District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

)

Page 1 of 160

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	OGRID
Contact Name	Contact Telephone
Contact email	Incident # (assigned by OCD)
Contact mailing address	

Location of Release Source

Longitude

Latitude		

Site Name	Site Type
Date Release Discovered	API# (if applicable)

(NAD 83 in decimal degrees to 5 decimal places)

Unit Letter	Section	Township	Range	County

Surface Owner: State Federal Tribal Private (Name: _

Nature and Volume of Release

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

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

Page	2
rage	4

Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

etc)?
etc)?

Initial Response

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

The source of the release has been stopped.
The impacted area has been secured to protect human health and the environment.

Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.

All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

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

Printed Name	Title:
Signature:	Date:
email:	Telephone:
OCD Only	
Received by:	Date:

Convert integritar shape into a series of rectangles	2025 12: Length (ft.)	44:14 PM Width (ft.)	Average Depth (in.)	On/Off Pad (dropdown)	Soil Spilled-Fluid Saturation (%.)	Estimated volume of each area (bbl.)	Total Estimated Volume of Spill (bbl.)
Rectangle A	60.0	30.0	0.4	Off-Pad ∽	15.02%	10.01	1.50
Rectangle B	60.0	30.0	0.2	Off-Pad ∽	15.02%	5.34	0.80
Rectangle C				~		0.00	
Rectangle D				~	[0.00	1
Rectangle E				~		0.00	31
Rectangle F				~	5	0.00	53
Rectangle G				~		0.00	
Rectangle H	2		-	~	2	0.00	20
Rectangle I				~		0.00	32
Rectangle J	2/21/2026	0.22.10	434	~		0.00	an estador capación de las
Rectangle J V 0.00 Released to Imaging: 3/31/2025 9:23:19 AM Total Subsurface Volume Released: 2.3059							

Total Estimated Contaminated Soil, uncompacted, 25% (yd ³ .)	Current Rufe 63 19 19 - RMR Handover Volume, (yd ³ .)
2.60	
1.39	
0.00	
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0.00	750
0.00	750
0.00	
0.00	
0.00	
0.00	10000
3.99	BU

E N S O L U M

November 27, 2024

New Mexico Oil Conservation Division New Mexico Energy, Minerals, and Natural Resources Department 1220 South St. Francis Drive Santa Fe, New Mexico 87505

Re: Reclamation Report Brinninstool Unit 003H Incident Number NAPP2315635182 Lea County, New Mexico

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of COG Operating, LLC (COG), has prepared the following *Reclamation Report* for the Brinninstool Unit 003H (Site). The *Reclamation Report* documents the Site history and reclamation activities completed to date.

BACKGROUND

The Site is located in Unit A, Section 20, Township 23 South, Range 33 East, in Lea County, New Mexico (32.2973°, -103.5859°) and is associated with oil and gas exploration and production operations on private land owned by Hughes Properties, LLC.

On May 29, 2023, damage to a transfer line resulted in the release of approximately 2.3059 barrels (bbls) of produced water onto the lease road and into the surrounding pasture. No released fluids were recovered. COG reported the release to the New Mexico Oil Conservation Division (NMOCD) on a Release Notification Form C-141 (Form C-141) on June 5, 2023. The release was assigned Incident Number NAPP2315635182.

Delineation and excavation of impacted soil was completed at the Site in July 2023. Based on the delineation and excavation soil sample analytical results, a *Closure Request* was submitted to the NMOCD on September 18, 2024. The NMOCD approved the *Closure Request* on January 12, 2024. Additional details regarding the release, Site Characterization, delineation and excavation activities, and soil sample analytical results can be referenced in the approved *Closure Request* attached as Appendix A. Remediation of the release was completed in accordance with Title 19, Chapter 15, Part 29, Section 12 (19.15.29.12) of the New Mexico Administrative Code (NMAC).

RECLAMATION ACTIVITIES

The excavation area measured approximately 1,405 square feet. A total of approximately 120 cubic yards of impacted soil were removed during the excavation activities. Upon completion of excavation activities and receipt of final laboratory analytical results, the excavation was backfilled, and the area was graded and contoured to match the surrounding topography. The excavation area on the lease road was backfilled with caliche and the excavation in the pasture was backfilled with locally procured topsoil,

COG Operating, LLC Reclamation Report Brinninstool Unit 003H

consistent with the surrounding native soil type. The excavation extent and reclamation area are depicted on the attached Figure 1. Photographic documentation is included in Appendix B.

One representative 5-point composite sample (CS-1) was collected from the caliche backfill material. One representative 5-point composite sample (CS-2) was collected from the topsoil backfill material. The backfill soil samples were transported under strict chain-of-custody procedures to Eurofins Laboratories (Eurofins) in Carlsbad, New Mexico, for analysis of the following constituents of concern (COCs): benzene, toluene, ethylbenzene, and total xylenes (BTEX) following United States Environmental Protection Agency (EPA) Method 8021B; total petroleum hydrocarbons (TPH)-gasoline range organics (GRO), TPH-diesel range organics (DRO), and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following EPA Method 300.0.

Laboratory analytical results for the backfill soil samples confirmed compliance with NMOCD requirements for the reclaimed area to contain non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 milligrams per kilogram (mg/kg) and TPH concentrations less than 100 mg/kg. The laboratory analytical results are summarized in the attached Table 1 and the complete laboratory analytical report is included as Appendix C.

The disturbed pasture area was seeded on October 23, 2024, with the Bureau of Land Management (BLM) sandy sites seed mix at double the rate specified in pounds of pure live seed (PLS) per acre to account for the application method.

Species/Cultivar	PLS/Acre
Sand dropseed (Sporobolus cryptandrus)	1.0
Sand love grass (Eragrostis trichodes)	1.0
Plains bristlegrass (Setaria macrostachya)	2.0

The seed mix was doubled and distributed with a broadcast seed spreader and harrowed in. Photographs of the backfilled excavation and seeding of the reclaimed area are provided in Appendix B.

VEGETATION MONITORING

The Site will be monitored for vegetation growth to verify reclamation activities were successful. Focus for this phase will be to prevent erosion and Site degradation, and to monitor for and treat invasive and noxious weed species.

- Annual inspections will take place at the location to assess revegetation progress until vegetation is consistent with local natural vegetation density.
- If necessary, an additional application of the BLM seed mix will be applied.
- Noxious and invasive weeds will be identified and treated by licensed contracted herbicide applicators or mechanically/physically removed.

A *Re-vegetation Report* will be submitted to the NMOCD once vegetation growth in the reclaimed pasture area has a uniform vegetative cover that reflects a life-form ratio of plus or minus 50 percent (%) of pre-disturbance levels and a total percent plant cover of at least 70% of pre-disturbance levels, excluding noxious weeds, per NMAC 19.15.29.13 D.(3).



COG Operating, LLC Reclamation Report Brinninstool Unit 003H

RECLAMATION APPROVAL REQUEST

Based on the reclamation activities completed to date and proposed vegetation monitoring plan described above, COG respectfully requests approval of this *Reclamation Report* and a status update to *Reclamation Report Approved, Pending submission of Re-Vegetation Report* for Incident Number NAPP2315635182.

If you have any questions or comments, please contact Ms. Hadlie Green at (432) 557-8895 or hgreen@ensolum.com.

Sincerely, Ensolum, LLC

Tol X

Tabitha Guadian Staff Geologist

Daniel R. Moir, PG (licensed in WY & TX) Senior Managing Geologist

cc: Jacob Laird, ConocoPhillips Company

Appendices:

- Figure 1 Excavation Extent / Reclamation Area
- Table 1Backfill Soil Sample Analytical Results
- Appendix A Closure Request Report: Dated September 18, 2024
- Appendix B Photographic Log
- Appendix C Laboratory Analytical Report & Chain of Custody Documentation





FIGURES

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TABLES

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TABLE 1 SOIL SAMPLE ANALYTICAL RESULTS Brinninstool Unit 003H COG Operating, LLC Lea County, New Mexico										
Sample Designation	Date	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 Requirements for Reclamed Area		10	50	NE	NE	NE	100	600		
Backfill Soil Samples										
CS-1 (Caliche)	11/18/2024	0.25	<0.00201	0.0683	<49.8	<49.8	<49.8	<49.8	117	
CS-2 (Topsoil)	11/18/2024	0.25	<0.00202	<0.00404	<49.9	<49.9	<49.9	<49.9	64.1	

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NE - Not Established

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon



APPENDIX A

Closure Request Report: Dated September 18, 2024

E N S O L U M

September 14, 2023

New Mexico Oil Conservation Division New Mexico Energy, Minerals, and Natural Resources Department 1220 South St. Francis Drive Santa Fe, New Mexico 87505

Re: Closure Request Brinninstool Unit 003H Incident Number NAPP2315635182 Lea County, New Mexico

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of COG Operating, LLC (COG), has prepared this *Closure Request* to document assessment, excavation, and soil sampling activities performed at Brinninstool Unit 003H (Site). The purpose of the Site assessment, excavation, and soil sampling activities was to address impacted soil resulting from a release produced water at the Site. Based on field observations, excavation activities, and laboratory analytical results from the soil sampling events, COG is submitting this *Closure Request*, describing remediation that has occurred and requesting no further action for Incident Number NAPP2315635182.

SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in Unit A, Section 20, Township 23 South, Range 33 East, in Lea County, New Mexico (32.2973°, -103.5859°) and is associated with oil and gas exploration and production operations on private land owned by Hughes Properties, LLC.

On May 29, 2023, damage to a transfer line resulted in a release of approximately 2.3059 barrels (bbls) of produced water onto the lease road and into the surrounding pasture. No released fluids were recovered. COG reported the release to the New Mexico Oil Conservation Division (NMOCD) on a Release Notification Form C-141 (Form C-141) on June 5, 2023. The release was assigned Incident Number NAPP2315635182.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

The Site was characterized for applicability of Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29 (19.15.29) of the New Mexico Administrative Code (NMAC). Results from the characterization desktop review are presented on page 3 of the Form C-141, Site Assessment/Characterization. Potential Site receptors are identified on Figure 1.

Depth to groundwater at the Site is estimated to be greater than 100 feet below ground surface (bgs) based on the nearest groundwater well data. The closest permitted groundwater well with depth to groundwater data is United States Geological Survey (USGS) well 321746103352301, located approximately 0.26 miles southwest of the Site. The groundwater well has a reported depth to groundwater of 470 feet bgs and a total depth of 550 feet bgs. Ground surface elevation at the

COG Operating, LLC Closure Request Brinninstool Unit 003H

groundwater well location is 3,699 feet above mean sea level (amsl), which is approximately 12 feet lower in elevation than the Site. All wells used for depth to groundwater determination are presented on Figure 1. The referenced well records are included in Appendix A.

The closest continuously flowing or significant watercourse to the Site is a riverine, located approximately 2,700 feet north of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, or church. The site is greater than 300 feet from a wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (low potential karst designation area). Site receptors are identified on Figure 1.

Based on the results of the Site Characterization, the following NMOCD Table I Closure Criteria (Closure Criteria) apply:

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- Total petroleum hydrocarbons (TPH)-gasoline range organics (GRO) and TPH-diesel range organics (DRO): 1,000 mg/kg
- TPH: 2,500 mg/kg
- Chloride: 20,000 mg/kg

A reclamation requirement of 600 mg/kg chloride and 100 mg/kg TPH was applied to the top 4 feet of the pasture area and lease road that were impacted by the release, per 19.15.29.13 D (1) NMAC for the top 4 feet of areas that will be immediately reclaimed following remediation.

SITE ASSESSMENT ACTIVITIES AND LABORATORY ANALYTICAL RESULTS

On June 21, 2023, Ensolum personnel were at the Site to evaluate the release extent based on information provided on the Form C-141 and visual observations. Four assessment soil samples (SS01 through SS04) were collected around the release extent at an approximate depth of 0.5 feet bgs to confirm the lateral extent of the release. Eight assessment soil samples (SS05 through SS12) were collected within the release extent at an approximate depth of 0.5 feet bgs to assess for the presence or absence of impacted soil. The soil samples were field screened for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride using Hach[®] chloride QuanTab[®] test strips. The soil sample locations were mapped utilizing a handheld Global Positioning System (GPS) unit and are depicted on Figure 2. Photographic documentation was completed during the Site visit and a photographic log is included as Appendix B.

The soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice. The soil samples were transported under strict chain-of-custody procedures to Eurofins Laboratories (Eurofins) in Carlsbad, New Mexico, for analysis of the following chemicals of concern (COCs): BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH-GRO, TPH-DRO, and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following EPA Method 300.0.

Laboratory analytical results for assessment soil samples SS01 through SS04, collected around the release extent, indicated all COC concentrations were compliant with the most stringent Table I Closure Criteria and successfully defined the lateral extent of the release. Laboratory analytical results for assessment samples SS05 through SS09, collected within the pasture release extent, indicated all COC concentrations were compliant with the most stringent Table I Closure assessment samples SS05 through SS09, collected within the pasture release extent, indicated all COC concentrations were compliant with the most stringent Table I Closure Criteria. Laboratory analytical



COG Operating, LLC Closure Request Brinninstool Unit 003H

ENSOLUM

results for assessment samples SS10 through SS12, collected within the pasture and lease road release extent, indicated TPH and/or chloride concentrations exceeded the reclamation requirements. Laboratory analytical results are summarized in Table 1 and the complete analytical reports are included as Appendix C.

DELINEATION ACTIVITIES AND LABORATORY ANALYTICAL RESULTS

On July 7, 2023, Ensolum personnel returned to the Site to complete vertical assessment activities within the release extent. Boreholes were advanced via hand-auger at the locations of assessment soil samples SS05 through SS09, to further confirm the absence of impacted soil. One discrete delineation soil sample was collected at each location (SS05A through SS09A) from a depth of 1-foot bgs. The delineation soil samples were collected, handled, and analyzed following the same procedures as described above. The boreholes were backfilled with soil removed. The delineation soil sample locations were mapped utilizing a handheld GPS unit and are depicted on Figure 2.

Laboratory analytical results for delineation soil samples SS05A through SS09A collected at 1-foot bgs, indicated all COC concentrations were compliant with the most stringent Table I Closure Criteria and confirmed the absence of impacted soil is these areas. Based on the laboratory analytical results for assessment soil samples SS10 through SS12, excavation activities were warranted in the lease road and pasture area near the release point. Laboratory analytical results are summarized in Table 1 and the complete analytical reports are included as Appendix C.

EXCAVATION ACTIVITIES AND LABORATORY ANALYTICAL RESULTS

On July 7, 2023, Ensolum personnel were at the Site to oversee excavation of impacted soil in the area around assessment samples SS10 through SS12. Excavation activities were performed using a backhoe and transport vehicles. To direct excavation activities, soil was screened for VOCs and chloride. The excavation was completed to depths ranging from 1-foot to 2.5 feet bgs. Photographic documentation of the excavation activities is included in Appendix B.

Following removal of impacted soil, 5-point composite soil samples were collected every 200 square feet from the floor of the excavation. The 5-point composite samples were collected by placing five equivalent aliquots of soil into a 1-gallon, resealable plastic bag and homogenizing the samples by thoroughly mixing. Composite soil samples FS01 through FS10 were collected from the floor of the excavation at depths ranging from 1-foot to 2.5 feet bgs. Composite soil samples SW01 and SW02 were collected from the sidewalls of the excavation at depths ranging from the ground surface to 2.5 feet bgs. The soil samples were handled and analyzed following the same procedures as described above. The excavation extent and excavation soil sample locations were mapped utilizing a handheld GPS and are presented on Figure 3.

Laboratory analytical results for excavation floor samples FS01 through FS10 and sidewall samples SW01 and SW02 indicated all COC concentrations were compliant with the most stringent Table I Closure Criteria. Laboratory analytical results are summarized in Table 1 and the complete laboratory analytical reports are included as Appendix C.

The final excavation area measured approximately 1,405 square feet. A total of approximately 120 cubic yards of impacted soil was removed, transported, and properly disposed of at Northern Delaware Basin Landfill in Jal, New Mexico.

COG Operating, LLC Closure Request Brinninstool Unit 003H

CLOSURE REQUEST

Site assessment and excavation activities were conducted at the Site to address the May 29, 2023, release of produced water. Laboratory analytical results for the excavation soil samples indicated all COC concentrations were compliant with the most stringent Table I Closure Criteria. Additionally, the release was laterally and vertically delineated to the most stringent Table I Closure Criteria. Based on the laboratory analytical results, no further remediation is required.

COG believes the remedial actions completed are protective of human health, the environment, and groundwater. As such, COG respectfully requests closure for Incident Number NAPP2315635182. NMOCD notifications are included in Appendix D and the Final C-141 is included in Appendix E.

If you have any questions or comments, please contact Ms. Hadlie Green at (432) 557-8895 or hgreen@ensolum.com.

Jinée Cole

Senior Managing Scientist

Aimee Cole

Sincerely, **Ensolum, LLC**

Cadie & reen

Hadlie Green Project Geologist

cc: Jacob Laird, COG Operating, LLC Hughes Properties, LLC

Appendices:

- Figure 1 Site Receptor Map
- Figure 2 Assessment Soil Sample Locations
- Figure 3 Excavation Soil Sample Locations
- Table 1Soil Sample Analytical Results
- Appendix A Referenced Well Records
- Appendix B Photographic Log
- Appendix C Laboratory Analytical Reports & Chain-of-Custody Documentation
- Appendix D NMOCD Notifications
- Appendix E Final C-141





FIGURES

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Lea County, New Mexico



TABLES

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	TABLE I SOIL SAMPLE ANALYTICAL RESULTS Brinninstool Unit 003H COG Operating, LLC Lea County, New Mexico										
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)	
NMOCD Table I	Closure Criteria ((NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	20,000	
				Asse	ssment Soil Sam	nples					
SS01*	06/21/2023	0.5	<0.00198	<0.00396	<49.9	<49.9	<49.9	<49.9	<49.9	34.1	
SS02*	06/21/2023	0.5	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	36.3	
SS03*	06/21/2023	0.5	<0.00200	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	33.2	
SS04*	06/21/2023	0.5	<0.00198	<0.00396	<49.9	<49.9	<49.9	<49.9	<49.9	39.9	
SS05*	06/21/2023	0.5	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	40.0	
SS05A*	07/07/2023	1	<0.00202	<0.00403	<50.1	<50.1	<50.1	<50.1	<50.1	67.2	
SS06*	06/21/2023	0.5	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	39.3	
SS06A*	07/07/2023	1	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	77.9	
SS07*	06/21/2023	0.5	<0.00200	<0.00400	<49.9	<49.9	<49.9	<49.9	<49.9	43.8	
SS07A*	07/07/2023	1	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	96.5	
SS08*	06/21/2023	0.5	<0.00198	<0.00397	<49.8	<49.8	<49.8	<49.8	<49.8	44.9	
SS08A*	07/07/2023	1	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	81.7	
SS09*	06/21/2023	0.5	<0.00202	<0.00404	<50.0	<50.0	<50.0	<50.0	<50.0	33.0	
SS09A*	07/07/2023	1	<0.00200	<0.00399	<49.7	<49.7	<49.7	<49.7	<49.7	102	
SS10*	06/21/2023	0.5	<0.00200	< 0.00401	<49.9	155	107	155	262	54.9	
SS11*	06/21/2023	0.5	<0.00201	< 0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	1,750	
SS12*	06/21/2023	0.5	<0.00202	< 0.00403	<50.0	<50.0	<50.0	<50.0	<50.0	3,890	
				Excava	tion Floor Soil S	amples					
FS01*	07/07/2023	2.5	<0.00198	<0.00396	<49.8	<49.8	<49.8	<49.8	<49.8	76.9	
FS02*	07/07/2023	2.5	<0.00199	<0.00398	<50.5	<50.5	<50.5	<50.5	<50.5	137	
FS03*	07/07/2023	2.5	<0.00201	<0.00402	<50.1	<50.1	<50.1	<50.1	<50.1	67.8	
FS04*	07/07/2023	2.5	<0.00199	<0.00398	<50.4	<50.4	<50.4	<50.4	<50.4	104	
FS05*	07/07/2023	2.5	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	67.5	
FS06*	07/07/2023	2.5	<0.00200	<0.00401	<50.1	<50.1	<50.1	<50.1	<50.1	116	

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				Bri	TABLE I LE ANALYTICA inninstool Unit 0 OG Operating, LI County, New Me	03H ₋C				
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	NMOCD Table I Closure Criteria (NMAC 19.15.29)			50	NE	NE	NE	1,000	2,500	20,000
FS07*	07/07/2023	1	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	84.8
FS08*	07/07/2023	1	<0.00199	<0.00398	<50.2	<50.2	<50.2	<50.2	<50.2	80.4
FS09*	07/07/2023	1	<0.00198	<0.00396	<50.2	<50.2	<50.2	<50.2	<50.2	60.8
FS10*	07/07/2023	1	<0.00200	<0.00400	<49.6	<49.6	<49.6	<49.6	<49.6	67.2
	Excavation Sidewall Soil Samples									
SW01*	07/07/2023	0 - 2.5	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	67.9
SW02*	07/07/2023	0 - 2.5	<0.00199	<0.00398	<50.1	<50.1	<50.1	<50.1	<50.1	55.8

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

Concentrations in **bold** exceed the NMOCD Table I Closure Criteria or reclamation standard where applicable.

Grey text represents samples that have been excavated

* indicates sample was collected in area to be reclaimed after remediation is complete; reclamation standard in the top 4 feet is 600 mg/kg for chloride and 100 mg/kg for TPH.



APPENDIX A

Referenced Well Records



USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category:		Geographic Area:		
Groundwater	✓	New Mexico	✔	GO

Click to hideNews Bulletins

- Explore the NEW <u>USGS National Water Dashboard</u> interactive map to access real-time water data from over 13,500 stations nationwide.
- Full News 🔊

Groundwater levels for New Mexico

Click to hide state-specific text

Important: <u>Next Generation Monitoring Location Page</u>

Search Results -- 1 sites found

Agency code = usgs site_no list = • 321746103352301

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 321746103352301 23S.33E.17.42331

Lea County, New Mexico Latitude 32°17'46", Longitude 103°35'23" NAD27 Land-surface elevation 3,699 feet above NAVD88 The depth of the well is 550 feet below land surface.

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Santa Rosa Sandstone (231SNRS) local aquifer.

Output formats

Table of data	
Tab-separated data	
<u>Graph of data</u>	
Reselect period	

Date	Time	? Water- level date- time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum
1972-09-21		D	62610		3192.86
1972-09-21		D	62611		3194.60
1972-09-21		D	72019	504.40	
1976-12-08		D	62610		3226.76
1976-12-08		D	62611		3228.50
1976-12-08		D	72019	470.50	

Explanation							
Section	Code	Description					
Water-level date-time accuracy	D	Date is accurate to the Day					
Parameter code	62610	Groundwater level above NGVD 1929, feet					

Received by OCD: 1/7/2025312:44:14 PM

Section	Code	Description
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	А	Approved for publication Processing and review completed.

Questions or Comments Automated retrievals Help Data Tips Explanation of terms Subscribe for system changes News

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USA.gov

U.S. Department of the Interior | U.S. Geological Survey Title: Groundwater for New Mexico: Water Levels URL: https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?

Page Contact Information: <u>New Mexico Water Data Maintainer</u> Page Last Modified: 2023-08-02 18:13:22 EDT 0.32 0.28 nadww01



APPENDIX B

Photographic Log





APPENDIX C

Laboratory Analytical Reports & Chain of Custody Documentation

Received by OCD: 1/7/2025312:44:14 PM



Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Hadlie Green Ensolum 601 N. Marienfeld St. Suite 400 Midland, Texas 79701 Generated 6/26/2023 10:54:46 AM

JOB DESCRIPTION

Brinninstoll Unit 003H SDG NUMBER 03C2012037

JOB NUMBER

890-4846-1

Eurofins Carlsbad 1089 N Canal St. Carlsbad NM 88220





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

AMER

Generated 6/26/2023 10:54:46 AM

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

Eurofins Carlsbad is a laboratory within Eurofins Environment Testing South Central, LLC, a company within Eurofins Environment Testing Group of Companies

Laboratory Job ID: 890-4846-1 SDG: 03C2012037

Page 32 of 160

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Sample Summary	34
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	Definitions/Glossary	
Client: Ensolum		2
	inninstoll Unit 003H SDG: 03C2012037	Z
Qualifiers		3
GC VOA		
Qualifier	Qualifier Description	
S1-	Surrogate recovery exceeds control limits, low biased.	
U	Indicates the analyte was analyzed for but not detected.	5
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		8
Qualifier	Qualifier Description	
U	Indicates the analyte was analyzed for but not detected.	9
Glossary		4 6
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	

Not Calculated

Negative / Absent

Positive / Present

Presumptive

Quality Control

Practical Quantitation Limit

Relative Error Ratio (Radiochemistry)

Toxicity Equivalent Factor (Dioxin)

Too Numerous To Count

Toxicity Equivalent Quotient (Dioxin)

Reporting Limit or Requested Limit (Radiochemistry)

Relative Percent Difference, a measure of the relative difference between two points

Not Detected at the reporting limit (or MDL or EDL if shown)

NC

ND

NEG

POS

PQL

QC

RER

RPD TEF

TEQ

TNTC

RL

PRES

6/26/2023

Job ID: 890-4846-1

Job ID: 890-4846-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative 890-4846-1

Receipt

The samples were received on 6/21/2023 3:26 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.0°C

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SS01 (890-4846-1), SS02 (890-4846-2), SS03 (890-4846-3), SS04 (890-4846-4), SS05 (890-4846-5), SS06 (890-4846-6), SS07 (890-4846-7), SS08 (890-4846-8), SS09 (890-4846-9), SS10 (890-4846-10), SS11 (890-4846-11) and SS12 (890-4846-12).

GC VOA

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-56200 and analytical batch 880-56227 was outside the control limits.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-56227 recovered above the upper control limit for Benzene, Toluene, Ethylbenzene, m-Xylene & p-Xylene and o-Xylene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCV 880-56227/2).

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

GC Semi VOA

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-56098 and analytical batch 880-56145 was outside the upper control limits.

Method 8015MOD_NM: The continuing calibration verification (CCV) associated with batch 880-56145 recovered below the lower control limit for Gasoline Range Organics (GRO)-C6-C10. An acceptable CCV was ran within the 12 hour window, therefore the data has been qualified and reported. The associated sample is impacted: (CCV 880-56145/31).

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-56210 and analytical batch 880-56147 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: SS01 (890-4846-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The matrix spike (MS) recoveries for preparation batch 880-56210 and analytical batch 880-56147 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

HPLC/IC

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

Job ID: 890-4846-1 SDG: 03C2012037

Client Sample ID: SS01

Project/Site: Brinninstoll Unit 003H

Date Collected: 06/21/23 11:30 Date Received: 06/21/23 15:26

Sample Depth: 0.5

Client: Ensolum

SDG: 03C2012

Lab Sample ID: 890-4846-1 Matrix: Solid

trix: Solid

5

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00198	U	0.00198	mg/Kg		06/23/23 11:43	06/23/23 20:07	
Toluene	<0.00198	U	0.00198	mg/Kg		06/23/23 11:43	06/23/23 20:07	
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		06/23/23 11:43	06/23/23 20:07	
n-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		06/23/23 11:43	06/23/23 20:07	
p-Xylene	<0.00198	U	0.00198	mg/Kg		06/23/23 11:43	06/23/23 20:07	
(ylenes, Total	<0.00396	U	0.00396	mg/Kg		06/23/23 11:43	06/23/23 20:07	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fa
1-Bromofluorobenzene (Surr)	100		70 - 130			06/23/23 11:43	06/23/23 20:07	
1,4-Difluorobenzene (Surr)	92		70 - 130			06/23/23 11:43	06/23/23 20:07	
Method: TAL SOP Total BTEX - T	otal BTEX Calo	culation						
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00396	U	0.00396	mg/Kg			06/26/23 09:47	
Method: SW846 8015 NM - Diese	I Range Organ	ics (DRO) (GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	<49.9	U	49.9	mg/Kg			06/26/23 11:27	
Method: SW846 8015B NM - Dies	el Range Orga	nics (DRO)	(GC)					
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics GRO)-C6-C10	<49.9	U	49.9	mg/Kg		06/23/23 13:55	06/24/23 00:09	
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		06/23/23 13:55	06/24/23 00:09	
Oll Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		06/23/23 13:55	06/24/23 00:09	
Total TPH	<49.9		49.9	mg/Kg		06/23/23 13:55	06/24/23 00:09	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fa
I-Chlorooctane	127		70 - 130			06/23/23 13:55	06/24/23 00:09	
p-Terphenyl	137	S1+	70 - 130			06/23/23 13:55	06/24/23 00:09	
Method: EPA 300.0 - Anions, Ion	Chromatograp	hy - Solubl	e					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Chloride	34.1		5.04	mg/Kg			06/23/23 20:56	
lient Sample ID: SS02						Lab San	nple ID: 890-	4846-2
ate Collected: 06/21/23 11:35							Matri	x: Solic
ate Received: 06/21/23 15:26								

Method: SW846 8021B - Volat	ile Organic Comp	ounds (GC)						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		06/23/23 11:43	06/23/23 20:33	1
Toluene	<0.00201	U	0.00201	mg/Kg		06/23/23 11:43	06/23/23 20:33	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		06/23/23 11:43	06/23/23 20:33	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		06/23/23 11:43	06/23/23 20:33	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		06/23/23 11:43	06/23/23 20:33	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		06/23/23 11:43	06/23/23 20:33	1

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Released to Imaging: 3/31/2025 9:286193AMM

Client Sample Results

Job ID: 890-4846-1 SDG: 03C2012037

Matrix: Solid

Lab Sample ID: 890-4846-2

Client Sample ID: SS02

Project/Site: Brinninstoll Unit 003H

Date Collected: 06/21/23 11:35 Date Received: 06/21/23 15:26

Sample Depth: 0.5

Client: Ensolum

Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	104		70 - 130			06/23/23 11:43	06/23/23 20:33	
1,4-Difluorobenzene (Surr)	99		70 - 130			06/23/23 11:43	06/23/23 20:33	
Method: TAL SOP Total BTEX - 1	Total BTEX Cal	culation						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00402	U	0.00402	mg/Kg			06/26/23 09:47	
Method: SW846 8015 NM - Diese	el Range Organ	ics (DRO) (GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	<49.9	U	49.9	mg/Kg			06/26/23 11:27	
Method: SW846 8015B NM - Dies	sel Range Orga	nics (DRO)	(GC)					
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics	<49.9	U	49.9	mg/Kg		06/23/23 13:55	06/24/23 00:31	
(GRO)-C6-C10								
Diesel Range Organics (Over	<49.9	U	49.9	mg/Kg		06/23/23 13:55	06/24/23 00:31	
C10-C28)	. 40.0		10.0	114		00/00/00 40 55	00/04/00 00 04	
Oll Range Organics (Over C28-C36)	<49.9		49.9	mg/Kg		06/23/23 13:55	06/24/23 00:31	
Total TPH	<49.9	U	49.9	mg/Kg		06/23/23 13:55	06/24/23 00:31	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fa
1-Chlorooctane	110		70 - 130			06/23/23 13:55	06/24/23 00:31	
p-Terphenyl	122		70 - 130			06/23/23 13:55	06/24/23 00:31	
Method: EPA 300.0 - Anions, Ion	Chromatogra	ohy - Solubl	e					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Chloride	36.3		4.99	mg/Kg			06/23/23 21:13	
lient Sample ID: SS03						Lab Sar	nple ID: 890-	4846-
ate Collected: 06/21/23 11:40							Matri	x: Soli
ale conceleu. 00/21/20 11.40								
ate Received: 06/21/23 15:26								
ate Received: 06/21/23 15:26 ample Depth: 0.5	Ormania Comm							
ate Received: 06/21/23 15:26 ample Depth: 0.5 Method: SW846 8021B - Volatile	· ·			Unit		Prenared	Analyzed	Dil Fa
ate Received: 06/21/23 15:26 ample Depth: 0.5 Method: SW846 8021B - Volatile Analyte	Result	Qualifier	RL	Unit ma/Ka	<u>D</u>	Prepared	Analyzed	Dil Fa
ate Received: 06/21/23 15:26 ample Depth: 0.5 Method: SW846 8021B - Volatile Analyte Benzene	Result <0.00200	Qualifier	RL 0.00200	mg/Kg	<u>D</u>	06/23/23 11:43	06/23/23 21:00	Dil Fa
ate Received: 06/21/23 15:26 ample Depth: 0.5 Method: SW846 8021B - Volatile Analyte Benzene Toluene	Result <0.00200 <0.00200	Qualifier U U	RL 0.00200 0.00200	mg/Kg mg/Kg	<u>D</u>	06/23/23 11:43 06/23/23 11:43	06/23/23 21:00 06/23/23 21:00	Dil Fa
ate Received: 06/21/23 15:26 ample Depth: 0.5 Method: SW846 8021B - Volatile Analyte Benzene Toluene Ethylbenzene	Result <0.00200 <0.00200 <0.00200	Qualifier U U U	RL 0.00200 0.00200 0.00200	mg/Kg mg/Kg mg/Kg	<u>D</u>	06/23/23 11:43 06/23/23 11:43 06/23/23 11:43	06/23/23 21:00 06/23/23 21:00 06/23/23 21:00	Dil Fa
ate Received: 06/21/23 15:26 ample Depth: 0.5 Method: SW846 8021B - Volatile Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene		Qualifier U U U U	RL 0.00200 0.00200 0.00200 0.00401	mg/Kg mg/Kg mg/Kg mg/Kg	<u> </u>	06/23/23 11:43 06/23/23 11:43 06/23/23 11:43 06/23/23 11:43	06/23/23 21:00 06/23/23 21:00 06/23/23 21:00 06/23/23 21:00	Dil Fa
ate Received: 06/21/23 15:26	Result <0.00200 <0.00200 <0.00200	Qualifier U U U U U U	RL 0.00200 0.00200 0.00200	mg/Kg mg/Kg mg/Kg	<u>D</u>	06/23/23 11:43 06/23/23 11:43 06/23/23 11:43	06/23/23 21:00 06/23/23 21:00 06/23/23 21:00	Dil Fa

4-Bromofluorobenzene (Surr)	99		70 - 130			06/23/23 11:43	06/23/23 21:00	1
1,4-Difluorobenzene (Surr)	85		70 - 130			06/23/23 11:43	06/23/23 21:00	1
Method: TAL SOP Total BTEX - To	otal BTEX Cald	culation						
Method: TAL SOP Total BTEX - To Analyte		culation Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac

Limits

%Recovery Qualifier

Eurofins Carlsbad

Analyzed

Prepared

13

5

Surrogate

Dil Fac
Job ID: 890-4846-1 SDG: 03C2012037

Matrix: Solid

5

Client Sample ID: SS03

Project/Site: Brinninstoll Unit 003H

Date Collected: 06/21/23 11:40 Date Received: 06/21/23 15:26

Sample Depth: 0.5

Client: Ensolum

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			06/26/23 11:27	1
Method: SW846 8015B NM - Dies	el Range Orga	nics (DRO)	(GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		06/23/23 13:55	06/24/23 00:54	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		06/23/23 13:55	06/24/23 00:54	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		06/23/23 13:55	06/24/23 00:54	1
Total TPH	<49.9	U	49.9	mg/Kg		06/23/23 13:55	06/24/23 00:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130			06/23/23 13:55	06/24/23 00:54	1
o-Terphenyl	126		70 - 130			06/23/23 13:55	06/24/23 00:54	1
Method: EPA 300.0 - Anions, Ion	Chromatograp	ohy - Solubl	e					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	33.2		4.99	mg/Kg			06/23/23 21:19	1
lient Sample ID: SS04						Lab Sar	nple ID: 890-	1016

Date Received: 06/21/23 15:26

Sample Depth: 0.5

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		06/23/23 11:43	06/23/23 21:26	1
Toluene	<0.00198	U	0.00198	mg/Kg		06/23/23 11:43	06/23/23 21:26	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		06/23/23 11:43	06/23/23 21:26	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		06/23/23 11:43	06/23/23 21:26	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		06/23/23 11:43	06/23/23 21:26	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		06/23/23 11:43	06/23/23 21:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130			06/23/23 11:43	06/23/23 21:26	1
1,4-Difluorobenzene (Surr)	97		70 - 130			06/23/23 11:43	06/23/23 21:26	1
- Method: TAL SOP Total BTEX	- Total BTEX Cald	culation						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396	mg/Kg			06/26/23 09:47	1
- Method: SW846 8015 NM - Die	esel Range Organ	ics (DRO) (GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			06/26/23 11:27	1
- Method: SW846 8015B NM - D	iesel Range Orga	nics (DRO)	(GC)					
	Booult	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte	Result	Quannoi	=				· · · · · · · · · · · · · · · · · · ·	
Analyte Gasoline Range Organics	49.9	U	49.9	mg/Kg		06/23/23 13:55	06/24/23 01:17	1

Analyto	Rooun	Quannoi	1.2	onne	rioparoa	Analyzou	Dirrao
Gasoline Range Organics	<49.9	U	49.9	mg/Kg	 06/23/23 13:55	06/24/23 01:17	1
(GRO)-C6-C10							
Diesel Range Organics (Over	<49.9	U	49.9	mg/Kg	06/23/23 13:55	06/24/23 01:17	1
C10-C28)							
Oll Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg	06/23/23 13:55	06/24/23 01:17	1

