ENSOLUM

January 12, 2026

New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Closure Request
Randy Federal Water Booster Transfer Station
Incident Number nAPP2519554321
Eddy County, New Mexico

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of Hilcorp Energy Company (Hilcorp), has prepared this *Closure Request* to document assessment and soil sampling activities performed at the Randy Federal Water Booster Transfer Station (Site). The purpose of the Site assessment and soil sampling activities was to assess for the presence or absence of impacts to soil resulting from a release of produced water at the Site. Based on field observations and laboratory analytical results from the soil sampling events, Hilcorp is requesting no further action for the remediation of Incident Number nAPP2519554321.

SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in Unit H, Section 22, Township 17 South, Range 30 East, in Eddy County, New Mexico (32.82279°, -103.952124°) and is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (BLM).

On July 13, 2025, a flowline malfunctioned resulting in the release of approximately 40 barrels (bbls) into the nearby lined containment and surrounding pad surface. Upon discovery, the line was immediately repaired, and a vacuum truck was immediately dispatched to the Site to recover free-standing fluids. Approximately 38 bbls of released fluids were recovered. Hilcorp reported the release to the New Mexico Oil Conservation Division (NMOCD) via *Notification of Release* (NOR) on July 14, 2025, and subsequently submitted an *Initial C-141 Application* (C-141) on July 30, 2025. The release was assigned Incident Number nAPP2519554321.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

The Site was characterized to assess the 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 below and potential site receptors are identified on Figure 1.

Depth to groundwater at the Site is greater than 100 feet below ground surface (bgs) based on a recent soil boring drilled for determination of depth to groundwater. On November 12, 2025, a soil boring (BH01), permitted by the New Mexico Office of the State Engineer (NMOSE) as RA-13652, was drilled approximately 0.1 miles to the southwest of the Site. The soil boring was drilled to a depth of 110 feet bgs. A field geologist logged and described soils continuously. No moisture or groundwater was

encountered during drilling activities. The borehole was left open for over 72 hours to allow for the potential slow infill of groundwater. After the 72-hour waiting period without observing groundwater, it was confirmed groundwater was greater than 110 feet bgs. There are no hydrological features near the Site that would indicate shallow groundwater. The referenced well records are included in Appendix A.

The closest continuously flowing or significant water course to the Site is a seasonal dry wash, located approximately 1,852 feet northwest 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, church, or 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).

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

ASSESSMENT SOIL SAMPLING ACTIVITIES

On July 16, 2025, Ensolum personnel conducted Site assessment and delineation activities to evaluate the release extent based on visual observations and information included in the NOR and C-141. Ten assessment soil samples (SS01 through SS10) were collected within the release extent from a depth of 0.5 feet bgs to assess the vertical extent of the release. On December 12, 2025, Ensolum returned to the Site to complete additional delineation activities. Twelve delineation soil samples, DS01 through DS12, were collected from a depth of 0.5 feet bgs around the release extent to assess the lateral extent of the release. 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 release extent and soil sample locations were mapped utilizing a handheld Global Positioning System (GPS) unit and are depicted on Figure 2. The extent of the release measured approximately 10,798 square feet. Photographic documentation was conducted during the Site visit and is included in 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 Laboratory (Eurofins) in Carlsbad, New Mexico, for analysis of the following contaminants of concern (COC): 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 SS10, collected within the release extent, indicated that all COC concentrations were compliant with the Site Closure Criteria. Laboratory analytical results for delineation soil samples DS01 through DS12, collected around the release extent, indicated that all COC concentrations were in compliance with strictest Closure Criteria,

successfully confirming the lateral extent of the release. A summary of analytical results is summarized in Table 1, with complete laboratory reports attached in Appendix C.

CONFIRMATION SOIL SAMPLING ACTIVITIES

On December 2, 2025, a sampling frequency variance request was submitted via email to the NMOCD for a sampling frequency of 400 square feet. The variance was approved by the NMOCD on December 4, 2025, provided that sidewall sampling is conducted every 200 square feet. NMOCD correspondence is included in Appendix D.

On December 12, 2025, Ensolum personnel returned to the site to collect twenty-seven confirmation soil samples within the release extent (CS01 through CS27) from a depth of 0.5 feet bgs at the approved 400 square foot sampling frequency. The 5-point composite soil samples were collected by placing five equivalent aliquots of soil into a resealable plastic bag and homogenizing the samples by thoroughly mixing. The confirmation soil samples were collected, handled, and analyzed following the same procedures as described above. Soil sample locations are depicted on Figure 3.

Laboratory analytical results for confirmation soil samples CS01 through CS10 and CS12 through CS27, indicated that all COC concentrations were compliant with the Site Closure Criteria. Laboratory analytical results for confirmation soil sample CS11, collected at 0.5 feet bgs, indicated TPH concentrations exceeded the Site Closure Criteria and warranted additional excavation.

On January 8, 2026, excavation activities were completed to a depth of 0.75 feet bgs in a 400 square foot area in the vicinity of CS11. Additional soil was removed in this area and resampled as CS11A. Laboratory analytical results for the confirmation soil sample CS11A indicated that all COC concentrations were compliant with the Site Closure Criteria. Laboratory analytical results are summarized in Table 1, and the complete laboratory analytical reports are included as Appendix C. The excavation extent and soil sample locations are depicted on Figure 3. The release extent measured approximately 10,798 square feet in areal size. A total of approximately 12 cubic yards of impacted soil was removed, transported, and properly disposed of at Sundance Services Facility in Eunice, New Mexico.

LINED CONTAINMENT INSPECTION ACTIVITIES

A 48-hour advanced notice of the liner inspection was submitted to the NMOCD on December 16, 2025. The lined containment was cleaned of all debris and power washed and a liner integrity inspection was conducted by Ensolum personnel on December 29, 2025. The lined containment was inspected, and it was determined that the liner was operating as designed. Upon inspection, no rips, tears, holes, or damage was observed. The liner was determined to be operating as designed. Photographic documentation of the inspection is included in Appendix B.

CLOSURE REQUEST

Site assessment, soil sampling, and excavation activities were conducted at the Site to assess for the presence or absence of impacts to soil following a release of produced water on July 13, 2025. Laboratory analytical results for final confirmation soil sampling activities collected within and around the release extent indicated that all COC concentrations were compliant with the Site Closure Criteria. In addition, the release has been laterally defined to the most stringent standard. Based on laboratory analytical results, no further remediation is required at this time. Excavation of impacted soil has mitigated impacts at this Site, and these remedial actions have been protective of human health, the

environment, and groundwater. As such, Hilcorp respectfully requests closure Incident Number nAPP2519554321.

If you have any questions or comments, please contact Ms. Kalei Jennings at (817) 683-2503 or kjennings@ensolum.com.

Sincerely,
Ensolum, LLC

Kara Naegeli
Staff Geologist

Kalei Jennings
Senior Managing Scientist

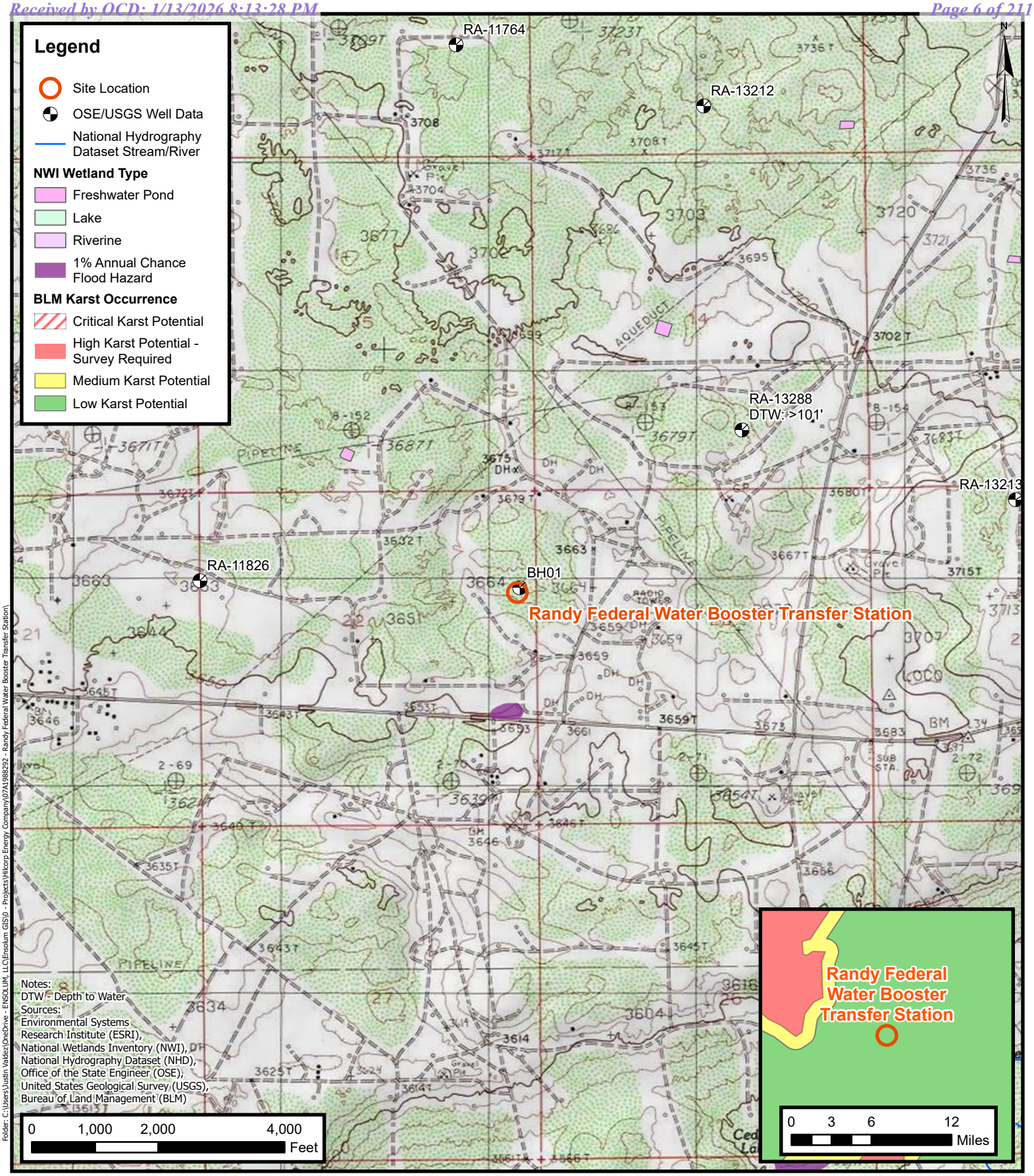
cc: Billy Ginn, Hilcorp Energy Company
Bureau of Land Management

Appendices:

Figure 1	Site Receptor Map
Figure 2	Assessment Soil Sample Locations
Figure 3	Confirmation Soil Sample Locations
Table 1	Soil Sample Analytical Results
Appendix A	Referenced Well Record
Appendix B	Photographic Log
Appendix C	Laboratory Analytical Reports & Chain-of-Custody Documentation
Appendix D	NMOCD Correspondence