Eurofins Carlsbad

Lab Sample ID: 890-4846-3

Job ID: 890-4846-1 SDG: 03C2012037

Client Sample ID: SS04

Project/Site: Brinninstoll Unit 003H

Date Collected: 06/21/23 11:45 Date Received: 06/21/23 15:26

Sample Depth: 0.5

Client: Ensolum

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg		06/23/23 13:55	06/24/23 01:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130			06/23/23 13:55	06/24/23 01:17	1
o-Terphenyl	126		70 - 130			06/23/23 13:55	06/24/23 01:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	39.9		5.02	mg/Kg			06/23/23 21:25	1
Client Sample ID: SS05						Lab San	nple ID: 890-4	4846-5

Client Sample ID: SS05

Date Collected: 06/21/23 12:00 Date Received: 06/21/23 15:26

Sample Depth: 0.5

Method: SW846 8021B - Volati	le Organic Comp	ounds (GC)						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	< 0.00199	U	0.00199	mg/Kg		06/23/23 11:43	06/23/23 21:52	1
Toluene	<0.00199	U	0.00199	mg/Kg		06/23/23 11:43	06/23/23 21:52	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		06/23/23 11:43	06/23/23 21:52	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		06/23/23 11:43	06/23/23 21:52	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		06/23/23 11:43	06/23/23 21:52	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		06/23/23 11:43	06/23/23 21:52	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130			06/23/23 11:43	06/23/23 21:52	1
1,4-Difluorobenzene (Surr)	94		70 - 130			06/23/23 11:43	06/23/23 21:52	1

Method: TAL SOP Total BTEX - Tot	tal BTEX Cal	culation						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			06/26/23 09:47	1

Method: SW846 8015 NM - Diesel R	Range Organics (D	RO) (GC)					
Analyte	Result Qualif	ier RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8 U	49.8	mg/Kg			06/26/23 11:27	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.8	U	49.8	mg/Kg		06/23/23 13:55	06/24/23 01:39	1
(GRO)-C6-C10								
Diesel Range Organics (Over	<49.8	U	49.8	mg/Kg		06/23/23 13:55	06/24/23 01:39	1
C10-C28)								
Oll Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		06/23/23 13:55	06/24/23 01:39	1
Total TPH	<49.8	U	49.8	mg/Kg		06/23/23 13:55	06/24/23 01:39	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130			06/23/23 13:55	06/24/23 01:39	1
o-Terphenyl	122		70 - 130			06/23/23 13:55	06/24/23 01:39	1

Matrix: Solid

Lab Sample ID: 890-4846-4

5

Matrix: Solid

		Clien	t Sample Re	sults				
Client: Ensolum			•				Job ID: 890	-4846-
Project/Site: Brinninstoll Unit 003H							SDG: 03C2	201203
Client Sample ID: SS05						Lab Sar	nple ID: 890-	4846-
ate Collected: 06/21/23 12:00							Matri	ix: Soli
Date Received: 06/21/23 15:26								
Sample Depth: 0.5								
Method: EPA 300.0 - Anions, Ion (Analyte		hy - Solubl Qualifier	e RL	Unit	D	Prepared	Analyzed	Dil Fa
Chloride	40.0		5.04	mg/Kg			06/23/23 21:31	
								40.40
Client Sample ID: SS06						Lab Sar	nple ID: 890-	
Date Collected: 06/21/23 12:05							Matri	ix: Soli
Date Received: 06/21/23 15:26 Sample Depth: 0.5								
Method: SW846 8021B - Volatile C	Organic Comp	ounds (GC)						
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00199	U	0.00199	mg/Kg		06/23/23 11:43	06/23/23 22:18	
Toluene	<0.00199	U	0.00199	mg/Kg		06/23/23 11:43	06/23/23 22:18	
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		06/23/23 11:43	06/23/23 22:18	
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		06/23/23 11:43	06/23/23 22:18	
o-Xylene	<0.00199	U	0.00199	mg/Kg		06/23/23 11:43	06/23/23 22:18	
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		06/23/23 11:43	06/23/23 22:18	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil F
4-Bromofluorobenzene (Surr)	106		70 - 130			06/23/23 11:43	06/23/23 22:18	
1,4-Difluorobenzene (Surr) _	106		70 - 130			06/23/23 11:43	06/23/23 22:18	
- Method: TAL SOP Total BTEX - To	otal BTEX Calo	culation						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00398	U	0.00398	mg/Kg			06/26/23 09:47	
_ Method: SW846 8015 NM - Diesel	Range Organ	ics (DRO) (3C)					
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	<49.9	U	49.9	mg/Kg			06/26/23 11:27	
_ Method: SW846 8015B NM - Diese	el Range Orga	nics (DRO)	(GC)					
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil F
Gasoline Range Organics	<49.9	U	49.9	mg/Kg		06/23/23 13:55	06/24/23 02:01	
(GRO)-C6-C10								
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		06/23/23 13:55	06/24/23 02:01	
Oll Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		06/23/23 13:55	06/24/23 02:01	
Total TPH	<49.9	U	49.9	mg/Kg		06/23/23 13:55	06/24/23 02:01	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil F
1-Chlorooctane	110		70 - 130			06/23/23 13:55	06/24/23 02:01	
o-Terphenyl	124		70 - 130			06/23/23 13:55	06/24/23 02:01	
_ Method: EPA 300.0 - Anions, Ion (Chromatogram	hy - Solubl	e					
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil F

AnalyteResultQualifierRLUnitDPreparedAnalyzedDil FacChloride39.35.05mg/Kg06/23/23 21:481

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Job ID: 890-4846-1 SDG: 03C2012037

Client Sample ID: SS07

Project/Site: Brinninstoll Unit 003H

Date Collected: 06/21/23 12:10 Date Received: 06/21/23 15:26

Sample Depth: 0.5

Client: Ensolum

Lab Sample ID: 890-4846-7

Matrix: Solid

Analyte	Organic Comp Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200		0.00200	mg/Kg		06/23/23 11:43	06/23/23 22:44	1
Toluene	<0.00200	U	0.00200	mg/Kg		06/23/23 11:43	06/23/23 22:44	1
Ethylbenzene	<0.00200		0.00200	mg/Kg		06/23/23 11:43	06/23/23 22:44	1
m-Xylene & p-Xylene	<0.00400		0.00400	mg/Kg		06/23/23 11:43	06/23/23 22:44	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		06/23/23 11:43	06/23/23 22:44	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		06/23/23 11:43	06/23/23 22:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130			06/23/23 11:43	06/23/23 22:44	1
1,4-Difluorobenzene (Surr)	94		70 - 130			06/23/23 11:43	06/23/23 22:44	1
Method: TAL SOP Total BTEX - T	Total BTEX Cald	ulation						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/Kg			06/26/23 09:47	1
Method: SW846 8015 NM - Diese Analyte	•••	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			06/26/23 11:27	1
				mg/Kg			06/26/23 11:27	1
Method: SW846 8015B NM - Dies	sel Range Orga	nics (DRO)	(GC)		— —	Prenared		1
Method: SW846 8015B NM - Dies Analyte	sel Range Orga Result	nics (DRO) Qualifier	(GC) RL	Unit	D	Prepared	Analyzed	1 Dil Fac
Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics	sel Range Orga	nics (DRO) Qualifier	(GC)		D	Prepared 06/23/23 13:55		1
Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	sel Range Orga Result	nics (DRO) Qualifier U	(GC) RL	Unit	D		Analyzed	1 Dil Fac
Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	sel Range Orga Result <49.9	nics (DRO) Qualifier U	(GC) <u>RL</u> 49.9	Unit mg/Kg	D	06/23/23 13:55	Analyzed 06/24/23 02:23	1 Dil Fac 1
Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	sel Range Orga Result <49.9 <49.9	nics (DRO) Qualifier U U	(GC) <u>RL</u> 49.9 49.9	Unit mg/Kg mg/Kg	D	06/23/23 13:55 06/23/23 13:55	Analyzed 06/24/23 02:23 06/24/23 02:23	1 Dil Fac 1
Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Total TPH	sel Range Orga <u>Result</u> <49.9 <49.9 <49.9	nics (DRO) Qualifier U U	(GC) <u>RL</u> 49.9 49.9 49.9	Unit mg/Kg mg/Kg mg/Kg	D	06/23/23 13:55 06/23/23 13:55 06/23/23 13:55	Analyzed 06/24/23 02:23 06/24/23 02:23 06/24/23 02:23	1 1 1 1
Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Total TPH Surrogate	sel Range Orga Result <49.9 <49.9 <49.9 <49.9	nics (DRO) Qualifier U U U U	(GC) <u>RL</u> 49.9 49.9 49.9 49.9 49.9	Unit mg/Kg mg/Kg mg/Kg	D	06/23/23 13:55 06/23/23 13:55 06/23/23 13:55 06/23/23 13:55	Analyzed 06/24/23 02:23 06/24/23 02:23 06/24/23 02:23 06/24/23 02:23	1 Dil Fac 1 1 1 1 1
Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Total TPH Surrogate 1-Chlorooctane	sel Range Orga Result <49.9 <49.9 <49.9 <49.9 <49.9 %Recovery	nics (DRO) Qualifier U U U U	(GC) <u>RL</u> 49.9 49.9 49.9 49.9 <u>Limits</u>	Unit mg/Kg mg/Kg mg/Kg	<u>D</u>	06/23/23 13:55 06/23/23 13:55 06/23/23 13:55 06/23/23 13:55 06/23/23 13:55 Prepared	Analyzed 06/24/23 02:23 06/24/23 02:23 06/24/23 02:23 06/24/23 02:23 Analyzed	1 Dil Fac 1 1 1 1 1 Dil Fac
Total TPH Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Total TPH Surrogate 1-Chlorooctane o-Terphenyl Method: EPA 300.0 - Anions, Ion	sel Range Orga Result <49.9 <49.9 <49.9 <49.9 <49.9 %Recovery 103 114	nics (DRO) Qualifier U U U Qualifier	(GC) <u>RL</u> 49.9 49.9 49.9 49.9 <u>Limits</u> 70 - 130 70 - 130	Unit mg/Kg mg/Kg mg/Kg	D	06/23/23 13:55 06/23/23 13:55 06/23/23 13:55 06/23/23 13:55 06/23/23 13:55 Prepared 06/23/23 13:55	Analyzed 06/24/23 02:23 06/24/23 02:23 06/24/23 02:23 06/24/23 02:23 Analyzed 06/24/23 02:23	1 Dil Fac 1 1 1 1 Dil Fac 1
Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Total TPH Surrogate 1-Chlorooctane o-Terphenyl	Sel Range Orga Result <49.9	nics (DRO) Qualifier U U U Qualifier	(GC) <u>RL</u> 49.9 49.9 49.9 49.9 <u>Limits</u> 70 - 130 70 - 130	Unit mg/Kg mg/Kg mg/Kg	D	06/23/23 13:55 06/23/23 13:55 06/23/23 13:55 06/23/23 13:55 06/23/23 13:55 Prepared 06/23/23 13:55	Analyzed 06/24/23 02:23 06/24/23 02:23 06/24/23 02:23 06/24/23 02:23 Analyzed 06/24/23 02:23	1 Dil Fac 1 1 1 1 Dil Fac 1

Client Sample ID: SS08

Date Collected: 06/21/23 12:15 Date Received: 06/21/23 15:26

Samp	le Depth:	0.5

Method: SW846 8021B - Volati	le Organic Comp	ounds (GC)						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		06/23/23 11:43	06/23/23 23:10	1
Toluene	<0.00198	U	0.00198	mg/Kg		06/23/23 11:43	06/23/23 23:10	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		06/23/23 11:43	06/23/23 23:10	1
m-Xylene & p-Xylene	<0.00397	U	0.00397	mg/Kg		06/23/23 11:43	06/23/23 23:10	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		06/23/23 11:43	06/23/23 23:10	1
Xylenes, Total	<0.00397	U	0.00397	mg/Kg		06/23/23 11:43	06/23/23 23:10	1

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Lab Sample ID: 890-4846-8

Matrix: Solid

Released to Imaging: 3/31/2025 9:28:5193AM

Job ID: 890-4846-1 SDG: 03C2012037

Client Sample ID: SS08

Project/Site: Brinninstoll Unit 003H

Date Collected: 06/21/23 12:15 Date Received: 06/21/23 15:26

Sample Depth: 0.5

Client: Ensolum

Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130			06/23/23 11:43	06/23/23 23:10	
1,4-Difluorobenzene (Surr)	103		70 - 130			06/23/23 11:43	06/23/23 23:10	1
Method: TAL SOP Total BTEX -	Total BTEX Calo	culation						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00397	U	0.00397	mg/Kg			06/26/23 09:47	
Method: SW846 8015 NM - Dies	el Range Organ	ics (DRO) (GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	<49.8	U	49.8	mg/Kg			06/26/23 11:27	
Method: SW846 8015B NM - Die	sel Range Orga	nics (DRO)	(GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		06/23/23 13:55	06/24/23 02:45	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		06/23/23 13:55	06/24/23 02:45	
Oll Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		06/23/23 13:55	06/24/23 02:45	
Total TPH	<49.8		49.8	mg/Kg		06/23/23 13:55	06/24/23 02:45	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130			06/23/23 13:55	06/24/23 02:45	-
o-Terphenyl	129		70 - 130			06/23/23 13:55	06/24/23 02:45	1
Method: EPA 300.0 - Anions, Ior	n Chromatograp	hy - Solubl	e					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	44.9		4.98	mg/Kg			06/23/23 22:00	1
lient Sample ID: SS09						Lab San	nple ID: 890-	4846-9
ate Collected: 06/21/23 12:25							Matri	x: Solic
ate Received: 06/21/23 15:26 ample Depth: 0.5								
Method: SW846 8021B - Volatile	Organic Comp	ounds (GC)						
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202		0.00202	mg/Kg		06/23/23 11:43	06/23/23 23:36	1
Toluene	<0.00202	U	0.00202	mg/Kg		06/23/23 11:43	06/23/23 23:36	
Ethylbenzene	<0.00202		0.00202	mg/Kg		06/23/23 11:43	06/23/23 23:36	
m-Xylene & p-Xylene	<0.00404	U	0.00404	mg/Kg		06/23/23 11:43	06/23/23 23:36	
o-Xylene	<0.00202	U	0.00202	mg/Kg		06/23/23 11:43	06/23/23 23:36	
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		06/23/23 11:43	06/23/23 23:36	1
Surrogato	% Passavaru	Qualifier	Limito			Branarad	Applymod	

1,4-Difluorobenzene (Surr)	89		70 - 130			06/23/23 11:43	06/23/23 23:36	1
- Method: TAL SOP Total BTEX - Tota	I BTEX Calc	ulation						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404	mg/Kg			06/26/23 09:47	1

Limits

70 - 130

%Recovery Qualifier

109

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Analyzed

06/23/23 23:36

Prepared

06/23/23 11:43

Lab Sample ID: 890-4846-8 Matrix: Solid 5

Surrogate

4-Bromofluorobenzene (Surr)

Dil Fac

Job ID: 890-4846-1 SDG: 03C2012037

Client Sample ID: SS09

Project/Site: Brinninstoll Unit 003H

Date Collected: 06/21/23 12:25 Date Received: 06/21/23 15:26

Sample Depth: 0.5

Client: Ensolum

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			06/26/23 11:27	1
Method: SW846 8015B NM - Dies	el Range Orga	nics (DRO)	(GC)					
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		06/23/23 13:55	06/24/23 03:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/23/23 13:55	06/24/23 03:08	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/23/23 13:55	06/24/23 03:08	1
Total TPH	<50.0	U	50.0	mg/Kg		06/23/23 13:55	06/24/23 03:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130			06/23/23 13:55	06/24/23 03:08	1
o-Terphenyl	123		70 - 130			06/23/23 13:55	06/24/23 03:08	1
Method: EPA 300.0 - Anions, Ion	Chromatograp	hy - Solubl	e					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	33.0		4.99	mg/Kg			06/23/23 22:06	1
Client Sample ID: SS10						Lab Sam	ple ID: 890-4	846-10
ate Collected: 06/21/23 12:30							Matri	ix: Solid
ate Received: 06/21/23 15:26								
ample Depth: 0.5								

Method: SW846 8021B - Volatile Organic Compounds (GC) Result Qualifier RL Unit D Dil Fac Analyte Prepared Analyzed Benzene <0.00200 U 0.00200 mg/Kg 06/23/23 11:43 06/24/23 00:02 1 Toluene <0.00200 U 0.00200 06/23/23 11:43 06/24/23 00:02 mg/Kg 1 0.00200 06/24/23 00:02 Ethylbenzene <0.00200 U mg/Kg 06/23/23 11:43 1 m-Xylene & p-Xylene <0.00401 U 0.00401 06/23/23 11:43 06/24/23 00:02 mg/Kg 1 o-Xylene <0.00200 U 0.00200 mg/Kg 06/23/23 11:43 06/24/23 00:02 1 Xylenes, Total <0.00401 U 0.00401 mg/Kg 06/23/23 11:43 06/24/23 00:02 1 Qualifier Limits Surrogate %Recovery Prepared Analyzed Dil Fac 4-Bromofluorobenzene (Surr) 107 70 - 130 06/23/23 11:43 06/24/23 00:02 1 1,4-Difluorobenzene (Surr) 103 70 - 130 06/23/23 11:43 06/24/23 00:02 1 Method: TAL SOP Total BTEX - Total BTEX Calculation Analyte **Result Qualifier** RL Unit D Prepared Analyzed Dil Fac Total BTEX <0.00401 U 06/26/23 09:47 0.00401 mg/Kg 1 Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC) Analyte Result Qualifier RL Unit D Prepared Analyzed Dil Fac mg/Kg Total TPH 262 49.9 06/26/23 11:27 Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) Analyte Result Qualifier RL Unit D Dil Fac Prepared Analyzed Gasoline Range Organics <49.9 U 49.9 mg/Kg 06/23/23 13:55 06/23/23 23:01 1 (GRO)-C6-C10 **Diesel Range Organics (Over** 155 F1 49.9 mg/Kg 06/23/23 13:55 06/23/23 23:01 1

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C10-C28)

Lab Sample ID: 890-4846-9 Matrix: Solid

Job ID: 890-4846-1 SDG: 03C2012037

Lab Sample ID: 890-4846-10

Lab Sample ID: 890-4846-11

Client Sample ID: SS10

Project/Site: Brinninstoll Unit 003H

Client: Ensolum

Comula Douthy 0.5

Date Collected: 06/21/23 12:30 Date Received: 06/21/23 15:26

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Oll Range Organics (Over C28-C36)	107		49.9	mg/Kg		06/23/23 13:55	06/23/23 23:01	
Total TPH	262	F1	49.9	mg/Kg		06/23/23 13:55	06/23/23 23:01	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130			06/23/23 13:55	06/23/23 23:01	1
o-Terphenyl	117		70 - 130			06/23/23 13:55	06/23/23 23:01	1

Method: EPA 300.0 - Anions, Ion C	hromatograp	hy - Soluble					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed
Chloride	54.9		5.01	mg/Kg			06/23/23 22:12

Client Sample ID: SS11

Date Collected: 06/21/23 12:35 Date Received: 06/21/23 15:26

Sample Depth: 0.5

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		06/23/23 11:43	06/24/23 01:47	1
Toluene	<0.00201	U	0.00201	mg/Kg		06/23/23 11:43	06/24/23 01:47	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		06/23/23 11:43	06/24/23 01:47	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		06/23/23 11:43	06/24/23 01:47	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		06/23/23 11:43	06/24/23 01:47	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		06/23/23 11:43	06/24/23 01:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130			06/23/23 11:43	06/24/23 01:47	1
1,4-Difluorobenzene (Surr)	90		70 - 130			06/23/23 11:43	06/24/23 01:47	1

Method: TAL SOP Total BTEX - T	otal BTEX Calc	ulation						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			06/26/23 09:47	1

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

Analyte	Result Q	Qualifier RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0 U	U 50.0	mg/Kg			06/26/23 11:08	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0	mg/Kg		06/22/23 13:37	06/23/23 19:56	1
(GRO)-C6-C10								
Diesel Range Organics (Over	<50.0	U	50.0	mg/Kg		06/22/23 13:37	06/23/23 19:56	1
C10-C28)								
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/22/23 13:37	06/23/23 19:56	1
Total TPH	<50.0	U	50.0	mg/Kg		06/22/23 13:37	06/23/23 19:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130			06/22/23 13:37	06/23/23 19:56	1
o-Terphenyl	101		70 - 130			06/22/23 13:37	06/23/23 19:56	1

Matrix: Solid

Dil Fac

Matrix: Solid

1

		Client	Sample Re	sults				
Client: Ensolum							Job ID: 890	
Project/Site: Brinninstoll Unit 003H							SDG: 03C2	201203
Client Sample ID: SS11						Lab Sam	ple ID: 890-4	846-1
ate Collected: 06/21/23 12:35							Matri	ix: Soli
oate Received: 06/21/23 15:26								
Sample Depth: 0.5								
- Method: EPA 300.0 - Anions, Ion C	Chromatogram	ohv - Soluble						
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Chloride	1750		24.9	mg/Kg			06/23/23 22:17	
Client Sample ID: SS12						l ah Sam	ple ID: 890-4	846-1
Date Collected: 06/21/23 12:40						Lab Gam	-	ix: Soli
Date Received: 06/21/23 15:26							Wath	x. 501
Sample Depth: 0.5								
-								
Method: SW846 8021B - Volatile O			ы	11-14		Dramanad	Analyzad	
Analyte Benzene	<0.00202	Qualifier	RL 0.00202	Unit mg/Kg	D	Prepared 06/23/23 11:43	Analyzed 06/24/23 02:12	Dil Fa
Toluene	<0.00202		0.00202	mg/Kg		06/23/23 11:43	06/24/23 02:12	
Ethylbenzene	<0.00202		0.00202	mg/Kg		06/23/23 11:43	06/24/23 02:12	
m-Xylene & p-Xylene	< 0.00202		0.00202	mg/Kg		06/23/23 11:43	06/24/23 02:12	
o-Xylene	< 0.00403		0.00202	mg/Kg		06/23/23 11:43	06/24/23 02:12	
Xylenes, Total	< 0.00202		0.00403	mg/Kg		06/23/23 11:43	06/24/23 02:12	
				0 0				
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	115		70 - 130			06/23/23 11:43	06/24/23 02:12	
1,4-Difluorobenzene (Surr)	107		70 - 130			06/23/23 11:43	06/24/23 02:12	
Method: TAL SOP Total BTEX - Tot	tal BTEX Cal	culation						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	< 0.00403	U	0.00403	mg/Kg			06/26/23 09:47	
_ Method: SW846 8015 NM - Diesel I	Pango Organ		C)					
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	<50.0		50.0	mg/Kg			06/26/23 11:08	
-								
Method: SW846 8015B NM - Diese				11-14	_	Description	A see borne al	D 11 F
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		06/22/23 13:37	06/23/23 20:19	
Diesel Range Organics (Over	<50.0	U	50.0	mg/Kg		06/22/23 13:37	06/23/23 20:19	
C10-C28)				5.5				
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/22/23 13:37	06/23/23 20:19	
Total TPH	<50.0	U	50.0	mg/Kg		06/22/23 13:37	06/23/23 20:19	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fa
1-Chlorooctane	114		70 - 130			06/22/23 13:37	06/23/23 20:19	
o-Terphenyl	104		70 - 130			06/22/23 13:37	06/23/23 20:19	
-								
Method: EPA 300.0 - Anions, Ion C			_ .		_	Dava 1	A	B -
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analvzed	Dil Fa

AnalyteResultQualifierRLUnitDPreparedAnalyzedDil FacChloride389025.1mg/Kg06/23/23 22:355

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Method: 8021B - Volatile Organic Compounds (GC) Matrix: Solid

-				Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1		
Lab Sample ID	Client Sample ID	(70-130)	(70-130)		5
890-4846-1	SS01	100	92	·	
890-4846-1 MS	SS01	95	97		6
890-4846-1 MSD	SS01	103	104		
890-4846-2	SS02	104	99		
890-4846-3	SS03	99	85		
890-4846-4	SS04	101	97		8
890-4846-5	SS05	112	94		
890-4846-6	SS06	106	106		0
890-4846-7	SS07	107	94		3
890-4846-8	SS08	100	103		
890-4846-9	SS09	109	89		
890-4846-10	SS10	107	103		
890-4846-11	SS11	103	90		
890-4846-12	SS12	115	107		
LCS 880-56200/1-A	Lab Control Sample	99	107		
LCSD 880-56200/2-A	Lab Control Sample Dup	92	99		
MB 880-56200/5-A	Method Blank	59 S1-	88		
Surrogate Legend					

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

				Percent Surroga
		1CO1	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
880-29850-A-21-E MS	Matrix Spike	120	99	·
880-29850-A-21-F MSD	Matrix Spike Duplicate	120	99	
890-4846-1	SS01	127	137 S1+	
890-4846-2	SS02	110	122	
890-4846-3	SS03	114	126	
890-4846-4	SS04	113	126	
890-4846-5	SS05	109	122	
890-4846-6	SS06	110	124	
890-4846-7	SS07	103	114	
890-4846-8	SS08	116	129	
890-4846-9	SS09	112	123	
890-4846-10	SS10	108	117	
890-4846-10 MS	SS10	101	102	
890-4846-10 MSD	SS10	112	112	
890-4846-11	SS11	111	101	
890-4846-12	SS12	114	104	
LCS 880-56098/2-A	Lab Control Sample	113	101	
LCS 880-56210/2-A	Lab Control Sample	84	96	
LCSD 880-56098/3-A	Lab Control Sample Dup	106	95	
LCSD 880-56210/3-A	Lab Control Sample Dup	99	112	
MB 880-56098/1-A	Method Blank	143 S1+	133 S1+	
MB 880-56210/1-A	Method Blank	165 S1+	184 S1+	

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6/26/2023

Prep Type: Total/NA

Prep Type: Total/NA

Received by OCD: 1/7/2025312:44:14 RM

Surrogate Summary

Client: Ensolum Project/Site: Brinninstoll Unit 003H

Surrogate Legend

1CO = 1-Chlorooctane OTPH = o-Terphenyl

5 6 7

Job ID: 890-4846-1 SDG: 03C2012037

Project/Site: Brinninstoll Unit 003H

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-56200/5-A Matrix: Solid Analysis Batch: 56227						Client Sa	mple ID: Metho Prep Type: 1 Prep Batch	Total/NA
	MB							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		06/23/23 11:43	06/23/23 19:41	1
Toluene	<0.00199	U	0.00199	mg/Kg		06/23/23 11:43	06/23/23 19:41	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		06/23/23 11:43	06/23/23 19:41	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		06/23/23 11:43	06/23/23 19:41	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		06/23/23 11:43	06/23/23 19:41	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		06/23/23 11:43	06/23/23 19:41	1
	МВ	МВ						
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	59	S1-	70 - 130			06/23/23 11:43	06/23/23 19:41	1
1,4-Difluorobenzene (Surr)	88		70 - 130			06/23/23 11:43	06/23/23 19:41	1
Lab Sample ID: LCS 880-56200/1-A Matrix: Solid					C	lient Sample I	D: Lab Control Prep Type: 1	

Analysis Batch: 56227

Spike	LCS	LCS			%Rec
Analyte Addec	Result	Qualifier Unit	D	%Rec	Limits
Benzene 0.100	0.1193	mg/Kg		119	70 - 130
Toluene 0.100	0.1129	mg/Kg		113	70 - 130
Ethylbenzene 0.100	0.1162	mg/Kg		116	70 - 130
m-Xylene & p-Xylene 0.200	0.2352	mg/Kg		118	70 - 130
o-Xylene 0.100	0.1132	mg/Kg		113	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: LCSD 880-56200/2-A

Matrix: Solid Laste Date

Analysis Batch: 56227							Prep	Batch:	56200
	Spike	LCSD L	LCSD				%Rec		RPD
Analyte	Added	Result C	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.1125		mg/Kg		112	70 - 130	6	35
Toluene	0.100	0.1097		mg/Kg		110	70 - 130	3	35
Ethylbenzene	0.100	0.1053		mg/Kg		105	70 - 130	10	35
m-Xylene & p-Xylene	0.200	0.2124		mg/Kg		106	70 - 130	10	35
o-Xylene	0.100	0.1103		mg/Kg		110	70 - 130	3	35

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	92		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 890-4846-1 MS Matrix: Solid

Analysis Batch: 56227

Analysis Batch: 56227									Prep	Batch: 56200
	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00198	U	0.101	0.1141		mg/Kg		113	70 - 130	
Toluene	<0.00198	U	0.101	0.1134		mg/Kg		112	70 - 130	

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Client Sample ID: SS01

Prep Type: Total/NA

13

Job ID: 890-4846-1 SDG: 03C2012037

Prep Batch: 56200

Prep Type: Total/NA

Client Sample ID: Lab Control Sample Dup

MS MS

0.1074

0.2156

0.1073

Result Qualifier

Unit

mg/Kg

mg/Kg

mg/Kg

Spike

Added

0.101

0.202

0.101

Limits

70 - 130

70 - 130

Client: Ensolum Project/Site: Brinninstoll Unit 003H

Lab Sample ID: 890-4846-1 MS

Analysis Batch: 56227

4-Bromofluorobenzene (Surr)

Lab Sample ID: 890-4846-1 MSD

1,4-Difluorobenzene (Surr)

Matrix: Solid

Analyte

o-Xylene

Surrogate

Ethylbenzene

m-Xylene & p-Xylene

Sample Sample

<0.00198

<0.00396 U

<0.00198 U

%Recovery

Result Qualifier

U

MS MS

95

97

Qualifier

%Rec

Limits

70 - 130

70 - 130

70 - 130

%Rec

107

107

106

D

Client Sample ID: SS01 Prep Type: Total/NA Prep Batch: 56200 7

Client Sample ID: SS01 Δ 00

	9	
		6

Lub Gumpie ib. 000 4040 i										inpic ib.	
Matrix: Solid									Prep 1	ype: To	tal/NA
Analysis Batch: 56227									Prep	Batch:	56200
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00198	U	0.100	0.1299		mg/Kg		130	70 - 130	13	35
Toluene	<0.00198	U	0.100	0.1242		mg/Kg		124	70 - 130	9	35
Ethylbenzene	<0.00198	U	0.100	0.1199		mg/Kg		120	70 - 130	11	35
m-Xylene & p-Xylene	<0.00396	U	0.200	0.2418		mg/Kg		121	70 - 130	11	35
o-Xylene	<0.00198	U	0.100	0.1199		mg/Kg		120	70 - 130	11	35
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	103		70 - 130								
1,4-Difluorobenzene (Surr)	104		70 - 130								

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

Matrix: Solid Analysis Batch: 56145							Prep Type: 1	otal/NA
Analysis Batch: 56145								
-							Prep Batch	1: 5609 8
	МВ	МВ						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		06/22/23 13:37	06/23/23 09:08	1
Diesel Range Organics (Over	<50.0	U	50.0	mg/Kg		06/22/23 13:37	06/23/23 09:08	1
C10-C28)								
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/22/23 13:37	06/23/23 09:08	1
Total TPH	<50.0	U	50.0	mg/Kg		06/22/23 13:37	06/23/23 09:08	1
	МВ	МВ						
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	143	S1+	70 - 130			06/22/23 13:37	06/23/23 09:08	1
o-Terphenyl	133	S1+	70 - 130			06/22/23 13:37	06/23/23 09:08	1

Matrix: Solid Prep Type: Total/NA Analysis Batch: 56145 Prep Batch: 56098 LCS LCS %Rec Spike Analyte Added **Result Qualifier** Limits Unit D %Rec Gasoline Range Organics 1000 909.5 mg/Kg 91 70 - 130

(GRO)-C6-C10

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Released to Imaging: 3/31/2025 9:28:5193AM

Client: Ensolum Project/Site: Brinninstoll Unit 003H

Job ID: 890-4846-1 SDG: 03C2012037

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

Lab Sample ID: LCS 880-56 Matrix: Solid	098/2-A						Client	t Sample		ype: To	tal/N/
Analysis Batch: 56145										Batch:	5609
			Spike	LCS	LCS				%Rec		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Diesel Range Organics (Over C10-C28)			1000	943.2		mg/Kg		94	70 - 130		
Surrogato		LCS Qualifier	Limits								
Surrogate 1-Chlorooctane	%Recovery 	Quaimer	70 - 130								
o-Terphenyl	113		70 - 130 70 - 130								
o-reipinenyi	101		70 - 730								
Lab Sample ID: LCSD 880-5 Matrix: Solid	6098/3-A					Clie	nt San	nple ID: I	Lab Contro Prep 1	l Sampl Type: To	
Analysis Batch: 56145										Batch:	
•			Spike	LCSD	LCSD				%Rec		RP
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Lim
Gasoline Range Organics (GRO)-C6-C10			1000	989.2		mg/Kg		99	70 - 130	8	2
Diesel Range Organics (Over C10-C28)			1000	968.7		mg/Kg		97	70 - 130	3	2
	LCSD	LCSD									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	106		70 - 130								
o-Terphenyl	95		70 - 130								
Matrix: Solid Analysis Batch: 56145	Sample	Sample	Spike	MS	MS					Spe: To Batch:	
Analyte		Qualifier	Added		Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9		1000	1044		mg/Kg		102	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	1017		mg/Kg		97	70 - 130		
	MS	MS									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	120		70 - 130								
o-Terphenyl	99		70 - 130								
Lab Sample ID: 880-29850-4	A-21-F MSD					CI	lient S	ample ID): Matrix Sp		
Matrix: Solid										Type: To Ratch:	
Analysis Batch: 56145	Sampla	Sample	Spike	Men	MSD				%Rec	Batch:	5609 RP
Analyte	-	Sample Qualifier	Added		Qualifier	Unit	D	%Rec	Limits	RPD	Lim
Gasoline Range Organics GRO)-C6-C10			998	1018		mg/Kg		100	70 - 130	2	2
Diesel Range Organics (Over C10-C28)	<49.9	U	998	1034		mg/Kg		99	70 - 130	2	2
	MSD	MSD									
Surrogate	%Recovery		Limits								
-											
1-Chlorooctane	120		70 - 130								

99

o-Terphenyl

70 - 130

Client: Ensolum Project/Site: Brinninstoll Unit 003H

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

Lab Sample ID: MB 880-56210/ Matrix: Solid Analysis Batch: 56147	1-A											Client Sa	Prep	: Methoo Type: To p Batch	otal/NA
Analysis Batch. 00147		мв	МВ										110	p Daten	
Analyte	Re		Qualifier		RL		U	Init		D	Pi	repared	Analy	vzed	Dil Fac
Gasoline Range Organics		50.0			50.0			ng/Kg		_		3/23 13:55	06/23/23		1
Diesel Range Organics (Over	<{	50.0	U	5	50.0		m	ng/Kg			06/23	3/23 13:55	06/23/23	3 21:52	1
C10-C28) Oll Range Organics (Over C28-C36)	</td <td>50.0</td> <td>U</td> <td>5</td> <td>50.0</td> <td></td> <td>m</td> <td>ng/Kg</td> <td></td> <td></td> <td>06/23</td> <td>3/23 13:55</td> <td>06/23/23</td> <td>3 21:52</td> <td>1</td>	50.0	U	5	50.0		m	ng/Kg			06/23	3/23 13:55	06/23/23	3 21:52	1
Total TPH		50.0			50.0			ng/Kg				3/23 13:55	06/23/23		· · · · · · 1
		ΜВ	МВ												
Surrogate	%Recov		Qualifier	Limits	;						PI	repared	Anal	vzed	Dil Fac
1-Chlorooctane			S1+	70 - 13								3/23 13:55	06/23/2		1
o-Terphenyl		184	S1+	70 - 13	30						06/2	3/23 13:55	06/23/2	3 21:52	1
Lab Sample ID: LCS 880-56210 Matrix: Solid Analysis Batch: 56147	/2-A									С	lient	Sample I	Prep	Control S Type: To p Batch	otal/NA
				Spike		LCS	LCS						%Rec		
Analyte				Added		Result	Qualifie	er	Unit		D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10				1000		997.7			mg/Kg		_	100	70 - 130		
Diesel Range Organics (Over C10-C28)				1000		943.5			mg/Kg			94	70 - 130		
	LCS	LCS													
Surrogate	%Recovery	Qual	ifier	Limits											
1-Chlorooctane	84			70 - 130											
o-Terphenyl	96			70 - 130											
Lab Sample ID: LCSD 880-5621	0/3-A								Cli	ent	Sam	ple ID: La	ab Contr	ol Samp	ole Dup
Matrix: Solid													Prep	Type: To	otal/NA
Analysis Batch: 56147													Pre	p Batch	: 56210
				Spike		LCSD	LCSD						%Rec		RPD
Analyte				Added			Qualifie	er	Unit		<u>D</u>	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10				1000		1010			mg/Kg			101	70 - 130	1	20
Diesel Range Organics (Over C10-C28)				1000		975.5			mg/Kg			98	70 - 130	3	20
	LCSD	LCSI	0												
Surrogate	%Recovery	Qual	ifier	Limits											
1-Chlorooctane	99			70 - 130											
o-Terphenyl	112			70 - 130											
Lab Sample ID: 890-4846-10 M	5											(Client Sa	ample ID): SS10
Matrix: Solid													Prep	Type: To	otal/NA
Analysis Batch: 56147														p Batch	
	Sample	Sam	ole	Spike		MS	MS						%Rec		
Analyte	Result	Qual	ifier	Added	I	Result	Qualifie	er	Unit		D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U		999		867.4			mg/Kg		_	87	70 - 130		
Diesel Range Organics (Over	155	F1		999		782.1	F1		mg/Kg			63	70 - 130		

Job ID: 890-4846-1

SDG: 03C2012037

Released to Imaging: 3/31/2025 91286193AMM

C10-C28)

Client: Ensolum Project/Site: Brinninstoll Unit 003H

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

Lab Sample ID: 890-4846-10 MS	
Matrix: Solid	
Analysis Batch: 56147	

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	101		70 - 130
o-Terphenyl	102		70 _ 130

Lab Sample ID: 890-4846-10 MSD Matrix: Solid

Matrix: Solid Analysis Batch: 56147										Type: Tot Batch:	
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	970.1		mg/Kg		97	70 - 130	11	20
Diesel Range Organics (Over C10-C28)	155	F1	999	880.9		mg/Kg		73	70 - 130	12	20
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	112		70 - 130								
o-Terphenyl	112		70 _ 130								

Lab Sample ID: MB 880-56174/1-A									Client	Sample ID:		
Matrix: Solid										Prep	Type: S	oluble
Analysis Batch: 56235												
	M											
Analyte	Resu	It Qualifier		RL		Unit		D	Prepared	Analyz	ed	Dil Fac
Chloride	<5.0	0 U		5.00		mg/K	ģ			06/23/23	20:38	1
Lab Sample ID: LCS 880-56174/2-	A							Clie	nt Sample	e ID: Lab C	ontrol S	ample
Matrix: Solid										Prep	Type: S	oluble
Analysis Batch: 56235												
			Spike		LCS	LCS				%Rec		
Analyte			Added		Result	Qualifier	Unit	D	%Rec	Limits		
Chloride			250		250.5		mg/Kg		100	90 - 110		
Lab Sample ID: LCSD 880-56174/3	8-A						CI	ient Sa	mple ID:	Lab Contro	I Samp	le Dup
Matrix: Solid									- C		Type: S	
Analysis Batch: 56235												
			Spike		LCSD	LCSD				%Rec		RPD
Analyte			Added		Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride			250		250.4		mg/Kg		100	90 - 110	0	20
Lab Sample ID: 890-4846-1 MS										Client Sa	mple ID	: SS01
Matrix: Solid										Prep	Type: S	oluble
Analysis Batch: 56235											~ •	
-	Sample Sa	mple	Spike		MS	MS				%Rec		
Analyte	Result Qu	alifier	Added		Result	Qualifier	Unit	D	%Rec	Limits		
Chloride	34.1		252		279.6		mg/Kg		97	90 - 110		

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Job ID: 890-4846-1 SDG: 03C2012037

Client Sample ID: SS10 Prep Type: Total/NA Prep Batch: 56210

Client Sample ID: SS10

Method: 300.0 - Anions, Ion Chromatography

Project/Site: Brinninstoll Unit 003H

Client: Ensolum

Job ID: 890-4846-1 SDG: 03C2012037

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-4846-1 MSD Matrix: Solid								Client Sa Prep	nple ID: Type: So			
Analysis Batch: 56235	Sampla	Sample	Spike	Men	MSD				%Rec		RPD	
Analyte		Qualifier	Added		Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Chloride	34.1	Quaimer			Quaimer			98	90 - 110	0	20	
Chionde	34.1		252	280.3		mg/Kg		90	90 - 110	0	20	
Lab Sample ID: 890-4846-11 MS Client S					Client Sa	mple ID:	SS11					
Matrix: Solid									Prep Type: Soluble			
Analysis Batch: 56235												
	Sample	Sample	Spike	MS	MS				%Rec			
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Chloride	1750		1250	3105		mg/Kg		109	90 _ 110			
Lab Sample ID: 890-4846-11 MSD									Client Sa	mple ID:	SS11	
Matrix: Solid									Prep	· Type: So	oluble	
Analysis Batch: 56235												
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	

Released to Imaging: 3/31/2025 91286193AMM

QC Association Summary

Client: Ensolum Project/Site: Brinninstoll Unit 003H Job ID: 890-4846-1 SDG: 03C2012037

GC VOA

Prep Batch: 56200

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
890-4846-1	SS01	Total/NA	Solid	5035	
890-4846-2	SS02	Total/NA	Solid	5035	
890-4846-3	SS03	Total/NA	Solid	5035	
890-4846-4	SS04	Total/NA	Solid	5035	
890-4846-5	SS05	Total/NA	Solid	5035	
890-4846-6	SS06	Total/NA	Solid	5035	
890-4846-7	SS07	Total/NA	Solid	5035	
890-4846-8	SS08	Total/NA	Solid	5035	
890-4846-9	SS09	Total/NA	Solid	5035	
890-4846-10	SS10	Total/NA	Solid	5035	
890-4846-11	SS11	Total/NA	Solid	5035	
890-4846-12	SS12	Total/NA	Solid	5035	
MB 880-56200/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-56200/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-56200/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-4846-1 MS	SS01	Total/NA	Solid	5035	
890-4846-1 MSD	SS01	Total/NA	Solid	5035	

Analysis Batch: 56227

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4846-1	SS01	Total/NA	Solid	8021B	56200
890-4846-2	SS02	Total/NA	Solid	8021B	56200
890-4846-3	SS03	Total/NA	Solid	8021B	56200
890-4846-4	SS04	Total/NA	Solid	8021B	56200
890-4846-5	SS05	Total/NA	Solid	8021B	56200
890-4846-6	SS06	Total/NA	Solid	8021B	56200
890-4846-7	SS07	Total/NA	Solid	8021B	56200
890-4846-8	SS08	Total/NA	Solid	8021B	56200
890-4846-9	SS09	Total/NA	Solid	8021B	56200
890-4846-10	SS10	Total/NA	Solid	8021B	56200
890-4846-11	SS11	Total/NA	Solid	8021B	56200
890-4846-12	SS12	Total/NA	Solid	8021B	56200
MB 880-56200/5-A	Method Blank	Total/NA	Solid	8021B	56200
LCS 880-56200/1-A	Lab Control Sample	Total/NA	Solid	8021B	56200
LCSD 880-56200/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	56200
890-4846-1 MS	SS01	Total/NA	Solid	8021B	56200
890-4846-1 MSD	SS01	Total/NA	Solid	8021B	56200

Analysis Batch: 56311

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
890-4846-1	SS01	Total/NA	Solid	Total BTEX	
890-4846-2	SS02	Total/NA	Solid	Total BTEX	
890-4846-3	SS03	Total/NA	Solid	Total BTEX	
890-4846-4	SS04	Total/NA	Solid	Total BTEX	
890-4846-5	SS05	Total/NA	Solid	Total BTEX	
890-4846-6	SS06	Total/NA	Solid	Total BTEX	
890-4846-7	SS07	Total/NA	Solid	Total BTEX	
890-4846-8	SS08	Total/NA	Solid	Total BTEX	
890-4846-9	SS09	Total/NA	Solid	Total BTEX	
890-4846-10	SS10	Total/NA	Solid	Total BTEX	
890-4846-11	SS11	Total/NA	Solid	Total BTEX	

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Job ID: 890-4846-1 SDG: 03C2012037

GC VOA (Continued)

Analysis Batch: 56311 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4846-12	SS12	Total/NA	Solid	Total BTEX	
CC Sami VOA					

GC Semi VOA

Prep Batch: 56098

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
890-4846-11	SS11	Total/NA	Solid	8015NM Prep	
890-4846-12	SS12	Total/NA	Solid	8015NM Prep	
MB 880-56098/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-56098/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-56098/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-29850-A-21-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-29850-A-21-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 56145

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch	
890-4846-11	SS11	Total/NA	Solid	8015B NM	56098	
890-4846-12	SS12	Total/NA	Solid	8015B NM	56098	ī
MB 880-56098/1-A	Method Blank	Total/NA	Solid	8015B NM	56098	
LCS 880-56098/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	56098	ī.
LCSD 880-56098/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	56098	
880-29850-A-21-E MS	Matrix Spike	Total/NA	Solid	8015B NM	56098	
880-29850-A-21-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	56098	

Analysis Batch: 56147

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4846-1	SS01	Total/NA	Solid	8015B NM	56210
890-4846-2	SS02	Total/NA	Solid	8015B NM	56210
890-4846-3	SS03	Total/NA	Solid	8015B NM	56210
890-4846-4	SS04	Total/NA	Solid	8015B NM	56210
890-4846-5	SS05	Total/NA	Solid	8015B NM	56210
890-4846-6	SS06	Total/NA	Solid	8015B NM	56210
890-4846-7	SS07	Total/NA	Solid	8015B NM	56210
890-4846-8	SS08	Total/NA	Solid	8015B NM	56210
890-4846-9	SS09	Total/NA	Solid	8015B NM	56210
890-4846-10	SS10	Total/NA	Solid	8015B NM	56210
MB 880-56210/1-A	Method Blank	Total/NA	Solid	8015B NM	56210
LCS 880-56210/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	56210
LCSD 880-56210/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	56210
890-4846-10 MS	SS10	Total/NA	Solid	8015B NM	56210
890-4846-10 MSD	SS10	Total/NA	Solid	8015B NM	56210

Prep Batch: 56210

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
890-4846-1	SS01	Total/NA	Solid	8015NM Prep	
890-4846-2	SS02	Total/NA	Solid	8015NM Prep	
890-4846-3	SS03	Total/NA	Solid	8015NM Prep	
890-4846-4	SS04	Total/NA	Solid	8015NM Prep	
890-4846-5	SS05	Total/NA	Solid	8015NM Prep	
890-4846-6	SS06	Total/NA	Solid	8015NM Prep	
890-4846-7	SS07	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Ensolum Project/Site: Brinninstoll Unit 003H

GC Semi VOA (Continued)

Prep Batch: 56210 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4846-8	SS08	Total/NA	Solid	8015NM Prep	
890-4846-9	SS09	Total/NA	Solid	8015NM Prep	
890-4846-10	SS10	Total/NA	Solid	8015NM Prep	
MB 880-56210/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-56210/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-56210/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-4846-10 MS	SS10	Total/NA	Solid	8015NM Prep	
890-4846-10 MSD	SS10	Total/NA	Solid	8015NM Prep	

Analysis Batch: 56344

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batcl
890-4846-1	SS01	Total/NA	Solid	8015 NM	
390-4846-2	SS02	Total/NA	Solid	8015 NM	
390-4846-3	SS03	Total/NA	Solid	8015 NM	
390-4846-4	SS04	Total/NA	Solid	8015 NM	
390-4846-5	SS05	Total/NA	Solid	8015 NM	
90-4846-6	SS06	Total/NA	Solid	8015 NM	
390-4846-7	SS07	Total/NA	Solid	8015 NM	
90-4846-8	SS08	Total/NA	Solid	8015 NM	
390-4846-9	SS09	Total/NA	Solid	8015 NM	
390-4846-10	SS10	Total/NA	Solid	8015 NM	
390-4846-11	SS11	Total/NA	Solid	8015 NM	
390-4846-12	SS12	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 56174

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batcl
890-4846-1	SS01	Soluble	Solid	DI Leach	
890-4846-2	SS02	Soluble	Solid	DI Leach	
890-4846-3	SS03	Soluble	Solid	DI Leach	
890-4846-4	SS04	Soluble	Solid	DI Leach	
890-4846-5	SS05	Soluble	Solid	DI Leach	
890-4846-6	SS06	Soluble	Solid	DI Leach	
890-4846-7	SS07	Soluble	Solid	DI Leach	
890-4846-8	SS08	Soluble	Solid	DI Leach	
890-4846-9	SS09	Soluble	Solid	DI Leach	
890-4846-10	SS10	Soluble	Solid	DI Leach	
890-4846-11	SS11	Soluble	Solid	DI Leach	
890-4846-12	SS12	Soluble	Solid	DI Leach	
MB 880-56174/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-56174/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-56174/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-4846-1 MS	SS01	Soluble	Solid	DI Leach	
890-4846-1 MSD	SS01	Soluble	Solid	DI Leach	
890-4846-11 MS	SS11	Soluble	Solid	DI Leach	
890-4846-11 MSD	SS11	Soluble	Solid	DI Leach	

Analysis Batch: 56235

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4846-1	SS01	Soluble	Solid	300.0	56174

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Job ID: 890-4846-1 SDG: 03C2012037

QC Association Summary

Client: Ensolum Project/Site: Brinninstoll Unit 003H

HPLC/IC (Continued)

Analysis Batch: 56235 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4846-2	SS02	Soluble	Solid	300.0	56174
890-4846-3	SS03	Soluble	Solid	300.0	56174 0
890-4846-4	SS04	Soluble	Solid	300.0	56174
890-4846-5	SS05	Soluble	Solid	300.0	56174 6
890-4846-6	SS06	Soluble	Solid	300.0	56174
890-4846-7	SS07	Soluble	Solid	300.0	56174
890-4846-8	SS08	Soluble	Solid	300.0	56174
890-4846-9	SS09	Soluble	Solid	300.0	56174 8
890-4846-10	SS10	Soluble	Solid	300.0	56174
890-4846-11	SS11	Soluble	Solid	300.0	56174 9
890-4846-12	SS12	Soluble	Solid	300.0	56174
MB 880-56174/1-A	Method Blank	Soluble	Solid	300.0	56174 1 (
LCS 880-56174/2-A	Lab Control Sample	Soluble	Solid	300.0	56174
LCSD 880-56174/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	56174
890-4846-1 MS	SS01	Soluble	Solid	300.0	56174
890-4846-1 MSD	SS01	Soluble	Solid	300.0	56174
890-4846-11 MS	SS11	Soluble	Solid	300.0	56174
890-4846-11 MSD	SS11	Soluble	Solid	300.0	56174 13

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Job ID: 890-4846-1 SDG: 03C2012037

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Job ID: 890-4846-1 SDG: 03C2012037

Lab Sample ID: 890-4846-1 Matrix: Solid

Lab Sample ID: 890-4846-2

Matrix: Solid

Date Collected: 06/21/23 11:30 Date Received: 06/21/23 15:26

Client Sample ID: SS01

Project/Site: Brinninstoll Unit 003H

Client: Ensolum

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	56200	06/23/23 11:43	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	56227	06/23/23 20:07	SM	EET MID
Total/NA	Analysis	Total BTEX		1			56311	06/26/23 09:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			56344	06/26/23 11:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	56210	06/23/23 13:55	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	56147	06/24/23 00:09	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	56174	06/23/23 10:39	KS	EET MID
Soluble	Analysis	300.0		1			56235	06/23/23 20:56	SMC	EET MID

Client Sample ID: SS02

Date Collected: 06/21/23 11:35

Date Received: 06/21/23 15:26

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Ргер Туре	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	56200	06/23/23 11:43	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	56227	06/23/23 20:33	SM	EET MID
Total/NA	Analysis	Total BTEX		1			56311	06/26/23 09:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			56344	06/26/23 11:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	56210	06/23/23 13:55	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	56147	06/24/23 00:31	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	56174	06/23/23 10:39	KS	EET MID
Soluble	Analysis	300.0		1			56235	06/23/23 21:13	SMC	EET MID

Client Sample ID: SS03

Date Collected: 06/21/23 11:40

Date	Received:	06/21/23	15:26

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	56200	06/23/23 11:43	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	56227	06/23/23 21:00	SM	EET MID
Total/NA	Analysis	Total BTEX		1			56311	06/26/23 09:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			56344	06/26/23 11:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	56210	06/23/23 13:55	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	56147	06/24/23 00:54	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	56174	06/23/23 10:39	KS	EET MID
Soluble	Analysis	300.0		1			56235	06/23/23 21:19	SMC	EET MID

Client Sample ID: SS04 Date Collected: 06/21/23 11:45 Date Received: 06/21/23 15:26

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	56200	06/23/23 11:43	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	56227	06/23/23 21:26	SM	EET MID
Total/NA	Analysis	Total BTEX		1			56311	06/26/23 09:47	SM	EET MID

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Matrix: Solid

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Lab Sample ID: 890-4846-3 Matrix: Solid

Lab Sample ID: 890-4846-4

Job ID: 890-4846-1 SDG: 03C2012037

Lab Sample ID: 890-4846-4 Matrix: Solid

Lab Sample ID: 890-4846-5

Matrix: Solid

Date Collected: 06/21/23 11:45 Date Received: 06/21/23 15:26

Client Sample ID: SS04

Project/Site: Brinninstoll Unit 003H

Client: Ensolum

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Ргер Туре	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			56344	06/26/23 11:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	56210	06/23/23 13:55	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	56147	06/24/23 01:17	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	56174	06/23/23 10:39	KS	EET MID
Soluble	Analysis	300.0		1			56235	06/23/23 21:25	SMC	EET MID

Client Sample ID: SS05 Date Collected: 06/21/23 12:00

Date Received: 06/21/23 15:26

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	56200	06/23/23 11:43	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	56227	06/23/23 21:52	SM	EET MID
Total/NA	Analysis	Total BTEX		1			56311	06/26/23 09:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			56344	06/26/23 11:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	56210	06/23/23 13:55	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	56147	06/24/23 01:39	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	56174	06/23/23 10:39	KS	EET MID
Soluble	Analysis	300.0		1			56235	06/23/23 21:31	SMC	EET MID

Client Sample ID: SS06

Date Collected: 06/21/23 12:05 Date Received: 06/21/23 15:26

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	56200	06/23/23 11:43	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	56227	06/23/23 22:18	SM	EET MID
Total/NA	Analysis	Total BTEX		1			56311	06/26/23 09:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			56344	06/26/23 11:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	56210	06/23/23 13:55	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	56147	06/24/23 02:01	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	56174	06/23/23 10:39	KS	EET MID
Soluble	Analysis	300.0		1			56235	06/23/23 21:48	SMC	EET MID

Client Sample ID: SS07 Date Collected: 06/21/23 12:10

Date Received: 06/21/23 15:26

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	56200	06/23/23 11:43	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	56227	06/23/23 22:44	SM	EET MID
Total/NA	Analysis	Total BTEX		1			56311	06/26/23 09:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			56344	06/26/23 11:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	56210	06/23/23 13:55	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	56147	06/24/23 02:23	SM	EET MID

Eurofins Carlsbad

Lab Sample ID: 890-4846-6 Matrix: Solid

Lab Sample ID: 890-4846-7

Matrix: Solid

Project/Site: Brinninstoll Unit 003H

Lab Chronicle

Job ID: 890-4846-1 SDG: 03C2012037

Lab Sample ID: 890-4846-7

Lab Sample ID: 890-4846-8

Lab Sample ID: 890-4846-9

Matrix: Solid

Matrix: Solid

Matrix: Solid

9

Date Collected: 06/21/23 12:10 Date Received: 06/21/23 15:26

Client Sample ID: SS07

Client: Ensolum

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Ргер Туре	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.95 g	50 mL	56174	06/23/23 10:39	KS	EET MID
Soluble	Analysis	300.0		1			56235	06/23/23 21:54	SMC	EET MID

Client Sample ID: SS08

Date Collected: 06/21/23 12:15 Date Received: 06/21/23 15:26

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Ргер Туре	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	56200	06/23/23 11:43	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	56227	06/23/23 23:10	SM	EET MID
Total/NA	Analysis	Total BTEX		1			56311	06/26/23 09:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			56344	06/26/23 11:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	56210	06/23/23 13:55	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	56147	06/24/23 02:45	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	56174	06/23/23 10:39	KS	EET MID
Soluble	Analysis	300.0		1			56235	06/23/23 22:00	SMC	EET MID

Client Sample ID: SS09 Date Collected: 06/21/23 12:25

Date Received: 06/21/23 15:26

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	56200	06/23/23 11:43	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	56227	06/23/23 23:36	SM	EET MID
Total/NA	Analysis	Total BTEX		1			56311	06/26/23 09:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			56344	06/26/23 11:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	56210	06/23/23 13:55	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	56147	06/24/23 03:08	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	56174	06/23/23 10:39	KS	EET MID
Soluble	Analysis	300.0		1			56235	06/23/23 22:06	SMC	EET MID

Client Sample ID: SS10 Date Collected: 06/21/23 12:30 Date Received: 06/21/23 15:26

Lab Sample ID: 890-4846-10

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	56200	06/23/23 11:43	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	56227	06/24/23 00:02	SM	EET MID
Total/NA	Analysis	Total BTEX		1			56311	06/26/23 09:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			56344	06/26/23 11:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	56210	06/23/23 13:55	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	56147	06/23/23 23:01	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	56174	06/23/23 10:39	KS	EET MID
Soluble	Analysis	300.0		1			56235	06/23/23 22:12	SMC	EET MID

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Project/Site: Brinninstoll Unit 003H

Client Sample ID: SS11

Date Collected: 06/21/23 12:35

Date Received: 06/21/23 15:26

Batch

Туре

Prep

Analysis

Analysis

Analysis

Analysis

Analysis

Leach

Prep

Batch

Method

5035

8021B

Total BTEX

8015NM Prep

8015B NM

DI Leach

300.0

8015 NM

Client: Ensolum

Prep Type

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Soluble

Soluble

Initial

Amount

4.97 g

5 mL

10.00 g

1 uL

5.02 g

Final

Amount

5 mL

5 mL

10 mL

1 uL

50 mL

Batch

56200

56227

56311

56344

56098

56145

56174

56235

Number

Dil

1

1

1

1

5

Factor

Run

Job ID: 890-4846-1 SDG: 03C2012037

Lab Sample ID: 890-4846-11

Analyst

EL

SM

SM

SM

AJ

SM

ĸs

SMC

Prepared

or Analyzed

06/23/23 11:43

06/24/23 01:47

06/26/23 09:47

06/26/23 11:08

06/22/23 13:37

06/23/23 19:56

06/23/23 10:39

06/23/23 22:17

Matrix: Solid

Lab

EET MID

4 5 6 7 8 9

Lab Sample ID: 890-4846-12 Matrix: Solid

Client Sample ID: SS12 Date Collected: 06/21/23 12:40

Date Received: 06/21/23 15:26

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Туре	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	56200	06/23/23 11:43	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	56227	06/24/23 02:12	SM	EET MID
Total/NA	Analysis	Total BTEX		1			56311	06/26/23 09:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			56344	06/26/23 11:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	56098	06/22/23 13:37	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	56145	06/23/23 20:19	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	56174	06/23/23 10:39	KS	EET MID
Soluble	Analysis	300.0		5			56235	06/23/23 22:35	SMC	EET MID

Laboratory References:

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

Eurofins Carlsbad

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Accreditation/Certification Summary

Client: Ensolum Project/Site: Brinninstoll Unit 003H

Laboratory: Eurofins Midland

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

uthority	F	Program	Identification Number	Expiration Date	
exas	Ν	NELAP	T104704400-22-25	06-30-23	
The following analytes the agency does not of		out the laboratory is not certif	fied by the governing authority. This list ma	ay include analytes for	
8 ,		Matrix	Δnalvte		
Analysis Method	Prep Method	Matrix	Analyte Total TPH		
0,		Matrix Solid Solid	Analyte Total TPH Total TPH		

Eurofins Carlsbad

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Job ID: 890-4846-1

SDG: 03C2012037

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Method Summary

Client: Ensolum Project/Site: Brinninstoll Unit 003H Job ID: 890-4846-1 SDG: 03C2012037

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 Refe	rences:		
ASTM = A	STM International		
EPA = US	Environmental Protection Agency		
SW846 =	"Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Ed	ition, November 1986 And Its Updates.	
TAL SOP	= TestAmerica Laboratories, Standard Operating Procedure		
Laboratory R	eferences:		
EET MID :	= Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440		

Laboratory References:

Eurofins Carlsbad

Released to Imaging: 3/31/2025 91286193AMM

Sample Summary

Client: Ensolum Project/Site: Brinninstoll Unit 003H

Job ID: 890-4846-1
SDG: 03C2012037
SDG: 03C2012037

.ab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth	
390-4846-1	SS01	Solid	06/21/23 11:30	06/21/23 15:26	0.5	
390-4846-2	SS02	Solid	06/21/23 11:35	06/21/23 15:26	0.5	
390-4846-3	SS03	Solid	06/21/23 11:40	06/21/23 15:26	0.5	Ę
390-4846-4	SS04	Solid	06/21/23 11:45	06/21/23 15:26	0.5	
390-4846-5	SS05	Solid	06/21/23 12:00	06/21/23 15:26	0.5	
390-4846-6	SS06	Solid	06/21/23 12:05	06/21/23 15:26	0.5	
390-4846-7	SS07	Solid	06/21/23 12:10	06/21/23 15:26	0.5	
390-4846-8	SS08	Solid	06/21/23 12:15	06/21/23 15:26	0.5	
390-4846-9	SS09	Solid	06/21/23 12:25	06/21/23 15:26	0.5	
90-4846-10	SS10	Solid	06/21/23 12:30	06/21/23 15:26	0.5	
390-4846-11	SS11	Solid	06/21/23 12:35	06/21/23 15:26	0.5	
90-4846-12	SS12	Solid	06/21/23 12:40	06/21/23 15:26	0.5	
						1
						1

PM

Received by OCD: 1/7/202532:44:14

eurofins Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300 Environment Testing Work Order No: Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334 Xenco EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296 Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199 Page www.xenco.com Work Order Comments Project Manager: Hadlie Green Bill to: (if different) Kalei Jennings Program: UST/PST PRP Brownfields RRC Superfund Ensolum, LLC Ensolum, LLC Company Name: Company Name: State of Project: Address: 601 N Marienfeld St Suite 400 Address: 601 N Marienfeld St Suite 400 Reporting: Level II CLevel III PST/UST TRRP Level IV Midland, TX 79701 Midland, TX 79701 City, State ZIP: City, State ZIP: Deliverables: EDD ADaPT Other: 432-557-8895 Email: hgreen@ensolum.com, kjennings@ensolum.com Phone: **Preservative Codes** ANALYSIS REQUEST Brinninstool Unit 003H **Turn Around** Project Name: Pres. DI Water: H₂O Rush None: NO Routine Project Number: 03C2012037 Code MeOH: Me Cool: Cool Project Location: 32.29733,-103.58598 Due Date: HNO3: HN HCL: HC Sampler's Name: Peter Van Patten TAT starts the day received by H2S04: H2 NaOH: Na the lab, if received by 4:30pm PO #: Parameters H₃PO₄: HP SAMPLE RECEIPT Temp Blank: Yes No Wet Ice: Yès No CHLORIDES (EPA: 300.0) NaHSO4: NABIS Samples Received Intact: (Yes) No Thermometer ID: Th 00 Na2S2O3: NaSO3 Cooler Custody Seals: No N/A Correction Factor: Yes 3 Zn Acetate+NaOH: Zn Temperature Reading: Yes No N/A Sample Custody Seals: H 0 890-4846 Chain of Custody BTEX (8021) NaOH+Ascorbic Acid: SAPC Ó Total Containers: Corrected Temperature: 2 TPH (8015) Grab/ # of Date Time Sample Comments Sample Identification Matrix Depth Cont Sampled Sampled Comp 6/21/2023 х x x Soil 0.5 Comp 1 SS01 1130 6/21/2023 0.5 Comp х x х SS02 1135 1 Soil 6/21/2023 0.5 Comp х х x SS03 Soil 1140 1 SS04 Soil 6/21/2023 1145 0.5 Comp 1 X x х 0.5 Comp SS05 Soil 6/21/2023 1200 1 х х х 0.5 Comp x SS06 Soil 6/21/2023 1205 1 х х Soil 0.5 Comp 1 х х x SS07 6/21/2023 1210 Soil SS08 6/21/2023 1215 0.5 Comp X х X 0.5 Comp SS09 Soil 6/21/2023 1225 1 х х х 0.5 Comp SS10 Soil 6/21/2023 1230 1 х х 8RCRA 13PPM Texas 11 AI 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 Total 200.7 / 6010 200.8 / 6020: Hg: 1631 / 245.1 / 7470 / 7471 TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag TI U Circle Method(s) and Metal(s) to be analyzed Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from cilent company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$55.00 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. Date/Time Date/Time Relinquished by: (Signature) Received by: (Signature) Relinguished by: (Signature) Received by: (Signature) 0.21.29 los rattz Revised Date: 08/25/2020 Rev. 2020.2

Chain of Custody

Received by OCD: 1/7/202532:44:14 PM

Environment Testing

Хелсо

6/26/2023

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Chain of Custody

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

Work Order No: _

Droject Monana	Lindi	Bill to: (if different) Kalei Jennings									www.xenco.com Page _ 2 of _ 2 Work Order Comments															
Project Manager:	Hadlie Green					Bill to: (if different) Kalei Jennings																				
Company Name:	Ensolum, LLC					Company Name: Ensolum, LLC								Program: UST/PST PRP Brownfields RRC Superfund												
Address:	601 N Marienfeld St Suite 400					Address: 601 N Marienfeld St Suite 400																				
City, State ZIP:	Midland, TX 79701					City, State ZIP: Midland, TX 79701									_	Reporting: Level II _ Level III _ PST/UST _ TRRP _ Level IV _ Deliverables: EDD _ ADaPT _ Other:										
Phone:	432-5	557-8895			Email:	hgreen	@enso	um.co	om, kj	ennin	<u>qs@e</u>	nsolum	.com			Delive	erables:	EDD		ADa		Other:				
Project Name:	Brinninstool Unit 003H Turr				rn Around ANALYSIS RE										EQUEST Preservative Codes						Codes					
Project Number:				Routine	Rush Cod															None: NO	D D	I Water: H ₂ C				
Project Location:		32.2973	3,-103.	58598	Due Date:	e:															Cool: Co		eOH: Me			
ampler's Name:		Peter	Van Pa	tten	TAT starts th	he day received by															HCL: HC		NO3: HN			
°O #:					the lab, if rea	ceived by	eived by 4:30pm														H ₂ S0 ₄ : H	2 N	aOH: Na			
SAMPLE RECE	PT	Temp	Blank:	Yes No	Wet loo:	Yes No		hete	ē.												H ₃ PO ₄ : H					
Samples Received I	ntact:	Yes	No	Thermonrete	r ID:			Lan	300.0)												NaHSO ₄ :					
Cooler Custody Sea	Is:	Yes No	N/A	Correction Fa	ctor: 1		Pai		(EPA:												Na ₂ S ₂ O ₃ :					
Sample Custody Sea			N/A	Température					S (E		=											te+NaOH:				
Total Containers:		Corrected Te			mperature:				NO CO	015)	802										NaOH+A	scorbic Ac	Id: SAPC			
Sample Ide	entification		Matrix	Matrix	Matrix	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	CHLORIDES	TPH (8015)	BTEX (8021)						1				Sa	nple Con	nments
SS1	1		Soil	6/21/2023	1235	0.5	Comp	1	x	x	x									_	_					
SS1	2		Soil	6/21/2023	1240	0.5	Comp	1	x	x	×			_				_		_						
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				10	-00														_	_						
	-	_		1										_												
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Total 200.7 / 6	010	200.8/6	020.	8	RCRA 13F	PM Te	yas 11	ALS	Sh As	Ba	Be B	Cd C	a Cr C	Cu	Fe Pb	Ma M	n Mo N	li K S	e Aq	SiO ₂ 1	Na Sr TI S	Sn U V 2	Zn			
Circle Method(s) a					TCLP / S																1/245.1/7					
											_								and con	titions						
otice: Signature of this f service. Eurofins Xen f Eurofins Xenco. A mi	an will b	a liable only	for the en	et of earning and	d ehall not seeu	mo any ree	nonsibilit	v for an	v losses	s or exp	enses i	ncurred I	ov the clier	t if such	losses are	e due to c	ircumstan	ces bey	ond the	control						
	_		.00 will be				for each s	ampie					linguish				r			(Signa		Dat	e/Time			
	inquished by: (Signature) Received b		a by: (Signa	ture)	_	T		/Time			quist	eu by.	Gignat			1808IV	cu by		Dai							
Peter ion	Card	-	10	solution	UP		-	Ce-	d1.	23	162	K.									_					

Login Sample Receipt Checklist

Client: Ensolum

Login Number: 4846 List Number: 1 Creator: Clifton, Cloe

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	

Job Number: 890-4846-1 SDG Number: 03C2012037

List Source: Eurofins Carlsbad

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Job Number: 890-4846-1 SDG Number: 03C2012037

List Source: Eurofins Midland

List Creation: 06/23/23 10:53 AM

Login Sample Receipt Checklist

Client: Ensolum

<6mm (1/4").

Login Number: 4846 List Number: 2 Creator: Rodriguez, Leticia

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	N/A	

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Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Hadlie Green Ensolum 601 N. Marienfeld St. Suite 400 Midland, Texas 79701 Generated 7/24/2023 2:59:38 PM

JOB DESCRIPTION

Brinninstool Unit 003H SDG NUMBER 03D2024197

JOB NUMBER

890-4914-1

Eurofins Carlsbad 1089 N Canal St. Carlsbad NM 88220





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

AMER

Generated 7/24/2023 2:59:38 PM

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

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	50

Released to Imaging: 3/31/2025 91286193AM

Definitions/Glossary

Client: Ensolum Project/Site: Brinninstool Unit 003H Job ID: 890-4914-1

SDG: 03D2024197

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Qualifiers

Qualifiers		— 3
GC VOA		
Qualifier	Qualifier Description	
*_	LCS and/or LCSD is outside acceptance limits, low biased.	_
*1	LCS/LCSD RPD exceeds control limits.	5
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 VO	Α	
Qualifier	Qualifier Description	8
S1+	Surrogate recovery exceeds control limits, high biased.	
U	Indicates the analyte was analyzed for but not detected.	9
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		_ 10
Abbreviation	These commonly used abbreviations may or may not be present in this report.	12
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis	12
%R	Percent Recovery	13
CFL	Contains Free Liquid	

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

Job ID: 890-4914-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative 890-4914-1

Receipt

The samples were received on 7/7/2023 2:57 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.0°C

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: FS01 (890-4914-1), FS02 (890-4914-2), FS03 (890-4914-3), FS04 (890-4914-4), FS05 (890-4914-5), FS06 (890-4914-6), FS07 (890-4914-7), FS08 (890-4914-8), FS09 (890-4914-9), FS10 (890-4914-10), SS05A (890-4914-11), SS06A (890-4914-12), SS07A (890-4914-13), SS08A (890-4914-14), SS09A (890-4914-15), SW01 (890-4914-16) and SW02 (890-4914-17).

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: (LCSD 880-57410/2-A) and (MB 880-57410/5-A). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following samples were outside control limits: FS02 (890-4914-2), FS03 (890-4914-3), FS05 (890-4914-5) and SS07A (890-4914-13). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-57410 and analytical batch 880-57379 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 8021B: LCSD biased low. Since only an acceptable LCS is required per the method, the data has been qualified and reported. (LCSD 880-57410/2-A)

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-57379 recovered below the lower control limit for Benzene. An acceptable CCV was ran within the 12 hour window, therefore the data has been qualified and reported. The associated samples are impacted: (CCV 880-57379/20) and (CCV 880-57379/51).

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-57381 recovered below the lower control limit for o-Xylene. An acceptable CCV was ran within the 12 hour window, therefore the data has been qualified and reported. The associated sample is impacted: (CCV 880-57381/20).

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-57416 and analytical batch 880-57381 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 8021B: Surrogate recovery for the following samples were outside control limits: (CCV 880-57560/20), (CCV 880-57560/33), (LCS 880-57410/1-A) and (LCSD 880-57410/2-A). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following samples were outside control limits: FS01 (890-4914-1), FS02 (890-4914-2), FS03 (890-4914-3), FS04 (890-4914-4), FS07 (890-4914-7), FS08 (890-4914-8), FS09 (890-4914-9), FS10 (890-4914-10), SS05A (890-4914-11), SS06A (890-4914-12), SS07A (890-4914-13), SS08A (890-4914-14) and (890-4913-A-1-C MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-57560 recovered above the upper control limit for Benzene and Ethylbenzene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCV 880-57560/33).