ENSOLUM

FIGURES



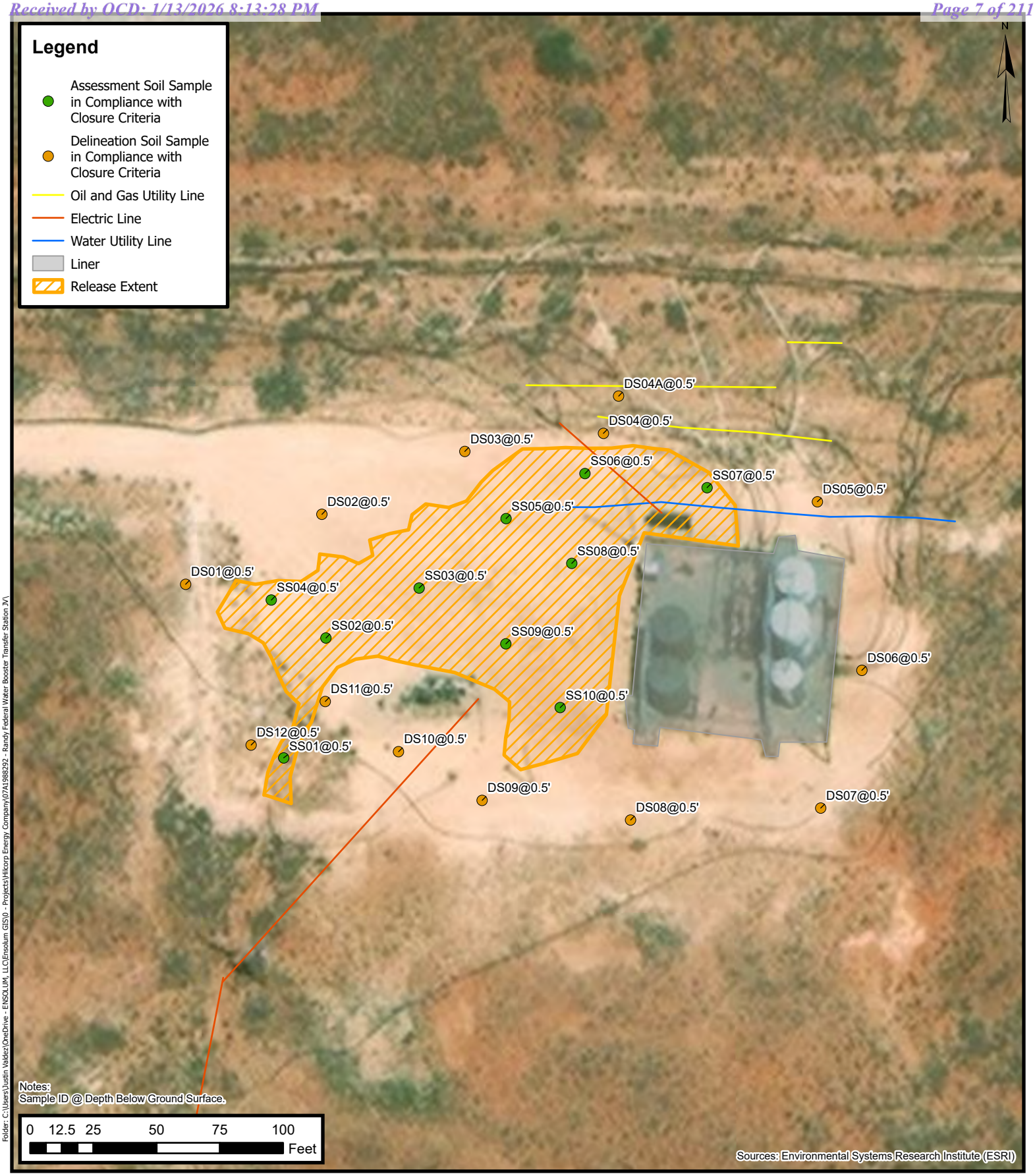
Folder: C:\Users\Justin Valdez\OneDrive - ENSOLUM, LLC\Ensolum GIS\0 - Projects\Hilcorp Energy Company\07A1988292 - Randy Federal Water Booster Transfer Station\

ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

Site Receptor Map

Hilcorp Energy Company
Randy Federal Water Booster Transfer Station
Incident Number: nAPP2519554321
Unit H, Section 22, T 17S, R 30E
Eddy County, New Mexico

FIGURE 1



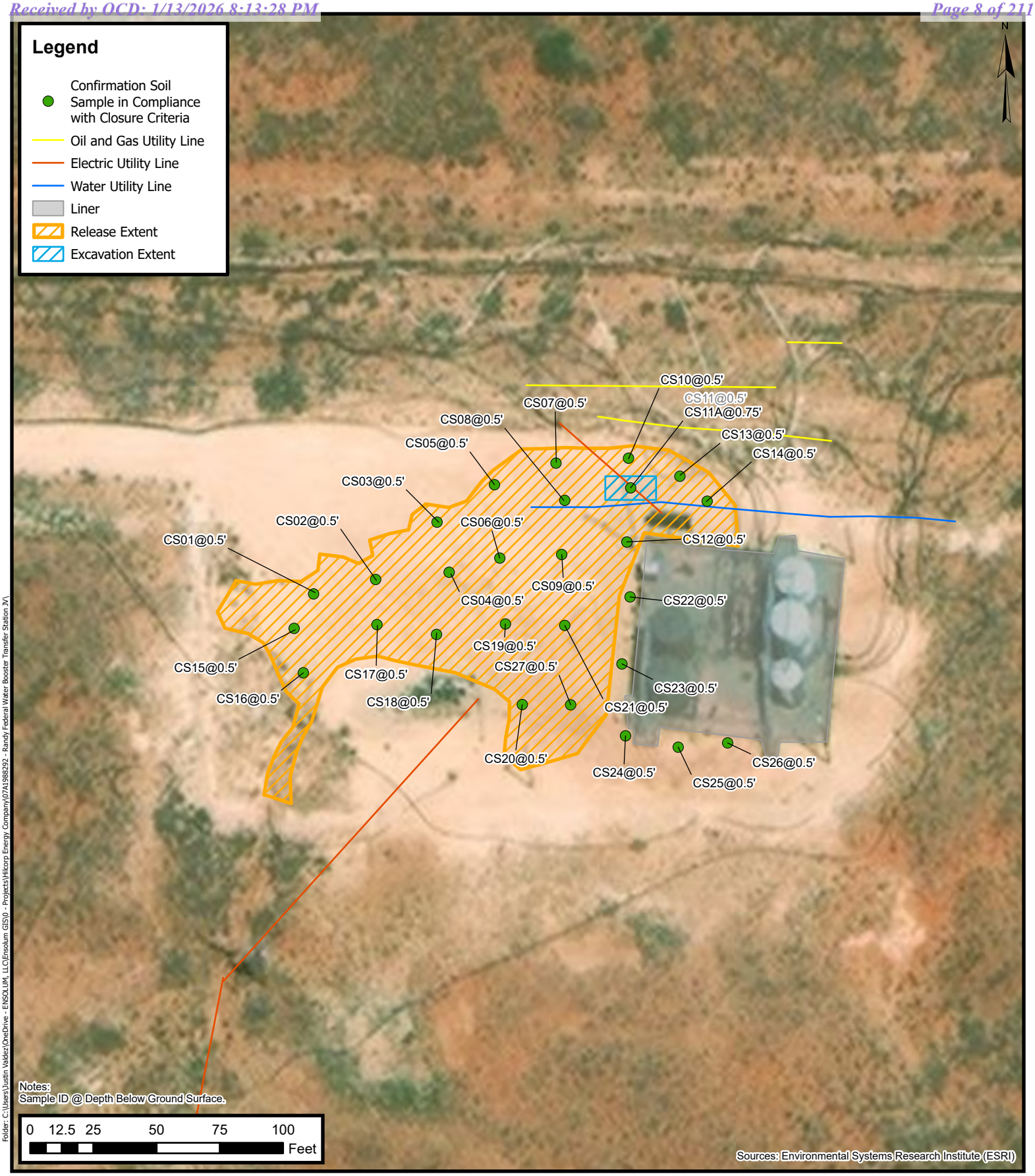
Folder: C:\Users\Justin Valdez\OneDrive - ENSOLUM, LLC\Ensolum GIS\0 - Projects\Hilcorp Energy Company\07A1988292 - Randy Federal Water Booster Transfer Station JV\

ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

Delineation Soil Sample Locations

Hilcorp Energy Company
Randy Federal Water Booster Transfer Station
Incident Number: nAPP2519554321
Unit H, Section 22, T 17S, R 30E
Eddy County, New Mexico

FIGURE 2



Folder: C:\Users\Justin Valdez\OneDrive - ENSOLUM, LLC\Ensolum GIS\0 - Projects\Hilcorp Energy Company\07A1988292 - Randy Federal Water Booster Transfer Station JV\

ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

Confirmation Soil Sample Location

Hilcorp Energy Company
Randy Federal Water Booster Transfer Station
Incident Number: nAPP2519554321
Unit H, Section 22, T 17S, R 30E
Eddy County, New Mexico