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

Job ID: 890-4914-1 SDG: 03D2024197
Job ID: 890-4914-1 SDG: 03D2024197

Job ID: 890-4914-1 (Continued)

Project/Site: Brinninstool Unit 003H

Laboratory: Eurofins Carlsbad (Continued)

GC Semi VOA

Client: Ensolum

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-57501 and analytical batch 880-57664 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (CCV 880-57664/20), (CCV 880-57664/31) and (CCV 880-57664/5). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: SS06A (890-4914-12), SS07A (890-4914-13), (890-4915-A-1-E) and (890-4915-A-1-F MS). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-57801 and analytical batch 880-58259 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (CCV 880-58259/20), (CCV 880-58259/31) and (CCV 880-58259/5). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: FS03 (890-4914-3) and FS04 (890-4914-4). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: FS06 (890-4914-6), FS08 (890-4914-8) and FS09 (890-4914-9). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-57365 and analytical batch 880-57420 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

Job ID: 890-4914-1 SDG: 03D2024197

Client Sample ID: FS01

Project/Site: Brinninstool Unit 003H

Date Collected: 07/07/23 10:25 Date Received: 07/07/23 14:57

Sample Depth: 2.5

Client: Ensolum

Lab Sample ID: 890-4914-1

Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00198	U	0.00198	mg/Kg		07/11/23 12:32	07/12/23 02:01	
Toluene	<0.00198	U	0.00198	mg/Kg		07/11/23 12:32	07/12/23 02:01	
Ethylbenzene	<0.00198	U *- *1	0.00198	mg/Kg		07/11/23 12:32	07/12/23 02:01	
m-Xylene & p-Xylene	<0.00396		0.00396	mg/Kg		07/11/23 12:32	07/12/23 02:01	
o-Xylene	<0.00198	U *- *1	0.00198	mg/Kg		07/11/23 12:32	07/12/23 02:01	
Xylenes, Total	<0.00396	U *- *1	0.00396	mg/Kg		07/11/23 12:32	07/12/23 02:01	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	88		70 - 130			07/11/23 12:32	07/12/23 02:01	
1,4-Difluorobenzene (Surr)	86		70 - 130			07/11/23 12:32	07/12/23 02:01	
Method: TAL SOP Total BTEX - To	otal BTEX Calo	ulation						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00396	U	0.00396	mg/Kg			07/12/23 11:12	
Method: SW846 8015 NM - Diese	Range Organi	ics (DRO) (0	GC)					
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	<49.8	U	49.8	mg/Kg			07/24/23 14:27	
Method: SW846 8015B NM - Dies	el Range Orga	nics (DRO)	(GC)					
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		07/17/23 09:21	07/22/23 17:10	
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		07/17/23 09:21	07/22/23 17:10	
Oll Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		07/17/23 09:21	07/22/23 17:10	
Total TPH	<49.8	U	49.8	mg/Kg		07/17/23 09:21	07/22/23 17:10	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fa
1-Chlorooctane	111		70 - 130			07/17/23 09:21	07/22/23 17:10	
p-Terphenyl	95		70 - 130			07/17/23 09:21	07/22/23 17:10	
Method: EPA 300.0 - Anions, Ion	Chromatograp	hy - Solubl	e					
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Chloride	76.9		4.99	mg/Kg			07/11/23 18:29	
lient Sample ID: FS02						Lab San	nple ID: 890-4	4914-
ate Collected: 07/07/23 10:30								x: Soli
ate Received: 07/07/23 14:57								
ample Depth: 2.5								

Method: SW846 8021B - Volatile Orga	anic Comp	ounds (GC)						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		07/11/23 12:32	07/12/23 02:21	1
Toluene	<0.00199	U	0.00199	mg/Kg		07/11/23 12:32	07/12/23 02:21	1
Ethylbenzene	<0.00199	U *- *1	0.00199	mg/Kg		07/11/23 12:32	07/12/23 02:21	1
m-Xylene & p-Xylene	<0.00398	U *- *1	0.00398	mg/Kg		07/11/23 12:32	07/12/23 02:21	1
o-Xylene	<0.00199	U *- *1	0.00199	mg/Kg		07/11/23 12:32	07/12/23 02:21	1
Xylenes, Total	<0.00398	U *- *1	0.00398	mg/Kg		07/11/23 12:32	07/12/23 02:21	1

Eurofins Carlsbad

Released to Imaging: 3/31/2025 9:286193AMM

Job ID: 890-4914-1 SDG: 03D2024197

Matrix: Solid

5

Lab Sample ID: 890-4914-2

Client Sample ID: FS02

Project/Site: Brinninstool Unit 003H

Date Collected: 07/07/23 10:30 Date Received: 07/07/23 14:57

Sample Depth: 2.5

Client: Ensolum

Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	95		70 - 130			07/11/23 12:32	07/12/23 02:21	1
1,4-Difluorobenzene (Surr)	65	S1-	70 - 130			07/11/23 12:32	07/12/23 02:21	
Method: TAL SOP Total BTEX -	Total BTEX Cal	culation						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00398	U	0.00398	mg/Kg			07/12/23 11:12	
Method: SW846 8015 NM - Dies	el Range Organ	ics (DRO) (GC)					
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	<50.5	U	50.5	mg/Kg			07/24/23 14:27	1
Method: SW846 8015B NM - Die	esel Range Orga	nics (DRO)	(GC)					
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5	mg/Kg		07/17/23 09:21	07/22/23 17:32	
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5	mg/Kg		07/17/23 09:21	07/22/23 17:32	
Oll Range Organics (Over C28-C36)	<50.5	U	50.5	mg/Kg		07/17/23 09:21	07/22/23 17:32	
Total TPH	<50.5	U	50.5	mg/Kg		07/17/23 09:21	07/22/23 17:32	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fa
1-Chlorooctane	128		70 - 130			07/17/23 09:21	07/22/23 17:32	
o-Terphenyl	109		70 - 130			07/17/23 09:21	07/22/23 17:32	-
Method: EPA 300.0 - Anions, Io	n Chromatograp	ohy - Solubl	e					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	137		4.98	mg/Kg			07/11/23 18:35	1
lient Sample ID: FS03						Lab Sar	nple ID: 890-	4914-3
ate Collected: 07/07/23 10:35							Matri	ix: Solid
ate Received: 07/07/23 14:57								
ample Depth: 2.5								
	a							
Method: SW846 8021B - Volatile Analyte		Qualifier) RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		07/11/23 12:32	07/12/23 02:41	1
Toluene	< 0.00201	U	0.00201	mg/Kg		07/11/23 12:32	07/12/23 02:41	1
Ethylbenzene	< 0.00201		0.00201	mg/Kg		07/11/23 12:32	07/12/23 02:41	
m-Xylene & p-Xylene	< 0.00402		0.00402	mg/Kg		07/11/23 12:32	07/12/23 02:41	
o-Xylene	< 0.00201		0.00201	mg/Kg		07/11/23 12:32	07/12/23 02:41	
· · · ·								

Xylenes, Total	<0.00402 U*-*1	0.00402	mg/Kg	07/11/23 12:32	07/12/23 02:41	1
Surrogate	%Recovery Qualifier	Limits		Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93	70 - 130		07/11/23 12:32	07/12/23 02:41	1
1,4-Difluorobenzene (Surr)	69 S1-	70 - 130		07/11/23 12:32	07/12/23 02:41	1
Method: TAL SOP Total BTEX - To	tal BTEX Calculation					
Analyta	Desult Qualifier	ы	Unit	D Bronorod	Analyzad	Dil Eco

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			07/12/23 11:12	1

Eurofins Carlsbad

Released to Imaging: 3/31/2025 91286193AM

Job ID: 890-4914-1 SDG: 03D2024197

Matrix: Solid

Lab Sample ID: 890-4914-3

Client Sample ID: FS03

Project/Site: Brinninstool Unit 003H

Date Collected: 07/07/23 10:35 Date Received: 07/07/23 14:57

Sample Depth: 2.5

Client: Ensolum

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Fotal TPH	<50.1	U	50.1	mg/Kg			07/24/23 14:27	1
Method: SW846 8015B NM - Die	esel Range Orga	nics (DRO)	(GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics GRO)-C6-C10	<50.1	U	50.1	mg/Kg		07/17/23 09:21	07/22/23 17:54	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1	mg/Kg		07/17/23 09:21	07/22/23 17:54	1
Oll Range Organics (Over C28-C36)	<50.1	U	50.1	mg/Kg		07/17/23 09:21	07/22/23 17:54	1
Fotal TPH	<50.1	U	50.1	mg/Kg		07/17/23 09:21	07/22/23 17:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	161	S1+	70 - 130			07/17/23 09:21	07/22/23 17:54	1
p-Terphenyl	139	S1+	70 - 130			07/17/23 09:21	07/22/23 17:54	1
Method: EPA 300.0 - Anions, Ior	n Chromatograp	hy - Solubl	e					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	67.8		4.96	mg/Kg			07/11/23 18:40	1

Date Received: 07/07/23 14:57

Sample Depth: 2.5

Method: SW846 8021B - Volatile Organic Compounds (GC) Analyte Result Qualifier RL Unit D Dil Fac Prepared Analyzed Benzene <0.00199 U 0.00199 mg/Kg 07/11/23 12:32 07/12/23 03:02 1 Toluene 0.00199 07/11/23 12:32 07/12/23 03:02 0.00232 mg/Kg 1 07/11/23 12:32 07/12/23 03:02 Ethylbenzene <0.00199 U*-*1 0.00199 mg/Kg 1 m-Xylene & p-Xylene <0.00398 U*-*1 0.00398 07/11/23 12:32 07/12/23 03:02 mg/Kg 1 <0.00199 U *- *1 07/11/23 12:32 07/12/23 03:02 o-Xylene 0.00199 mg/Kg 1 Xylenes, Total <0.00398 U*-*1 0.00398 mg/Kg 07/11/23 12:32 07/12/23 03:02 1 Qualifier Limits Surrogate %Recovery Prepared Analyzed Dil Fac 4-Bromofluorobenzene (Surr) 101 70 - 130 07/11/23 12:32 07/12/23 03:02 1 1,4-Difluorobenzene (Surr) 71 70 - 130 07/11/23 12:32 07/12/23 03:02 1 Method: TAL SOP Total BTEX - Total BTEX Calculation Analyte **Result Qualifier** RL Unit D Prepared Analyzed Dil Fac Total BTEX <0.00398 U 07/12/23 11:12 0.00398 mg/Kg 1 Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC) Analyte Result Qualifier RL Unit D Prepared Analyzed Dil Fac Total TPH <50.4 U 50.4 mg/Kg 07/24/23 14:27 Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) Result Qualifier Analyte RL Unit D Dil Fac Prepared Analyzed <50.4 U Gasoline Range Organics 50.4 mg/Kg 07/17/23 09:21 07/22/23 18:16 (GRO)-C6-C10 **Diesel Range Organics (Over** <50.4 U 50.4 mg/Kg 07/17/23 09:21 07/22/23 18:16 1 C10-C28)

- f:	

1

Eurofins Carlsbad

07/22/23 18:16

Released to Imaging: 3/31/2025 91286193AM

Oll Range Organics (Over C28-C36)

50.4

mg/Kg

07/17/23 09:21

<50.4 U

Job ID: 890-4914-1 SDG: 03D2024197

Matrix: Solid

Matrix: Solid

Lab Sample ID: 890-4914-4

Client Sample ID: FS04

Project/Site: Brinninstool Unit 003H

Date Collected: 07/07/23 10:40 Date Received: 07/07/23 14:57

Sample Depth: 2.5

Client: Ensolum

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4	mg/Kg		07/17/23 09:21	07/22/23 18:16	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	145	S1+	70 - 130			07/17/23 09:21	07/22/23 18:16	1
o-Terphenyl	123		70 - 130			07/17/23 09:21	07/22/23 18:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	104		5.02	mg/Kg			07/11/23 18:45	1	
Client Sample ID: FS05						Lab Sa	mple ID: 890-	4914-5	

Client Sample ID: FS05

Date Collected: 07/07/23 10:45 Date Received: 07/07/23 14:57

Sample Depth: 2.5

Method: SW846 8021B - Volati	le Organic Comp	ounds (GC))					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	< 0.00201	U	0.00201	mg/Kg		07/11/23 12:32	07/12/23 05:05	1
Toluene	<0.00201	U	0.00201	mg/Kg		07/11/23 12:32	07/12/23 05:05	1
Ethylbenzene	<0.00201	U *- *1	0.00201	mg/Kg		07/11/23 12:32	07/12/23 05:05	1
m-Xylene & p-Xylene	<0.00402	U *- *1	0.00402	mg/Kg		07/11/23 12:32	07/12/23 05:05	1
o-Xylene	<0.00201	U *- *1	0.00201	mg/Kg		07/11/23 12:32	07/12/23 05:05	1
Xylenes, Total	<0.00402	U *- *1	0.00402	mg/Kg		07/11/23 12:32	07/12/23 05:05	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130			07/11/23 12:32	07/12/23 05:05	1
1,4-Difluorobenzene (Surr)	67	S1-	70 - 130			07/11/23 12:32	07/12/23 05:05	1

Method: TAL SOP Total BTEX - Total BTEX Calculation								
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			07/12/23 11:12	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<50.0	U	50.0	mg/Kg			07/24/23 14:27	1	

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0	mg/Kg		07/17/23 09:21	07/22/23 18:49	1
(GRO)-C6-C10								
Diesel Range Organics (Over	<50.0	U	50.0	mg/Kg		07/17/23 09:21	07/22/23 18:49	1
C10-C28)								
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		07/17/23 09:21	07/22/23 18:49	1
Total TPH	<50.0	U	50.0	mg/Kg		07/17/23 09:21	07/22/23 18:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane			70 - 130			07/17/23 09:21	07/22/23 18:49	1
I-Chioroociane	110		70 - 730			01/11/23 09.21	01/22/23 10.49	1
o-Terphenyl	103		70 - 130			07/17/23 09:21	07/22/23 18:49	1

		Clien	t Sample Re	sults				
Client: Ensolum		-					Job ID: 890)-4914
Project/Site: Brinninstool Unit 003H							SDG: 03D2	202419
Client Sample ID: FS05						Lab Sar	nple ID: 890-	4914
ate Collected: 07/07/23 10:45								ix: Sol
Date Received: 07/07/23 14:57								
Sample Depth: 2.5								
Method: EPA 300.0 - Anions, Ion	Chromotogra	aby Colubl						
Analyte	· · ·	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil F
Chloride	67.5		4.97	mg/Kg			07/11/23 18:50	
Client Sample ID: FS06						l ah Sar	nple ID: 890-	1011
ate Collected: 07/07/23 10:50						Lab Gai	-	ix: Sol
Date Received: 07/07/23 14:57							Ividu	X. 301
Sample Depth: 2.5								
-								
Method: SW846 8021B - Volatile								
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil F
Benzene	<0.00200		0.00200	mg/Kg		07/11/23 12:32	07/12/23 05:25	
Toluene	<0.00200		0.00200	mg/Kg		07/11/23 12:32	07/12/23 05:25	
Ethylbenzene	<0.00200		0.00200	mg/Kg		07/11/23 12:32	07/12/23 05:25	
m-Xylene & p-Xylene	<0.00401		0.00401	mg/Kg		07/11/23 12:32	07/12/23 05:25	
p-Xylene	<0.00200		0.00200	mg/Kg		07/11/23 12:32	07/12/23 05:25	
Xylenes, Total	<0.00401	U *- *1	0.00401	mg/Kg		07/11/23 12:32	07/12/23 05:25	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil
4-Bromofluorobenzene (Surr)	93		70 - 130			07/11/23 12:32	07/12/23 05:25	
1,4-Difluorobenzene (Surr)	72		70 - 130			07/11/23 12:32	07/12/23 05:25	
Method: TAL SOP Total BTEX - T	otal BTEX Cal	culation						
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil I
Total BTEX	<0.00401	U	0.00401	mg/Kg			07/12/23 11:12	
			0 0)					
Method: SW846 8015 NM - Diese Analyte		Qualifier	GC) RL	Unit	D	Prepared	Analyzed	Dil I
Total TPH			50.1				07/24/23 14:27	
-								
Method: SW846 8015B NM - Dies								
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil I
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1	mg/Kg		07/17/23 09:21	07/22/23 19:11	
Diesel Range Organics (Over	<50.1	U	50.1	mg/Kg		07/17/23 09:21	07/22/23 19:11	
C10-C28) Oll Range Organics (Over C28-C36)	<50.1	U.	50.1	mg/Kg		07/17/23 09:21	07/22/23 19:11	
Total TPH	<50.1 <50.1		50.1	mg/Kg		07/17/23 09:21	07/22/23 19:11	
0	0/ F	0	1			D	A	
Surrogate	%Recovery		Limits			Prepared	Analyzed	Dil
1-Chlorooctane	134	S1+	70 - 130			07/17/23 09:21	07/22/23 19:11	
o-Terphenyl	114		70 - 130			07/17/23 09:21	07/22/23 19:11	
Method: EPA 300.0 - Anions, Ion	Chromatogra	ohy - Solubl	e					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil F
Chloride	116		5.00	mg/Kg			07/11/23 19:05	

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Job ID: 890-4914-1 SDG: 03D2024197

Client Sample ID: FS07

Project/Site: Brinninstool Unit 003H

Date Collected: 07/07/23 10:55 Date Received: 07/07/23 14:57

Sample Depth: 1

Client: Ensolum

Lab Sample ID: 890-4914-7

Matrix: Solid

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Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00200	U	0.00200	mg/Kg		07/11/23 12:32	07/12/23 05:46	
Toluene	<0.00200	U	0.00200	mg/Kg		07/11/23 12:32	07/12/23 05:46	
Ethylbenzene	<0.00200	U *- *1	0.00200	mg/Kg		07/11/23 12:32	07/12/23 05:46	
m-Xylene & p-Xylene	<0.00399	U *- *1	0.00399	mg/Kg		07/11/23 12:32	07/12/23 05:46	
o-Xylene	<0.00200	U *- *1	0.00200	mg/Kg		07/11/23 12:32	07/12/23 05:46	
Xylenes, Total	<0.00399	U *- *1	0.00399	mg/Kg		07/11/23 12:32	07/12/23 05:46	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	97		70 - 130			07/11/23 12:32	07/12/23 05:46	
1,4-Difluorobenzene (Surr)	73		70 - 130			07/11/23 12:32	07/12/23 05:46	
Method: TAL SOP Total BTEX - To	otal BTEX Calo	culation						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00399	U	0.00399	mg/Kg			07/12/23 11:12	
Method: SW846 8015 NM - Diese	Range Organ	ics (DRO) (GC)					
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	<50.0	U	50.0	mg/Kg			07/24/23 14:27	
Analyte Gasoline Range Organics	Result <50.0	Qualifier	RL	Unit mg/Kg	<u>D</u>	Prepared 07/17/23 09:21	Analyzed	Dil Fa
Method: SW846 8015B NM - Dies Analyte				Unit	D	Prepared	Analyzed	Dil Fa
(GRO)-C6-C10								
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		07/17/23 09:21	07/22/23 19:33	
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		07/17/23 09:21	07/22/23 19:33	
Total TPH	<50.0	U	50.0	mg/Kg		07/17/23 09:21	07/22/23 19:33	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fa
1-Chlorooctane	117		70 - 130			07/17/23 09:21	07/22/23 19:33	
o-Terphenyl	101		70 - 130			07/17/23 09:21	07/22/23 19:33	
Method: EPA 300.0 - Anions, Ion	Chromatograp	hy - Solubl	e					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Chloride	67.3		4.99	mg/Kg			07/11/23 19:10	
lient Sample ID: FS08						Lab Sar	nple ID: 890-	4914-
ate Collected: 07/07/23 11:00							Matri	x: Soli
ate Received: 07/07/23 14:57								

Method: SW846 8021B - Volatile Orga	nic Comp	ounds (GC)						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		07/11/23 12:32	07/12/23 06:06	1
Toluene	<0.00199	U	0.00199	mg/Kg		07/11/23 12:32	07/12/23 06:06	1
Ethylbenzene	<0.00199	U *- *1	0.00199	mg/Kg		07/11/23 12:32	07/12/23 06:06	1
m-Xylene & p-Xylene	<0.00398	U *- *1	0.00398	mg/Kg		07/11/23 12:32	07/12/23 06:06	1
o-Xylene	<0.00199	U *- *1	0.00199	mg/Kg		07/11/23 12:32	07/12/23 06:06	1
Xylenes, Total	<0.00398	U *- *1	0.00398	mg/Kg		07/11/23 12:32	07/12/23 06:06	1

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Client: Ensolum

Client Sample Results

Job ID: 890-4914-1 SDG: 03D2024197

	: Ensolum t/Site: Brinninstool Unit 003H					Job ID: 890-4914-1 SDG: 03D2024197				
	511						300.0302	2024197		
Client Sample ID: FS08						Lab San	nple ID: 890-	4914-8		
Date Collected: 07/07/23 11:00							Matri	x: Solid		
Date Received: 07/07/23 14:57										
Sample Depth: 1										
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac		
4-Bromofluorobenzene (Surr)	82		70 - 130			07/11/23 12:32	07/12/23 06:06	1		
1,4-Difluorobenzene (Surr)	72		70 - 130			07/11/23 12:32	07/12/23 06:06	1		
Method: TAL SOP Total BTEX	- Total BTEX Calo	culation								
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac		
Total BTEX	<0.00398	U	0.00398	mg/Kg			07/12/23 11:12	1		
-										
Method: SW846 8015 NM - Die		CS (DRO) (Qualifier		11-14		Dremered	Analyzad			
Analyte Total TPH	Kesuit <50.2			Unit	D	Prepared	Analyzed 07/24/23 14:27	Dil Fac		
	<50.2	0	50.2	mg/Kg			07/24/23 14:27	1		
Method: SW846 8015B NM - D	iesel Range Orga	nics (DRO)	(GC)							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac		
Gasoline Range Organics	<50.2	U	50.2	mg/Kg		07/17/23 09:21	07/22/23 19:56	1		
(GRO)-C6-C10										
Diesel Range Organics (Over	<50.2	U	50.2	mg/Kg		07/17/23 09:21	07/22/23 19:56	1		
C10-C28) Oll Range Organics (Over C28-C36)	<50.2		50.2	mg/Kg		07/17/23 09:21	07/22/23 19:56	1		
Total TPH	<50.2		50.2	mg/Kg		07/17/23 09:21	07/22/23 19:56			
	00.2	0	00.2			0171120 00121	01,22,20 10.00			
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac		
Surrogate 1-Chlorooctane		Qualifier S1+	Limits			Prepared 07/17/23 09:21	Analyzed 07/22/23 19:56	Dil Fac		
1-Chlorooctane o-Terphenyl	141 119	S1+	70 - 130 70 - 130			07/17/23 09:21	07/22/23 19:56	1		
1-Chlorooctane o-Terphenyl Method: EPA 300.0 - Anions, Io	141 119 on Chromatograp	S1+ Dhy - Solubl	70 - 130 70 - 130 e	Unit	П	07/17/23 09:21 07/17/23 09:21	07/22/23 19:56 07/22/23 19:56	1		
1-Chlorooctane o-Terphenyl Method: EPA 300.0 - Anions, Io Analyte	141 119 on Chromatograp Result	S1+	70 - 130 70 - 130	<u>Unit</u>	<u>D</u>	07/17/23 09:21	07/22/23 19:56	1		
1-Chlorooctane o-Terphenyl Method: EPA 300.0 - Anions, lo Analyte Chloride	141 119 on Chromatograp	S1+ Dhy - Solubl	70 - 130 70 - 130 e <u>RL</u>	Unit mg/Kg	<u>D</u>	07/17/23 09:21 07/17/23 09:21 Prepared	07/22/23 19:56 07/22/23 19:56 Analyzed 07/11/23 19:26	1 1 		
1-Chlorooctane o-Terphenyl Method: EPA 300.0 - Anions, lo Analyte Chloride Client Sample ID: FS09	141 119 on Chromatograp Result	S1+ Dhy - Solubl	70 - 130 70 - 130 e <u>RL</u>		<u> </u>	07/17/23 09:21 07/17/23 09:21 Prepared	07/22/23 19:56 07/22/23 19:56 Analyzed	1 1 		
1-Chlorooctane o-Terphenyl Method: EPA 300.0 - Anions, lo Analyte Chloride Client Sample ID: FS09	141 119 on Chromatograp Result	S1+ Dhy - Solubl	70 - 130 70 - 130 e <u>RL</u>		D	07/17/23 09:21 07/17/23 09:21 Prepared	07/22/23 19:56 07/22/23 19:56 <u>Analyzed</u> 07/11/23 19:26 nple ID: 890-	1 1 		
1-Chlorooctane o-Terphenyl Method: EPA 300.0 - Anions, Io Analyte Chloride Client Sample ID: FS09 Date Collected: 07/07/23 12:05 Date Received: 07/07/23 14:57	141 119 on Chromatograp Result	S1+ Dhy - Solubl	70 - 130 70 - 130 e <u>RL</u>		<u> </u>	07/17/23 09:21 07/17/23 09:21 Prepared	07/22/23 19:56 07/22/23 19:56 <u>Analyzed</u> 07/11/23 19:26 nple ID: 890-	1 1 Dil Fac 1 4914-9		
1-Chlorooctane o-Terphenyl Method: EPA 300.0 - Anions, Io Analyte Chloride Client Sample ID: FS09 Date Collected: 07/07/23 12:05 Date Received: 07/07/23 14:57	141 119 on Chromatograp Result	S1+ Dhy - Solubl	70 - 130 70 - 130 e <u>RL</u>		<u>D</u>	07/17/23 09:21 07/17/23 09:21 Prepared	07/22/23 19:56 07/22/23 19:56 <u>Analyzed</u> 07/11/23 19:26 nple ID: 890-	1 1 Dil Fac 1 4914-9		
1-Chlorooctane o-Terphenyl Method: EPA 300.0 - Anions, lo Analyte Chloride Client Sample ID: FS09 Date Collected: 07/07/23 12:05 Date Received: 07/07/23 14:57 Sample Depth: 1	on Chromatograp Result 84.8	S1+ Dhy - Solubl Qualifier	70 - 130 70 - 130 e <u>RL</u> 5.01		<u>D</u>	07/17/23 09:21 07/17/23 09:21 Prepared	07/22/23 19:56 07/22/23 19:56 <u>Analyzed</u> 07/11/23 19:26 nple ID: 890-	1 1 Dil Fac 1 4914-9		
1-Chlorooctane o-Terphenyl Method: EPA 300.0 - Anions, lo Analyte Chloride Client Sample ID: FS09 Date Collected: 07/07/23 12:05 Date Received: 07/07/23 14:57 Sample Depth: 1 Method: SW846 8021B - Volati	It is in the second sec	S1+ Dhy - Solubl Qualifier	70 - 130 70 - 130 e 		D	07/17/23 09:21 07/17/23 09:21 Prepared	07/22/23 19:56 07/22/23 19:56 Analyzed 07/11/23 19:26 nple ID: 890- Matri	1 1 Dil Fac 1 4914-9		
1-Chlorooctane o-Terphenyl Method: EPA 300.0 - Anions, lo Analyte Chloride Client Sample ID: FS09 Date Collected: 07/07/23 12:05 Date Received: 07/07/23 14:57 Sample Depth: 1	It is in the second sec	S1+ Qualifier Ounds (GC) Qualifier	70 - 130 70 - 130 e <u>RL</u> 5.01	mg/Kg		07/17/23 09:21 07/17/23 09:21 Prepared	07/22/23 19:56 07/22/23 19:56 <u>Analyzed</u> 07/11/23 19:26 nple ID: 890-	1 1 1 1 4914-9 x: Solid		
1-Chlorooctane o-Terphenyl Method: EPA 300.0 - Anions, lo Analyte Chloride Client Sample ID: FS09 Date Collected: 07/07/23 12:05 Date Received: 07/07/23 14:57 Sample Depth: 1 Method: SW846 8021B - Volati Analyte	le Organic Comp	S1+ Qualifier ounds (GC) Qualifier U	70 - 130 70 - 130 e 	mg/Kg		07/17/23 09:21 07/17/23 09:21 Prepared Lab San	07/22/23 19:56 07/22/23 19:56 Analyzed 07/11/23 19:26 nple ID: 890- Matri Analyzed	1 1 1 1 4914-9 x: Solid		
1-Chlorooctane o-Terphenyl Method: EPA 300.0 - Anions, lo Analyte Chloride Client Sample ID: FS09 Date Collected: 07/07/23 12:05 Date Received: 07/07/23 14:57 Sample Depth: 1 Method: SW846 8021B - Volati Analyte Benzene	le Organic Comp Result 84.8	S1+ Dhy - Solubl Qualifier Ounds (GC) Qualifier U U	70 - 130 70 - 130 e <u>RL</u> 5.01	Unit mg/Kg		07/17/23 09:21 07/17/23 09:21 Prepared Lab San	07/22/23 19:56 07/22/23 19:56 Analyzed 07/11/23 19:26 nple ID: 890- Matri Analyzed 07/12/23 06:27	1 1 1 1 4914-9 x: Solid		
1-Chlorooctane o-Terphenyl Method: EPA 300.0 - Anions, lo Analyte Chloride Client Sample ID: FS09 Date Collected: 07/07/23 12:05 Date Received: 07/07/23 14:57 Sample Depth: 1 Method: SW846 8021B - Volati Analyte Benzene Toluene	141 119 on Chromatograp Result 84.8 le Organic Comp Result <0.00198	S1+ Dhy - Solubl Qualifier Ounds (GC) Qualifier U U U *- *1	70 - 130 70 - 130 8 RL 5.01	Unit mg/Kg mg/Kg mg/Kg		07/17/23 09:21 07/17/23 09:21 Prepared Lab San Prepared 07/11/23 12:32 07/11/23 12:32	07/22/23 19:56 07/22/23 19:56 Analyzed 07/11/23 19:26 nple ID: 890- Matri Analyzed 07/12/23 06:27 07/12/23 06:27	1 1 1 1 4914-9 x: Solid		
1-Chlorooctane o-Terphenyl Method: EPA 300.0 - Anions, lo Analyte Chloride Client Sample ID: FS09 Date Collected: 07/07/23 12:05 Date Received: 07/07/23 14:57 Sample Depth: 1 Method: SW846 8021B - Volati Analyte Benzene Toluene Ethylbenzene	141 119 on Chromatograp Result 84.8 le Organic Comp Result <0.00198	S1+ Dhy - Solubl Qualifier Ounds (GC) Qualifier U U U *- *1 U *- *1	70 - 130 70 - 130 e RL 5.01 0.00198 0.00198 0.00198	Unit mg/Kg mg/Kg mg/Kg mg/Kg		07/17/23 09:21 07/17/23 09:21 Prepared Lab San 07/11/23 12:32 07/11/23 12:32 07/11/23 12:32	07/22/23 19:56 07/22/23 19:56 07/22/23 19:56 07/11/23 19:26 07/11/23 19:26 nple ID: 890- Matri 07/12/23 06:27 07/12/23 06:27 07/12/23 06:27	1 1 1 1 4914-9 x: Solid		
1-Chlorooctane o-Terphenyl Method: EPA 300.0 - Anions, lo Analyte Chloride Client Sample ID: FS09 Date Collected: 07/07/23 12:05 Date Received: 07/07/23 14:57 Sample Depth: 1 Method: SW846 8021B - Volati Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene	141 119 on Chromatograp Result 84.8 le Organic Comp Result <0.00198	S1+ Ohy - Solubl Qualifier U U *- *1 U *- *1 U *- *1	70 - 130 70 - 130 70 - 130 8 RL 5.01 8 0.00198 0.00198 0.00198 0.00198 0.00396	Unit mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg		07/17/23 09:21 07/17/23 09:21 Prepared Lab San 07/11/23 12:32 07/11/23 12:32 07/11/23 12:32 07/11/23 12:32	07/22/23 19:56 07/22/23 19:56 07/22/23 19:56 07/11/23 19:26 07/11/23 19:26 07/12/23 09:27 07/12/23 06:27 07/12/23 06:27 07/12/23 06:27 07/12/23 06:27	1 1 2011 Fac 1 4914-9 x: Solid Dil Fac 1 1 1 1		
1-Chlorooctane o-Terphenyl Method: EPA 300.0 - Anions, lo Analyte Chloride Client Sample ID: FS09 Date Collected: 07/07/23 12:05 Date Received: 07/07/23 14:57 Sample Depth: 1 Method: SW846 8021B - Volati Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene o-Xylene Xylenes, Total	141 119 on Chromatograp Result 84.8 le Organic Comp Result <0.00198	S1+ Ohy - Solubl Qualifier U U *- *1 U *- *1 U *- *1 U *- *1 U *- *1	70 - 130 70 - 130 70 - 130 8 RL 5.01 8 0.00198 0.00198 0.00198 0.00198 0.00396 0.00396 0.00396	Unit mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg		07/17/23 09:21 07/17/23 09:21 Prepared Lab San 07/11/23 12:32 07/11/23 12:32 07/11/23 12:32 07/11/23 12:32 07/11/23 12:32 07/11/23 12:32	07/22/23 19:56 07/22/23 19:56 07/22/23 19:56 07/22/23 19:56 07/12/23 19:26 07/11/23 19:26 07/12/23 06:27 07/12/23 06:27 07/12/23 06:27 07/12/23 06:27 07/12/23 06:27 07/12/23 06:27	1 1 2011 Fac 1 4914-9 x: Solid 1 1 1 1 1 1 1 1		
I-Chlorooctane o-Terphenyl Method: EPA 300.0 - Anions, lo Analyte Chloride Client Sample ID: FS09 Date Collected: 07/07/23 12:05 Date Received: 07/07/23 14:57 Sample Depth: 1 Method: SW846 8021B - Volati Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene o-Xylene	141 119 on Chromatograp Result 84.8 le Organic Comp Result <0.00198	S1+ Ohy - Solubl Qualifier U U *- *1 U *- *1 U *- *1 U *- *1 U *- *1	70 - 130 70 - 130 70 - 130 8 RL 5.01 8 0.00198 0.00198 0.00396 0.00198	Unit mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg		07/17/23 09:21 07/17/23 09:21 Prepared Lab San 07/11/23 12:32 07/11/23 12:32 07/11/23 12:32 07/11/23 12:32 07/11/23 12:32	07/22/23 19:56 07/22/23 19:56 07/22/23 19:56 07/22/23 19:56 07/11/23 19:26 07/11/23 19:26 07/12/23 06:27 07/12/23 06:27 07/12/23 06:27 07/12/23 06:27 07/12/23 06:27	1 1 2011 Fac 1 4914-9 1x: Solid 0x: Solid 1 1 1 1 1		

Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed			
Total BTEX	< 0.00396	U	0.00396	mg/Kg			07/12/23 11:12			

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Dil Fac 1

Job ID: 890-4914-1 SDG: 03D2024197

Lab Sample ID: 890-4914-9

Client Sample ID: FS09

Project/Site: Brinninstool Unit 003H

Date Collected: 07/07/23 12:05 Date Received: 07/07/23 14:57

Sample Depth: 1

Client: Ensolum

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2	mg/Kg			07/24/23 14:27	1
Method: SW846 8015B NM - Dies	el Range Orga	nics (DRO)	(GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2	mg/Kg		07/17/23 09:21	07/22/23 20:18	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2	mg/Kg		07/17/23 09:21	07/22/23 20:18	1
Oll Range Organics (Over C28-C36)	<50.2	U	50.2	mg/Kg		07/17/23 09:21	07/22/23 20:18	1
Total TPH	<50.2	U	50.2	mg/Kg		07/17/23 09:21	07/22/23 20:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	142	S1+	70 - 130			07/17/23 09:21	07/22/23 20:18	1
o-Terphenyl	124		70 - 130			07/17/23 09:21	07/22/23 20:18	1
Method: EPA 300.0 - Anions, Ion	Chromatograp	hy - Solubl	e					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	80.4		5.03	mg/Kg			07/11/23 19:31	1
lient Sample ID: FS10						l ah Sam	ple ID: 890-4	911_1

Date Received: 07/07/23 14:57

Sample Depth: 1

Method: SW846 8021B - Volatile Organic Compounds (GC) Result Qualifier RL Unit D Dil Fac Analyte Prepared Analyzed Benzene <0.00200 U 0.00200 mg/Kg 07/11/23 12:32 07/12/23 06:47 1 Toluene <0.00200 U 0.00200 07/11/23 12:32 07/12/23 06:47 mg/Kg 1 0.00200 07/11/23 12:32 07/12/23 06:47 Ethylbenzene <0.00200 U*-*1 mg/Kg 1 m-Xylene & p-Xylene <0.00400 U*-*1 0.00400 07/11/23 12:32 07/12/23 06:47 mg/Kg 1 07/11/23 12:32 07/12/23 06:47 o-Xylene <0.00200 U*-*1 0.00200 mg/Kg 1 Xylenes, Total <0.00400 U*-*1 0.00400 mg/Kg 07/11/23 12:32 07/12/23 06:47 1 Qualifier Limits Surrogate %Recovery Prepared Analyzed Dil Fac 4-Bromofluorobenzene (Surr) 92 70 - 130 07/11/23 12:32 07/12/23 06:47 1 1,4-Difluorobenzene (Surr) 74 70 - 130 07/11/23 12:32 07/12/23 06:47 1 Method: TAL SOP Total BTEX - Total BTEX Calculation Analyte **Result Qualifier** RL Unit D Prepared Analyzed Dil Fac Total BTEX <0.00400 U 07/12/23 11:12 0.00400 mg/Kg 1 Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC) Analyte Result Qualifier RL Unit D Prepared Analyzed Dil Fac Total TPH <49.6 U 49.6 mg/Kg 07/24/23 14:27 Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) Result Qualifier Analyte RL Unit D Dil Fac Prepared Analyzed Gasoline Range Organics <49.6 U 49.6 mg/Kg 07/17/23 09:21 07/22/23 20:41 (GRO)-C6-C10 **Diesel Range Organics (Over** <49.6 U 49.6 mg/Kg 07/17/23 09:21 07/22/23 20:41

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07/22/23 20:41

Matrix: Solid

5

Oll Range Organics (Over C28-C36)

C10-C28)

49.6

mg/Kg

07/17/23 09:21

<49.6 U

Job ID: 890-4914-1 SDG: 03D2024197

Matrix: Solid

Matrix: Solid

5

Lab Sample ID: 890-4914-10

Client Sample ID: FS10

Project/Site: Brinninstool Unit 003H

Date Collected: 07/07/23 12:10 Date Received: 07/07/23 14:57

Sample Depth: 1

Client: Ensolum

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6	mg/Kg		07/17/23 09:21	07/22/23 20:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	124		70 - 130			07/17/23 09:21	07/22/23 20:41	1
o-Terphenyl	104		70 - 130			07/17/23 09:21	07/22/23 20:41	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble o lute

Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	DIFac
Chloride	60.8	5.00	mg/Kg			07/11/23 19:36	1
Client Sample ID: SS05A					Lab San	nple ID: 890-4	914-11

Client Sample ID: SS05A

Date Collected: 07/07/23 12:15 Date Received: 07/07/23 14:57

Sample Depth: 1

Method: SW846 8021B - Volati								
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	< 0.00202	U	0.00202	mg/Kg		07/11/23 12:32	07/12/23 07:07	1
Toluene	<0.00202	U	0.00202	mg/Kg		07/11/23 12:32	07/12/23 07:07	1
Ethylbenzene	<0.00202	U *- *1	0.00202	mg/Kg		07/11/23 12:32	07/12/23 07:07	1
m-Xylene & p-Xylene	<0.00403	U *- *1	0.00403	mg/Kg		07/11/23 12:32	07/12/23 07:07	1
o-Xylene	<0.00202	U *- *1	0.00202	mg/Kg		07/11/23 12:32	07/12/23 07:07	1
Xylenes, Total	<0.00403	U *- *1	0.00403	mg/Kg		07/11/23 12:32	07/12/23 07:07	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130			07/11/23 12:32	07/12/23 07:07	1
1,4-Difluorobenzene (Surr)	77		70 - 130			07/11/23 12:32	07/12/23 07:07	1