FIGURE 3

ENSOLUM

TABLES

ENSOLUM

TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
Randy Federal Water Booster Transfer Station
Hilcorp Energy Company
Eddy 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**
Assessment Soil Samples										
SS01	7/16/2025	0.5	<0.000199	<0.00398	<49.7	<49.7	<49.7	<49.7	<49.7	7,960
SS02	7/16/2025	0.5	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	9,200
SS03	7/16/2025	0.5	<0.00200	<0.00399	<49.6	<49.6	<49.6	<49.6	<49.6	10,700
SS04	7/16/2025	0.5	<0.00198	<0.00397	<50.1	<50.1	<50.1	<50.1	<50.1	1,890
SS05	7/16/2025	0.5	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	2,610
SS06	7/16/2025	0.5	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	11,900
SS07	7/16/2025	0.5	<0.00200	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	6,700
SS08	7/16/2025	0.5	<0.00200	<0.00401	<50.0	<50.0	<50.0	<50.0	<50.0	1,720
SS09	7/16/2025	0.5	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	8,270
SS10	7/16/2025	0.5	<0.00202	<0.00404	<49.9	<49.9	<49.9	<49.9	<49.9	13,200
Lateral Delineation Soil Samples										
DS01	12/12/2025	0.5	<0.00141	<0.00231	<14.5	<15.1	<15.1	<15.1	<15.1	26.1
DS02	12/12/2025	0.5	<0.00138	<0.00227	<14.6	<15.2	<15.2	<15.2	<15.2	33.5
DS03	12/12/2025	0.5	<0.00139	<0.00228	<14.6	<15.2	<15.2	<15.2	<15.2	95.3
DS04	12/12/2025	0.5	0.00499	0.0112	<14.6	<15.3	<15.3	<15.3	<15.3	728
DS04A	1/8/2026	0.5	<0.00198	<0.00396	<50.2	<50.2	<50.2	<50.2	<50.2	28.1*
DS05	12/12/2025	0.5	<0.00140	<0.00229	17.7	<15.1	<15.1	17.7	17.7	6.39
DS06	12/12/2025	0.5	<0.00141	<0.00231	<14.7	<15.3	<15.3	<15.3	<15.3	14.0
DS07	12/12/2025	0.5	<0.00138	<0.00227	<14.7	<15.3	<15.3	<15.3	<15.3	12.8
DS08	12/12/2025	0.5	0.00252	0.00252	<14.5	<15.1	<15.1	<15.1	<15.1	70.8
DS09	12/12/2025	0.5	<0.00139	<0.00228	<14.5	<15.1	<15.1	<15.1	<15.1	102
DS10	12/12/2025	0.5	<0.00140	<0.00229	<14.5	<15.1	<15.1	<15.1	<15.1	94.4
DS11	12/12/2025	0.5	<0.00141	<0.00231	<14.6	<15.2	<15.2	<15.2	<15.2	159
DS12	12/12/2025	0.5	<0.00138	<0.00227	<14.5	<15.1	<15.1	<15.1	<15.1	24.8
Confirmation Soil Samples										
CS01	12/12/205	0.5	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	7,680
CS02	12/12/205	0.5	<0.00202	<0.00404	<50.2	<50.2	<50.2	<50.2	<50.2	3,040
CS03	12/12/205	0.5	<0.00202	<0.00404	<49.9	<49.9	<49.9	<49.9	<49.9	7,250
CS04	12/12/205	0.5	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	1,380
CS05	12/12/205	0.5	<0.00198	<0.00396	<49.8	<49.8	<49.8	<49.8	<49.8	631
CS06	12/12/205	0.5	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	9,570
CS07	12/12/205	0.5	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	6,250
CS08	12/12/205	0.5	<0.00202	<0.00404	<50.0	<50.0	<50.0	<50.0	<50.0	1,960
CS09	12/12/205	0.5	<0.00199	<0.00398	<50.2	<50.2	<50.2	<50.2	<50.2	2,970
CS10	12/12/205	0.5	<0.00200	<0.00399	<50.1	<50.1	<50.1	<50.1	<50.1	7,990
CS11	12/12/205	0.5	<0.00201	<0.00402	<49.9	88.3	2,670.0	88.3	**2,760**	12,400
CS11A	1/8/2026	0.75	<0.00198	<0.00396	<50.1	<50.1	<50.1	<50.1	<50.1	4,220
CS12	12/12/205	0.5	<0.00202	<0.00403	<50.2	<50.2	761.0	<50.2	761	12,400
CS13	12/12/205	0.5	<0.00198	<0.00396	<49.8	<49.8	230.0	<49.8	230	2,270
CS14	12/12/205	0.5	<0.00200	<0.00400	<50.0	<50.0	115.0	<50.0	115	4,390
CS15	12/12/2025	0.5	<0.00200	<0.00399	<49.8	<49.8	70.7	<49.8	70.7	3,580
CS16	12/12/2025	0.5	<0.00201	<0.00402	<49.9	<49.9	51.9	<49.9	51.9	922
CS17	12/12/2025	0.5	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	1,340
CS18	12/12/2025	0.5	<0.00200	<0.00400	<49.9	<49.9	<49.9	<49.9	<49.9	1,210
CS19	12/12/2025	0.5	<0.00198	<0.00396	<50.1	<50.1	<50.1	<50.1	<50.1	8,430
CS20	12/12/2025	0.5	<0.00200	<0.00399	<50.1	<50.1	<50.1	<50.1	<50.1	13,600
CS21	12/12/2025	0.5	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	3,690
CS22	12/12/2025	0.5	<0.00201	<0.00402	<50.3	<50.3	<50.3	<50.3	<50.3	11,900
CS23	12/12/2025	0.5	<0.00202	<0.00404	<49.9	<49.9	<49.9	<49.9	<49.9	7,350
CS24	12/12/2025	0.5	<0.00199	<0.00398	<50.1	<50.1	<50.1	<50.1	<50.1	8,530
CS25	12/12/2025	0.5	<0.00198	<0.00396	<49.9	<49.9	<49.9	<49.9	<49.9	7,490
CS26	12/12/2025	0.5	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	250
CS27	12/12/2025	0.5	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	5,790

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.*
NE: Not Established

ENSOLUM

APPENDIX A

Referenced Well Record

ENSOLUM

Client:	Hilcorp Energy Company
Project Name:	Randy Federal Booster Transfer Station
Boring ID:	BH01
Project Number:	07A1988292
Site Sketch:	Date: 11/12/2025
	Logged by: Mario Sarkis
	Driller: West Texas Water Well Services
	Drilling Method: Air Rotary
GPS: 32.821941, -103.954137	Sample Method:
	Boring Diameter: 6" Well Diameter:
	Well Material:
	Surface Completion:
	Total Depth: 110 feet

Casing Interval:	Screen Interval:	DTP/DTW: -
Grout Interval:	Bentonite Interval:	Sand Interval:

Depth (ft)	Blow Count	Run / Recovery	Moisture Content	PID (ppm)	Stain	Sample ID	USCS Symbol	Geologic Description	Completion Diagram
0								0-5': Reddish brown, sand with some clay, fine grained, cohesive, non-plastic, loose, dry	0
5								5-10': Reddish brown, clayey sand, fine grained, cohesive, low plasticity, loose, dry	5
10								10-15': Brownish tan, fine grained sand with small caliche gravels, non-cohesive, non-plastic, loose, dry	10
15							SP-SM	10-20': Reddish brown, sand, fine grained, non-cohesive, non-plastic, coarse grains of caliche, loose, dry	15
20								20-25': Reddish brown, sand with some clay, fine grained, cohesive, non-plastic, loose, dry	20
25								25-30': Light brown, silty sand, fine grained, cohesive, non-plastic, some medium grained caliche present, loose, dry	25
30									30

ENSOLUM

Project Name: Randy Federal Booster Transfer Station

Boring ID: BH01

Depth (ft)	Blow Count	Run / Recovery	Moisture Content	PID (ppm)	Stain	Sample ID	USCS Symbol	Geologic Description	Completion Diagram
30									30
35								30-40': Brown, silty sand, cohesive, non-plastic, small caliche gravel present, loose, dry	35
40									40
45									45
50							SP-SM	40-55': Reddish brown, clayey sand, fine grained, cohesive, medium plasticity, loose, dry	50
55								55-60': Reddish brown, sand with little clay, cohesive, non-plastic, coarse to small caliche gravels, loose, dry	55
60									60
65								60-70': Reddish brown, fat clays with sand, fine grained, cohesive, medium plasticity, dry	65
70									70

ENSOLUM

Project Name: Randy Federal Booster Transfer Station

Boring ID: BH01

Depth (ft)	Blow Count	Run / Recovery	Moisture Content	PID (ppm)	Stain	Sample ID	USCS Symbol	Geologic Description	Completion Diagram
70								70-75': Reddish brown, clayey sand, fine grained, cohesive, low plasticity, dry	70
75								75-80': Reddish brown, clayey sand with coarse grains of caliche, fine grained, cohesive, low plasticity, dry	75
80								80-85': Reddish brown, clayey sand, fine grained, cohesive, high plasticity, dry	80
85									85
90							SP-SM	85-100': Reddish brown, sand with some clay, fine grained, cohesive, non-plastic	90
95									95
100									100
105								100-110': Reddish brown, clayey sand, fine grained, cohesive, medium plasticity, dry	105
110									110

ENSOLUM

APPENDIX B

Photographic Log

ENSOLUM

Photographic Log
Hilcorp Energy Company
Randy Federal Water Booster Tranfer Station
Eddy County, New Mexico

Photograph: 1 Date: 7/16/2025
Description: Initial release assessment
View: Southwest

Photograph: 2 Date: 7/16/2025
Description: Initial release assessment
View: East

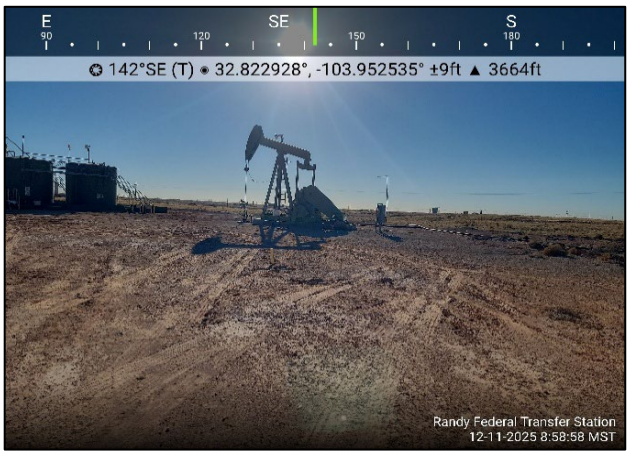
Photograph: 3 Date: 7/16/2025
Description: Initial release assessment
View: Northeast

Photograph: 4 Date: 7/16/2025
Description: Initial release assessment
View: Northwest

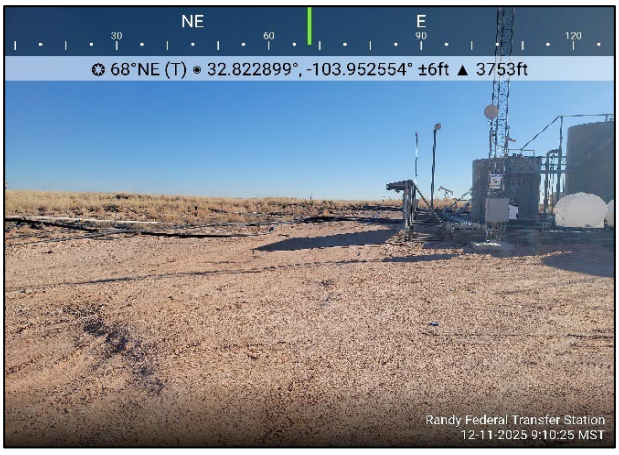
ENSOLUM

Photographic Log
Hilcorp Energy Company
Randy Federal Water Booster Tranfer Station
Eddy County, New Mexico

Photograph: 5 Date: 12/11/2025
Description: Confirmation sampling activities
View: East



Photograph: 6 Date: 12/11/2025
Description: Confirmation sampling activities
View: Southeast



Photograph: 7 Date: 12/11/2025
Description: Confirmation sampling activities
View: Northeast

Photograph: 8 Date: 12/11/2025
Description: Confirmation sampling activities
View: Southwest

ENSOLUM

Photographic Log
Hilcorp Energy Company
Randy Federal Water Booster Tranfer Station
Eddy County, New Mexico

Photograph: 9 Date: 12/22/2025
Description: Liner washing activities
View: Southeast

Photograph: 10 Date: 12/22/2025
Description: Liner washing activities
View: South

Photograph: 11 Date: 12/29/2025
Description: Liner inspection
View: East

Photograph: 12 Date: 12/29/2025
Description: Liner inspection
View: South

ENSOLUM

APPENDIX C

Laboratory Analytical Reports &

Chain-of-Custody Documentation

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Kalei Jennings
Ensolum
601 N. Marienfeld St.
Suite 400
Midland, Texas 79701

Generated 7/21/2025 9:54:05 AM

JOB DESCRIPTION

Randy Federal #4
07A1988292

JOB NUMBER

890-8455-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

my EOL

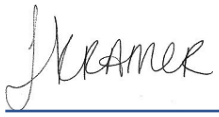
Eurofins Carlsbad

Job Notes

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

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

Authorization



Generated
7/21/2025 9:54:05 AM

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

Client: Ensolum
Project/Site: Randy Federal #4

Laboratory Job ID: 890-8455-1
SDG: 07A1988292

Table of Contents

Definitions/Glossary

Client: Ensolum
Project/Site: Randy Federal #4

Job ID: 890-8455-1
SDG: 07A1988292

Qualifiers

GC VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Case Narrative

Client: Ensolum
Project: Randy Federal #4

Job ID: 890-8455-1

Job ID: 890-8455-1 Eurofins Carlsbad

Job Narrative
890-8455-1

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

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

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

Receipt
The samples were received on 7/16/2025 2:15 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 4.2°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: SS 01 (890-8455-1), SS 02 (890-8455-2), SS 03 (890-8455-3), SS 04 (890-8455-4), SS 05 (890-8455-5), SS 06 (890-8455-6), SS 07 (890-8455-7), SS 08 (890-8455-8), SS 09 (890-8455-9) and SS 10 (890-8455-10).

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

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

HPLC/IC
Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-114334 and analytical batch 880-114388 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.

Client Sample Results

Client: Ensolum
Project/Site: Randy Federal #4

Job ID: 890-8455-1
SDG: 07A1988292

Client Sample ID: SS 01

Lab Sample ID: 890-8455-1
Matrix: Solid
Date Collected: 07/16/25 11:06
Date Received: 07/16/25 14:15
Sample Depth: 0.5

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		07/17/25 08:08	07/17/25 16:13	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/17/25 08:08	07/17/25 16:13	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/17/25 08:08	07/17/25 16:13	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/17/25 08:08	07/17/25 16:13	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/17/25 08:08	07/17/25 16:13	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/17/25 08:08	07/17/25 16:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*07/17/25 08:08*	*07/17/25 16:13*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*07/17/25 08:08*	*07/17/25 16:13*	*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			07/17/25 16:13	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			07/17/25 22:34	1

Method: SW846 8015B NM - Diesel Range Organics (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		07/15/25 12:00	07/17/25 22:34	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		07/15/25 12:00	07/17/25 22:34	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		07/15/25 12:00	07/17/25 22:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*127*		*70 - 130*	*07/15/25 12:00*	*07/17/25 22:34*	*1*
o-Terphenyl	*118*		*70 - 130*	*07/15/25 12:00*	*07/17/25 22:34*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7960**		101		mg/Kg			07/17/25 20:32	10

Client Sample ID: SS 02

Lab Sample ID: 890-8455-2
Matrix: Solid
Date Collected: 07/16/25 11:08
Date Received: 07/16/25 14:15
Sample Depth: 0.5

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		07/17/25 08:08	07/17/25 16:33	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/17/25 08:08	07/17/25 16:33	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/17/25 08:08	07/17/25 16:33	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/17/25 08:08	07/17/25 16:33	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/17/25 08:08	07/17/25 16:33	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/17/25 08:08	07/17/25 16:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*07/17/25 08:08*	*07/17/25 16:33*	*1*

Eurofins Carlsbad

Client Sample Results

Client: Ensolum
Project/Site: Randy Federal #4

Job ID: 890-8455-1
SDG: 07A1988292

Client Sample ID: SS 02

Lab Sample ID: 890-8455-2
Matrix: Solid
Date Collected: 07/16/25 11:08
Date Received: 07/16/25 14:15
Sample Depth: 0.5

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*07/17/25 08:08*	*07/17/25 16:33*	*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			07/17/25 16:33	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			07/17/25 22:51	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		07/15/25 12:00	07/17/25 22:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		07/15/25 12:00	07/17/25 22:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		07/15/25 12:00	07/17/25 22:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*125*		*70 - 130*	*07/15/25 12:00*	*07/17/25 22:51*	*1*
o-Terphenyl	*114*		*70 - 130*	*07/15/25 12:00*	*07/17/25 22:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9200**		101	mg/Kg			07/17/25 20:38	10

Client Sample ID: SS 03

Lab Sample ID: 890-8455-3
Matrix: Solid
Date Collected: 07/16/25 11:09
Date Received: 07/16/25 14:15
Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		07/17/25 08:08	07/17/25 16:53	1
Toluene	<0.00200	U	0.00200	mg/Kg		07/17/25 08:08	07/17/25 16:53	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		07/17/25 08:08	07/17/25 16:53	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		07/17/25 08:08	07/17/25 16:53	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		07/17/25 08:08	07/17/25 16:53	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		07/17/25 08:08	07/17/25 16:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*07/17/25 08:08*	*07/17/25 16:53*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*07/17/25 08:08*	*07/17/25 16:53*	*1*

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	mg/Kg			07/17/25 16:53	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			07/17/25 23:07	1

Eurofins Carlsbad

Client Sample Results

Client: Ensolum
Project/Site: Randy Federal #4

Job ID: 890-8455-1
SDG: 07A1988292

Client Sample ID: SS 03

Lab Sample ID: 890-8455-3
Matrix: Solid
Date Collected: 07/16/25 11:09
Date Received: 07/16/25 14:15
Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		07/15/25 12:00	07/17/25 23:07	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		07/15/25 12:00	07/17/25 23:07	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		07/15/25 12:00	07/17/25 23:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*126*		*70 - 130*	*07/15/25 12:00*	*07/17/25 23:07*	*1*
o-Terphenyl	*117*		*70 - 130*	*07/15/25 12:00*	*07/17/25 23:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10700**		99.8		mg/Kg			07/17/25 20:43	10

Client Sample ID: SS 04

Lab Sample ID: 890-8455-4
Matrix: Solid
Date Collected: 07/16/25 11:14
Date Received: 07/16/25 14:15
Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		07/17/25 08:08	07/17/25 17:14	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/17/25 08:08	07/17/25 17:14	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/17/25 08:08	07/17/25 17:14	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		07/17/25 08:08	07/17/25 17:14	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/17/25 08:08	07/17/25 17:14	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		07/17/25 08:08	07/17/25 17:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*07/17/25 08:08*	*07/17/25 17:14*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*07/17/25 08:08*	*07/17/25 17:14*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			07/17/25 17:14	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			07/17/25 23:24	1

Method: SW846 8015B NM - Diesel Range Organics (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		07/15/25 12:00	07/17/25 23:24	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		07/15/25 12:00	07/17/25 23:24	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		07/15/25 12:00	07/17/25 23:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*125*		*70 - 130*	*07/15/25 12:00*	*07/17/25 23:24*	*1*
o-Terphenyl	*119*		*70 - 130*	*07/15/25 12:00*	*07/17/25 23:24*	*1*

Client Sample Results

Client: Ensolum
Project/Site: Randy Federal #4

Job ID: 890-8455-1
SDG: 07A1988292

Client Sample ID: SS 04

Lab Sample ID: 890-8455-4
Matrix: Solid
Date Collected: 07/16/25 11:14
Date Received: 07/16/25 14:15
Sample Depth: 0.5

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1890		50.5		mg/Kg			07/17/25 21:00	5

Client Sample ID: SS 05

Lab Sample ID: 890-8455-5
Matrix: Solid
Date Collected: 07/16/25 11:17
Date Received: 07/16/25 14:15
Sample Depth: 0.5

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		07/17/25 08:08	07/17/25 17:34	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/17/25 08:08	07/17/25 17:34	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/17/25 08:08	07/17/25 17:34	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/17/25 08:08	07/17/25 17:34	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/17/25 08:08	07/17/25 17:34	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/17/25 08:08	07/17/25 17:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*07/17/25 08:08*	*07/17/25 17:34*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*07/17/25 08:08*	*07/17/25 17:34*	*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			07/17/25 17:34	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/17/25 23:40	1

Method: SW846 8015B NM - Diesel Range Organics (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		07/15/25 12:00	07/17/25 23:40	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/15/25 12:00	07/17/25 23:40	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/15/25 12:00	07/17/25 23:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*123*		*70 - 130*	*07/15/25 12:00*	*07/17/25 23:40*	*1*
o-Terphenyl	*116*		*70 - 130*	*07/15/25 12:00*	*07/17/25 23:40*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2610		50.5		mg/Kg			07/17/25 21:06	5

Client Sample Results

Client: Ensolum
Project/Site: Randy Federal #4

Job ID: 890-8455-1
SDG: 07A1988292

Client Sample ID: SS 06

Lab Sample ID: 890-8455-6
Matrix: Solid
Date Collected: 07/16/25 11:19
Date Received: 07/16/25 14:15
Sample Depth: 0.5

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		07/17/25 08:08	07/17/25 17:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/17/25 08:08	07/17/25 17:55	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/17/25 08:08	07/17/25 17:55	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/17/25 08:08	07/17/25 17:55	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/17/25 08:08	07/17/25 17:55	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/17/25 08:08	07/17/25 17:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*07/17/25 08:08*	*07/17/25 17:55*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*07/17/25 08:08*	*07/17/25 17:55*	*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			07/17/25 17:55	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/17/25 23:56	1

Method: SW846 8015B NM - Diesel Range Organics (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		07/15/25 12:00	07/17/25 23:56	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/15/25 12:00	07/17/25 23:56	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/15/25 12:00	07/17/25 23:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*122*		*70 - 130*	*07/15/25 12:00*	*07/17/25 23:56*	*1*
o-Terphenyl	*115*		*70 - 130*	*07/15/25 12:00*	*07/17/25 23:56*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**11900**		101		mg/Kg			07/17/25 21:23	10

Client Sample ID: SS 07

Lab Sample ID: 890-8455-7
Matrix: Solid
Date Collected: 07/16/25 11:24
Date Received: 07/16/25 14:15
Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/17/25 08:08	07/17/25 18:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/17/25 08:08	07/17/25 18:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/17/25 08:08	07/17/25 18:15	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/17/25 08:08	07/17/25 18:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/17/25 08:08	07/17/25 18:15	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/17/25 08:08	07/17/25 18:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*07/17/25 08:08*	*07/17/25 18:15*	*1*

Eurofins Carlsbad

Client Sample Results

Client: Ensolum
Project/Site: Randy Federal #4

Job ID: 890-8455-1
SDG: 07A1988292

Client Sample ID: SS 07

Lab Sample ID: 890-8455-7
Matrix: Solid
Date Collected: 07/16/25 11:24
Date Received: 07/16/25 14:15
Sample Depth: 0.5

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*07/17/25 08:08*	*07/17/25 18:15*	*1*

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	mg/Kg			07/17/25 18:15	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			07/18/25 00:13	1