Method: TAL SOP Total BTEX - Total BTEX Calculation									
	Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Total BTEX	<0.00403	U	0.00403	mg/Kg			07/12/23 11:12	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
	Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Total TPH	<50.1	U	50.1	mg/Kg			07/17/23 13:24	1
ſ	—								

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.1	U	50.1	mg/Kg		07/12/23 12:11	07/14/23 17:19	1
(GRO)-C6-C10								
Diesel Range Organics (Over	<50.1	U	50.1	mg/Kg		07/12/23 12:11	07/14/23 17:19	1
C10-C28)								
Oll Range Organics (Over C28-C36)	<50.1	U	50.1	mg/Kg		07/12/23 12:11	07/14/23 17:19	1
Total TPH	<50.1	U	50.1	mg/Kg		07/12/23 12:11	07/14/23 17:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane			70 - 130			07/12/23 12:11	07/14/23 17:19	1
o-Terphenyl	99		70 - 130			07/12/23 12:11	07/14/23 17:19	1

		Clien	it Sample Re	sults				
Client: Ensolum Project/Site: Brinninstool Unit 003H			-				Job ID: 890 SDG: 03D2	
Client Sample ID: SS05A Date Collected: 07/07/23 12:15 Date Received: 07/07/23 14:57						Lab Sam	ple ID: 890-4 Matri	914-1 x: Soli
Sample Depth: 1								
Method: EPA 300.0 - Anions, Ion C	hromatograp	ohy - Solubl	e					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Chloride	67.2		5.01	mg/Kg			07/11/23 19:41	
Client Sample ID: SS06A						Lab Sam	ple ID: 890-4	914-1
Date Collected: 07/07/23 12:20							-	x: Soli
Date Received: 07/07/23 14:57							inati	
Sample Depth: 1								
Mathadi SW946 9024 B. Valatila O	reania Comu	eurode (CC)						
Method: SW846 8021B - Volatile O Analyte	• •	Qualifier) RL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00199		0.00199	mg/Kg		07/11/23 12:32	07/12/23 07:28	
Toluene	< 0.00199		0.00199	mg/Kg		07/11/23 12:32	07/12/23 07:28	
Ethylbenzene	< 0.00199		0.00199	mg/Kg		07/11/23 12:32	07/12/23 07:28	
m-Xylene & p-Xylene	< 0.00398		0.00398	mg/Kg		07/11/23 12:32	07/12/23 07:28	
o-Xylene	< 0.00199		0.00199	mg/Kg		07/11/23 12:32	07/12/23 07:28	
Xylenes, Total	<0.00398		0.00398	mg/Kg		07/11/23 12:32	07/12/23 07:28	
Summersete	% Decessory	Ovelifier	Limits			Duonouod	Analyzad	
Surrogate 4-Bromofluorobenzene (Surr)	%Recovery 79	Qualifier	70 - 130			Prepared 07/11/23 12:32	Analyzed 07/12/23 07:28	Dil Fa
1,4-Difluorobenzene (Surr)	87		70 - 130 70 - 130			07/11/23 12:32	07/12/23 07:28	
	0,		102100			077772072.02	0111220 01.20	
Method: TAL SOP Total BTEX - Tot								
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00398	U	0.00398	mg/Kg			07/12/23 11:12	
Method: SW846 8015 NM - Diesel F	Range Organ	ics (DRO) (GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	<49.8	U	49.8	mg/Kg			07/17/23 13:24	
- Method: SW846 8015B NM - Diese	l Range Orga	nics (DRO)	(GC)					
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		07/12/23 12:11	07/14/23 17:41	
Diesel Range Organics (Over	<49.8	U	49.8	mg/Kg		07/12/23 12:11	07/14/23 17:41	
C10-C28) Oll Range Organics (Over C28-C36)	<49.8		49.8	mg/Kg		07/12/23 12:11	07/14/23 17:41	
Total TPH	<49.8 <49.8		49.8	mg/Kg		07/12/23 12:11	07/14/23 17:41	
Q	% D	0	1 : : 4			D	A	5
Surrogate	%Recovery		Limits			Prepared	Analyzed	Dil Fa
1-Chlorooctane		S1+	70 - 130			07/12/23 12:11	07/14/23 17:41	
o-Terphenyl 	107		70 - 130			07/12/23 12:11	07/14/23 17:41	
Method: EPA 300.0 - Anions, Ion C		-						
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Chlorido	77 9		4 99	ma/Ka			07/11/23 19:46	

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07/11/23 19:46

Chloride

4.99

mg/Kg

77.9

RL

0.00200

0.00200

0.00200

0.00399

0.00200

Unit

mg/Kg

mg/Kg

mg/Kg

mg/Kg

mg/Kg

D

Prepared

07/11/23 12:32

07/11/23 12:32

07/11/23 12:32

07/11/23 12:32

07/11/23 12:32

Job ID: 890-4914-1 SDG: 03D2024197

Client Sample ID: SS07A

Project/Site: Brinninstool Unit 003H

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

Result Qualifier

<0.00200 U

<0.00200 U

<0.00200 U*-*1

<0.00399 U*-*1

<0.00200 U*-*1

Date Collected: 07/07/23 12:25 Date Received: 07/07/23 14:57

Sample Depth: 1

Analyte

Benzene

Toluene

o-Xylene

Ethylbenzene

m-Xylene & p-Xylene

Client: Ensolum

Analyzed

07/12/23 07:49

07/12/23 07:49

07/12/23 07:49

07/12/23 07:49

07/12/23 07:49

Matrix: Solid

1

1

1

1

1

5 Dil Fac

Xylenes, Total	<0.00399	U *- *1	0.00399	mg/Kg		07/11/23 12:32	07/12/23 07:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130			07/11/23 12:32	07/12/23 07:49	1
1,4-Difluorobenzene (Surr)	68	S1-	70 - 130			07/11/23 12:32	07/12/23 07:49	1
Method: TAL SOP Total BTEX - T	otal BTEX Cal	culation						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			07/12/23 11:12	1
Method: SW846 8015 NM - Diese	l Range Organ	ics (DRO) (GC)					
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			07/17/23 13:24	1
Method: SW846 8015B NM - Dies			· · ·		_	- ·		
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		07/12/23 12:11	07/14/23 18:03	1
Diesel Range Organics (Over	<49.9	U	49.9	mg/Kg		07/12/23 12:11	07/14/23 18:03	1
C10-C28)				0.0				
Oll Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		07/12/23 12:11	07/14/23 18:03	1
Total TPH	<49.9	U	49.9	mg/Kg		07/12/23 12:11	07/14/23 18:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	133	S1+	70 - 130			07/12/23 12:11	07/14/23 18:03	1
o-Terphenyl	110		70 - 130			07/12/23 12:11	07/14/23 18:03	1
Method: EPA 300.0 - Anions, Ion	Chromatogram	ohv - Solubi	e					
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	96.5		4.99	mg/Kg			07/11/23 19:52	1
Client Sample ID: SS08A						Lab Sam	ple ID: 890-4	914-14
Date Collected: 07/07/23 12:30							•	x: Solid
Date Received: 07/07/23 14:57								
Sample Depth: 1								

Method: SW846 8021B - Volatile Organic Compounds (GC) Analyte Result Qualifier RL Unit D Prepared Analyzed Dil Fac <0.00199 Benzene U 0.00199 mg/Kg 07/11/23 12:32 07/12/23 08:09 1 Toluene <0.00199 U 0.00199 mg/Kg 07/11/23 12:32 07/12/23 08:09 1 07/11/23 12:32 Ethylbenzene <0.00199 U*-*1 0.00199 mg/Kg 07/12/23 08:09 1 <0.00398 U*-*1 0.00398 07/11/23 12:32 07/12/23 08:09 m-Xylene & p-Xylene mg/Kg 1 <0.00199 U*-*1 0.00199 07/11/23 12:32 07/12/23 08:09 o-Xylene mg/Kg 1 <0.00398 U*-*1 0.00398 Xylenes, Total 07/11/23 12:32 07/12/23 08:09 mg/Kg 1

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Released to Imaging: 3/31/2025 91286193AM

7/24/2023

Job ID: 890-4914-1 SDG: 03D2024197

Client Sample ID: SS08A

Project/Site: Brinninstool Unit 003H

Date Collected: 07/07/23 12:30

Date Received: 07/07/23 14:57 Sample Depth: 1

Client: Ensolum

Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130			07/11/23 12:32	07/12/23 08:09	1
1,4-Difluorobenzene (Surr)	71		70 - 130			07/11/23 12:32	07/12/23 08:09	1
Method: TAL SOP Total BTEX - T	otal BTEX Calo	culation						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			07/12/23 11:12	1
Method: SW846 8015 NM - Diese	I Range Organ	ics (DRO) (GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			07/17/23 13:24	1
Method: SW846 8015B NM - Dies	el Range Orga	nics (DRO)	(GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		07/12/23 12:11	07/15/23 07:36	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		07/12/23 12:11	07/15/23 07:36	1
Oll Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		07/12/23 12:11	07/15/23 07:36	1
Total TPH	<49.8	U	49.8	mg/Kg		07/12/23 12:11	07/15/23 07:36	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130			07/12/23 12:11	07/15/23 07:36	1
o-Terphenyl	93		70 - 130			07/12/23 12:11	07/15/23 07:36	1
Method: EPA 300.0 - Anions, Ion	Chromatograp	hy - Solubl	e					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	81.7		4.98	mg/Kg			07/11/23 19:57	1
lient Sample ID: SS09A						Lab Sam	ple ID: 890-4	914-15
ate Collected: 07/07/23 12:35							Matri	x: Solid
ate Received: 07/07/23 14:57								
ample Depth: 1								
Method: SW846 8021B - Volatile	Organic Comp	ounds (GC))					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		07/11/23 13:40	07/12/23 05:44	1

Ethylbenzene 0.00200 07/11/23 13:40 07/12/23 05:44 <0.00200 U mg/Kg m-Xylene & p-Xylene <0.00399 U 0.00399 mg/Kg 07/11/23 13:40 07/12/23 05:44 o-Xylene <0.00200 U 0.00200 mg/Kg 07/11/23 13:40 07/12/23 05:44 Xylenes, Total <0.00399 U 0.00399 07/11/23 13:40 07/12/23 05:44 mg/Kg Surrogate %Recovery Qualifier Limits Prepared Analyzed 4-Bromofluorobenzene (Surr) 82 70 - 130 07/11/23 13:40 07/12/23 05:44 97 70 - 130 1,4-Difluorobenzene (Surr) 07/11/23 13:40 07/12/23 05:44

Method: TAL SOP Total BTEX - Total BTEX Calculation Analyte Result Qualifier RL Unit D Prepared Analyzed Dil Fac Total BTEX <0.00399 U 0.00399 07/12/23 14:48 mg/Kg 1

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Lab Sample ID: 890-4914-14 Matrix: Solid

5

1

1

1

1

1

1

Dil Fac

Job ID: 890-4914-1 SDG: 03D2024197

Lab Sample ID: 890-4914-15

Client Sample ID: SS09A

Project/Site: Brinninstool Unit 003H

Date Collected: 07/07/23 12:35 Date Received: 07/07/23 14:57

Sample Depth: 1

Client: Ensolum

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7	mg/Kg			07/17/23 13:24	1
Method: SW846 8015B NM - Dies	el Range Orga	nics (DRO)	(GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7	mg/Kg		07/12/23 12:11	07/15/23 08:28	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7	mg/Kg		07/12/23 12:11	07/15/23 08:28	1
Oll Range Organics (Over C28-C36)	<49.7	U	49.7	mg/Kg		07/12/23 12:11	07/15/23 08:28	1
Total TPH	<49.7	U	49.7	mg/Kg		07/12/23 12:11	07/15/23 08:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130			07/12/23 12:11	07/15/23 08:28	1
o-Terphenyl	100		70 - 130			07/12/23 12:11	07/15/23 08:28	1
Method: EPA 300.0 - Anions, Ion	Chromatograp	hy - Solubl	e					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	102	F1	5.00	mg/Kg			07/11/23 13:46	1

Date Collected: 07/07/23 12:40

Date Received: 07/07/23 14:57

Sample Depth: 1

Analyte

Benzene

Toluene

o-Xylene

Surrogate

Method: SW846 8021B - Volatile Organic Compounds (GC) Result Qualifier RL Unit D Dil Fac Prepared Analyzed <0.00199 U 0.00199 mg/Kg 07/11/23 13:40 07/12/23 06:04 <0.00199 U 0.00199 07/11/23 13:40 07/12/23 06:04 mg/Kg 07/11/23 13:40 07/12/23 06:04 Ethylbenzene <0.00199 U 0.00199 mg/Kg m-Xylene & p-Xylene <0.00398 U 0.00398 07/11/23 13:40 07/12/23 06:04 mg/Kg <0.00199 U 0.00199 mg/Kg 07/11/23 13:40 07/12/23 06:04 Xylenes, Total <0.00398 U 0.00398 mg/Kg 07/11/23 13:40 07/12/23 06:04 %Recovery Qualifier Limits Prepared Dil Fac Analyzed 07/11/23 13:40 4-Bromofluorobenzene (Surr) 92 70 - 130 07/12/23 06:04 1,4-Difluorobenzene (Surr) 103 70 - 130 07/11/23 13:40 07/12/23 06:04 Method: TAL SOP Total BTEX - Total BTEX Calculation

	Analyte	Result		RL	Unit	D	Prepared	Analyzed	Dil Fac
l	Total BTEX	<0.00398	U	0.00398	mg/Kg			07/12/23 14:48	1
ſ	_ Method: SW846 8015 NM - Diesel I	Range Organ	ics (DRO) ((GC)					

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			07/17/23 13:24	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0	mg/Kg		07/12/23 12:11	07/15/23 08:50	1
(GRO)-C6-C10								
Diesel Range Organics (Over	<50.0	U	50.0	mg/Kg		07/12/23 12:11	07/15/23 08:50	1
C10-C28)								
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		07/12/23 12:11	07/15/23 08:50	1

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Matrix: Solid

Matrix: Solid

1

1

1

1

1

1

1

1

Job ID: 890-4914-1 SDG: 03D2024197

Matrix: Solid

Matrix: Solid

Lab Sample ID: 890-4914-16

Client Sample ID: SW01

Project/Site: Brinninstool Unit 003H

Date Collected: 07/07/23 12:40 Date Received: 07/07/23 14:57

Sample Depth: 1

Client: Ensolum

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg		07/12/23 12:11	07/15/23 08:50	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130			07/12/23 12:11	07/15/23 08:50	1
o-Terphenyl	101		70 - 130			07/12/23 12:11	07/15/23 08:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	67.9	5.03	mg/Kg			07/11/23 14:04	1	
Client Sample ID: SW02					Lab Sam	ple ID: 890-4	914-17	

Client Sample ID: SW02

Date Collected: 07/07/23 12:45 Date Received: 07/07/23 14:57

Sample Depth: 1

Method: SW846 8021B - Volatile Organic Compounds (GC)								
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	< 0.00199	U	0.00199	mg/Kg		07/11/23 13:40	07/12/23 06:25	1
Toluene	<0.00199	U	0.00199	mg/Kg		07/11/23 13:40	07/12/23 06:25	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		07/11/23 13:40	07/12/23 06:25	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		07/11/23 13:40	07/12/23 06:25	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		07/11/23 13:40	07/12/23 06:25	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		07/11/23 13:40	07/12/23 06:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130			07/11/23 13:40	07/12/23 06:25	1
1,4-Difluorobenzene (Surr)	100		70 - 130			07/11/23 13:40	07/12/23 06:25	1

Method: TAL SOP Total BTEX - Total BTEX Calculation									
	Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Total BTEX	<0.00398	U	0.00398	mg/Kg			07/12/23 14:48	1
Ĵ									

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)											
	Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac		
	Total TPH	<50.1	U	50.1	mg/Kg			07/17/23 13:24	1		

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.1	U	50.1	mg/Kg		07/12/23 12:11	07/15/23 09:11	1
(GRO)-C6-C10								
Diesel Range Organics (Over	<50.1	U	50.1	mg/Kg		07/12/23 12:11	07/15/23 09:11	1
C10-C28)								
Oll Range Organics (Over C28-C36)	<50.1	U	50.1	mg/Kg		07/12/23 12:11	07/15/23 09:11	1
Total TPH	<50.1	U	50.1	mg/Kg		07/12/23 12:11	07/15/23 09:11	1
						_		
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130			07/12/23 12:11	07/15/23 09:11	1
o-Terphenyl	101		70 - 130			07/12/23 12:11	07/15/23 09:11	1

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		Client	Sample Res	sults					1
Client: Ensolum Project/Site: Brinninstool Unit 003H							Job ID: 890 SDG: 03D2		2
Client Sample ID: SW02 Date Collected: 07/07/23 12:45						Lab San	n <mark>ple ID: 890-4</mark> Matri	914-17 ix: Solid	
Date Received: 07/07/23 14:57 Sample Depth: 1									4
Method: EPA 300.0 - Anions, Ion C Analyte		hy - Soluble Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	5
Chloride	55.8		5.02	mg/Kg		Fieparea	07/11/23 14:10	1	
									8
									9
									13

Surrogate Summary

Client: Ensolum Project/Site: Brinninstool Unit 003H

Method: 8021B - Volatile Organic Compounds (GC) Matrix: Solid

		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
890-4913-A-1-B MS	Matrix Spike	106	104
890-4913-A-1-B MS	Matrix Spike	120	83
890-4913-A-1-C MSD	Matrix Spike Duplicate	119	95
890-4913-A-1-C MSD	Matrix Spike Duplicate	137 S1+	63 S1-
890-4914-1	FS01	88	86
890-4914-2	FS02	95	65 S1-
890-4914-3	FS03	93	69 S1-
890-4914-4	FS04	101	71
890-4914-5	FS05	89	67 S1-
890-4914-6	FS06	93	72
890-4914-7	FS07	97	73
890-4914-8	FS08	82	72
890-4914-9	FS09	81	80
890-4914-10	FS10	92	74
890-4914-11	SS05A	91	77
890-4914-12	SS06A	79	87
890-4914-13	SS07A	92	68 S1-
890-4914-14	SS08A	92	71
890-4914-15	SS09A	82	97
890-4914-16	SW01	92	103
890-4914-17	SW02	93	100
890-4915-A-1-C MS	Matrix Spike	88	110
890-4915-A-1-D MSD	Matrix Spike Duplicate	90	106
LCS 880-57410/1-A	Lab Control Sample	102	107
LCS 880-57410/1-A	Lab Control Sample	130	64 S1-
LCS 880-57416/1-A	Lab Control Sample	91	100
LCSD 880-57410/2-A	Lab Control Sample Dup	48 S1-	94
LCSD 880-57410/2-A	Lab Control Sample Dup	138 S1+	80
LCSD 880-57416/2-A	Lab Control Sample Dup	89	105
MB 880-57308/5-A	Method Blank	76	89
MB 880-57324/5-A	Method Blank	97	120
MB 880-57410/5-A	Method Blank	78	68 S1-
MB 880-57410/5-A	Method Blank	78	88
MB 880-57416/5-A	Method Blank	98	119
Surrogate Legend			

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
		1001	OTDUA	Percent Surrogate Recovery (Acceptance Limits)
		1CO1	OTPH1	
Lab Sample ID	Client Sample ID			
890-4913-A-1-F MS	Matrix Spike			
890-4913-A-1-G MSD	Matrix Spike Duplicate			
Surrogate Legend				
1CO = 1-Chlorooctane				
OTPH = o-Terphenyl				

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6

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Client: Ensolum Project/Site: Brinninstool Unit 003H

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

Percent Surrogate Recovery (Acceptance Limits) 1CO1 OTPH1 Client Sample ID (70-130) (70-130) Lab Sample ID 890-4914-1 FS01 111 95 890-4914-2 FS02 128 109 890-4914-3 FS03 161 S1+ 139 S1+ FS04 890-4914-4 145 S1+ 123 890-4914-5 FS05 103 118 890-4914-6 FS06 134 S1+ 114 890-4914-7 FS07 117 101 FS08 141 S1+ 890-4914-8 119 890-4914-9 FS09 142 S1+ 124 890-4914-10 FS10 124 104 890-4914-11 SS05A 117 99 890-4914-12 SS06A 131 S1+ 107 890-4914-13 SS07A 133 S1+ 110 890-4914-14 SS08A 110 93 890-4914-15 SS09A 100 118 890-4914-16 SW01 118 101 890-4914-17 SW02 119 101 890-4915-A-1-F MS Matrix Spike 140 S1+ 103 890-4915-A-1-G MSD Matrix Spike Duplicate 124 89 LCS 880-57501/2-A Lab Control Sample 106 92 Lab Control Sample 93 LCS 880-57801/2-A 95 LCSD 880-57501/3-A Lab Control Sample Dup 103 91 LCSD 880-57801/3-A Lab Control Sample Dup 98 111 MB 880-57501/1-A Method Blank 146 S1+ 122 MB 880-57801/1-A Method Blank 161 S1+ 139 S1+

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Job ID: 890-4914-1 SDG: 03D2024197

Prep Type: Total/NA

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Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-57308/5-A						Client Sa	mple ID: Metho	
Matrix: Solid							Prep Type:	Total/NA
Analysis Batch: 57379							Prep Batcl	h: 5730 8
	MB	MB						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		07/10/23 12:59	07/11/23 13:22	1
Toluene	<0.00200	U	0.00200	mg/Kg		07/10/23 12:59	07/11/23 13:22	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		07/10/23 12:59	07/11/23 13:22	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		07/10/23 12:59	07/11/23 13:22	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		07/10/23 12:59	07/11/23 13:22	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		07/10/23 12:59	07/11/23 13:22	
	MB	MB						
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	76		70 - 130			07/10/23 12:59	07/11/23 13:22	1
1,4-Difluorobenzene (Surr)	89		70 - 130			07/10/23 12:59	07/11/23 13:22	1
Lab Sample ID: MB 880-57324/5-A						Client Sa	mple ID: Metho	d Blank
Matrix: Solid							Prep Type: 1	Total/NA
Analysis Batch: 57381							Prep Batcl	h: 57324
-	MB	MB						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		07/10/23 14:17	07/11/23 12:23	1
Toluene	<0.00200	U	0.00200	mg/Kg		07/10/23 14:17	07/11/23 12:23	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		07/10/23 14:17	07/11/23 12:23	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		07/10/23 14:17	07/11/23 12:23	
o-Xylene	<0.00200	U	0.00200	mg/Kg		07/10/23 14:17	07/11/23 12:23	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		07/10/23 14:17	07/11/23 12:23	1
	МВ	МВ						
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130			07/10/23 14:17	07/11/23 12:23	1
1,4-Difluorobenzene (Surr)	120		70 _ 130			07/10/23 14:17	07/11/23 12:23	1
Lab Sample ID: MB 880-57410/5-A						Client Se	mple ID: Metho	d Blank
Matrix: Solid						Chefft Sa	Prep Type: 1	
							Prep Batcl	
Analysis Batch: 57379	MB	мв					Fiep Balci	1. 57410
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200		0.00200	mg/Kg		07/11/23 12:32	07/12/23 00:17	1
Toluene	< 0.00200		0.00200	mg/Kg		07/11/23 12:32	07/12/23 00:17	1
	<0.00200							ו ג
Ethylbenzene			0.00200	mg/Kg		07/11/23 12:32	07/12/23 00:17	ا م
m-Xylene & p-Xylene	< 0.00400		0.00400	mg/Kg		07/11/23 12:32	07/12/23 00:17	1
o-Xylene	< 0.00200		0.00200	mg/Kg		07/11/23 12:32	07/12/23 00:17	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		07/11/23 12:32	07/12/23 00:17	1
		МВ				_		_
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	78		70 - 130			07/11/23 12:32	07/12/23 00:17	1

1,4-Difluorobenzene (Surr)

SDG: 03D2024197

Job ID: 890-4914-1

07/11/23 12:32 07/12/23 00:17

70 - 130

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Client: Ensolum Project/Site: Brinninstool Unit 003H

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

Lab Sample ID: MB 880-57410/5-A Matrix: Solid Analysis Batch: 57560	МВ	МВ				Client Sa	Client Sample ID: Method Blank Prep Type: Total/NA Prep Batch: 57410					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac				
Benzene	<0.00200	U	0.00200	mg/Kg		07/11/23 12:32	07/13/23 12:16	1	6			
Toluene	<0.00200	U	0.00200	mg/Kg		07/11/23 12:32	07/13/23 12:16	1				
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		07/11/23 12:32	07/13/23 12:16	1	7			
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		07/11/23 12:32	07/13/23 12:16	1				
o-Xylene	<0.00200	U	0.00200	mg/Kg		07/11/23 12:32	07/13/23 12:16	1	8			
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		07/11/23 12:32	07/13/23 12:16	1				
	МВ	МВ							9			
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac				
4-Bromofluorobenzene (Surr)	78		70 - 130			07/11/23 12:32	07/13/23 12:16	1	10			
1,4-Difluorobenzene (Surr)	88		70 - 130			07/11/23 12:32	07/13/23 12:16	1				
Lab Sample ID: LCS 880-57410/1-A Matrix: Solid					c	lient Sample I	D: Lab Control Prep Type: 1		11			

Analysis Batch: 57379

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.08469		mg/Kg		85	70 - 130	
Toluene	0.100	0.09997		mg/Kg		100	70 - 130	
Ethylbenzene	0.100	0.08975		mg/Kg		90	70 - 130	
m-Xylene & p-Xylene	0.200	0.1781		mg/Kg		89	70 - 130	
o-Xylene	0.100	0.09104		mg/Kg		91	70 - 130	

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: LCS 880-57410/1-A

Matrix: Solid

Analysis Batch: 57560							Prep B	atch: 57410
	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.08216		mg/Kg		82	70 - 130	
Toluene	0.100	0.07970		mg/Kg		80	70 - 130	
Ethylbenzene	0.100	0.08950		mg/Kg		89	70 - 130	
m-Xylene & p-Xylene	0.200	0.1673		mg/Kg		84	70 - 130	
o-Xylene	0.100	0.08622		mg/Kg		86	70 - 130	

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	130		70 - 130
1,4-Difluorobenzene (Surr)	64	S1-	70 - 130

Lab Sample ID: LCSD 880-57410/2-A

Matrix: Solid

Analysis Batch: 57379				Prep Batch:		57410			
	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.07869		mg/Kg		79	70 - 130	7	35
Toluene	0.100	0.07145		mg/Kg		71	70 - 130	33	35

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Prep Type: Total/NA

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Job ID: 890-4914-1 SDG: 03D2024197

Prep Batch: 57410

Prep Type: Total/NA

Client Sample ID: Lab Control Sample

Client Sample ID: Lab Control Sample Dup

Client: Ensolum Project/Site: Brinninstool Unit 003H Job ID: 890-4914-1 SDG: 03D2024197

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

Analysis Batch: 57379 Analyte Ethylbenzene m-Xylene & p-Xylene o-Xylene Surrogate %Re 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Lab Sample ID: LCSD 880-57410/2-A Matrix: Solid Analyte Benzene Toluene			Spike Added 0.100 0.200 0.100 Limits 70 - 130 70 - 130		*- *1	Unit mg/Kg mg/Kg mg/Kg	<u> </u>	%Rec 61 54 51		RPD 38 49 56	
Ethylbenzene m-Xylene & p-Xylene o-Xylene <i>Surrogate %Re</i> 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Lab Sample ID: LCSD 880-57410/2-A Matrix: Solid Analysis Batch: 57560 Analyte Benzene	covery 48	Qualifier S1-	Added 0.100 0.200 0.100 Limits 70 - 130	Result 0.06092 0.1078	Qualifier *- *1 *- *1	mg/Kg mg/Kg mg/Kg	<u>D</u>	61 54	Limits 70 - 130 70 - 130	38 49	Limit 35 35
Ethylbenzene m-Xylene & p-Xylene o-Xylene <i>Surrogate %Re</i> 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Lab Sample ID: LCSD 880-57410/2-A Matrix: Solid Analysis Batch: 57560 Analyte Benzene	covery 48	Qualifier S1-	0.100 0.200 0.100 <u>Limits</u> 70 - 130	0.06092	*- *1 *- *1	mg/Kg mg/Kg mg/Kg	<u> </u>	61 54	70 - 130 70 - 130	38 49	35
m-Xylene & p-Xylene o-Xylene <i>Surrogate %Re</i> <i>4-Bromofluorobenzene (Surr)</i> 1,4-Difluorobenzene (Surr) Lab Sample ID: LCSD 880-57410/2-A Matrix: Solid Analysis Batch: 57560 Analyte Benzene	covery 48	Qualifier S1-	0.200 0.100 Limits 70 - 130	0.1078	*- *1	mg/Kg mg/Kg		54	70 - 130	49	35
o-Xylene Surrogate %Re 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Lab Sample ID: LCSD 880-57410/2-A Matrix: Solid Analysis Batch: 57560 Analyte Benzene	covery 48	Qualifier S1-	0.100 Limits 70 - 130			mg/Kg					
Surrogate %Re 4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Xabset (Surr) Lab Sample ID: LCSD 880-57410/2-A Matrix: Solid Analysis Batch: 57560 Analyte Benzene Xabset (Surr)	covery 48	Qualifier S1-	Limits 70 - 130	0.05119	*- *1			51	70 - 130	56	35
4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Lab Sample ID: LCSD 880-57410/2-A Matrix: Solid Analysis Batch: 57560 Analyte Benzene	covery 48	Qualifier S1-	70 - 130								
4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr) Lab Sample ID: LCSD 880-57410/2-A Matrix: Solid Analysis Batch: 57560 Analyte Benzene	48	S1-	70 - 130								
1,4-Difluorobenzene (Surr) Lab Sample ID: LCSD 880-57410/2-A Matrix: Solid Analysis Batch: 57560 Analyte Benzene											
Lab Sample ID: LCSD 880-57410/2-A Matrix: Solid Analysis Batch: 57560 Analyte Benzene	94		70 - 130								
Matrix: Solid Analysis Batch: 57560 Analyte Benzene											
Matrix: Solid Analysis Batch: 57560 Analyte Benzene						Clier	nt San	nple ID:	Lab Contro	I Sample	e Dup
Analyte										· Type: Tot	
Analyte										Batch:	
Benzene			Spike	LCSD	LCSD				%Rec		RPD
			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limi
Toluene			0.100	0.09483		mg/Kg		95	70 - 130	14	35
			0.100	0.1011		mg/Kg		101	70 - 130	24	35
Ethylbenzene			0.100	0.1066		mg/Kg		107	70 - 130	17	35
m-Xylene & p-Xylene			0.200	0.1963		mg/Kg		98	70 - 130	16	35
o-Xylene			0.100	0.09878		mg/Kg		99	70 - 130	14	35
	LCSD	LCSD									
Surrogate %Re		Qualifier	Limits								

1,4-Difluorobenzene (Surr)	80	
Lab Sample ID: 890-4913-A-1-B MS		

Matrix: Solid Analysis Batch: 57379

	Sample	Sample	Spike	MS	MS				%Rec
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
Benzene	<0.00198	U F1	0.0994	0.06309	F1	mg/Kg		63	70 - 130
Toluene	<0.00198	U F1	0.0994	0.06656	F1	mg/Kg		67	70 - 130
Ethylbenzene	<0.00198	U *- *1 F1	0.0994	0.05609	F1	mg/Kg		56	70 - 130
m-Xylene & p-Xylene	<0.00396	U *- *1 F1	0.199	0.1073	F1	mg/Kg		54	70 - 130
o-Xylene	<0.00198	U *- *1 F1	0.0994	0.05310	F1	mg/Kg		53	70 - 130
o-xylene	<0.00196	U - 1FI	0.0994	0.05310	FI	mg/Kg		55	70 - 130

70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: 890-4913-A-1-B MS Matrix: Solid

Analysis Batch: 57560									Prep	Batch: 57410
	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00198	U	0.0994	0.1015		mg/Kg		102	70 - 130	
Toluene	<0.00198	U	0.0994	0.09426		mg/Kg		95	70 - 130	
Ethylbenzene	<0.00198	U	0.0994	0.09460		mg/Kg		95	70 - 130	
m-Xylene & p-Xylene	<0.00396	U	0.199	0.1706		mg/Kg		86	70 - 130	
o-Xylene	<0.00198	U	0.0994	0.08990		mg/Kg		90	70 - 130	

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Client Sample ID: Matrix Spike

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Type: Total/NA Prep Batch: 57410

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Client: Ensolum Project/Site: Brinninstool Unit 003H

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

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	120		70 - 130
1,4-Difluorobenzene (Surr)	83		70 - 130

Lab Sample ID: 890-4913-A-1-C MSD

Matrix: Solid

Analysis Batch: 57379									Prep	Batch:	57410
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00198	U F1	0.0998	0.05752	F1	mg/Kg		58	70 - 130	9	35
Toluene	<0.00198	U F1	0.0998	0.06071	F1	mg/Kg		61	70 - 130	9	35
Ethylbenzene	<0.00198	U *- *1 F1	0.0998	0.05512	F1	mg/Kg		55	70 - 130	2	35
m-Xylene & p-Xylene	<0.00396	U *- *1 F1	0.200	0.1031	F1	mg/Kg		52	70 - 130	4	35
o-Xylene	<0.00198	U *- *1 F1	0.0998	0.05233	F1	mg/Kg		52	70 - 130	1	35
	MSD	MSD									

	NIGD	MICD.	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	119		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: 890-4913-A-1-C MSD Matrix: Solid Analysis Batch: 57560

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00198	U	0.0998	0.1105		mg/Kg		111	70 - 130	8	35
Toluene	<0.00198	U	0.0998	0.1116		mg/Kg		112	70 - 130	17	35
Ethylbenzene	<0.00198	U	0.0998	0.09749		mg/Kg		98	70 - 130	3	35
m-Xylene & p-Xylene	<0.00396	U	0.200	0.1770		mg/Kg		89	70 - 130	4	35
o-Xylene	<0.00198	U	0.0998	0.09498		mg/Kg		95	70 - 130	6	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130
1,4-Difluorobenzene (Surr)	63	S1-	70 - 130

Lab Sample ID: MB 880-57416/5-A Matrix: Solid

Analysis Batch: 57381

						· · · · ·	
MB	MB						
Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
<0.00200	U	0.00200	mg/Kg		07/11/23 13:40	07/12/23 00:21	1
<0.00200	U	0.00200	mg/Kg		07/11/23 13:40	07/12/23 00:21	1
<0.00200	U	0.00200	mg/Kg		07/11/23 13:40	07/12/23 00:21	1
<0.00400	U	0.00400	mg/Kg		07/11/23 13:40	07/12/23 00:21	1
<0.00200	U	0.00200	mg/Kg		07/11/23 13:40	07/12/23 00:21	1
<0.00400	U	0.00400	mg/Kg		07/11/23 13:40	07/12/23 00:21	1
MB	МВ						
%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
98		70 - 130			07/11/23 13:40	07/12/23 00:21	1
119		70 - 130			07/11/23 13:40	07/12/23 00:21	1
	Result <0.00200	Result Qualifier <0.00200	Result Qualifier RL <0.00200	Result Qualifier RL Unit <0.00200	Result Qualifier RL Unit D <0.00200	Result Qualifier RL Unit D Prepared <0.00200	Result Qualifier RL Unit D Prepared Analyzed <0.00200

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Job ID: 890-4914-1 SDG: 03D2024197

Prep Type: Total/NA

Client Sample ID: Matrix Spike Duplicate

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 57416

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA Prep Batch: 57410

7/24/2023

Client: Ensolum Project/Site: Brinninstool Unit 003H Job ID: 890-4914-1 SDG: 03D2024197

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

Lab Sample ID: LCS 880-574 Matrix: Solid	416/1-A						Client	Sample	ID: Lab Control Sample Prep Type: Total/NA
Analysis Batch: 57381									Prep Batch: 5741
			Spike	LCS	LCS				%Rec
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits
Benzene			0.100	0.09913		mg/Kg		99	70 - 130
Toluene			0.100	0.1184		mg/Kg		118	70 - 130
Ethylbenzene			0.100	0.09377		mg/Kg		94	70 - 130
m-Xylene & p-Xylene			0.200	0.1784		mg/Kg		89	70 - 130
o-Xylene			0.100	0.08677		mg/Kg		87	70 - 130
	LCS	LCS							
Surrogate	%Recovery	Qualifier	Limits						
4-Bromofluorobenzene (Surr)	91		70 - 130						
1,4-Difluorobenzene (Surr)	100		70 - 130						

Lab Sample ID: LCSD 880-57416/2-A Matrix: Solid Analysis Batch: 57381

Analysis Batch: 57381							Prep	Batch:	57416
	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.1034		mg/Kg		103	70 - 130	4	35
Toluene	0.100	0.1128		mg/Kg		113	70 - 130	5	35
Ethylbenzene	0.100	0.08936		mg/Kg		89	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1669		mg/Kg		83	70 - 130	7	35
o-Xylene	0.100	0.08307		mg/Kg		83	70 - 130	4	35

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	89		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: 890-4915-A-1-C MS Matrix: Solid Analysis Batch: 57381