Method: SW846 8015B NM - Diesel Range Organics (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		07/15/25 12:00	07/18/25 00:13	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		07/15/25 12:00	07/18/25 00:13	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		07/15/25 12:00	07/18/25 00:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*124*		*70 - 130*	*07/15/25 12:00*	*07/18/25 00:13*	*1*
o-Terphenyl	*117*		*70 - 130*	*07/15/25 12:00*	*07/18/25 00:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6700**		99.8	mg/Kg			07/17/25 21:29	10

Client Sample ID: SS 08

Lab Sample ID: 890-8455-8
Matrix: Solid
Date Collected: 07/16/25 11:26
Date Received: 07/16/25 14:15
Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		07/17/25 08:08	07/17/25 18:36	1
Toluene	<0.00200	U	0.00200	mg/Kg		07/17/25 08:08	07/17/25 18:36	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		07/17/25 08:08	07/17/25 18:36	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		07/17/25 08:08	07/17/25 18:36	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		07/17/25 08:08	07/17/25 18:36	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		07/17/25 08:08	07/17/25 18:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*07/17/25 08:08*	*07/17/25 18:36*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*07/17/25 08:08*	*07/17/25 18:36*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			07/17/25 18:36	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			07/19/25 16:53	1

Eurofins Carlsbad

Client Sample Results

Client: Ensolum
Project/Site: Randy Federal #4

Job ID: 890-8455-1
SDG: 07A1988292

Client Sample ID: SS 08

Lab Sample ID: 890-8455-8
Matrix: Solid
Date Collected: 07/16/25 11:26
Date Received: 07/16/25 14:15
Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/17/25 07:39	07/19/25 16:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/17/25 07:39	07/19/25 16:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/17/25 07:39	07/19/25 16:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*70*		*70 - 130*	*07/17/25 07:39*	*07/19/25 16:53*	*1*
o-Terphenyl	*70*		*70 - 130*	*07/17/25 07:39*	*07/19/25 16:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1720**		50.4		mg/Kg			07/17/25 21:34	5

Client Sample ID: SS 09

Lab Sample ID: 890-8455-9
Matrix: Solid
Date Collected: 07/16/25 11:29
Date Received: 07/16/25 14:15
Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		07/17/25 08:08	07/17/25 18:56	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/17/25 08:08	07/17/25 18:56	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/17/25 08:08	07/17/25 18:56	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		07/17/25 08:08	07/17/25 18:56	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/17/25 08:08	07/17/25 18:56	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/17/25 08:08	07/17/25 18:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*07/17/25 08:08*	*07/17/25 18:56*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*07/17/25 08:08*	*07/17/25 18:56*	*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			07/17/25 18:56	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			07/19/25 17:42	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/17/25 07:39	07/19/25 17:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/17/25 07:39	07/19/25 17:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/17/25 07:39	07/19/25 17:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*78*		*70 - 130*	*07/17/25 07:39*	*07/19/25 17:42*	*1*
o-Terphenyl	*75*		*70 - 130*	*07/17/25 07:39*	*07/19/25 17:42*	*1*

Client Sample Results

Client: Ensolum
Project/Site: Randy Federal #4

Job ID: 890-8455-1
SDG: 07A1988292

Client Sample ID: SS 09

Lab Sample ID: 890-8455-9
Matrix: Solid
Date Collected: 07/16/25 11:29
Date Received: 07/16/25 14:15
Sample Depth: 0.5

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8270		100		mg/Kg			07/17/25 21:40	10

Client Sample ID: SS 10

Lab Sample ID: 890-8455-10
Matrix: Solid
Date Collected: 07/16/25 11:31
Date Received: 07/16/25 14:15
Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		07/17/25 08:08	07/17/25 19:16	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/17/25 08:08	07/17/25 19:16	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/17/25 08:08	07/17/25 19:16	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		07/17/25 08:08	07/17/25 19:16	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/17/25 08:08	07/17/25 19:16	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		07/17/25 08:08	07/17/25 19:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*07/17/25 08:08*	*07/17/25 19:16*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*07/17/25 08:08*	*07/17/25 19:16*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			07/17/25 19:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/19/25 17:58	1

Method: SW846 8015B NM - Diesel Range Organics (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		07/17/25 07:59	07/19/25 17:58	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/17/25 07:59	07/19/25 17:58	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/17/25 07:59	07/19/25 17:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*75*		*70 - 130*	*07/17/25 07:59*	*07/19/25 17:58*	*1*
o-Terphenyl	*72*		*70 - 130*	*07/17/25 07:59*	*07/19/25 17:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13200		200		mg/Kg			07/17/25 21:46	20

Surrogate Summary

Client: Ensolum
Project/Site: Randy Federal #4

Job ID: 890-8455-1
SDG: 07A1988292

Method: 8021B - Volatile Organic Compounds (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
890-8450-A-7-F MS	Matrix Spike	98	104
890-8450-A-7-G MSD	Matrix Spike Duplicate	99	105
890-8455-1	SS 01	105	98
890-8455-2	SS 02	99	100
890-8455-3	SS 03	99	103
890-8455-4	SS 04	99	100
890-8455-5	SS 05	106	93
890-8455-6	SS 06	107	96
890-8455-7	SS 07	92	103
890-8455-8	SS 08	104	95
890-8455-9	SS 09	107	95
890-8455-10	SS 10	101	101
LCS 880-114313/1-A	Lab Control Sample	97	102
LCSD 880-114313/2-A	Lab Control Sample Dup	99	101
MB 880-114313/5-A	Method Blank	95	98

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-60368-A-1-B MS	Matrix Spike	88	89
880-60368-A-1-C MSD	Matrix Spike Duplicate	107	91
890-8455-1	SS 01	127	118
890-8455-2	SS 02	125	114
890-8455-3	SS 03	126	117
890-8455-4	SS 04	125	119
890-8455-5	SS 05	123	116
890-8455-6	SS 06	122	115
890-8455-7	SS 07	124	117
890-8455-8	SS 08	70	70
890-8455-8 MS	SS 08	71	75
890-8455-8 MSD	SS 08	87	75
890-8455-9	SS 09	78	75
890-8455-10	SS 10	75	72
LCS 880-114193/2-A	Lab Control Sample	99	106
LCS 880-114302/2-A	Lab Control Sample	105	95
LCSD 880-114193/3-A	Lab Control Sample Dup	98	104
LCSD 880-114302/3-A	Lab Control Sample Dup	109	98
MB 880-114193/1-A	Method Blank	113	109
MB 880-114302/1-A	Method Blank	80	77

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: Ensolum
Project/Site: Randy Federal #4

Job ID: 890-8455-1
SDG: 07A1988292

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-114313/5-A
Matrix: Solid
Analysis Batch: 114315

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 114313

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/17/25 08:08	07/17/25 11:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/17/25 08:08	07/17/25 11:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/17/25 08:08	07/17/25 11:13	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/17/25 08:08	07/17/25 11:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/17/25 08:08	07/17/25 11:13	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/17/25 08:08	07/17/25 11:13	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*07/17/25 08:08*	*07/17/25 11:13*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*07/17/25 08:08*	*07/17/25 11:13*	*1*

Lab Sample ID: LCS 880-114313/1-A
Matrix: Solid
Analysis Batch: 114315

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 114313

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.08355		mg/Kg		84	70 - 130		
Toluene			0.100	0.07559		mg/Kg		76	70 - 130		
Ethylbenzene			0.100	0.08116		mg/Kg		81	70 - 130		
m-Xylene & p-Xylene			0.200	0.1608		mg/Kg		80	70 - 130		
o-Xylene			0.100	0.08241		mg/Kg		82	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: LCSD 880-114313/2-A
Matrix: Solid
Analysis Batch: 114315

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 114313

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.07772		mg/Kg		78	70 - 130	7	35
Toluene			0.100	0.07003		mg/Kg		70	70 - 130	8	35
Ethylbenzene			0.100	0.07558		mg/Kg		76	70 - 130	7	35
m-Xylene & p-Xylene			0.200	0.1501		mg/Kg		75	70 - 130	7	35
o-Xylene			0.100	0.07711		mg/Kg		77	70 - 130	7	35

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

Lab Sample ID: 890-8450-A-7-F MS
Matrix: Solid
Analysis Batch: 114315

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 114313

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00202	U	0.100	0.09141		mg/Kg		91	70 - 130		
Toluene	<0.00202	U	0.100	0.08150		mg/Kg		82	70 - 130		

QC Sample Results

Client: Ensolum
Project/Site: Randy Federal #4

Job ID: 890-8455-1
SDG: 07A1988292

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

Lab Sample ID: 890-8450-A-7-F MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 114315 — **Prep Batch: 114313**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00202	U	0.100	0.08758		mg/Kg		88	70 - 130
m-Xylene & p-Xylene	<0.00403	U	0.200	0.1724		mg/Kg		86	70 - 130
o-Xylene	<0.00202	U	0.100	0.08739		mg/Kg		87	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

Lab Sample ID: 890-8450-A-7-G MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 114315 — **Prep Batch: 114313**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U	0.100	0.09492		mg/Kg		95	70 - 130	4	35
Toluene	<0.00202	U	0.100	0.08309		mg/Kg		83	70 - 130	2	35
Ethylbenzene	<0.00202	U	0.100	0.08804		mg/Kg		88	70 - 130	1	35
m-Xylene & p-Xylene	<0.00403	U	0.200	0.1725		mg/Kg		86	70 - 130	0	35
o-Xylene	<0.00202	U	0.100	0.08729		mg/Kg		87	70 - 130	0	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*

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

Lab Sample ID: MB 880-114193/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 114421 — **Prep Batch: 114193**

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		07/15/25 11:59	07/17/25 10:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		07/15/25 11:59	07/17/25 10:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		07/15/25 11:59	07/17/25 10:35	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*113*		*70 - 130*	*07/15/25 11:59*	*07/17/25 10:35*	*1*
o-Terphenyl	*109*		*70 - 130*	*07/15/25 11:59*	*07/17/25 10:35*	*1*

Lab Sample ID: LCS 880-114193/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 114421 — **Prep Batch: 114193**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1141		mg/Kg		114	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1145		mg/Kg		114	70 - 130

QC Sample Results

Client: Ensolum
Project/Site: Randy Federal #4

Job ID: 890-8455-1
SDG: 07A1988292

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

Lab Sample ID: LCS 880-114193/2-A
Matrix: Solid
Analysis Batch: 114421

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 114193

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	99		70 - 130
o-Terphenyl	106		70 - 130

Lab Sample ID: LCSD 880-114193/3-A
Matrix: Solid
Analysis Batch: 114421

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 114193

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1127		mg/Kg		113	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	1116		mg/Kg		112	70 - 130	3	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	98		70 - 130
o-Terphenyl	104		70 - 130

Lab Sample ID: 880-60368-A-1-B MS
Matrix: Solid
Analysis Batch: 114421

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 114193

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	999	892.1		mg/Kg		89	70 - 130
Diesel Range Organics (Over C10-C28)	<49.7	U	999	899.6		mg/Kg		90	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	88		70 - 130
o-Terphenyl	89		70 - 130

Lab Sample ID: 880-60368-A-1-C MSD
Matrix: Solid
Analysis Batch: 114421

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 114193

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	999	859.1		mg/Kg		86	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<49.7	U	999	839.1		mg/Kg		84	70 - 130	7	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	107		70 - 130
o-Terphenyl	91		70 - 130

QC Sample Results

Client: Ensolum
Project/Site: Randy Federal #4

Job ID: 890-8455-1
SDG: 07A1988292

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

Lab Sample ID: MB 880-114302/1-A
Matrix: Solid
Analysis Batch: 114531

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 114302

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/17/25 07:39	07/19/25 08:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/17/25 07:39	07/19/25 08:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/17/25 07:39	07/19/25 08:32	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*80*		*70 - 130*	*07/17/25 07:39*	*07/19/25 08:32*	*1*
o-Terphenyl	*77*		*70 - 130*	*07/17/25 07:39*	*07/19/25 08:32*	*1*

Lab Sample ID: LCS 880-114302/2-A
Matrix: Solid
Analysis Batch: 114531

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 114302

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	953.4		mg/Kg		95	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	917.6		mg/Kg		92	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*105*		*70 - 130*
o-Terphenyl	*95*		*70 - 130*

Lab Sample ID: LCSD 880-114302/3-A
Matrix: Solid
Analysis Batch: 114531

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 114302

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	983.2		mg/Kg		98	70 - 130	3	20
Diesel Range Organics (Over C10-C28)			1000	939.7		mg/Kg		94	70 - 130	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*109*		*70 - 130*
o-Terphenyl	*98*		*70 - 130*

Lab Sample ID: 890-8455-8 MS
Matrix: Solid
Analysis Batch: 114531

Client Sample ID: SS 08
Prep Type: Total/NA
Prep Batch: 114302

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	808.6		mg/Kg		81	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	844.3		mg/Kg		84	70 - 130		

QC Sample Results

Client: Ensolum
Project/Site: Randy Federal #4

Job ID: 890-8455-1
SDG: 07A1988292

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

Lab Sample ID: 890-8455-8 MS
Matrix: Solid
Analysis Batch: 114531

Client Sample ID: SS 08
Prep Type: Total/NA
Prep Batch: 114302

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	71		70 - 130
o-Terphenyl	75		70 - 130

Lab Sample ID: 890-8455-8 MSD
Matrix: Solid
Analysis Batch: 114531

Client Sample ID: SS 08
Prep Type: Total/NA
Prep Batch: 114302

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	844.0		mg/Kg		84	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	806.2		mg/Kg		81	70 - 130	5	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	87		70 - 130
o-Terphenyl	75		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-114334/1-A
Matrix: Solid
Analysis Batch: 114388

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			07/17/25 19:07	1

Lab Sample ID: LCS 880-114334/2-A
Matrix: Solid
Analysis Batch: 114388

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	251.2		mg/Kg		100	90 - 110		

Lab Sample ID: LCSD 880-114334/3-A
Matrix: Solid
Analysis Batch: 114388

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	251.7		mg/Kg		101	90 - 110	0	20

Lab Sample ID: 890-8455-3 MS
Matrix: Solid
Analysis Batch: 114388

Client Sample ID: SS 03
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	10700		2500	14650	4	mg/Kg		159	90 - 110		

QC Sample Results

Client: Ensolum
Project/Site: Randy Federal #4

Job ID: 890-8455-1
SDG: 07A1988292

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-8455-3 MSD
Matrix: Solid
Analysis Batch: 114388

Client Sample ID: SS 03
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10700		2500	14510	4	mg/Kg		153	90 - 110	1	20

QC Association Summary

Client: Ensolum
Project/Site: Randy Federal #4

Job ID: 890-8455-1
SDG: 07A1988292

GC VOA

Prep Batch: 114313

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8455-1	SS 01	Total/NA	Solid	5035	
890-8455-2	SS 02	Total/NA	Solid	5035	
890-8455-3	SS 03	Total/NA	Solid	5035	
890-8455-4	SS 04	Total/NA	Solid	5035	
890-8455-5	SS 05	Total/NA	Solid	5035	
890-8455-6	SS 06	Total/NA	Solid	5035	
890-8455-7	SS 07	Total/NA	Solid	5035	
890-8455-8	SS 08	Total/NA	Solid	5035	
890-8455-9	SS 09	Total/NA	Solid	5035	
890-8455-10	SS 10	Total/NA	Solid	5035	
MB 880-114313/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-114313/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-114313/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-8450-A-7-F MS	Matrix Spike	Total/NA	Solid	5035	
890-8450-A-7-G MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 114315

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8455-1	SS 01	Total/NA	Solid	8021B	114313
890-8455-2	SS 02	Total/NA	Solid	8021B	114313
890-8455-3	SS 03	Total/NA	Solid	8021B	114313
890-8455-4	SS 04	Total/NA	Solid	8021B	114313
890-8455-5	SS 05	Total/NA	Solid	8021B	114313
890-8455-6	SS 06	Total/NA	Solid	8021B	114313
890-8455-7	SS 07	Total/NA	Solid	8021B	114313
890-8455-8	SS 08	Total/NA	Solid	8021B	114313
890-8455-9	SS 09	Total/NA	Solid	8021B	114313
890-8455-10	SS 10	Total/NA	Solid	8021B	114313
MB 880-114313/5-A	Method Blank	Total/NA	Solid	8021B	114313
LCS 880-114313/1-A	Lab Control Sample	Total/NA	Solid	8021B	114313
LCSD 880-114313/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	114313
890-8450-A-7-F MS	Matrix Spike	Total/NA	Solid	8021B	114313
890-8450-A-7-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	114313

Analysis Batch: 114454

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8455-1	SS 01	Total/NA	Solid	Total BTEX	
890-8455-2	SS 02	Total/NA	Solid	Total BTEX	
890-8455-3	SS 03	Total/NA	Solid	Total BTEX	
890-8455-4	SS 04	Total/NA	Solid	Total BTEX	
890-8455-5	SS 05	Total/NA	Solid	Total BTEX	
890-8455-6	SS 06	Total/NA	Solid	Total BTEX	
890-8455-7	SS 07	Total/NA	Solid	Total BTEX	
890-8455-8	SS 08	Total/NA	Solid	Total BTEX	
890-8455-9	SS 09	Total/NA	Solid	Total BTEX	
890-8455-10	SS 10	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Ensolum
Project/Site: Randy Federal #4

Job ID: 890-8455-1
SDG: 07A1988292

GC Semi VOA

Prep Batch: 114193

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8455-1	SS 01	Total/NA	Solid	8015NM Prep	
890-8455-2	SS 02	Total/NA	Solid	8015NM Prep	
890-8455-3	SS 03	Total/NA	Solid	8015NM Prep	
890-8455-4	SS 04	Total/NA	Solid	8015NM Prep	
890-8455-5	SS 05	Total/NA	Solid	8015NM Prep	
890-8455-6	SS 06	Total/NA	Solid	8015NM Prep	
890-8455-7	SS 07	Total/NA	Solid	8015NM Prep	
MB 880-114193/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-114193/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-114193/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-60368-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-60368-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 114302

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8455-8	SS 08	Total/NA	Solid	8015NM Prep	
890-8455-9	SS 09	Total/NA	Solid	8015NM Prep	
890-8455-10	SS 10	Total/NA	Solid	8015NM Prep	
MB 880-114302/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-114302/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-114302/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-8455-8 MS	SS 08	Total/NA	Solid	8015NM Prep	
890-8455-8 MSD	SS 08	Total/NA	Solid	8015NM Prep	

Analysis Batch: 114421

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8455-1	SS 01	Total/NA	Solid	8015B NM	114193
890-8455-2	SS 02	Total/NA	Solid	8015B NM	114193
890-8455-3	SS 03	Total/NA	Solid	8015B NM	114193
890-8455-4	SS 04	Total/NA	Solid	8015B NM	114193
890-8455-5	SS 05	Total/NA	Solid	8015B NM	114193
890-8455-6	SS 06	Total/NA	Solid	8015B NM	114193
890-8455-7	SS 07	Total/NA	Solid	8015B NM	114193
MB 880-114193/1-A	Method Blank	Total/NA	Solid	8015B NM	114193
LCS 880-114193/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	114193
LCSD 880-114193/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	114193
880-60368-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	114193
880-60368-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	114193

Analysis Batch: 114477

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8455-1	SS 01	Total/NA	Solid	8015 NM	
890-8455-2	SS 02	Total/NA	Solid	8015 NM	
890-8455-3	SS 03	Total/NA	Solid	8015 NM	
890-8455-4	SS 04	Total/NA	Solid	8015 NM	
890-8455-5	SS 05	Total/NA	Solid	8015 NM	
890-8455-6	SS 06	Total/NA	Solid	8015 NM	
890-8455-7	SS 07	Total/NA	Solid	8015 NM	
890-8455-8	SS 08	Total/NA	Solid	8015 NM	
890-8455-9	SS 09	Total/NA	Solid	8015 NM	
890-8455-10	SS 10	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Ensolum
Project/Site: Randy Federal #4

Job ID: 890-8455-1
SDG: 07A1988292

GC Semi VOA

Analysis Batch: 114531

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8455-8	SS 08	Total/NA	Solid	8015B NM	114302
890-8455-9	SS 09	Total/NA	Solid	8015B NM	114302
890-8455-10	SS 10	Total/NA	Solid	8015B NM	114302
MB 880-114302/1-A	Method Blank	Total/NA	Solid	8015B NM	114302
LCS 880-114302/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	114302
LCSD 880-114302/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	114302
890-8455-8 MS	SS 08	Total/NA	Solid	8015B NM	114302
890-8455-8 MSD	SS 08	Total/NA	Solid	8015B NM	114302

HPLC/IC

Leach Batch: 114334

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8455-1	SS 01	Soluble	Solid	DI Leach	
890-8455-2	SS 02	Soluble	Solid	DI Leach	
890-8455-3	SS 03	Soluble	Solid	DI Leach	
890-8455-4	SS 04	Soluble	Solid	DI Leach	
890-8455-5	SS 05	Soluble	Solid	DI Leach	
890-8455-6	SS 06	Soluble	Solid	DI Leach	
890-8455-7	SS 07	Soluble	Solid	DI Leach	
890-8455-8	SS 08	Soluble	Solid	DI Leach	
890-8455-9	SS 09	Soluble	Solid	DI Leach	
890-8455-10	SS 10	Soluble	Solid	DI Leach	
MB 880-114334/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-114334/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-114334/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-8455-3 MS	SS 03	Soluble	Solid	DI Leach	
890-8455-3 MSD	SS 03	Soluble	Solid	DI Leach	