Analysis Datch. 57501									ттер Ба	1011. 37410
	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00198	U	0.0994	0.09105		mg/Kg		92	70 - 130	
Toluene	<0.00198	U	0.0994	0.08376		mg/Kg		84	70 - 130	
Ethylbenzene	<0.00198	U F1	0.0994	0.05554	F1	mg/Kg		56	70 - 130	
m-Xylene & p-Xylene	<0.00396	U F1	0.199	0.1070	F1	mg/Kg		54	70 - 130	
o-Xylene	<0.00198	U F1	0.0994	0.05366	F1	mg/Kg		54	70 - 130	
	MS	MS								

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	88		70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

Lab Sample ID: 890-4915-A-1-D MSD Matrix: Solid

Analysis Batch: 57381 Prep Batch: 57416 MSD MSD RPD Sample Sample Spike %Rec Result Qualifier Added Result Qualifier Limits Limit Analyte Unit D %Rec RPD Benzene <0.00198 U 0.0998 0.09469 95 70 - 130 4 35 mg/Kg Toluene <0.00198 U 0.0998 0.08974 mg/Kg 90 70 - 130 7 35 Ethylbenzene <0.00198 UF1 0.0998 0.06132 F1 mg/Kg 61 70 - 130 10 35

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Prep Type: Total/NA

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Client Sample ID: Matrix Spike Prep Type: Total/NA Prep Batch: 57416

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Client Sample ID: Matrix Spike Duplicate

Client: Ensolum Project/Site: Brinninstool Unit 003H

Lab Sample ID: 890-4915-A- Matrix: Solid	-1-D MSD					CI	ient S	ample IC		ype: To	tal/NA
Analysis Batch: 57381	Sample	Sample	Spike	Men	MSD				Prep %Rec	Batch:	57416 RPD
Analyte	•	Qualifier	Added		Qualifier	Unit	D	%Rec	Limits	RPD	Limit
m-Xylene & p-Xylene	<0.00396	U F1	0.200	0.1226	F1	mg/Kg		61	70 - 130	14	35
o-Xylene	<0.00198	U F1	0.0998	0.06110	F1	mg/Kg		61	70 - 130	13	35
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	90		70 - 130								
1,4-Difluorobenzene (Surr)	106		70 - 130								

5 6

7

Client Sample ID: Method Blank

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

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

Lab Sample ID: MB 880-57501/1-/ Matrix: Solid Analysis Batch: 57664	А	МВ				Client Sa	mple ID: Metho Prep Type: ٦ Prep Batch	Total/NA
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		07/12/23 12:11	07/14/23 07:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		07/12/23 12:11	07/14/23 07:48	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		07/12/23 12:11	07/14/23 07:48	1
Total TPH	<50.0	U	50.0	mg/Kg		07/12/23 12:11	07/14/23 07:48	1
	MB	МВ						
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	146	S1+	70 - 130			07/12/23 12:11	07/14/23 07:48	1
o-Terphenyl	122		70 - 130			07/12/23 12:11	07/14/23 07:48	1

Lab Sample ID: LCS 880-57501/2-A Matrix: Solid aluaia Datahi 57004

Analysis Batch: 57664							Prep	Batch: 57501
	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	1000	1156		mg/Kg		116	70 - 130	
(GRO)-C6-C10								
Diesel Range Organics (Over	1000	990.1		mg/Kg		99	70 - 130	
C10-C28)								

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	106		70 - 130
o-Terphenyl	92		70 - 130

Lab Sample ID: LCSD 880-57501/3-A Matrix: Solid nalysis Batch: 57664

Analysis Batch: 57664							Prep	Batch:	57501
	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	1000	1034		mg/Kg		103	70 - 130	11	20
(GRO)-C6-C10									
Diesel Range Organics (Over	1000	873.4		mg/Kg		87	70 - 130	13	20
C10-C28)									

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Prep Type: Total/NA

Client Sample ID: Lab Control Sample Dup

Client: Ensolum Project/Site: Brinninstool Unit 003H

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

Lab Sample ID: LCSD 880-575		-						Clie	nt S	ample	ID: La	ab Control Sa		-
Matrix: Solid												Prep Type		
Analysis Batch: 57664												Prep Ba	tch:	57501
	LCSD	LCS	D											
Surrogate	%Recovery	Qua	lifier	Limits										
1-Chlorooctane	103			70 - 130										
o-Terphenyl	91			70 - 130										
Lab Sample ID: 890-4915-A-1-	FMS									CI	ient S	ample ID: Ma		-
Matrix: Solid												Prep Type		
Analysis Batch: 57664	0	0		0								Prep Ba	icn:	5/501
Analyta	Sample		•	Spike		MS	or Unit					%Rec Limits		
Analyte Gasoline Range Organics	Result <50.1			Added	1142	Qualifi	er Unit mg/			D %R	110	70 - 130		
(GRO)-C6-C10	<50.1	0		1000	1142		mg/	Ng		I	110	70 - 130		
Diesel Range Organics (Over	164			1000	1252		mg/	۲g		1	108	70 - 130		
C10-C28)							5	5						
	MS	мs												
Surrogata		Qual	lifior	Limits										
Surrogate 1-Chlorooctane	%Recovery 140	S1+		70 - 130										
o-Terphenyl	140	571		70 - 130 70 - 130										
	105			70 - 750										
Lab Sample ID: 890-4915-A-1-	G MSD							CI	ient	Samp	le ID:	Matrix Spike	Dup	licate
Matrix: Solid												Prep Type		
Analysis Batch: 57664												Prep Ba		
-	Sample	Sam	ple	Spike	MSD	MSD						%Rec		RPD
Analyte	Result	Qual	ifier	Added	Result	Qualifi	er Unit			D %R	Rec	Limits F	PD	Limit
Gasoline Range Organics (GRO)-C6-C10	<50.1	U		999	1002		mg/	≺g			97	70 - 130	13	20
Diesel Range Organics (Over	164			999	1081		mg/	۲g			92	70 - 130	15	20
C10-C28)														
	MSD	MSD	1											
Surrogate	%Recovery			Limits										
1-Chlorooctane	124			70 - 130										
o-Terphenyl	89			70 - 130										
Lab Sample ID: MB 880-57801	/ 1-A									Clie	ent Sa	mple ID: Met	hod	Blank
Matrix: Solid												Prep Type	: To	al/NA
Analysis Batch: 58259												Prep Ba	tch:	57801
		MB	МВ											
Analyte			Qualifier		RL	U	nit		2	Prepar	red	Analyzed		Dil Fac
Gasoline Range Organics	<	\$50.0	U	50	0.0	n	ng/Kg		C	07/17/23	09:18	07/22/23 09:08	3	1
(GRO)-C6-C10							all a			7/47/00	00.40	07/00/00 00 00	, ,	,
Diesel Range Organics (Over C10-C28)	<	\$50.0	U	50	.0	n	ng/Kg		C)7/17/23	09:18	07/22/23 09:08)	1
OII Range Organics (Over C28-C36)	<	50.0	U	50	0.0	m	ng/Kg		ſ)7/17/23	09:18	07/22/23 09:08	3	1
Total TPH		50.0		50			ng/Kg)7/17/23		07/22/23 09:08		
			-		-		55							·
			МВ											
Surrogate	%Reco		Qualifier	Limits						Prepar		Analyzed		Dil Fac
1-Chlorooctane		161	S1+	70 - 130)				C	07/17/23	09:18	07/22/23 09:0	3	1

Job ID: 890-4914-1 SDG: 03D2024197

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07/17/23 09:18 07/22/23 09:08

o-Terphenyl

70 - 130

139 S1+

1

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

-	801/2-A						Client	Sample	ID: Lab C		
Matrix: Solid										Гуре: То	
Analysis Batch: 58259									-	Batch:	5780 1
			Spike		LCS				%Rec		
Analyte			Added		Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics			1000	927.0		mg/Kg		93	70 - 130		
(GRO)-C6-C10			4000	040 7				00	70 400		
Diesel Range Organics (Over C10-C28)			1000	919.7		mg/Kg		92	70 - 130		
	LCS	LCS									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	95		70 - 130								
o-Terphenyl	93		70 - 130								
Lab Sample ID: LCSD 880-5	57801/3-A					Clier	nt Sam	ple ID: I	Lab Contro		
Matrix: Solid										Гуре: То	
Analysis Batch: 58259										Batch:	
			Spike	LCSD	LCSD				%Rec		RP
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Lim
Gasoline Range Organics			1000	1097		mg/Kg		110	70 - 130	17	2
GRO)-C6-C10			1000	10.15					70 /00	10	
Diesel Range Organics (Over C10-C28)			1000	1045		mg/Kg		105	70 - 130	13	2
	LCSD	LCSD									
Surrogate	%Recovery	Qualifier	Limits								
-Chlorooctane			70 - 130								
o-Terphenyl	98		70 - 130								
Lab Sample ID: 890-4913-A-	-1-F MS							Client	Sample ID	: Matrix	Spik
	-1-F MS							Client		: Matrix Гуре: To	
Matrix: Solid	-1-F MS							Client	Prep		tal/N
Matrix: Solid		MG						Client	Prep	Гуре: То	tal/N
Matrix: Solid Analysis Batch: 58259	MS		Limite					Client	Prep	Гуре: То	tal/N
Matrix: Solid Analysis Batch: 58259 Surrogate			Limits					Client	Prep	Гуре: То	tal/N
Matrix: Solid Analysis Batch: 58259 Surrogate -Chlorooctane	MS		Limits					Client	Prep	Гуре: То	tal/N
Matrix: Solid Analysis Batch: 58259 Surrogate -Chlorooctane	MS		Limits					Client	Prep	Гуре: То	tal/N
Matrix: Solid Analysis Batch: 58259 Surrogate -Chlorooctane -Terphenyl	MS %Recovery		Limits			CI	ient Sá		Prep Prep	Гуре: То) Batch:	tal/N 5780
Matrix: Solid Analysis Batch: 58259 Surrogate I-Chlorooctane D-Terphenyl Lab Sample ID: 890-4913-A-	MS %Recovery		Limits			CI	ient Sa		Prep Prep Prep	Type: To Batch: Dike Dup	tal/N 5780 blicat
Matrix: Solid Analysis Batch: 58259 Surrogate 1-Chlorooctane o-Terphenyl Lab Sample ID: 890-4913-A- Matrix: Solid	MS %Recovery		Limits			CI	ient Sa		Prep Prep Prep 9: Matrix S Prep	Type: To Batch: Dike Dup Type: To	tal/N 5780 blicat tal/N
Matrix: Solid Analysis Batch: 58259 Surrogate 1-Chlorooctane o-Terphenyl Lab Sample ID: 890-4913-A- Matrix: Solid	MS %Recovery		Limits			CI	ient Sa		Prep Prep Prep 9: Matrix S Prep	Type: To Batch: Dike Dup	tal/N 5780 blicat tal/N
Matrix: Solid Analysis Batch: 58259 Surrogate 1-Chlorooctane o-Terphenyl Lab Sample ID: 890-4913-A- Matrix: Solid	MS %Recovery	Qualifier	Limits			CI	ient Sa		Prep Prep Prep 9: Matrix S Prep	Type: To Batch: Dike Dup Type: To	tal/N 5780 blicat tal/N
Matrix: Solid Analysis Batch: 58259 Surrogate 1-Chlorooctane o-Terphenyl Lab Sample ID: 890-4913-A- Matrix: Solid Analysis Batch: 58259	MS <u>%Recovery</u> -1-G MSD	Qualifier .	Limits			CI	ient Sa		Prep Prep Prep 9: Matrix S Prep	Type: To Batch: Dike Dup Type: To	tal/N 5780 blicat tal/N
Matrix: Solid Analysis Batch: 58259 Surrogate 1-Chlorooctane 0-Terphenyl Lab Sample ID: 890-4913-A- Matrix: Solid Analysis Batch: 58259 Surrogate	MS <u>%Recovery</u> -1-G MSD MSD	Qualifier .				CI	ient Sa		Prep Prep Prep 9: Matrix S Prep	Type: To Batch: Dike Dup Type: To	tal/N 5780 blicat tal/N
Matrix: Solid Analysis Batch: 58259 Surrogate (-Chlorooctane - Terphenyl Lab Sample ID: 890-4913-A- Matrix: Solid Analysis Batch: 58259 Surrogate (-Chlorooctane	MS <u>%Recovery</u> -1-G MSD MSD	Qualifier .				CI	ient Sa		Prep Prep Prep 9: Matrix S Prep	Type: To Batch: Dike Dup Type: To	tal/N 5780 blicat tal/N
Matrix: Solid Analysis Batch: 58259 Surrogate I-Chlorooctane D-Terphenyl Lab Sample ID: 890-4913-A- Matrix: Solid Analysis Batch: 58259 Surrogate I-Chlorooctane D-Terphenyl	MS %Recovery -1-G MSD MSD %Recovery	Qualifier				CI	ient Sa		Prep Prep Prep 9: Matrix S Prep	Type: To Batch: Dike Dup Type: To	tal/N 5780 blicat tal/N
Matrix: Solid Analysis Batch: 58259 Surrogate 1-Chlorooctane 5-Terphenyl Lab Sample ID: 890-4913-A- Matrix: Solid Analysis Batch: 58259 Surrogate 1-Chlorooctane 5-Terphenyl ethod: 300.0 - Anions,	MS %Recovery -1-G MSD MSD %Recovery	Qualifier				CI		ample ID	Prep Prep 9: Matrix S Prep Prep	Type: To Batch: Dike Dup Type: To Batch:	tal/N 5780 blicat tal/N 5780
Matrix: Solid Analysis Batch: 58259 Surrogate 1-Chlorooctane o-Terphenyl Lab Sample ID: 890-4913-A- Matrix: Solid Analysis Batch: 58259 Surrogate 1-Chlorooctane o-Terphenyl lethod: 300.0 - Anions, Lab Sample ID: MB 880-573	MS %Recovery -1-G MSD MSD %Recovery	Qualifier				CI		ample ID	Prep Prep 9: Matrix S Prep Prep	Type: To Batch: Dike Dup Type: To Batch: Batch:	tal/N. 5780 blicat tal/N. 5780 Blan
Matrix: Solid Analysis Batch: 58259 Surrogate 1-Chlorooctane o-Terphenyl Lab Sample ID: 890-4913-A- Matrix: Solid Analysis Batch: 58259 Surrogate 1-Chlorooctane o-Terphenyl lethod: 300.0 - Anions, Lab Sample ID: MB 880-573 Matrix: Solid	MS %Recovery -1-G MSD MSD %Recovery	Qualifier				CI		ample ID	Prep Prep 9: Matrix S Prep Prep	Type: To Batch: Dike Dup Type: To Batch:	tal/N. 5780 blicat tal/N. 5780 Blan
Matrix: Solid Analysis Batch: 58259 Surrogate 1-Chlorooctane o-Terphenyl Lab Sample ID: 890-4913-A- Matrix: Solid Analysis Batch: 58259 Surrogate 1-Chlorooctane o-Terphenyl lethod: 300.0 - Anions, Lab Sample ID: MB 880-573 Matrix: Solid	MS %Recovery -1-G MSD MSD %Recovery	Qualifier MSD Qualifier ography				CI		ample ID	Prep Prep 9: Matrix S Prep Prep	Type: To Batch: Dike Dup Type: To Batch: Batch:	tal/N. 5780 blicat tal/N. 5780 Blan
Lab Sample ID: 890-4913-A- Matrix: Solid Analysis Batch: 58259 Surrogate 1-Chlorooctane o-Terphenyl Lab Sample ID: 890-4913-A- Matrix: Solid Analysis Batch: 58259 Surrogate 1-Chlorooctane o-Terphenyl lethod: 300.0 - Anions, Lab Sample ID: MB 880-573 Matrix: Solid Analysis Batch: 57418 Analyte	MS %Recovery -1-G MSD MSD %Recovery Ion Chromat	Qualifier	Limits	RL	Unit	CI		ample ID	Prep Prep 9: Matrix S Prep Prep	Type: To Batch: Dike Dup Type: To Batch: Batch: Method Type: S	tal/NJ 5780 blicat tal/NJ 5780 Blan

Project/Site: Brinninstool Unit 003H

Client: Ensolum

Job ID: 890-4914-1 SDG: 03D2024197

Method: 300.0 - Anions, Ion Chromatography (Continued)

-	-	Spike						%Rec		
0										
					00					
		250	246.5	Qualifier		<u> </u>	99	90 - 110	0	20
					Unit		%Pac	%Rec	חסס	RPC Limi
							•			
65/3-A					Cli	ent Sa	mple ID:	Lab Control S	Sampl	le Dur
		250	246.6		mg/Kg		99	90 - 110		
		Added		Qualifier	Unit	D	%Rec	Limits		
		Spike	LCS	LCS				%Rec		
								Prep Ty	pe: S	olubl
5/2-A						Clie	nt Sample	e ID: Lab Con	trol S	ampl
<	5.00 U		5.00	mg/k	٢g			07/11/23 13:	27	
Re		er	RL	Unit		D	Prepared	Analyzed		Dil Fa
	MB MB									
								Prep Ty	pe: S	olubl
/1 -A							Client S			
67.5		249	325.1		mg/Kg		104	90 - 110	0	2
	Qualifier	Added		Qualifier	Unit	D		Limits	RPD	Lim
Sample	Sample	Spike	MSD	MSD				%Rec		RP
								i top i y		2.001
SD										
01.0		2-13	024.1		mgrivy		100	00-110		
	Qualifier			Qualifier						
	•	Spike Addod			110:4	_	0/ D			
. .	. .	-						a/ -		
-										
								Client Samr	ole ID:	: FS0/
		250	252.9		mg/Kg		101	90 - 110	0	2
		Spike Added			Unit	D	%Rec	%Rec Limits	RPD	RPI Limi
		• "		1.005				% D -		
					51					
17/3-A					Cli	ent Sa	mple ID:	Lab Control S	Sampl	le Du
		250	252.5		mg/Kg		101	90 - 110		
		Added			Unit	D	%Rec	Limits		
		Spike	201	109				%Pec		
	Result 67.5 SD Sample Result 67.5 S/1-A 5/2-A 5/2-A S65/3-A IS Sample	Sample Sample Result Qualifier 67.5 SD Sample Sample Result Qualifier 67.5 MB MB MB MB Result Qualifier 5/2-A 965/3-A	Sample Sample Spike Added 250 Sample Sample Spike Result Qualifier Added 67.5 249 SD Sample Sample Spike Result Qualifier Added 67.5 249 SD Sample Sample Spike Added 250 Solution 5/2-A Spike Added 250 Spike Added 250 Spike Added 250 Spike Added 250 Spike Added 250 Spike Spike Spike Spike Spike Added 250	Added Result 250 252.5 117/3-A Spike LCSD Added Result 250 250 252.9 S Added Result 250 252.9 S Sample Spike MS Result Qualifier Added Result 67.5 249 324.7 SD Sample Spike MSD Result Qualifier Added Result 67.5 249 325.1 SD MB MB Result 67.5 249 325.1 Site Added Result 67.5 249 325.1 Site Added Result 250 5.00 U 5.00 5/2-A	Added Result Qualifier 250 252.5 Qualifier 250 252.5 LCSD LCSD Added Result Qualifier 250 252.9 S Sample Sample Sample Spike MS MS Result Qualifier Added Result Qualifier 67.5 249 324.7 Qualifier 67.5 249 324.7 Qualifier 67.5 249 325.1 Qualifier 7.5 240 Qualifier 7.5 2	Added Result Qualifier Unit 250 252.5 mg/Kg 117/3-A Cil Added Result Qualifier Added Result Qualifier Added Result Qualifier Added Result Qualifier MB Sample Spike MS Result Qualifier Added Result 67.5 249 324.7 Unit mg/Kg MSD MSD MSD SD Sample Spike MSD MSD Result Qualifier Added Result Qualifier 67.5 249 325.1 Qualifier Unit mg/Kg 325.1 Qualifier Unit mg/Kg 67.5 Qualifier Result Qualifier Unit 67.5 Qualifier NB MS MSD MB MB Result Qualifier Unit 67.5 Qualifier Unit Mg/Kg 67.5 Qualifier Qualifier Unit 67.5 Qualifier Qualifier Unit 7 Qualifier Qualifier Qualifier	Added Result Qualifier Unit D 117/3-A Client Sa Spike LCSD LCSD Added Result Qualifier Unit D Added Result Qualifier Unit D Sample Sample Spike MS MS Result Qualifier Added Result Qualifier D 67.5 249 324.7 Unit D SD Sample Sample Spike MSD MSD Result Qualifier Added Result Qualifier D 67.5 249 325.1 Unit D 97.4 Client Sa Sample Sample Sample 97.4 Client Sample Client Sample 97.5 249 325.1 Unit D 97.4 Sample Sample Sample Sample 97.4	Added Result Qualifier Unit D %Rec 101 250 252.5 unit mg/Kg D %Rec 101 101 101 Client Sample ID: Client Sample ID: Sample Sample Spike LCSD LCSD Unit D %Rec Result Qualifier Added Result Qualifier Unit D %Rec 07.5 249 324.7 Qualifier Unit D %Rec 07.5 249 324.7 Qualifier Unit D %Rec 07.5 249 325.1 Qualifier Unit D %Rec 07.5 249 325.1 Qualifier Unit D %Rec 07.5 249 325.1 Qualifier Unit D %Rec 011-A Client Sample Spike Result Qualifier Unit D %Rec 11-A Client Sample 5.00 U 5.00 Unit D %Rec 11-A Client Sample Spike LCS LCS LCS Spike Gualifier Unit D %Rec 12-2-A 250	Added Result Qualifier Unit D %Rec Limits 117/3-A Client Sample ID: Lab Control S Spike Added Result Qualifier Unit D %Rec Limits 250 250 252.9 Unit D %Rec Limits 250 250 252.9 Unit D %Rec Limits 3 Client Sample ID: Lab Control S 250 252.9 Miftiger D %Rec Result Qualifier Unit D %Rec Limits 90.110 3 Client Sample Spike MS MS MS MS 67.5 249 324.7 Unit D %Rec Limits 90 103 90.110 - 104 90.110 - SD Client Sample Spike MSD MSD MSD MSD 7.5 249 325.1 Unit D %Rec Limits 90 104 90.110 - 104 90.110 - 7.1-A Client Sample ID: Lab Control S MB MB MB MB 8 Result Qualifier Unit<	Added Result Qualifier Unit D %Rec Limits 117/3-A Client Sample ID: Lab Control Samp Prep Type: S Added Result Qualifier Unit D %Rec Added Result Qualifier Unit D %Rec 250 252.9 Usaifier Unit D %Rec 250 252.9 252.9 Usaifier Unit D %Rec 350 Client Sample Spike MS MS MS 67.5 Qualifier Added Result Qualifier Unit D %Rec 11.4 Client Sample ID: Method Prep Type: S S S S S 249 325.1 MI Unit D Prepared Analyzed <t< td=""></t<>

Client: Ensolum
Project/Site: Brinninstool Unit 003H

Job ID: 890-4914-1 SDG: 03D2024197

Method: 300.0 - Anions, Ion Chromatography

ab Sample ID: 890-4914-15 atrix: Solid	MSD							(Client Sam Prep	ple ID: S Type: So		
nalysis Batch: 57420	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
nalyte		Qualifier	Added		Qualifier	Unit	<u> </u>	%Rec	Limits	RPD	Limit	
ıloride	102	F1	250	322.5	F1	mg/Kg		88	90 - 110	0	20	
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Client: Ensolum Project/Site: Brinninstool Unit 003H

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GC VOA

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Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batc
MB 880-57308/5-A	Method Blank	Total/NA	Solid	5035	
rep Batch: 57324					
Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batc
MB 880-57324/5-A	Method Blank	Total/NA	Solid	5035	
nalysis Batch: 57379					
Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batc
390-4914-1	FS01	Total/NA	Solid	8021B	5741
390-4914-2	FS02	Total/NA	Solid	8021B	5741
90-4914-3	FS03	Total/NA	Solid	8021B	5741
90-4914-4	FS04	Total/NA	Solid	8021B	5741
90-4914-5	FS05	Total/NA	Solid	8021B	5741
90-4914-6	FS06	Total/NA	Solid	8021B	5741
90-4914-7	FS07	Total/NA	Solid	8021B	574
890-4914-8	FS08	Total/NA	Solid	8021B	574
90-4914-9	FS09	Total/NA	Solid	8021B	574
90-4914-10	FS10	Total/NA	Solid	8021B	574
90-4914-11	SS05A	Total/NA	Solid	8021B	574
90-4914-12	SS06A	Total/NA	Solid	8021B	574
90-4914-13	SS07A	Total/NA	Solid	8021B	574
90-4914-14	SS08A	Total/NA	Solid	8021B	574
/IB 880-57308/5-A	Method Blank	Total/NA	Solid	8021B	5730
IB 880-57410/5-A	Method Blank	Total/NA	Solid	8021B	574
.CS 880-57410/1-A	Lab Control Sample	Total/NA	Solid	8021B	574
CSD 880-57410/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	574
390-4913-A-1-B MS	Matrix Spike	Total/NA	Solid	8021B	5741
890-4913-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	5741

Analysis Batch: 57381

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4914-15	SS09A	Total/NA	Solid	8021B	57416
890-4914-16	SW01	Total/NA	Solid	8021B	57416
890-4914-17	SW02	Total/NA	Solid	8021B	57416
MB 880-57324/5-A	Method Blank	Total/NA	Solid	8021B	57324
MB 880-57416/5-A	Method Blank	Total/NA	Solid	8021B	57416
LCS 880-57416/1-A	Lab Control Sample	Total/NA	Solid	8021B	57416
LCSD 880-57416/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	57416
890-4915-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	57416
890-4915-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	57416

Prep Batch: 57410

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
890-4914-1	FS01	Total/NA	Solid	5035	
890-4914-2	FS02	Total/NA	Solid	5035	
890-4914-3	FS03	Total/NA	Solid	5035	
890-4914-4	FS04	Total/NA	Solid	5035	
890-4914-5	FS05	Total/NA	Solid	5035	
890-4914-6	FS06	Total/NA	Solid	5035	
890-4914-7	FS07	Total/NA	Solid	5035	
890-4914-8	FS08	Total/NA	Solid	5035	

Client: Ensolum Project/Site: Brinninstool Unit 003H

GC VOA (Continued)

Prep Batch: 57410 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4914-9	FS09	Total/NA	Solid	5035	
890-4914-10	FS10	Total/NA	Solid	5035	
890-4914-11	SS05A	Total/NA	Solid	5035	
890-4914-12	SS06A	Total/NA	Solid	5035	
890-4914-13	SS07A	Total/NA	Solid	5035	
890-4914-14	SS08A	Total/NA	Solid	5035	
MB 880-57410/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-57410/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-57410/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-4913-A-1-B MS	Matrix Spike	Total/NA	Solid	5035	
890-4913-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 57416

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch	
890-4914-15	SS09A	Total/NA	Solid	5035		
890-4914-16	SW01	Total/NA	Solid	5035		
890-4914-17	SW02	Total/NA	Solid	5035		
MB 880-57416/5-A	Method Blank	Total/NA	Solid	5035		
LCS 880-57416/1-A	Lab Control Sample	Total/NA	Solid	5035		
LCSD 880-57416/2-A	Lab Control Sample Dup	Total/NA	Solid	5035		
890-4915-A-1-C MS	Matrix Spike	Total/NA	Solid	5035		
890-4915-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035		

Analysis Batch: 57491

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
890-4914-1	FS01	Total/NA	Solid	Total BTEX	
890-4914-2	FS02	Total/NA	Solid	Total BTEX	
890-4914-3	FS03	Total/NA	Solid	Total BTEX	
890-4914-4	FS04	Total/NA	Solid	Total BTEX	
890-4914-5	FS05	Total/NA	Solid	Total BTEX	
890-4914-6	FS06	Total/NA	Solid	Total BTEX	
890-4914-7	FS07	Total/NA	Solid	Total BTEX	
890-4914-8	FS08	Total/NA	Solid	Total BTEX	
890-4914-9	FS09	Total/NA	Solid	Total BTEX	
890-4914-10	FS10	Total/NA	Solid	Total BTEX	
890-4914-11	SS05A	Total/NA	Solid	Total BTEX	
890-4914-12	SS06A	Total/NA	Solid	Total BTEX	
890-4914-13	SS07A	Total/NA	Solid	Total BTEX	
890-4914-14	SS08A	Total/NA	Solid	Total BTEX	
890-4914-15	SS09A	Total/NA	Solid	Total BTEX	
890-4914-16	SW01	Total/NA	Solid	Total BTEX	
890-4914-17	SW02	Total/NA	Solid	Total BTEX	

Analysis Batch: 57560

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-57410/5-A	Method Blank	Total/NA	Solid	8021B	57410
LCS 880-57410/1-A	Lab Control Sample	Total/NA	Solid	8021B	57410
LCSD 880-57410/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	57410
890-4913-A-1-B MS	Matrix Spike	Total/NA	Solid	8021B	57410
890-4913-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	57410

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GC Semi VOA

Prep Batch: 57501

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4914-11	SS05A	Total/NA	Solid	8015NM Prep	
890-4914-12	SS06A	Total/NA	Solid	8015NM Prep	
890-4914-13	SS07A	Total/NA	Solid	8015NM Prep	
890-4914-14	SS08A	Total/NA	Solid	8015NM Prep	
890-4914-15	SS09A	Total/NA	Solid	8015NM Prep	
890-4914-16	SW01	Total/NA	Solid	8015NM Prep	
890-4914-17	SW02	Total/NA	Solid	8015NM Prep	
MB 880-57501/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-57501/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-57501/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-4915-A-1-F MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-4915-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 57664

890-4914-17	SW02	Total/NA	Solid	8015NM Prep		
MB 880-57501/1-A	Method Blank	Total/NA	Solid	8015NM Prep		8
LCS 880-57501/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep		
LCSD 880-57501/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep		9
890-4915-A-1-F MS	Matrix Spike	Total/NA	Solid	8015NM Prep		
890-4915-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep		10
Analysis Batch: 57664						4.4
Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch	
890-4914-11	SS05A	Total/NA	Solid	8015B NM	57501	40
890-4914-12	SS06A	Total/NA	Solid	8015B NM	57501	
890-4914-13	SS07A	Total/NA	Solid	8015B NM	57501	40
890-4914-14	SS08A	Total/NA	Solid	8015B NM	57501	13
890-4914-15	SS09A	Total/NA	Solid	8015B NM	57501	
890-4914-16	SW01	Total/NA	Solid	8015B NM	57501	14
890-4914-17	SW02	Total/NA	Solid	8015B NM	57501	
MB 880-57501/1-A	Method Blank	Total/NA	Solid	8015B NM	57501	
LCS 880-57501/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	57501	
LCSD 880-57501/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	57501	
890-4915-A-1-F MS	Matrix Spike	Total/NA	Solid	8015B NM	57501	
890-4915-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	57501	

Prep Batch: 57801

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
890-4914-1	FS01	Total/NA	Solid	8015NM Prep	
890-4914-2	FS02	Total/NA	Solid	8015NM Prep	
890-4914-3	FS03	Total/NA	Solid	8015NM Prep	
890-4914-4	FS04	Total/NA	Solid	8015NM Prep	
890-4914-5	FS05	Total/NA	Solid	8015NM Prep	
890-4914-6	FS06	Total/NA	Solid	8015NM Prep	
890-4914-7	FS07	Total/NA	Solid	8015NM Prep	
890-4914-8	FS08	Total/NA	Solid	8015NM Prep	
890-4914-9	FS09	Total/NA	Solid	8015NM Prep	
890-4914-10	FS10	Total/NA	Solid	8015NM Prep	
MB 880-57801/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-57801/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-57801/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-4913-A-1-F MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-4913-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 57842

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4914-1	FS01	Total/NA	Solid	8015 NM	
890-4914-2	FS02	Total/NA	Solid	8015 NM	
890-4914-3	FS03	Total/NA	Solid	8015 NM	

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GC Semi VOA (Continued)

Analysis Batch: 57842 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4914-4	FS04	Total/NA	Solid	8015 NM	
890-4914-5	FS05	Total/NA	Solid	8015 NM	
890-4914-6	FS06	Total/NA	Solid	8015 NM	
890-4914-7	FS07	Total/NA	Solid	8015 NM	
890-4914-8	FS08	Total/NA	Solid	8015 NM	
890-4914-9	FS09	Total/NA	Solid	8015 NM	
890-4914-10	FS10	Total/NA	Solid	8015 NM	
890-4914-11	SS05A	Total/NA	Solid	8015 NM	
890-4914-12	SS06A	Total/NA	Solid	8015 NM	
890-4914-13	SS07A	Total/NA	Solid	8015 NM	
890-4914-14	SS08A	Total/NA	Solid	8015 NM	
890-4914-15	SS09A	Total/NA	Solid	8015 NM	
890-4914-16	SW01	Total/NA	Solid	8015 NM	
890-4914-17	SW02	Total/NA	Solid	8015 NM	

Analysis Batch: 58259

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4914-1	FS01	Total/NA	Solid	8015B NM	57801
890-4914-2	FS02	Total/NA	Solid	8015B NM	57801
890-4914-3	FS03	Total/NA	Solid	8015B NM	57801
890-4914-4	FS04	Total/NA	Solid	8015B NM	57801
890-4914-5	FS05	Total/NA	Solid	8015B NM	57801
890-4914-6	FS06	Total/NA	Solid	8015B NM	57801
890-4914-7	FS07	Total/NA	Solid	8015B NM	57801
890-4914-8	FS08	Total/NA	Solid	8015B NM	57801
890-4914-9	FS09	Total/NA	Solid	8015B NM	57801
890-4914-10	FS10	Total/NA	Solid	8015B NM	57801
MB 880-57801/1-A	Method Blank	Total/NA	Solid	8015B NM	57801
LCS 880-57801/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	57801
LCSD 880-57801/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	57801
890-4913-A-1-F MS	Matrix Spike	Total/NA	Solid	8015B NM	57801
890-4913-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	57801

HPLC/IC

Leach Batch: 57317

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
890-4914-1	FS01	Soluble	Solid	DI Leach	
890-4914-2	FS02	Soluble	Solid	DI Leach	
890-4914-3	FS03	Soluble	Solid	DI Leach	
890-4914-4	FS04	Soluble	Solid	DI Leach	
890-4914-5	FS05	Soluble	Solid	DI Leach	
890-4914-6	FS06	Soluble	Solid	DI Leach	
890-4914-7	FS07	Soluble	Solid	DI Leach	
890-4914-8	FS08	Soluble	Solid	DI Leach	
890-4914-9	FS09	Soluble	Solid	DI Leach	
890-4914-10	FS10	Soluble	Solid	DI Leach	
890-4914-11	SS05A	Soluble	Solid	DI Leach	
890-4914-12	SS06A	Soluble	Solid	DI Leach	
890-4914-13	SS07A	Soluble	Solid	DI Leach	
890-4914-14	SS08A	Soluble	Solid	DI Leach	

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HPLC/IC (Continued)

Leach Batch: 57317 (Continued)

Lab Sample ID MB 880-57317/1-A	Client Sample ID Method Blank	Prep Type Soluble	Matrix Solid	DI Leach	Prep Batch
LCS 880-57317/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-57317/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-4914-5 MS	FS05	Soluble	Solid	DI Leach	
890-4914-5 MSD	FS05	Soluble	Solid	DI Leach	

Leach Batch: 57365

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch	8
890-4914-15	SS09A	Soluble	Solid	DI Leach		
890-4914-16	SW01	Soluble	Solid	DI Leach		
890-4914-17	SW02	Soluble	Solid	DI Leach		
MB 880-57365/1-A	Method Blank	Soluble	Solid	DI Leach		
LCS 880-57365/2-A	Lab Control Sample	Soluble	Solid	DI Leach		
LCSD 880-57365/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach		
890-4914-15 MS	SS09A	Soluble	Solid	DI Leach		
890-4914-15 MSD	SS09A	Soluble	Solid	DI Leach		

Analysis Batch: 57418

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
890-4914-1	FS01	Soluble	Solid	300.0	57317
890-4914-2	FS02	Soluble	Solid	300.0	57317
890-4914-3	FS03	Soluble	Solid	300.0	57317
890-4914-4	FS04	Soluble	Solid	300.0	57317
890-4914-5	FS05	Soluble	Solid	300.0	57317
890-4914-6	FS06	Soluble	Solid	300.0	57317
890-4914-7	FS07	Soluble	Solid	300.0	57317
890-4914-8	FS08	Soluble	Solid	300.0	57317
890-4914-9	FS09	Soluble	Solid	300.0	57317
890-4914-10	FS10	Soluble	Solid	300.0	57317
890-4914-11	SS05A	Soluble	Solid	300.0	57317
890-4914-12	SS06A	Soluble	Solid	300.0	57317
890-4914-13	SS07A	Soluble	Solid	300.0	57317
890-4914-14	SS08A	Soluble	Solid	300.0	57317
MB 880-57317/1-A	Method Blank	Soluble	Solid	300.0	57317
LCS 880-57317/2-A	Lab Control Sample	Soluble	Solid	300.0	57317
LCSD 880-57317/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	57317
890-4914-5 MS	FS05	Soluble	Solid	300.0	57317
890-4914-5 MSD	FS05	Soluble	Solid	300.0	57317

Analysis Batch: 57420

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
890-4914-15	SS09A	Soluble	Solid	300.0	57365
890-4914-16	SW01	Soluble	Solid	300.0	57365
890-4914-17	SW02	Soluble	Solid	300.0	57365
MB 880-57365/1-A	Method Blank	Soluble	Solid	300.0	57365
LCS 880-57365/2-A	Lab Control Sample	Soluble	Solid	300.0	57365
LCSD 880-57365/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	57365
890-4914-15 MS	SS09A	Soluble	Solid	300.0	57365
890-4914-15 MSD	SS09A	Soluble	Solid	300.0	57365

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Job ID: 890-4914-1 SDG: 03D2024197

Lab Sample ID: 890-4914-1 Matrix: Solid

Date Collected: 07/07/23 10:25 Date Received: 07/07/23 14:57

Client Sample ID: FS01

Client: Ensolum

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	57410	07/11/23 12:32	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	57379	07/12/23 02:01	SM	EET MID
Total/NA	Analysis	Total BTEX		1			57491	07/12/23 11:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			57842	07/24/23 14:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	57801	07/17/23 09:21	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	58259	07/22/23 17:10	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	57317	07/10/23 13:53	KS	EET MID
Soluble	Analysis	300.0		1			57418	07/11/23 18:29	СН	EET MID

Client Sample ID: FS02

Date Collected: 07/07/23 10:30

Date Received: 07/07/23 14:57

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	57410	07/11/23 12:32	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	57379	07/12/23 02:21	SM	EET MID
Total/NA	Analysis	Total BTEX		1			57491	07/12/23 11:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			57842	07/24/23 14:27	SM	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10 mL	57801	07/17/23 09:21	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	58259	07/22/23 17:32	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	57317	07/10/23 13:53	KS	EET MID
Soluble	Analysis	300.0		1			57418	07/11/23 18:35	СН	EET MID

Client Sample ID: FS03

Date Collected: 07/07/23 10:35 Date Received: 07/07/23 14:57

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	57410	07/11/23 12:32	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	57379	07/12/23 02:41	SM	EET MID
Total/NA	Analysis	Total BTEX		1			57491	07/12/23 11:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			57842	07/24/23 14:27	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	57801	07/17/23 09:21	ткс	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	58259	07/22/23 17:54	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	57317	07/10/23 13:53	KS	EET MID
Soluble	Analysis	300.0		1			57418	07/11/23 18:40	CH	EET MID

Client Sample ID: FS04 Date Collected: 07/07/23 10:40 Date Received: 07/07/23 14:57

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	57410	07/11/23 12:32	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	57379	07/12/23 03:02	SM	EET MID
Total/NA	Analysis	Total BTEX		1			57491	07/12/23 11:12	SM	EET MID

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Lab Sample ID: 890-4914-2

Lab Sample ID: 890-4914-3

Lab Sample ID: 890-4914-4

Matrix: Solid

Matrix: Solid

Matrix: Solid

Project/Site: Brinninstool Unit 003H

Job ID: 890-4914-1 SDG: 03D2024197

Lab Sample ID: 890-4914-4 Matrix: Solid

Lab Sample ID: 890-4914-5

Lab Sample ID: 890-4914-6

Lab Sample ID: 890-4914-7

Matrix: Solid

Matrix: Solid

Matrix: Solid

Date Collected: 07/07/23 10:40 Date Received: 07/07/23 14:57

Client Sample ID: FS04

Client: Ensolum

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Ргер Туре	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			57842	07/24/23 14:27	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	57801	07/17/23 09:21	ТКС	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	58259	07/22/23 18:16	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	57317	07/10/23 13:53	KS	EET MID
Soluble	Analysis	300.0		1			57418	07/11/23 18:45	СН	EET MID

Client Sample ID: FS05 Date Collected: 07/07/23 10:45

Date Received: 07/07/23 14:57

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	57410	07/11/23 12:32	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	57379	07/12/23 05:05	SM	EET MID
Total/NA	Analysis	Total BTEX		1			57491	07/12/23 11:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			57842	07/24/23 14:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	57801	07/17/23 09:21	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	58259	07/22/23 18:49	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	57317	07/10/23 13:53	KS	EET MID
Soluble	Analysis	300.0		1			57418	07/11/23 18:50	СН	EET MID

Client Sample ID: FS06

Date Collected: 07/07/23 10:50 Date Received: 07/07/23 14:57

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	57410	07/11/23 12:32	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	57379	07/12/23 05:25	SM	EET MID
Total/NA	Analysis	Total BTEX		1			57491	07/12/23 11:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			57842	07/24/23 14:27	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	57801	07/17/23 09:21	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	58259	07/22/23 19:11	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	57317	07/10/23 13:53	KS	EET MID
Soluble	Analysis	300.0		1			57418	07/11/23 19:05	CH	EET MID

Client Sample ID: FS07 Date Collected: 07/07/23 10:55

Date Received: 07/07/23 14:57

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	57410	07/11/23 12:32	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	57379	07/12/23 05:46	SM	EET MID
Total/NA	Analysis	Total BTEX		1			57491	07/12/23 11:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			57842	07/24/23 14:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	57801	07/17/23 09:21	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	58259	07/22/23 19:33	SM	EET MID

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Released to Imaging: 3/31/2025 9:28:6193AM

Lab Chronicle

Job ID: 890-4914-1 SDG: 03D2024197

Matrix: Solid

Lab Sample ID: 890-4914-7

Client Sample ID: FS07 Date Collected: 07/07/23 10:55

Project/Site: Brinninstool Unit 003H

Client: Ensolum

Date Received: 07/07/23 14:57

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	57317	07/10/23 13:53	KS	EET MID
Soluble	Analysis	300.0		1			57418	07/11/23 19:10	СН	EET MID

Client Sample ID: FS08

Date Collected: 07/07/23 11:00 Date Received: 07/07/23 14:57

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Ргер Туре	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	57410	07/11/23 12:32	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	57379	07/12/23 06:06	SM	EET MID
Total/NA	Analysis	Total BTEX		1			57491	07/12/23 11:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			57842	07/24/23 14:27	SM	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	57801	07/17/23 09:21	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	58259	07/22/23 19:56	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	57317	07/10/23 13:53	KS	EET MID
Soluble	Analysis	300.0		1			57418	07/11/23 19:26	СН	EET MID

Client Sample ID: FS09 Date Collected: 07/07/23 12:05 Date Received: 07/07/23 14:57

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	57410	07/11/23 12:32	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	57379	07/12/23 06:27	SM	EET MID
Total/NA	Analysis	Total BTEX		1			57491	07/12/23 11:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			57842	07/24/23 14:27	SM	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	57801	07/17/23 09:21	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	58259	07/22/23 20:18	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	57317	07/10/23 13:53	KS	EET MID
Soluble	Analysis	300.0		1			57418	07/11/23 19:31	СН	EET MID

Client Sample ID: FS10 Date Collected: 07/07/23 12:10 Date Received: 07/07/23 14:57

Lab Sample ID: 890-4914-10 Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	57410	07/11/23 12:32	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	57379	07/12/23 06:47	SM	EET MID
Total/NA	Analysis	Total BTEX		1			57491	07/12/23 11:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			57842	07/24/23 14:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	57801	07/17/23 09:21	ткс	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	58259	07/22/23 20:41	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	57317	07/10/23 13:53	KS	EET MID
Soluble	Analysis	300.0		1			57418	07/11/23 19:36	СН	EET MID

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Lab Sample ID: 890-4914-8 Matrix: Solid

9

Lab Sample ID: 890-4914-9 Matrix: Solid

Released to Imaging: 3/31/2025 9:28:5193AM
Project/Site: Brinninstool Unit 003H

Client Sample ID: SS05A

Date Collected: 07/07/23 12:15

Date Received: 07/07/23 14:57

Batch

Туре

Prep

Analysis

Analysis

Analysis

Analysis

Analysis

Leach

Prep

Batch

Method

5035

8021B

Total BTEX

8015NM Prep

8015B NM

DI Leach

300.0

8015 NM

Client: Ensolum

Prep Type

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Soluble

Soluble

Initial

Amount

4.96 g

5 mL

9.99 g

1 uL

4.99 g

Final

Amount

5 mL

5 mL

10 mL

1 uL

50 mL

Batch

57410

57379

57491

57842

57501

57664

57317

57418

Number

Dil

1

1

1

1

1

Factor

Run

Job ID: 890-4914-1 SDG: 03D2024197

Lab Sample ID: 890-4914-11

Analyst

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Lab Sample ID: 890-4914-12

Lab Sample ID: 890-4914-13

Lab Sample ID: 890-4914-14

Matrix: Solid

Lab

EET MID

Matrix: Solid

Matrix: Solid

Client Sample ID: SS06A Date Collected: 07/07/23 12:20

Date Received: 07/07/23 14:57

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	57410	07/11/23 12:32	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	57379	07/12/23 07:28	SM	EET MID
Total/NA	Analysis	Total BTEX		1			57491	07/12/23 11:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			57842	07/17/23 13:24	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	57501	07/12/23 12:11	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	57664	07/14/23 17:41	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	57317	07/10/23 13:53	KS	EET MID
Soluble	Analysis	300.0		1			57418	07/11/23 19:46	СН	EET MID

Client Sample ID: SS07A Date Collected: 07/07/23 12:25

Date Received: 07/07/23 14:57

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Ргер Туре	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	57410	07/11/23 12:32	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	57379	07/12/23 07:49	SM	EET MID
Total/NA	Analysis	Total BTEX		1			57491	07/12/23 11:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			57842	07/17/23 13:24	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	57501	07/12/23 12:11	ткс	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	57664	07/14/23 18:03	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	57317	07/10/23 13:53	KS	EET MID
Soluble	Analysis	300.0		1			57418	07/11/23 19:52	СН	EET MID

Client Sample ID: SS08A Date Collected: 07/07/23 12:30 Date Received: 07/07/23 14:57

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Ргер Туре	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	57410	07/11/23 12:32	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	57379	07/12/23 08:09	SM	EET MID
Total/NA	Analysis	Total BTEX		1			57491	07/12/23 11:12	SM	EET MID

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Prepared

or Analyzed

07/11/23 12:32

07/12/23 07:07

07/12/23 11:12

07/17/23 13:24

07/12/23 12:11

07/14/23 17:19

07/10/23 13:53

07/11/23 19:41

Released to Imaging: 3/31/2025 91286193AMM

Matrix: Solid

Project/Site: Brinninstool Unit 003H

Client Sample ID: SS08A

Date Collected: 07/07/23 12:30

Date Received: 07/07/23 14:57

Client: Ensolum

Soluble

Job ID: 890-4914-1 SDG: 03D2024197

Lab Sample ID: 890-4914-14

Analyst

SM

TKC

SM

KS

СН

Lab Sample ID: 890-4914-15

07/11/23 19:57

57418

Matrix: Solid

Lab

EET MID

EET MID

EET MID

EET MID

EET MID

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared
Ргер Туре	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed
Total/NA	Analysis	8015 NM		1			57842	07/17/23 13:24
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	57501	07/12/23 12:11
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	57664	07/15/23 07:36
Soluble	Leach	DI Leach			5.02 g	50 mL	57317	07/10/23 13:53

Client Sample ID: SS09A Date Collected: 07/07/23 12:35

Analysis

300.0

Date Received: 07/07/23 12:55

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Ргер Туре	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	57416	07/11/23 13:40	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	57381	07/12/23 05:44	SM	EET MID
Total/NA	Analysis	Total BTEX		1			57491	07/12/23 14:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			57842	07/17/23 13:24	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	57501	07/12/23 12:11	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	57664	07/15/23 08:28	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	57365	07/11/23 12:00	KS	EET MID
Soluble	Analysis	300.0		1			57420	07/11/23 13:46	СН	EET MID

1

Client Sample ID: SW01

Date Collected: 07/07/23 12:40 Date Received: 07/07/23 14:57

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	57416	07/11/23 13:40	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	57381	07/12/23 06:04	SM	EET MID
Total/NA	Analysis	Total BTEX		1			57491	07/12/23 14:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			57842	07/17/23 13:24	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	57501	07/12/23 12:11	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	57664	07/15/23 08:50	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	57365	07/11/23 12:00	KS	EET MID
Soluble	Analysis	300.0		1			57420	07/11/23 14:04	CH	EET MID

Client Sample ID: SW02

Date Collected: 07/07/23 12:45 Date Received: 07/07/23 14:57

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Ргер Туре	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	57416	07/11/23 13:40	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	57381	07/12/23 06:25	SM	EET MID
Total/NA	Analysis	Total BTEX		1			57491	07/12/23 14:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			57842	07/17/23 13:24	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	57501	07/12/23 12:11	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	57664	07/15/23 09:11	SM	EET MID

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Matrix: Solid

11 12 13

Lab Sample ID: 890-4914-16

Lab Sample ID: 890-4914-17

Matrix: Solid

Lab Chronicle

Job ID: 890-4914-1 SDG: 03D2024197

Client Sample ID: SW02 Date Collected: 07/07/23 12:45

Project/Site: Brinninstool Unit 003H

Client: Ensolum

	Batch	Batch		Dil	Initial	Final	Batch	Prepared			
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab	5
Soluble	Leach	DI Leach			4.98 g	50 mL	57365	07/11/23 12:00	KS	EET MID	-
Soluble	Analysis	300.0		1			57420	07/11/23 14:10	СН	EET MID	6

Laboratory References:

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

Lab Sample ID: 890-4914-17

Matrix: Solid

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Eurofins Carlsbad

		Accreditation/Co	ertification Summary	
client: Ensolum project/Site: Brinninstoo	ol Unit 003H			Job ID: 890-4914-1 SDG: 03D2024197
aboratory: Eurofi nless otherwise noted, all a		y were covered under each accr	reditation/certification below.	
Authority		Program	Identification Number	Expiration Date
- exas		NELAP	T104704400-23-26	06-30-24
The following analytes a the agency does not off		t, but the laboratory is not certifi	ied by the governing authority. This list ma	ay include analytes for which
Analysis Method	Prep Method	Matrix	Analyte	
8015 NM		Solid	Total TPH	
8015B NM	8015NM Prep	Solid	Total TPH	
Total BTEX		Solid	Total BTEX	

Eurofins Carlsbad

Method Summary

Client: Ensolum Project/Site: Brinninstool Unit 003H Job ID: 890-4914-1 SDG: 03D2024197

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 800.0 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	Method	Method Description	Protocol	Laboratory
8015 NMDiesel Range Organics (DRO) (GC)SW846EET MID8015 NMDiesel Range Organics (DRO) (GC)SW846EET MID8015 NMDiesel Range Organics (DRO) (GC)SW846EET MID800.0Anions, Ion ChromatographyEPAEET MID5035Closed System Purge and TrapSW846EET MID8015 NM PrepMicroextractionSW846EET MIDDI LeachDeionized Water Leaching ProcedureASTMEET MIDProtocol 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 ProcedureSUB And Its Updates.	8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Bit M 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:	Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
300.0 Anions, Ion Chromatography EPA EET MID 5035 Closed System Purge and Trap SW846 EET MID 3015NM Prep Microextraction SW846 EET MID 30115NM Prep Deionized Water Leaching Procedure 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	8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
5035 Closed System Purge and Trap SW846 EET MID 5035 Microextraction SW846 EET MID 5015NM 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:	8015B NM	Diesel Range Organics (DRO) (GC)	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: Laboratory References: Kasta Standard Operating Procedure	300.0	Anions, Ion Chromatography	EPA	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:	5035	Closed System Purge and Trap	SW846	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:	8015NM Prep	Microextraction	SW846	EET MID
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:	DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID
TAL SOP = TestAmerica Laboratories, Standard Operating Procedure Laboratory References:	EPA = US	Environmental Protection Agency		
Laboratory References:	SW846 = "	Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Ed	tion, November 1986 And Its Updates.	
•	TAL SOP =	 TestAmerica Laboratories, Standard Operating Procedure 		
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440				
	EET MID =	Eurofins Midland, 1211 W. Florida Ave, Midland, 1X 79701, TEL (432)704-5440		

Eurofins Carlsbad

Sample Summary

Client: Ensolum Project/Site: Brinninstool Unit 003H

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth	
890-4914-1	FS01	Solid	07/07/23 10:25	07/07/23 14:57	2.5	
890-4914-2	FS02	Solid	07/07/23 10:30	07/07/23 14:57	2.5	
890-4914-3	FS03	Solid	07/07/23 10:35	07/07/23 14:57	2.5	, and the second se
890-4914-4	FS04	Solid	07/07/23 10:40	07/07/23 14:57	2.5	•••••••••••••••••••••••••••••••••••••••
890-4914-5	FS05	Solid	07/07/23 10:45	07/07/23 14:57	2.5	
890-4914-6	FS06	Solid	07/07/23 10:50	07/07/23 14:57	2.5	
890-4914-7	FS07	Solid	07/07/23 10:55	07/07/23 14:57	1	
890-4914-8	FS08	Solid	07/07/23 11:00	07/07/23 14:57	1	
890-4914-9	FS09	Solid	07/07/23 12:05	07/07/23 14:57	1	
890-4914-10	FS10	Solid	07/07/23 12:10	07/07/23 14:57	1	
890-4914-11	SS05A	Solid	07/07/23 12:15	07/07/23 14:57	1	
890-4914-12	SS06A	Solid	07/07/23 12:20	07/07/23 14:57	1	9
890-4914-13	SS07A	Solid	07/07/23 12:25	07/07/23 14:57	1	
890-4914-14	SS08A	Solid	07/07/23 12:30	07/07/23 14:57	1	
890-4914-15	SS09A	Solid	07/07/23 12:35	07/07/23 14:57	1	
890-4914-16	SW01	Solid	07/07/23 12:40	07/07/23 14:57	1	
890-4914-17	SW02	Solid	07/07/23 12:45	07/07/23 14:57	1	
						1.
						1

Job ID: 890-4914-1 SDG: 03D2024197

Received by OCD: 1/7/202532:44:14 PM

🛟 eurofins

13

Employment Teching

7/24/2023

- cure			Enviror Kenco	nment Tes	ting.		EL Pa	so, TX	(915) 5	85-344	3, Lubi	ntonio, T bock, TX bad, NM	X (210) (806) 7	509-33 94-129	6				W	/ork	Orde	er No):		1 7
Project Manager:	Hadlie	Green		-		Bill to: (if										٦					xence		Pag Comme		l of
Company Name:		um, LLC				Compan			Kalei Jennings Ensolum, LLC						Program: UST/PST PRP Brownfields RRC Superfund							Superfund			
Address:		-	, feld St S	uite 400		Address:						St Suite	400			-	State of Project:							_	
		nd, TX 7														Repo	orting: I	Level II	Le	vel III	🗌 PS	T/UST [] TRR		
City, State ZIP:					Email	hgreen(lum cr					com				Deliv	erable	s: EDI			ADaF	т 🗆	Othe	er:
Phone:	432-5	57-8895	>		Email.	Ingreen@	wenso		<u>лп, кр</u>	ernsing	<u>ys(we</u>	nsolun											1		the Order
Project Name:		Brinnins	stool Unit	t 003H		Around		Pres.				11		ANAL	YSIS I	REQ	UEST	1	1	-	1	T			ative Codes
Project Number:		03	D202419	97	Routine	Rush		Code			-										-		None: N		DI Water: H ₂
Project Location:		32.297	33,-103.	58598	Due Date:												1						Cool: C		MeOH: Me
Sampler's Name:		Peter	r Van Pa	tten	TAT starts th																		HCL: H H ₂ S0 ₄ :		HNO ₃ : HN NaOH: Na
PO #:	1			2	the lab, if red			sua			1												H ₃ PO ₄ :		NaOH. Na
SAMPLE RECE			Blank:	Yes No	Wet ice:	Yes	No	me	0.0)		100			IN AND IN A						NaHSC		as			
Samples Received		Yes		Thermometer		in		ara	(EPA: 300.0)										1			Na2S2C	-		
Cooler Custody Sea		Yes N Yes N		Correction Fa		2	<u>5</u> 9		EP								t Hit	11.61							aOH: Zn
Sample Custody Se Total Containers:	als.	res N	IN IN A	Corrected Te		3.	a		DES (2	121)			1010						11			NaOH+	Ascort	bic Acid: SAPC
otal containers.					Time		Grab/	# of	N N	(801	X (80			890-	4914 (Chain	ofCu	ustody							
Sample Ide	ntificatio	on	Matrix	Date Sampled	Sampled	Depth	Comp			TPH (8015)	BTEX (8021)				1					1	1	Sample			Comments
FS	01		Soil	7/7/2023	1025	2.5	Comp	1	x	x	x											-			
FS	02		Soil	7/7/2023	1030	2.5	Comp	1	x	x	x														
FS	03		Soil	7/7/2023	1035	2.5	Comp	1	x	x	x												· ·		
FS	04		Soil	7/7/2023	1040	2.5	Comp	1	x	x	x							-							
FS	05		Soil	7/7/2023	1045	2.5	Comp	1	x	x	X														
FS	06		Soil	7/7/2023	1050	2.5	Comp	1	×	x	x							-							
FS	07		Soil	7/7/2023	1055	1	Comp	1	x	x	x							-		_		-			
FS	38		Soil	7/7/2023	1100	1	Comp	1	x	×	X							-		-					
FS	09		Soil	7/7/2023	1205	1	Comp	1	x	x	x					_								_	
FS	10		Soil	7/7/2023	1210	1	Comp	1	x	x	X										1				
Total 200.7 / 6 Circle Method(s) a	and Met		be analy	zed	RCRA 13P TCLP/S	PLP 601	10: 8R	CRA	Sb A	As Ba	Be	Cd Cr	Co C	u Pb	Mn M	No N	li Se	Ag	TIU	_	Hg:	1631	a Sr Tl /245.1/		
lotice: Signature of this if service. Eurofins Xer if Eurofins Xenco. A m	and will be	Roble ash	for the co	of of complete and	tehall not accur	ma any reer	oneihilit	v for an	V losee	s or exn	enses i	ncurred I	ov the cli	ent if su	uch losse	es are	due to	circums	stances	peyona	the con	troi			
Relinquished b	y: (Sign	ature)	TC) Received	d by: (Signa	ture)			Date	/Time		Re	linquis	shed b	oy: (Sig	natu	ire)		Rec	eived	by: (S	ignat	ure)		Date/Time
Hall Rt	E		tt	Jep G	10			1.	7.2	3	140	\$7													
					40							4												3	

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300

Received by OCD: 1/7/202532:44:14 PM

1 0

Environment Testing

Xenco

Chain of Custody

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

Work Order No: ____

		1.00		6 m										_						www	xenco	.com	Page		2
Project Manager:	Hadli	e Green	_			Bill to: (if	differen)	Kalei	Jennir	ngs						Work Order Comments								
Company Name:	Enso	lum, LLC				Compan	y Name	:	Enso	um, Ll	LC						Program: UST/PST PRP Brownfields RRC Superfund								
Address:	601 N	Marienfe	d St S	uite 400		Address	:		601 N Marienfeld St Suite 400					1 1	State of Project:										
City, State ZIP:	Midla	nd, TX 79	701			City, Sta	te ZIP:		Midla	nd, TX	7970										Level IV				
Phone:	1	57-8895			Email:	hgreen		lum.co	om, kj	enning	qs@e	nsolun	n.com				Deliverables: EDD ADaPT Other:								
Project Name:	1	Brinninst		t 003H	Turr	Around								ANAL	YSIS F	REQI	JEST						Pre	servat	ive Codes
Project Number:			202419		Routine	Rush		Pres. Code				1		T	T								None: NC)	DI Water: H ₂ C
Project Location:		32.2973			Due Date:			Code															Cool: Coo	a	MeOH: Me
Sampler's Name:			Van Pa		TAT starts th	e dav rece	ived by																HCL: HC		HNO3: HN
PO #:					the lab, if red																		H2S04: H2		NaOH: Na
SAMPLE RECE	PT	Temp B	lank:	Yes No	Wet Ice:	Yes	No	letei	6														H₃PO₄: H	Р	
Samples Received I	ntact:		No	Thermometer	· ID·			ram	300.0)								2.5						NaHSO ₄ :		
Cooler Custody Sea	s:	Yes No	NA	Correction Fa	ictor:			Pa	(EPA:														Na ₂ S ₂ O ₃ :		
Sample Custody Sea	als:	Yes No	N/A	Temperature	Reading:				S (E		=												Zn Acetat		
Total Containers:				Corrected	mpehature:		_		E E	015)	015) 8021												NaOH+A:	scorbic	Acid: SAPC
Sample Ider	ntificat	ion	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	CHLORIDES	TPH (8015)	BTEX (8021)												Sar	nple C	Comments
SSO	5A		Soil	7/7/2023	1215	1	Comp	1	х	x	×														
SSO	6A		Soil	7/7/2023	1220	1	Comp	1	x	x	x														
SSO	7A		Soil	7/7/2023	1225	1	Comp	1	x	×	x								_						
SSO	BA		Soil	7/7/2023	1230	1	Comp	1	x	x	x														
SSO	A		Soil	7/7/2023	1235	1	Comp	1	x	x	X														
SWO	01		Soil	7/7/2023	1240	1	Comp	1	×	x	x					_									
SWO)2		Soil	7/7/2023	1245	1	Comp	1	x	×	X	-													
							10	7.4	E			-	-												
					THE	FU	fin 1	40	1 m	-															
											1	1													
Total 200.7 / 60 Circle Method(s) a	nd Me		e analy	zed	RCRA 13P TCLP / S	PLP 60	10: 8R	CRA	Sb A	As Ba	Ве	Cd Cr	Co C	u Pb	Mn M	10 N	i Se	Ag T	U		Hg: 1	1631	a Sr TI S /245.1/7		
Notice: Signature of this of service. Eurofins Xen of Eurofins Xenco. A mir	d lliw or	a liable only f	or the cou	at of examples and	i chail not accu	ne any res	nonsibilit	v for an	v losses	or exo	enses i	ncurred	ov the clie	ent if su	ich losse	s are o	iue to c	ircumst	ances t	beyond	the cont	rol			
Relinquished by			6		d by: (Signa					/Time		-	linquis			_	_				by: (Si		ure)		Date/Time
FrhVmTa	the			ue (s	40			7.	10	13	14	57													
3					V							4													
5												6													

Job Number: 890-4914-1 SDG Number: 03D2024197

List Source: Eurofins Carlsbad

Login Sample Receipt Checklist

Client: Ensolum

Login Number: 4914 List Number: 1 Creator: Clifton, Cloe

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	

14

Job Number: 890-4914-1 SDG Number: 03D2024197

List Source: Eurofins Midland

List Creation: 07/11/23 11:07 AM

Login Sample Receipt Checklist

Client: Ensolum

Login Number: 4914 List Number: 2 Creator: Rodriguez, Leticia

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	N/A	

Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").



APPENDIX D

NMOCD Notifications

Released to Imaging: 3/31/2025 91286193AM

[**EXTERNAL EMAIL**]

Hadlie,

The OCD has received your notification. Include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

JH

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



From: Hadlie Green <<u>hgreen@ensolum.com</u>>
Sent: Thursday, June 29, 2023 8:15 AM
To: Enviro, OCD, EMNRD <<u>OCD.Enviro@emnrd.nm.gov</u>>
Cc: Kalei Jennings <<u>kjennings@ensolum.com</u>>; Peter Van Patten <<u>pvanpatten@ensolum.com</u>>;
Subject: [EXTERNAL] COP - Sampling Notification (Week of 7/3/2023)

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

All,

ConocoPhillips Company (COP) plans to complete sampling activities at the following site the week of July 3, 2023.

- Red Raider BKS Battery / NAPP2315734307
 - o Sampling Date: 7/6/2023 @ 10:00 AM MST
- Brinninstool Unit 3H / NAPP2315635182
 - o Sampling Date: 7/7/2023 @ 10:00 AM MST

Thank you,



Hadlie Green Project Geologist 432-557-8895 hgreen@ensolum.com Ensolum, LLC



APPENDIX E

Final C-141

District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised August 24, 2018

Page 122 of 160

Revised August 24, 2018 Submit to appropriate OCD District office

Incident ID	NAPP2315635182
District RP	
Facility ID	fAPP2203246737
Application ID	

Release Notification

Responsible Party

Responsible Party	COG Operating, LLC	OGRID	217817		
Contact Name	Jacob Laird	Contact Telephone	(575) 703-5482		
Contact email	Jacob.Laird@ConocoPhillips.com	Incident # (assigned by OCD)	NAPP2315635182		
Contact mailing address	600 West Illinois Avenue, Midland, Texas 79701				

Location of Release Source

Latitude ___32.2973

Longitude -103.5859

(NAD 83 in decimal degrees to 5 decimal places)

Site Name		Brinninstool	Unit 003H	Site Type	Flowline	
Date Release Discovered May 29, 2023					API# (if applicable)	
Linit Lattar	Section	Township	Danga		County	

Unit Letter	Section	Township	Range	County
А	20	23S	33E	Lea

Surface Owner: State Federal Tribal Private (Name: Hughes Properties

Nature and Volume of Release

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

Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
Produced Water	Volume Released (bbls) 2.3059	Volume Recovered (bbls) 0
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	Yes No
Condensate	Volume Released (bbls)	Volume Recovered (bbls)
Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

The release was caused by transfer line damage.

The release was off the pad.

Evaluation will be made of the site to determine if we may commence remediation immediately or delineate any possible impact from the release and we will present a remediation work plan to the NMOCD for approval prior to any significant remediation activities.

Page	2
1 ugo	-

Oil Conservation Division

Incident ID	NAPP2315635182
District RP	
Facility ID	fAPP2203246737
Application ID	

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

Initial Response

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

The source of the release has been stopped.

The impacted area has been secured to protect human health and the environment.

Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.

All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

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

Printed Name Brittany N. Esparza	Title: Environmental Technician
Signature:	Date: $\frac{6/5/2023}{(100)}$
email:Brittany.Esparza@ConocoPhillips.com	Telephone: (432) 221-0398
OCD Only	
Received by: Jocelyn Harimon	Date:06/05/2023

C. Received by OCD: 1/7 into a series of rectangles	/2025312: Length (ft.)	44:14 PM Width (ft.)	Average Depth (in.)	On/Off Pad (dropdown)	Soil Spilled-Fluid Saturation (%.)	Estimated volume of each area (bbl.)	Total Estimated Volume of Spill (bbl.)
Rectangle A	60.0	30.0	0.4	Off-Pad ∽	15.02%	10.01	1.50
Rectangle B	60.0	30.0	0.2	Off-Pad ∽	15.02%	5.34	0.80
Rectangle C				~		0.00	
Rectangle D				~	[0.00	0
Rectangle E				~		0.00	
Rectangle F	2			~	5	0.00	10
Rectangle G				~		0.00	
Rectangle H	3 S		3	~	2 	0.00	
Rectangle I		i i i		~		0.00	
Doctonalo I Released to Imaginos	2/21/2025	0122510	24344	~		0.00	a strategiese and
— Released to Imaging:	3/31/2023	2120019	YAANIT	\$\$\$\$\$	Total S	ubsurface Volume Released:	2.3059

Total Estimated Contaminated Soil, uncompacted, 25% (yd ³ .)	NAP Page 124 of 160 Curre. Page 124 of 160 RMR Handover Volume, (yd ³ .)
2.60	
1.39	
0.00	
0.00	
0.00	750
0.00	150
0.00	
0.00	
0.00	
0.00	
3.99	BU

District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3470 Fax: (505) 476-3462

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

CONDITIONS

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	223771
	Action Type:
	[C-141] Release Corrective Action (C-141)
CONDITIONS	

Created By Condition Condition Date 6/5/2023 jharimon None

CONDITIONS

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Action 223771

Received by OCD: 1/7/2025 12:44:14 PM State of New Mexico

Oil Conservation Division

	Page 126 of 160
Incident ID	NAPP2315635182
District RP	
Facility ID	fAPP2203246737
Application ID	

Site Assessment/Characterization

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

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

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

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

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- Field data
- Data table of soil contaminant concentration data
- \square Depth to water determination
- Determination of water sources and significant watercourses within ¹/₂-mile of the lateral extents of the release
- \boxtimes Boring or excavation logs
- Photographs including date and GIS information
- Topographic/Aerial maps
- Laboratory data including chain of custody

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

•

Page 3

Received by OCD: 1/7/2	02532:44:14 PM State of New Mexico			Page 127 of 160
			Incident ID	NAPP2315635182
Page 4	Oil Conservation Divis	ion	District RP	
			Facility ID	fAPP2203246737
			Application ID	
regulations all operators a public health or the enviro failed to adequately inves addition, OCD acceptance and/or regulations. Printed Name:Jacob Signature: <i>Jacob</i> email:Jacob.Laird@	nformation given above is true and complete t are required to report and/or file certain releas onment. The acceptance of a C-141 report by stigate and remediate contamination that pose e of a C-141 report does not relieve the opera o Laird	the ocd does not relieve the a threat to groundwater, surfactor of responsibility for complexity	rrective actions for rele operator of liability sho ce water, human health iance with any other feo Engineer	eases which may endanger ould their operations have or the environment. In deral, state, or local laws
OCD Only				
Received by:		Date:		

Page 6

Oil Conservation Division

Incident ID	NAPP2315635182
District RP	
Facility ID	fAPP2203246737
Application ID	

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Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: Each of the following items must be included in the closure report.
A scaled site and sampling diagram as described in 19.15.29.11 NMAC
Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
Description of remediation activities
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete. Printed Name:Jacob Laird Title: _Environmental Engineer Signature: <i>Jacob Laird</i> Date:9/14/2023 email:Jacob.Laird@conocophillips.com Telephone:575-703-5482
OCD Only
Received by: Date:
Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.
Closure Approved by: Nelson Velez Date:D1/12/2024
Printed Name: Nelson Velez Title:Environmental Specialist - Adv

District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	266282
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Release did not require notification per 19.15.29.10 NMAC (<= 5 bbls). Should accept for the record; however, documentation submitted met the applicable closure standards; therefore, the remediation closure report is approved. Release resolved.	1/12/2024

Action 266282



APPENDIX B

Photographic Log





APPENDIX C

Laboratory Analytical Reports & Chain of Custody Documentation

Received by OCD: 1/7/2025 12:44:14 PM



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Hadlie Green Ensolum 601 N. Marienfeld St. Suite 400 Midland, Texas 79701 Generated 11/20/2024 2:53:52 PM

JOB DESCRIPTION

Brinninstool Unit 3H Lea County, NM

JOB NUMBER

880-51210-1

Eurofins Midland 1211 W. Florida Ave Midland TX 79701

See page two for job notes and contact information

Eurofins Midland

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

AMER

Generated 11/20/2024 2:53:52 PM

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

Eurofins Midland is a laboratory within Eurofins Environment Testing South Central, LLC, a company within Eurofins Environment Testing Group of Companies

Laboratory Job ID: 880-51210-1 SDG: Lea County, NM

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2

Definitions/Glossary

Client: Ensolum	
Project/Site: Brinninstool Unit 3H	

Job ID: 880-51210-1 SDG: Lea County, NM

Qualifiers		3
GC VOA		
Qualifier	Qualifier Description	
U	Indicates the analyte was analyzed for but not detected.	
GC Semi VOA		5
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.	8
Glossary		9
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	12
DL	Detection Limit (DoD/DOE)	13
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	

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Not Calculated

Negative / Absent

Positive / Present Practical Quantitation Limit

Presumptive

Quality Control

Relative Error Ratio (Radiochemistry)

Toxicity Equivalent Factor (Dioxin)

Too Numerous To Count

Toxicity Equivalent Quotient (Dioxin)

Reporting Limit or Requested Limit (Radiochemistry)

Relative Percent Difference, a measure of the relative difference between two points

Not Detected at the reporting limit (or MDL or EDL if shown)

NC

ND

NEG

POS

PQL

PRES QC

RER

RL RPD

TEF

TEQ

TNTC

Case Narrative

Job ID: 880-51210-1

Client: Ensolum Project: Brinninstool Unit 3H

Job ID: 880-51210-1

Eurofins Midland

Job Narrative 880-51210-1

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

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

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

Receipt

The samples were received on 11/18/2024 4:05 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.2°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: CS-1 (Caliche backfill) (880-51210-1) and CS-2 (Topsoil backfill) (880-51210-2).

GC VOA

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

Diesel Range Organics

Method 8015MOD NM: The surrogate recovery for the blank associated with preparation batch 880-96013 and analytical batch 880-96065 was outside the upper control limits.

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

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-96074 and analytical batch 880-96095 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.