Analysis Batch: 114388

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8455-1	SS 01	Soluble	Solid	300.0	114334
890-8455-2	SS 02	Soluble	Solid	300.0	114334
890-8455-3	SS 03	Soluble	Solid	300.0	114334
890-8455-4	SS 04	Soluble	Solid	300.0	114334
890-8455-5	SS 05	Soluble	Solid	300.0	114334
890-8455-6	SS 06	Soluble	Solid	300.0	114334
890-8455-7	SS 07	Soluble	Solid	300.0	114334
890-8455-8	SS 08	Soluble	Solid	300.0	114334
890-8455-9	SS 09	Soluble	Solid	300.0	114334
890-8455-10	SS 10	Soluble	Solid	300.0	114334
MB 880-114334/1-A	Method Blank	Soluble	Solid	300.0	114334
LCS 880-114334/2-A	Lab Control Sample	Soluble	Solid	300.0	114334
LCSD 880-114334/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	114334
890-8455-3 MS	SS 03	Soluble	Solid	300.0	114334
890-8455-3 MSD	SS 03	Soluble	Solid	300.0	114334

Lab Chronicle

Client: Ensolum
Project/Site: Randy Federal #4

Job ID: 890-8455-1
SDG: 07A1988292

Client Sample ID: SS 01
Date Collected: 07/16/25 11:06
Date Received: 07/16/25 14:15

Lab Sample ID: 890-8455-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	114313	07/17/25 08:08	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	114315	07/17/25 16:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			114454	07/17/25 16:13	SA	EET MID
Total/NA	Analysis	8015 NM		1			114477	07/17/25 22:34	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	114193	07/15/25 12:00	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	114421	07/17/25 22:34	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	114334	07/17/25 10:51	SI	EET MID
Soluble	Analysis	300.0		10			114388	07/17/25 20:32	CS	EET MID

Client Sample ID: SS 02
Date Collected: 07/16/25 11:08
Date Received: 07/16/25 14:15

Lab Sample ID: 890-8455-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	114313	07/17/25 08:08	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	114315	07/17/25 16:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			114454	07/17/25 16:33	SA	EET MID
Total/NA	Analysis	8015 NM		1			114477	07/17/25 22:51	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	114193	07/15/25 12:00	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	114421	07/17/25 22:51	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	114334	07/17/25 10:51	SI	EET MID
Soluble	Analysis	300.0		10			114388	07/17/25 20:38	CS	EET MID

Client Sample ID: SS 03
Date Collected: 07/16/25 11:09
Date Received: 07/16/25 14:15

Lab Sample ID: 890-8455-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	114313	07/17/25 08:08	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	114315	07/17/25 16:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			114454	07/17/25 16:53	SA	EET MID
Total/NA	Analysis	8015 NM		1			114477	07/17/25 23:07	SA	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	114193	07/15/25 12:00	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	114421	07/17/25 23:07	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	114334	07/17/25 10:51	SI	EET MID
Soluble	Analysis	300.0		10			114388	07/17/25 20:43	CS	EET MID

Client Sample ID: SS 04
Date Collected: 07/16/25 11:14
Date Received: 07/16/25 14:15

Lab Sample ID: 890-8455-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	114313	07/17/25 08:08	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	114315	07/17/25 17:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			114454	07/17/25 17:14	SA	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Ensolum
Project/Site: Randy Federal #4

Job ID: 890-8455-1
SDG: 07A1988292

Client Sample ID: SS 04

Lab Sample ID: 890-8455-4

Date Collected: 07/16/25 11:14
Matrix: Solid
Date Received: 07/16/25 14:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			114477	07/17/25 23:24	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	114193	07/15/25 12:00	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	114421	07/17/25 23:24	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	114334	07/17/25 10:51	SI	EET MID
Soluble	Analysis	300.0		5			114388	07/17/25 21:00	CS	EET MID

Client Sample ID: SS 05

Lab Sample ID: 890-8455-5

Date Collected: 07/16/25 11:17
Matrix: Solid
Date Received: 07/16/25 14:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	114313	07/17/25 08:08	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	114315	07/17/25 17:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			114454	07/17/25 17:34	SA	EET MID
Total/NA	Analysis	8015 NM		1			114477	07/17/25 23:40	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	114193	07/15/25 12:00	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	114421	07/17/25 23:40	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	114334	07/17/25 10:51	SI	EET MID
Soluble	Analysis	300.0		5			114388	07/17/25 21:06	CS	EET MID

Client Sample ID: SS 06

Lab Sample ID: 890-8455-6

Date Collected: 07/16/25 11:19
Matrix: Solid
Date Received: 07/16/25 14:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	114313	07/17/25 08:08	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	114315	07/17/25 17:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			114454	07/17/25 17:55	SA	EET MID
Total/NA	Analysis	8015 NM		1			114477	07/17/25 23:56	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	114193	07/15/25 12:00	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	114421	07/17/25 23:56	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	114334	07/17/25 10:51	SI	EET MID
Soluble	Analysis	300.0		10			114388	07/17/25 21:23	CS	EET MID

Client Sample ID: SS 07

Lab Sample ID: 890-8455-7

Date Collected: 07/16/25 11:24
Matrix: Solid
Date Received: 07/16/25 14:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	114313	07/17/25 08:08	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	114315	07/17/25 18:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			114454	07/17/25 18:15	SA	EET MID
Total/NA	Analysis	8015 NM		1			114477	07/18/25 00:13	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	114193	07/15/25 12:00	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	114421	07/18/25 00:13	TKC	EET MID

Lab Chronicle

Client: Ensolum
Project/Site: Randy Federal #4

Job ID: 890-8455-1
SDG: 07A1988292

Client Sample ID: SS 07

Date Collected: 07/16/25 11:24
Date Received: 07/16/25 14:15

Lab Sample ID: 890-8455-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	114334	07/17/25 10:51	SI	EET MID
Soluble	Analysis	300.0		10			114388	07/17/25 21:29	CS	EET MID

Client Sample ID: SS 08

Date Collected: 07/16/25 11:26
Date Received: 07/16/25 14:15

Lab Sample ID: 890-8455-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	114313	07/17/25 08:08	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	114315	07/17/25 18:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			114454	07/17/25 18:36	SA	EET MID
Total/NA	Analysis	8015 NM		1			114477	07/19/25 16:53	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	114302	07/17/25 07:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	114531	07/19/25 16:53	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	114334	07/17/25 10:51	SI	EET MID
Soluble	Analysis	300.0		5			114388	07/17/25 21:34	CS	EET MID

Client Sample ID: SS 09

Date Collected: 07/16/25 11:29
Date Received: 07/16/25 14:15

Lab Sample ID: 890-8455-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	114313	07/17/25 08:08	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	114315	07/17/25 18:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			114454	07/17/25 18:56	SA	EET MID
Total/NA	Analysis	8015 NM		1			114477	07/19/25 17:42	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	114302	07/17/25 07:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	114531	07/19/25 17:42	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	114334	07/17/25 10:51	SI	EET MID
Soluble	Analysis	300.0		10			114388	07/17/25 21:40	CS	EET MID

Client Sample ID: SS 10

Date Collected: 07/16/25 11:31
Date Received: 07/16/25 14:15

Lab Sample ID: 890-8455-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	114313	07/17/25 08:08	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	114315	07/17/25 19:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			114454	07/17/25 19:16	SA	EET MID
Total/NA	Analysis	8015 NM		1			114477	07/19/25 17:58	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	114302	07/17/25 07:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	114531	07/19/25 17:58	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	114334	07/17/25 10:51	SI	EET MID
Soluble	Analysis	300.0		20			114388	07/17/25 21:46	CS	EET MID

Lab Chronicle

Client: Ensolum
Project/Site: Randy Federal #4

Job ID: 890-8455-1
SDG: 07A1988292

Laboratory References:

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

Accreditation/Certification Summary

Client: Ensolum
Project/Site: Randy Federal #4

Job ID: 890-8455-1
SDG: 07A1988292

Laboratory: Eurofins Midland

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

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

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

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

Method Summary

Client: Ensolum
Project/Site: Randy Federal #4

Job ID: 890-8455-1
SDG: 07A1988292

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Ensolum
Project/Site: Randy Federal #4

Job ID: 890-8455-1
SDG: 07A1988292

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-8455-1	SS 01	Solid	07/16/25 11:06	07/16/25 14:15	0.5
890-8455-2	SS 02	Solid	07/16/25 11:08	07/16/25 14:15	0.5
890-8455-3	SS 03	Solid	07/16/25 11:09	07/16/25 14:15	0.5
890-8455-4	SS 04	Solid	07/16/25 11:14	07/16/25 14:15	0.5
890-8455-5	SS 05	Solid	07/16/25 11:17	07/16/25 14:15	0.5
890-8455-6	SS 06	Solid	07/16/25 11:19	07/16/25 14:15	0.5
890-8455-7	SS 07	Solid	07/16/25 11:24	07/16/25 14:15	0.5
890-8455-8	SS 08	Solid	07/16/25 11:26	07/16/25 14:15	0.5
890-8455-9	SS 09	Solid	07/16/25 11:29	07/16/25 14:15	0.5
890-8455-10	SS 10	Solid	07/16/25 11:31	07/16/25 14:15	0.5

eurofins | Environment Testing

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
Little Rock, AR (501) 224-5060

Work Order No: _____

Page 1 of 1

Project Manager:	Kalei Jennings	Bill to: (if different)	
Company Name:	Ensolum, LLC	Company Name:	Hilcorp / Attn: Billy Ginn
Address:	3122 National Parks Hwy.	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	817-683-2503	Email:	MSarkis@ensolum.com / kjennings@ensolum.com

Work Order Comments

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

Project Name:	Randy Federal #4	Turn Around	☑ Routine ☐ Rush
Project Number:	07A1988292	Due Date:	7/23/25
Project Location:	32.822790, -103.952124	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Mario Sarkis		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No	
Samples Received Intact:	(Yes) No	Thermometer ID:	INMet7	
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2	
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	4.4	
Total Containers:		Corrected Temperature:	4.2	

890-8455 Chain of Custody

Preservative Codes

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

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Parameters: BTEX	TPH	Chlorides	Sample Comments
SS01	S	7/16/25	1106	0.5	G	1	✓	✓	✓	
SS02	S		1108	0.5	G	1	✓	✓	✓	
SS03	S		1109	0.5	G	1	✓	✓	✓	
SS04	S		1114	0.5	G	1	✓	✓	✓	
SS05	S		1117	0.5	G	1	✓	✓	✓	
SS06	S		1119	0.5	G	1	✓	✓	✓	
SS07	S		1124	0.5	G	1	✓	✓	✓	
SS08	S		1126	0.5	G	1	✓	✓	✓	
SS09	S		1129	0.5	G	1	✓	✓	✓	
SS10	S		1131	0.5	G	1	✓	✓	✓	

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

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		7/16/25 1415	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-8455-1
SDG Number: 07A1988292

Login Number: 8455
List Number: 1
Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

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

Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-8455-1
SDG Number: 07A1988292

Login Number: 8455
List Number: 2
Creator: Laing, Edmundo

List Source: Eurofins Midland
List Creation: 07/17/25 07:34 AM

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

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Kalei Jennings
Ensolum
601 N. Marienfeld St.
Suite 400
Midland, Texas 79701

Generated 12/17/2025 9:43:47 AM

JOB DESCRIPTION

Randy Federal Booster Tranfer Station
07A1988292

JOB NUMBER

890-9232-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

my EOL

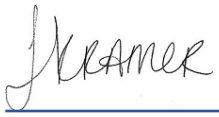
Eurofins Carlsbad

Job Notes

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

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

Authorization



Generated
12/17/2025 9:43:47 AM

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

Client: Ensolum
Project/Site: Randy Federal Booster Tranfer Station

Laboratory Job ID: 890-9232-1
SDG: 07A1988292

Table of Contents

Definitions/Glossary

Client: Ensolum Job ID: 890-9232-1
Project/Site: Randy Federal Booster Tranfer Station SDG: 07A1988292

Qualifiers

GC VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Case Narrative

Client: Ensolum Job ID: 890-9232-1
Project: Randy Federal Booster Tranfer Station

Job ID: 890-9232-1 Eurofins Carlsbad

Job Narrative
890-9232-1

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

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

Receipt
The samples were received on 12/12/2025 5:40 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 -0.2°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: DS01 (890-9232-1), DS02 (890-9232-2), DS03 (890-9232-3), DS04 (890-9232-4), DS05 (890-9232-5), DS06 (890-9232-6), DS07 (890-9232-7), DS08 (890-9232-8), DS09 (890-9232-9), DS10 (890-9232-10), DS11 (890-9232-11) and DS12 (890-9232-12).