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

Job ID: 880-51210-1 SDG: Lea County, NM

Client Sample ID: CS-1 (Caliche backfill) Date Collected: 11/18/24 11:35

Date Received: 11/18/24 16:05

Project/Site: Brinninstool Unit 3H

Sample Depth: 0.25

Client: Ensolum

Method: SW846 8021B - Volat Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201		0.00201	0mt mg/Kg		11/19/24 08:56	11/19/24 18:18	
Toluene	<0.00201	-	0.00201	mg/Kg		11/19/24 08:56	11/19/24 18:18	
Ethylbenzene	0.00349	0	0.00201	mg/Kg		11/19/24 08:56	11/19/24 18:18	
n-Xylene & p-Xylene	<0.00349		0.00201	mg/Kg		11/19/24 08:56	11/19/24 18:18	
		0	0.00201			11/19/24 08:56	11/19/24 18:18	
o-Xylene	0.0648			mg/Kg				
Xylenes, Total	0.0648		0.00402	mg/Kg		11/19/24 08:56	11/19/24 18:18	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	119		70 - 130			11/19/24 08:56	11/19/24 18:18	
1,4-Difluorobenzene (Surr)	97		70 - 130			11/19/24 08:56	11/19/24 18:18	
Method: TAL SOP Total BTEX	- Total BTEX Cal	culation						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	0.0683		0.00402	mg/Kg			11/19/24 18:18	
Method: SW846 8015 NM - Die	esel Range Organ	ics (DRO) (GC)					
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			11/19/24 17:04	
Method: SW846 8015B NM - D)iesel Range Orga	nics (DRO)	(60)					
Analyte	•••	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics	<49.8		49.8	mg/Kg		11/18/24 15:17	11/19/24 17:04	
(GRO)-C6-C10				5.5				
Diesel Range Organics (Over	<49.8	U	49.8	mg/Kg		11/18/24 15:17	11/19/24 17:04	
C10-C28)								
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		11/18/24 15:17	11/19/24 17:04	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fa
1-Chlorooctane	89		70 - 130			11/18/24 15:17	11/19/24 17:04	
o-Terphenyl	71		70 - 130			11/18/24 15:17	11/19/24 17:04	-
Method: EPA 300.0 - Anions, I	lon Chromatograg	hy - Solubl	e					
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	117		9.98	mg/Kg			11/19/24 20:58	1
lient Sample ID: CS-2 (To	opsoil backfill)					Lab Sam	ple ID: 880-5	1210-2
ate Collected: 11/18/24 11:37	,							x: Solid
ate Received: 11/18/24 16:05								
Sample Depth: 0.25								
Method: SW846 8021B - Volat	ile Organic Comp	ounds (GC))					
		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte	< 0.00202	U	0.00202	mg/Kg		11/19/24 08:56	11/19/24 18:39	
	<0.00202			mg/Kg		11/19/24 08:56	11/19/24 18:39	
Benzene	<0.00202	U	0.00202					
Benzene Toluene			0.00202 0.00202	mg/Kg		11/19/24 08:56	11/19/24 18:39	
Benzene Toluene Ethylbenzene	<0.00202	U					11/19/24 18:39 11/19/24 18:39	
Analyte Benzene Toluene Ethylbenzene m-Xylene & p-Xylene o-Xylene	<0.00202 <0.00202	U U	0.00202	mg/Kg		11/19/24 08:56		

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Lab Sample ID: 880-51210-1 Matrix: Solid 5

Released to Imaging: 3/31/2025 9:23:19 AM

Surrogate

Dil Fac

1

Matrix: Solid

Client Sample Results

Client: Ensolum Project/Site: Brinninstool Unit 3H

Job ID: 880-51210-1 SDG: Lea County, NM

Lab Sample ID: 880-51210-2

Client Sample ID: CS-2 (Topsoil backfill) Date Collected: 11/18/24 11:37

Date Received: 11/18/24 16:05 Sample Depth: 0.25

Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	95		70 - 130			11/19/24 08:56	11/19/24 18:39	1
Method: TAL SOP Total BTEX - 1	Total BTEX Calo	culation						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404	mg/Kg			11/19/24 18:39	1
Method: SW846 8015 NM - Diese	el Range Organ	ics (DRO) (GC)					
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			11/19/24 17:20	1
Method: SW846 8015B NM - Dies	sel Range Orga	nics (DRO)	(GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9	mg/Kg		11/18/24 15:17	11/19/24 17:20	1
(GRO)-C6-C10								
Diesel Range Organics (Over	<49.9	U	49.9	mg/Kg		11/18/24 15:17	11/19/24 17:20	1
C10-C28) Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		11/18/24 15:17	11/19/24 17:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane		Quanner	70 - 130			11/18/24 15:17	11/19/24 17:20	1
o-Terphenyl	80		70 - 130			11/18/24 15:17	11/19/24 17:20	1
Method: EPA 300.0 - Anions, Ion	Chromatogram	hy - Solubl	٥					
MCG10G. LI A 300.0 - A110113, 101	Sinomatograp	ny - oolabi	•					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac

5

Project/Site: Brinninstool Unit 3H

Job ID: 880-51210-1 SDG: Lea County, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Client: Ensolum

_				Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1		
Lab Sample ID	Client Sample ID	(70-130)	(70-130)		5
880-51210-1	CS-1 (Caliche backfill)	119	97		
880-51210-2	CS-2 (Topsoil backfill)	116	95		6
LCS 880-96057/1-A	Lab Control Sample	102	95		
LCSD 880-96057/2-A	Lab Control Sample Dup	105	101		
MB 880-96057/5-A	Method Blank	111	90		
Surrogate Legend					8

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

				Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)		
880-51210-1	CS-1 (Caliche backfill)	89	71		
880-51210-2	CS-2 (Topsoil backfill)	102	80		
LCS 880-96013/2-A	Lab Control Sample	93	85		1
LCSD 880-96013/3-A	Lab Control Sample Dup	93	84		
MB 880-96013/1-A	Method Blank	166 S1+	132 S1+		

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Prep Type: Total/NA

Prep Type: Total/NA

QC Sample Results

0.00400

0.00200

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-96057/5-A Matrix: Solid Analysis Batch: 96051				
	MB	MB		
Analyte	Result	Qualifier	RL	Unit
Benzene	<0.00200	U	0.00200	mg/Kg
Toluene	<0.00200	U	0.00200	mg/Kg
Ethylbenzene	<0.00200	U	0.00200	mg/Kg

<0.00400 U

<0.00200 U

Xylenes, Total	<0.00400	<0.00400 U		
	МВ	МВ		
Surrogate	%Recovery	Qualifier	Limits	
4-Bromofluorobenzene (Surr)	111		70 - 130	
1,4-Difluorobenzene (Surr)	90		70 - 130	

Lab Sample ID: LCS 880-96057/1-A Matrix: Solid

Analysis Batch: 96051

m-Xylene & p-Xylene

o-Xylene

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.1185		mg/Kg		119	70 - 130	
Toluene	0.100	0.1133		mg/Kg		113	70 - 130	
Ethylbenzene	0.100	0.1111		mg/Kg		111	70 - 130	
m-Xylene & p-Xylene	0.200	0.2266		mg/Kg		113	70 - 130	
o-Xylene	0.100	0.1217		mg/Kg		122	70 - 130	

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: LCSD 880-96057/2-A

Matrix: Solid

Analysis Batch: 96051							Prep	Batch:	96057
	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.1220		mg/Kg		122	70 - 130	3	35
Toluene	0.100	0.1141		mg/Kg		114	70 - 130	1	35
Ethylbenzene	0.100	0.1211		mg/Kg		121	70 - 130	9	35
m-Xylene & p-Xylene	0.200	0.2336		mg/Kg		117	70 - 130	3	35
o-Xylene	0.100	0.1201		mg/Kg		120	70 - 130	1	35

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

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Dil Fac

1

1

1

1

1

1

1

1

Dil Fac

Analyzed

11/19/24 11:26

11/19/24 11:26

11/19/24 11:26

11/19/24 11:26

11/19/24 11:26

11/19/24 11:26

Analyzed

11/19/24 11:26

11/19/24 11:26

Client Sample ID: Lab Control Sample

Client Sample ID: Lab Control Sample Dup

D

mg/Kg

mg/Kg

mg/Kg

Prepared

11/19/24 08:56

11/19/24 08:56

11/19/24 08:56

11/19/24 08:56

11/19/24 08:56

11/19/24 08:56

Prepared

11/19/24 08:56

11/19/24 08:56

Prep Type: Total/NA

Prep Type: Total/NA

Prep Batch: 96057

Eurofins	Midland
Euronns	williand

QC Sample Results

Client: Ensolum Project/Site: Brinninstool Unit 3H

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

Matrix: Solid	/ 1-A								ample ID: Met		
									Prep Type		
Analysis Batch: 96065		IB MB							Prep Ba	tch:	96013
Analyte	Res			RL	Unit		D	Prepared	Applyzod		Dil Fa
Gasoline Range Organics				50.0		~		11/18/24 15:17	Analyzed 11/19/24 07:1		DIIFa
GRO)-C6-C10	-30	.0 0		50.0	mg/K	9		11/10/24 13.17	11/19/24 07.1	1	
Diesel Range Organics (Over	<50	.0 U	5	50.0	mg/K	q		11/18/24 15:17	11/19/24 07:1	1	
C10-C28)					0	5					
Dil Range Organics (Over C28-C36)	<50	.0 U	5	50.0	mg/K	g		11/18/24 15:17	11/19/24 07:1	1	
		IB MB									
	%Recove		r Limits	_				Prepared	Analyzed		Dil Fa
Surrogate Chlorooctane		$\frac{\mathbf{Q}}{\mathbf{S}} = \frac{\mathbf{Q}}{\mathbf{S}}$	70 - 13				-	11/18/24 15:17	11/19/24 07:1		DIIFa
p-Terphenyl		32 S1+	70 - 13					11/18/24 15:17	11/19/24 07:1		
- reipileilyi	1	52 317	70 - 73	30				11/10/24 15.17	11/19/24 07.1	1	
Lab Sample ID: LCS 880-96013	3/2-A						Cli	ent Sample	ID: Lab Conti	rol Sa	amol
Matrix: Solid								ont oumpro	Prep Type		
Analysis Batch: 96065									Prep Ba		
			Spike	LCS	LCS				%Rec		
Analyte			Added	Result	Qualifier	Unit		D %Rec	Limits		
Basoline Range Organics			1000	987.4		mg/Kg			70 - 130		
GRO)-C6-C10						5 5					
Diesel Range Organics (Over			1000	790.7		mg/Kg		79	70 - 130		
C10-C28)											
	1.05.1	20									
Surrogate	LCS L %Recovery Q		l imits								
	%Recovery Q	CS ualifier	Limits								
-Chlorooctane	%Recovery 93		70 - 130								
-Chlorooctane	%Recovery Q										
I-Chlorooctane D-Terphenyl	%Recovery 93 93 85		70 - 130			Cli	ent S	Sample ID: L	ab Control Sa	ample	e Du
I-Chlorooctane o-Terphenyl Lab Sample ID: LCSD 880-960	%Recovery 93 93 85		70 - 130			Cli	ent S	Sample ID: L	ab Control Sa Prep Type		
I-Chlorooctane Terphenyl Lab Sample ID: LCSD 880-960 Matrix: Solid	%Recovery 93 93 85		70 - 130			Cli	ent S	Sample ID: L	ab Control Sa Prep Type Prep Ba	e: Tot	tal/N
I-Chlorooctane Terphenyl Lab Sample ID: LCSD 880-960 Matrix: Solid	%Recovery 93 93 85		70 - 130	LCSD	LCSD	Cli	ent S	Sample ID: L	Prep Type	e: Tot	tal/N 9601
-Chlorooctane -Terphenyl Lab Sample ID: LCSD 880-960 Matrix: Solid Analysis Batch: 96065	%Recovery 93 93 85		70 - 130 70 - 130		LCSD Qualifier	Cli	ent S	Sample ID: L	Prep Type Prep Ba %Rec	e: Tot	tal/N 9601 RP
-Chlorooctane -Terphenyl Lab Sample ID: LCSD 880-960 Matrix: Solid Analysis Batch: 96065	%Recovery 93 93 85		70 - 130 70 - 130 Spike				ent S	-	Prep Type Prep Ba %Rec	e: Tot tch: 9	tal/N 9601 RP Lim
I-Chlorooctane D-Terphenyl Lab Sample ID: LCSD 880-960 Matrix: Solid Analysis Batch: 96065 Analyte Basoline Range Organics	%Recovery 93 93 85		70 - 130 70 - 130 Spike Added	Result		Unit	ent S	D %Rec	Prep Type Prep Ba %Rec Limits	e: Tot tch: RPD	tal/N 9601 RP Lim
I-Chlorooctane o-Terphenyl Lab Sample ID: LCSD 880-960 Matrix: Solid Analysis Batch: 96065 Analyte Gasoline Range Organics GRO)-C6-C10	%Recovery 93 93 85		70 - 130 70 - 130 Spike Added	Result		Unit	ent S	D %Rec	Prep Type Prep Ba %Rec Limits	e: Tot tch: RPD	tal/N 9601 RP Lim
I-Chlorooctane D-Terphenyl Lab Sample ID: LCSD 880-960 Matrix: Solid Analysis Batch: 96065 Analyte Basoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over	%Recovery 93 93 85		70 - 130 70 - 130 Spike Added 1000	Result 988.8		Unit mg/Kg	ent S	D %Rec 99	Prep Type Prep Ba %Rec Limits 70 - 130	e: Tot tch: RPD 0	tal/N 9601 RP Lim
I-Chlorooctane D-Terphenyl Lab Sample ID: LCSD 880-960 Matrix: Solid Analysis Batch: 96065 Analyte Gasoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over	<u>%Recovery</u> 93 93 13/3-A	ualifier	70 - 130 70 - 130 Spike Added 1000	Result 988.8		Unit mg/Kg	ent S	D %Rec 99	Prep Type Prep Ba %Rec Limits 70 - 130	e: Tot tch: RPD 0	tal/N 9601 RP Lim
I-Chlorooctane b-Terphenyl Lab Sample ID: LCSD 880-960 Matrix: Solid Analysis Batch: 96065 Analyte Basoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<u>%Recovery</u> 93 93 13/3-A 	ualifier	70 - 130 70 - 130 Spike Added 1000	Result 988.8		Unit mg/Kg	ent S	D %Rec 99	Prep Type Prep Ba %Rec Limits 70 - 130	e: Tot tch: RPD 0	tal/N 9601 RP Lim
I-Chlorooctane p-Terphenyl Lab Sample ID: LCSD 880-960 Matrix: Solid Analysis Batch: 96065 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate	<u>%Recovery</u> 93 93 13/3-A 	ualifier	70 - 130 70 - 130 Spike Added 1000	Result 988.8		Unit mg/Kg	ent S	D %Rec 99	Prep Type Prep Ba %Rec Limits 70 - 130	e: Tot tch: RPD 0	tal/N 9601 RP Lim
I-Chlorooctane D-Terphenyl Lab Sample ID: LCSD 880-960 Matrix: Solid Analysis Batch: 96065 Analyte Basoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate I-Chlorooctane	%Recovery Q 93 85 13/3-A	ualifier	70 - 130 70 - 130 Spike Added 1000 1000 <u>Limits</u> 70 - 130	Result 988.8		Unit mg/Kg	ent S	D %Rec 99	Prep Type Prep Ba %Rec Limits 70 - 130	e: Tot tch: RPD 0	tal/N 9601 RP Lim 2
-Chlorooctane -Terphenyl Lab Sample ID: LCSD 880-960 Matrix: Solid Analysis Batch: 96065 Analyte Basoline Range Organics GRO)-C6-C10 biesel Range Organics (Over C10-C28) Surrogate -Chlorooctane	<u>%Recovery</u> 93 93 13/3-A 	ualifier	70 - 130 70 - 130 Spike Added 1000 1000	Result 988.8		Unit mg/Kg	ent \$	D %Rec 99	Prep Type Prep Ba %Rec Limits 70 - 130	e: Tot tch: RPD 0	tal/N 9601 RF Lin
-Chlorooctane -Terphenyl Lab Sample ID: LCSD 880-960 Matrix: Solid Analysis Batch: 96065 Analyte Basoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate -Chlorooctane D-Terphenyl	%Recovery Q 93 85 13/3-A -	ualifier	70 - 130 70 - 130 Spike Added 1000 1000 <u>Limits</u> 70 - 130	Result 988.8		Unit mg/Kg	ent \$	D %Rec 99	Prep Type Prep Ba %Rec Limits 70 - 130	e: Tot tch: RPD 0	tal/N 9601 RF Lin
I-Chlorooctane p-Terphenyl Lab Sample ID: LCSD 880-9607 Matrix: Solid Analysis Batch: 96065 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate I-Chlorooctane p-Terphenyl lethod: 300.0 - Anions, Iou	%Recovery Q 93 85 13/3-A	ualifier	70 - 130 70 - 130 Spike Added 1000 1000 <u>Limits</u> 70 - 130	Result 988.8		Unit mg/Kg	ent \$	<u>D</u> <u>%Rec</u> 99 – 78	Prep Type Prep Ba %Rec Limits 1 70 - 130 70 - 130	e: Tot tch: 9 0 1	tal/N 9601 RF Linr 2
I-Chlorooctane -Terphenyl Lab Sample ID: LCSD 880-9607 Matrix: Solid Analysis Batch: 96065 Analyte Basoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate I-Chlorooctane -Terphenyl ethod: 300.0 - Anions, Iou Lab Sample ID: MB 880-96074/	%Recovery Q 93 85 13/3-A	ualifier	70 - 130 70 - 130 Spike Added 1000 1000 <u>Limits</u> 70 - 130	Result 988.8		Unit mg/Kg	ent \$	<u>D</u> <u>%Rec</u> 99 – 78	Prep Type Prep Ba %Rec Limits 1 70 - 130 70 - 130	e: Tot tch: : RPD 0 1	tal/N 9601 RP Lim 2 2
I-Chlorooctane -Terphenyl Lab Sample ID: LCSD 880-960 Matrix: Solid Analysis Batch: 96065 Analyte Basoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate I-Chlorooctane D-Terphenyl ethod: 300.0 - Anions, Ioi Lab Sample ID: MB 880-96074/ Matrix: Solid	%Recovery Q 93 85 13/3-A	ualifier	70 - 130 70 - 130 Spike Added 1000 1000 <u>Limits</u> 70 - 130	Result 988.8		Unit mg/Kg	ent \$	<u>D</u> <u>%Rec</u> 99 – 78	Prep Type Prep Ba %Rec Limits 1 70 - 130 70 - 130	e: Tot tch: : RPD 0 1	tal/N 9601 RP Lim 2 2
I-Chlorooctane -Terphenyl Lab Sample ID: LCSD 880-960 Matrix: Solid Analysis Batch: 96065 Analyte Basoline Range Organics GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate I-Chlorooctane D-Terphenyl ethod: 300.0 - Anions, Ioi Lab Sample ID: MB 880-96074/ Matrix: Solid	%Recovery Q 93 85 13/3-A	ualifier	70 - 130 70 - 130 Spike Added 1000 1000 <u>Limits</u> 70 - 130	Result 988.8		Unit mg/Kg	ent \$	<u>D</u> <u>%Rec</u> 99 – 78	Prep Type Prep Ba %Rec Limits 1 70 - 130 70 - 130	e: Tot tch: : RPD 0 1	tal/N. 9601 RP Lim 2 2
Surrogate 1-Chlorooctane p-Terphenyl Lab Sample ID: LCSD 880-960' Matrix: Solid Analysis Batch: 96065 Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Surrogate 1-Chlorooctane p-Terphenyl lethod: 300.0 - Anions, Ioi Lab Sample ID: MB 880-96074/ Matrix: Solid Analyte	%Recovery Q 93 85 13/3-A	ualifier CSD ualifier	70 - 130 70 - 130 70 - 130 Spike Added 1000 1000 1000 <u>Limits</u> 70 - 130 70 - 130	Result 988.8		Unit mg/Kg	ent \$	<u>D</u> <u>%Rec</u> 99 – 78	Prep Type Prep Ba %Rec Limits 1 70 - 130 70 - 130	e: Tot tch: : RPD 0 1	tal/NJ 9601 RPI 2 2 2 8 Blan

5

6 7 8

QC Sample Results

Client: Ensolum Project/Site: Brinninstool Unit 3H Job ID: 880-51210-1 SDG: Lea County, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-96074/2-A Matrix: Solid Analysis Batch: 96095					Client	t Sample	ID: Lab Co Prep	ontrol Sa Type: S	
Analysis Baton. soose	Spike	LCS	LCS				%Rec		
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Chloride	250	256.0		mg/Kg		102	90 - 110		
Lab Sample ID: LCSD 880-96074/3-A Matrix: Solid				Clie	nt Sam	ple ID:	Lab Contro Pren	ol Sampl Type: S	
Analysis Batch: 96095							Пер	Type. O	orubic
· ·····, ··· · ···· · · · · · · · · · ·	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	250	255.7		mg/Kg		102	90 _ 110	0	20

Client Sample ID

Method Blank

CS-1 (Caliche backfill)

CS-2 (Topsoil backfill)

Lab Control Sample

Client Sample ID

Method Blank

CS-1 (Caliche backfill)

CS-2 (Topsoil backfill)

Lab Control Sample

Lab Control Sample Dup

Lab Control Sample Dup

QC Association Summary

Client: Ensolum Project/Site: Brinninstool Unit 3H

GC VOA

Lab Sample ID

880-51210-1

880-51210-2

880-51210-1

880-51210-2

MB 880-96057/5-A

LCS 880-96057/1-A

LCSD 880-96057/2-A

MB 880-96057/5-A

LCS 880-96057/1-A

LCSD 880-96057/2-A

Prep Batch: 96057

Analysis Batch: 96051

n Summar	У			
	-	Job ID): 880-51210-1	
		SDG: Le	ea County, NM	
Ргер Туре	Matrix	Method	Prep Batch	
Total/NA	Solid	8021B	96057	5
Total/NA	Solid	8021B	96057	
Total/NA	Solid	8021B	96057	
Total/NA	Solid	8021B	96057	
Total/NA	Solid	8021B	96057	
Ргер Туре	Matrix	Method	Prep Batch	8
Total/NA	Solid	5035		
Total/NA	Solid	5035		9
Total/NA	Solid	5035		
Total/NA	Solid	5035		
Total/NA	Solid	5035		
Pron Tuno	Motvix	Mothod	Bron Botob	
Prep Type Total/NA	Matrix Solid	Method Total BTEX	Prep Batch	
Total/NA	Solid	Total BTEX		1
				1
Prep Type	Matrix	Method	Prep Batch	
Total/NA	Solid	8015NM Prep	·	
Total/NA	Solid	8015NM Prep		
Total/NA	Solid	8015NM Prep		
Total/NA	Solid	8015NM Prep		
Total/NA	Solid	8015NM Prep		
Prep Туре	Matrix	Method	Prep Batch	
Total/NA	Solid	8015B NM	96013	
Total/NA	Solid	8015B NM	96013	

Analysis Batch: 96196

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
880-51210-1	CS-1 (Caliche backfill)	Total/NA	Solid	Total BTEX	
880-51210-2	CS-2 (Topsoil backfill)	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 96013

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51210-1	CS-1 (Caliche backfill)	Total/NA	Solid	8015NM Prep	
880-51210-2	CS-2 (Topsoil backfill)	Total/NA	Solid	8015NM Prep	
MB 880-96013/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-96013/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-96013/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 96065

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-51210-1	CS-1 (Caliche backfill)	Total/NA	Solid	8015B NM	96013
880-51210-2	CS-2 (Topsoil backfill)	Total/NA	Solid	8015B NM	96013
MB 880-96013/1-A	Method Blank	Total/NA	Solid	8015B NM	96013
LCS 880-96013/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	96013
LCSD 880-96013/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	96013

Analysis Batch: 96177

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
880-51210-1	CS-1 (Caliche backfill)	Total/NA	Solid	8015 NM	
880-51210-2	CS-2 (Topsoil backfill)	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 96074

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method Prep	Batch
880-51210-1	CS-1 (Caliche backfill)	Soluble	Solid	DI Leach	
880-51210-2	CS-2 (Topsoil backfill)	Soluble	Solid	DI Leach	
MB 880-96074/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-96074/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-96074/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
Client: Ensolum Project/Site: Brinninstool Unit 3H

Job ID: 880-51210-1 SDG: Lea County, NM

HPLC/IC

Analysis Batch: 96095

nalysis Batch: 96095	i				
_ab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-51210-1	CS-1 (Caliche backfill)	Soluble	Solid	300.0	96074
380-51210-2	CS-2 (Topsoil backfill)	Soluble	Solid	300.0	96074
/IB 880-96074/1-A	Method Blank	Soluble	Solid	300.0	96074
CS 880-96074/2-A	Lab Control Sample	Soluble	Solid	300.0	96074
CSD 880-96074/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	96074

Eurofins Midland

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Dilution

Factor

1

1

1

1

1

Run

Batch

96057

96051

96196 SM

96177 SM

96013 EL

96074 SA

96065

96095 CH

Number Analyst

MNR

MNR

TKC

Lab

EET MID

Prep Type

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Soluble

Soluble

Client Sample ID: CS-1 (Caliche backfill) Date Collected: 11/18/24 11:35 Date Received: 11/18/24 16:05

Batch

5035

8021B

Total BTEX

8015NM Prep

8015B NM

DI Leach

300.0

8015 NM

Method

Batch

Туре

Prep

Analysis

Analysis

Analysis

Analysis

Leach

Prep

Job ID: 880-51210-1 SDG: Lea County, NM

Lab Sample ID: 880-51210-1 Matrix: Solid

Prepared

or Analyzed

11/19/24 08:56

11/19/24 18:18

11/19/24 18:18

11/19/24 17:04

11/18/24 15:17

11/19/24 17:04

11/19/24 09:43

11/19/24 20:58

L	_ab	Sample	ID:	880-51210-2
				Matrix, Solid

Matrix: Solid

Client Sample ID: CS-2 (Topsoil backfill) Date Collected: 11/18/24 11:37

Analysis

Date Received: 11/18/24 16:05

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5035			96057	MNR	EET MID	11/19/24 08:56
Total/NA	Analysis	8021B		1	96051	MNR	EET MID	11/19/24 18:39
Total/NA	Analysis	Total BTEX		1	96196	SM	EET MID	11/19/24 18:39
Total/NA	Analysis	8015 NM		1	96177	SM	EET MID	11/19/24 17:20
Total/NA	Prep	8015NM Prep			96013	EL	EET MID	11/18/24 15:17
Total/NA	Analysis	8015B NM		1	96065	ТКС	EET MID	11/19/24 17:20
Soluble	Leach	DI Leach			96074	SA	EET MID	11/19/24 09:43
Soluble	Analysis	300.0		1	96095	CH	EET MID	11/19/24 21:06

Laboratory References:

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

Eurofins Midland

Accreditation/Certification Summary

Client: Ensolum Project/Site: Brinninstool Unit 3H

Laboratory: Eurofins Midland

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

uthority	Progra	m	Identification Number	Expiration Date
exas	NELAF	NELAP		06-30-25
for which the agency d	oes not offer certification.		ied by the governing authority. This lis	t may include analytes
• ,		t the laboratory is not certif	ied by the governing authority. This lis	t may include analytes
for which the agency d	oes not offer certification.			t may include analytes

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Job ID: 880-51210-1 SDG: Lea County, NM

Eurofins Midland

Method Summary

Client: Ensolum Project/Site: Brinninstool Unit 3H Job ID: 880-51210-1 SDG: Lea County, NM

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

Eurofins Midland

Released to Imaging: 3/31/2025 9:23:19 AM

Job ID: 880-51210-1 SDG: Lea County, NM

Client: Ensolum Project/Site: Brinninstool Unit 3H

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth	
880-51210-1	CS-1 (Caliche backfill)	Solid	11/18/24 11:35	11/18/24 16:05	0.25	4
880-51210-2	CS-2 (Topsoil backfill)	Solid	11/18/24 11:37	11/18/24 16:05	0.25	
						5
						8
						9
						1
						1:
						1:

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Hobbs, NM (575)	194-1290 / 194-1290 / 194-1290 / 14 / 1940 / 194-1290 / 194-1290 / 194-1290 / 1940 / 1940 / 1940 / 1940 / 1940 /	www.xenco.com Page 1 c	of 1
Project Manager: 0302 02 4197 (HOLie Green) Bill to: if differenti	Hadle Gren	omments	
Fristhin, LLC Company Name:	Enseption, LLC	Program: UST/PST Brownfields RRC	Superfund
601 N Marienfield Address:			
79701 City, State ZIP:		Reporting: Level II Level III PST/UST TRRP	
895 Email: hgreen ens	am Com	Deliverables: EDD ADaPT Other:	
Umt 3H Tum Around	ANALYSIS REQUEST	Preservative	e Codes
120202497 21M			DI Water: H ₂ O
ris Name: Udeh A2			MeOH: Me HNO 3: HN
1	80	N 2204:172 H3P04:142	PN CLOPN
	-	NaHSO 4: NABIS	
-~~	80 275 210	Na 25 ₃ O ₃ : NaSO ₃ Zn Acetate-NaOH: Zn	t: Zn
Corrected Temperature: 3.2	8	NaOH+Ascorbic Acid: SAPC	cid: SAPC
Depth Grab/ # of Comp Cont	HQT HQT	Sample Comments	mments
4 1135 0:25 C 1	× × ×		
-2 (Topson'l backful) 5 41 18/24 1137 0:25 C 1	×××		
Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 AI Sb A Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 : 8RCRA Sb	Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K CRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U	Mn Mo Ni K Se Ag SiO ₂ Na Sr Tl Sn U V Zn e Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471	
Motce: Signature of thyrdocument and relinquistment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affliates and subcontractors. It assigns standard terms and conditions of sepfice. Burdins Xenco, will be lable only for the cost of samples and shall not assume any tespensability for any losses or expenses incurred by the client if such losses are due to chrumstances beyond the control of sepfice. A finiting charge of \$55 to valit 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 of supervisions and the total sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated	s Xenco, Its affiliates and subcontractors. It assigns standard term s incurred by the client If such hosses are due to circumstances bey offirs Xenco, but not analyzed. These terms will be enforced unless	a and conditions ond the control previously negodiated.	
Received by: (Signature)	Date/Time Relinquished by: (Signature)	Received by: (Signature)	Date/Time
The state	< 024 / (005 2 4		
2	2		

Login Sample Receipt Checklist

Client: Ensolum

Login Number: 51210 List Number: 1 Creator: Vasquez, Julisa

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	N/A	

Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").

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Job Number: 880-51210-1

SDG Number: Lea County, NM

List Source: Eurofins Midland

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

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Vaaa	157	O.t	160
Page	1.34	01	100
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QUESTIONS

Action 417949

QUESTIONS				
Operator:	OGRID:			
COG OPERATING LLC	229137			
600 W Illinois Ave	Action Number:			
Midland, TX 79701	417949			
	Action Type:			
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)			

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2315635182
Incident Name	NAPP2315635182 BRINNINSTOOL UNIT 003H @ 30-025-41371
Incident Type	Produced Water Release
Incident Status	Reclamation Report Received
Incident Well	[30-025-41371] BRINNINSTOOL UNIT #003H
Incident Facility	[fAPP2203246737] BRINNINSTOOL UNIT 3H BATTERY

Location of Release Source

Please answer all the questions in this group.				
Site Name	BRINNINSTOOL UNIT 003H			
Date Release Discovered	05/29/2023			
Surface Owner	Private			

Incident Details

Please answer all the questions in this group.	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	Νο

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Cause: Other (Specify) Released: 0 (Unknown Released Amount) Recovered: 0 Lost: 0
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 417949

QUESTIONS (continued)		
Operator:	OGRID:	
COG OPERATING LLC	229137	
600 W Illinois Ave	Action Number:	
Midland, TX 79701	417949	
	Action Type:	
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)	

QUESTIONS

Nature and Volume of Release (continued)		
Is this a gas only submission (i.e. only significant Mcf values reported)	More info needed to determine if this will be treated as a "gas only" report.	
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Unavailable.	
Reasons why this would be considered a submission for a notification of a major release	Unavailable.	
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.		

Initial Response		
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.		
The source of the release has been stopped	True	
The impacted area has been secured to protect human health and the environment	True	
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True	
All free liquids and recoverable materials have been removed and managed appropriately	True	
If all the actions described above have not been undertaken, explain why	NA	
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: Brittany Esparza Title: Environmental Technician Email: brittany.Esparza@ConocoPhillips.com Date: 01/07/2025	

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Operator

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COG OPERATING LLC

Any other fresh water well or spring

Incorporated municipal boundaries or a defined municipal fresh water well field

Did the release impact areas not on an exploration, development, production, or

Categorize the risk of this well / site being in a karst geology

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

QUESTIONS (continued)

OGRID:

229137

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QUESTIONS, Page 3

Action 417949

600 W Illinois Ave Midland, TX 79701	Action Number: 417949	
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)	
QUESTIONS		
Site Characterization		
	I and beyond). This information must be provided to the appropriate district office no later than 90 days after the	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)	
What method was used to determine the depth to ground water	NM OSE iWaters Database Search	
Did this release impact groundwater or surface water	No	
What is the minimum distance, between the closest lateral extents of the release a	nd the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)	
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)	
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)	
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)	

Between 1 and 5 (mi.)

Between 1 and 5 (mi.)

Greater than 5 (mi.)

Greater than 5 (mi.)

Greater than 5 (mi.)

Greater than 5 (mi.)

None

No

Remediation Plan

storage site

A wetland

A subsurface mine

A 100-year floodplain

An (non-karst) unstable area

Please answer all the questions the	nat apply or are indicated. This information must be provided to	the appropriate district office no later than 90 days after the release discovery date.
Requesting a remediation	plan approval with this submission	Yes
Attach a comprehensive report de	monstrating the lateral and vertical extents of soil contamination	n associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.
Have the lateral and vertica	I extents of contamination been fully delineated	Yes
Was this release entirely co	ontained within a lined containment area	No
Soil Contamination Sampling	: (Provide the highest observable value for each, in mi	illigrams per kilograms.)
Chloride	(EPA 300.0 or SM4500 CI B)	3890
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	262
GRO+DRO	(EPA SW-846 Method 8015M)	155
BTEX	(EPA SW-846 Method 8021B or 8260B)	0
Benzene	(EPA SW-846 Method 8021B or 8260B)	0
	IMAC unless the site characterization report includes completed elines for beginning and completing the remediation.	d efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,
On what estimated date wi	II the remediation commence	06/21/2023
On what date will (or did) the	ne final sampling or liner inspection occur	07/07/2023
On what date will (or was)	the remediation complete(d)	07/07/2023
What is the estimated surfa	ace area (in square feet) that will be reclaimed	1405
What is the estimated volu	me (in cubic yards) that will be reclaimed	120
What is the estimated surfa	ace area (in square feet) that will be remediated	1405
What is the estimated volu	me (in cubic yards) that will be remediated	120
		e time of submission and may (be) change(d) over time as more remediation efforts are completed.
The OOD second and the taxes are	d an an a distinct and a second second based to be an indicated by a diverte of in-	

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

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Operator:	OGRID:	
COG OPERATING LLC	229137	
600 W Illinois Ave Midland. TX 79701	Action Number: 417949	
	Action Type:	
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)	
UESTIONS		
Remediation Plan (continued)		
Please answer all the questions that apply or are indicated. This information must be provided to the		
his 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	BRINNINSTOOL UNIT 3H BATTERY [fAPP2203246737]	
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)	Νο	
(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.	
er Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed ef	forts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMA	

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: Brittany Esparza Title: Environmental Technician Email: brittany.Esparza@ConocoPhillips.com Date: 01/07/2025

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

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Action 417949

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QUESTIONS, Page 5

Action 417949

QUESTIONS (continued)		
Operator: COG OPERATING LLC	OGRID: 229137	
600 W Illinois Ave Midland, TX 79701	Action Number: 417949	
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)	

QUESTIONS

Deferral Requests Only		
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.		
Requesting a deferral of the remediation closure due date with the approval of this submission	Νο	

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QUESTIONS, Page 6

Action 417949

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QUESTIONS (continued)		
Operator:	OGRID:	
COG OPERATING LLC	229137	
600 W Illinois Ave	Action Number:	
Midland, TX 79701	417949	
	Action Type:	
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)	

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	417964
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	07/07/2023
What was the (estimated) number of samples that were to be gathered	5
What was the sampling surface area in square feet	3

Remediation Closure Request

nly answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.		
Requesting a remediation closure approval with this submission	Yes	
Have the lateral and vertical extents of contamination been fully delineated	Yes	
Was this release entirely contained within a lined containment area	No	
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes	
What was the total surface area (in square feet) remediated	1405	
What was the total volume (cubic yards) remediated	120	
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes	
What was the total surface area (in square feet) reclaimed	1405	
What was the total volume (in cubic yards) reclaimed	120	
Summarize any additional remediation activities not included by answers (above)	excavation of impacted and waste-containing soil	
	closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of	
to report and/or file certain release notifications and perform corrective actions for releas the OCD does not relieve the operator of liability should their operations have failed to a water, human health or the environment. In addition, OCD acceptance of a C-141 repor	knowledge and understand that pursuant to OCD rules and regulations all operators are required ises which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or ially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed ng notification to the OCD when reclamation and re-vegetation are complete.	
I have been seen a sime off to the scheme of the scheme of	Name: Brittany Esparza Title: Environmental Technician	

Date. 01/07/2025	Thereby agree and sign on to the above statement	Title: Environmental Technician Email: brittany.Esparza@ConocoPhillips.com Date: 01/07/2025
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QUESTIONS, Page 7

Action 417949

QUESTIONS (continued)		
Operator:	OGRID:	
COG OPERATING LLC	229137	
600 W Illinois Ave	Action Number:	
Midland, TX 79701	417949	
	Action Type:	
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)	

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	1405
What was the total volume of replacement material (in cubic yards) for this site	120
	four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 over must include a top layer, which is either the background thickness of topsoil or one foot of suitable material
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseeding commence(d)	10/23/2024
Summarize any additional reclamation activities not included by answers (above)	Reseeded entire release and excavation area to promote vegetation growth
	t field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13
to report and/or file certain release notifications and perform corrective actions for release the OCD does not relieve the operator of liability should their operations have failed to water, human health or the environment. In addition, OCD acceptance of a C-141 report	knowledge and understand that pursuant to OCD rules and regulations all operators are required ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface rt does not relieve the operator of responsibility for compliance with any other federal, state, or ially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed ing notification to the OCD when reclamation and re-vegetation are complete.
I hereby agree and sign off to the above statement	Name: Brittany Esparza Title: Environmental Technician Email: brittany.Esparza@ConocoPhillips.com Date: 01/07/2025

General Information Phone: (505) 629-6116

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

QUESTIONS (continued)

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	417949
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Revegetation Report

Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied

Requesting a restoration complete approval with this submission

No Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete

QUESTIONS, Page 8

Action 417949

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CONDITIONS

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

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orvation Division	

CONDITIONS

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	417949
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

Created By	Condition	Condition Date
jburdine	The reclamation report has been approved pursuant to 19.15.29.13 E. NMAC. The acceptance of this 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; or if the location fails to revegetate properly. In addition, the OCD approval does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.	3/31/2025