GC VOA
Method 8021B: Surrogate recovery for the following sample was outside control limits: DS05 (890-9232-5). Evidence of matrix interferences is not obvious.

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

Diesel Range Organics
Method 8015MOD_NM: Surrogate recovery for the following sample was outside the upper control limit: DS03 (890-9232-3). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (890-9231-A-21-B MS). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-126762 and analytical batch 880-126803 recovered outside control limits for the following analytes: Diesel Range Organics (Over C10-C28).

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: DS04 (890-9232-4), DS05 (890-9232-5), DS06 (890-9232-6), DS10 (890-9232-10), DS11 (890-9232-11), DS12 (890-9232-12), (LCSD 880-126762/3-A), (890-9232-A-4-B MS) and (890-9232-A-4-C MSD). Evidence of matrix interferences is not obvious.

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

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

Client Sample Results

Client: Ensolum
Project/Site: Randy Federal Booster Tranfer Station

Job ID: 890-9232-1
SDG: 07A1988292

Client Sample ID: DS01

Lab Sample ID: 890-9232-1
Matrix: Solid
Date Collected: 12/12/25 12:00
Date Received: 12/12/25 17:40
Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00141	U	0.00202	0.00141	mg/Kg		12/16/25 08:00	12/16/25 14:42	1
Toluene	<0.00202	U	0.00202	0.00202	mg/Kg		12/16/25 08:00	12/16/25 14:42	1
Ethylbenzene	<0.00110	U	0.00202	0.00110	mg/Kg		12/16/25 08:00	12/16/25 14:42	1
m-Xylene & p-Xylene	<0.00231	U	0.00404	0.00231	mg/Kg		12/16/25 08:00	12/16/25 14:42	1
o-Xylene	<0.00160	U	0.00202	0.00160	mg/Kg		12/16/25 08:00	12/16/25 14:42	1
Xylenes, Total	<0.00231	U	0.00404	0.00231	mg/Kg		12/16/25 08:00	12/16/25 14:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*12/16/25 08:00*	*12/16/25 14:42*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*12/16/25 08:00*	*12/16/25 14:42*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00231	U	0.00404	0.00231	mg/Kg			12/16/25 14:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	50.0	15.1	mg/Kg			12/16/25 16:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	50.0	14.5	mg/Kg		12/15/25 17:00	12/16/25 16:54	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg		12/15/25 17:00	12/16/25 16:54	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		12/15/25 17:00	12/16/25 16:54	1
Total TPH	<15.1	U	50.0	15.1	mg/Kg		12/15/25 17:00	12/16/25 16:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*120*		*70 - 130*	*12/15/25 17:00*	*12/16/25 16:54*	*1*
o-Terphenyl	*118*		*70 - 130*	*12/15/25 17:00*	*12/16/25 16:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**26.1**		9.96	0.393	mg/Kg			12/16/25 11:23	1

Client Sample ID: DS02

Lab Sample ID: 890-9232-2
Matrix: Solid
Date Collected: 12/12/25 14:40
Date Received: 12/12/25 17:40
Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00138	U	0.00199	0.00138	mg/Kg		12/16/25 08:00	12/16/25 15:03	1
Toluene	<0.00199	U	0.00199	0.00199	mg/Kg		12/16/25 08:00	12/16/25 15:03	1
Ethylbenzene	<0.00108	U	0.00199	0.00108	mg/Kg		12/16/25 08:00	12/16/25 15:03	1
m-Xylene & p-Xylene	<0.00227	U	0.00398	0.00227	mg/Kg		12/16/25 08:00	12/16/25 15:03	1
o-Xylene	<0.00157	U	0.00199	0.00157	mg/Kg		12/16/25 08:00	12/16/25 15:03	1
Xylenes, Total	<0.00227	U	0.00398	0.00227	mg/Kg		12/16/25 08:00	12/16/25 15:03	1

Client Sample Results

Client: Ensolum
Project/Site: Randy Federal Booster Tranfer Station

Job ID: 890-9232-1
SDG: 07A1988292

Client Sample ID: DS02

Date Collected: 12/12/25 14:40
Date Received: 12/12/25 17:40
Sample Depth: 0.5

Lab Sample ID: 890-9232-2
Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*12/16/25 08:00*	*12/16/25 15:03*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*12/16/25 08:00*	*12/16/25 15:03*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00227	U	0.00398	0.00227	mg/Kg			12/16/25 15:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.2	U	50.2	15.2	mg/Kg			12/16/25 17:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.6	U	50.2	14.6	mg/Kg		12/15/25 17:00	12/16/25 17:09	1
Diesel Range Organics (Over C10-C28)	<15.2	U	50.2	15.2	mg/Kg		12/15/25 17:00	12/16/25 17:09	1
Oil Range Organics (Over C28-C36)	<15.2	U	50.2	15.2	mg/Kg		12/15/25 17:00	12/16/25 17:09	1
Total TPH	<15.2	U	50.2	15.2	mg/Kg		12/15/25 17:00	12/16/25 17:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	*122*		*70 - 130*	*12/15/25 17:00*	*12/16/25 17:09*	*1*
o-Terphenyl	*119*		*70 - 130*	*12/15/25 17:00*	*12/16/25 17:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**33.5**		9.92	0.392	mg/Kg			12/16/25 11:30	1

Client Sample ID: DS03

Date Collected: 12/12/25 14:45
Date Received: 12/12/25 17:40
Sample Depth: 0.5

Lab Sample ID: 890-9232-3
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		12/16/25 08:00	12/16/25 15:23	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		12/16/25 08:00	12/16/25 15:23	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		12/16/25 08:00	12/16/25 15:23	1
m-Xylene & p-Xylene	<0.00228	U	0.00399	0.00228	mg/Kg		12/16/25 08:00	12/16/25 15:23	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		12/16/25 08:00	12/16/25 15:23	1
Xylenes, Total	<0.00228	U	0.00399	0.00228	mg/Kg		12/16/25 08:00	12/16/25 15:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*12/16/25 08:00*	*12/16/25 15:23*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*12/16/25 08:00*	*12/16/25 15:23*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00228	U	0.00399	0.00228	mg/Kg			12/16/25 15:23	1

Client Sample Results

Client: Ensolum
Project/Site: Randy Federal Booster Tranfer Station

Job ID: 890-9232-1
SDG: 07A1988292

Client Sample ID: DS03

Lab Sample ID: 890-9232-3
Matrix: Solid
Date Collected: 12/12/25 14:45
Date Received: 12/12/25 17:40
Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.2	U	50.2	15.2	mg/Kg			12/16/25 17:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.6	U	50.2	14.6	mg/Kg		12/15/25 17:00	12/16/25 17:23	1
Diesel Range Organics (Over C10-C28)	<15.2	U	50.2	15.2	mg/Kg		12/15/25 17:00	12/16/25 17:23	1
Oil Range Organics (Over C28-C36)	<15.2	U	50.2	15.2	mg/Kg		12/15/25 17:00	12/16/25 17:23	1
Total TPH	<15.2	U	50.2	15.2	mg/Kg		12/15/25 17:00	12/16/25 17:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*125*		*70 - 130*	*12/15/25 17:00*	*12/16/25 17:23*	*1*
o-Terphenyl	*131*	*S1+*	*70 - 130*	*12/15/25 17:00*	*12/16/25 17:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**95.3**		10.1	0.398	mg/Kg			12/16/25 11:44	1

Client Sample ID: DS04

Lab Sample ID: 890-9232-4
Matrix: Solid
Date Collected: 12/12/25 14:50
Date Received: 12/12/25 17:40
Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00499**		0.00200	0.00139	mg/Kg		12/16/25 08:00	12/16/25 11:10	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		12/16/25 08:00	12/16/25 11:10	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		12/16/25 08:00	12/16/25 11:10	1
m-Xylene & p-Xylene	**0.00311**	**J**	0.00399	0.00228	mg/Kg		12/16/25 08:00	12/16/25 11:10	1
o-Xylene	**0.00305**		0.00200	0.00158	mg/Kg		12/16/25 08:00	12/16/25 11:10	1
Xylenes, Total	**0.00616**		0.00399	0.00228	mg/Kg		12/16/25 08:00	12/16/25 11:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*	*12/16/25 08:00*	*12/16/25 11:10*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*12/16/25 08:00*	*12/16/25 11:10*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0112**		0.00399	0.00228	mg/Kg			12/16/25 11:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.3	U	50.4	15.3	mg/Kg			12/16/25 14:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.6	U	50.4	14.6	mg/Kg		12/15/25 17:02	12/16/25 14:39	1
Diesel Range Organics (Over C10-C28)	<15.3	U *1	50.4	15.3	mg/Kg		12/15/25 17:02	12/16/25 14:39	1
Oil Range Organics (Over C28-C36)	<15.3	U	50.4	15.3	mg/Kg		12/15/25 17:02	12/16/25 14:39	1

Client Sample Results

Client: Ensolum
Project/Site: Randy Federal Booster Tranfer Station

Job ID: 890-9232-1
SDG: 07A1988292

Client Sample ID: DS04

Lab Sample ID: 890-9232-4
Matrix: Solid
Date Collected: 12/12/25 14:50
Date Received: 12/12/25 17:40
Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.3	U	50.4	15.3	mg/Kg		12/15/25 17:02	12/16/25 14:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*136*	*S1+*	*70 - 130*	*12/15/25 17:02*	*12/16/25 14:39*	*1*
o-Terphenyl	*126*		*70 - 130*	*12/15/25 17:02*	*12/16/25 14:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**728**		9.98	0.394	mg/Kg			12/16/25 11:51	1

Client Sample ID: DS05

Lab Sample ID: 890-9232-5
Matrix: Solid
Date Collected: 12/12/25 12:20
Date Received: 12/12/25 17:40
Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00140	U	0.00201	0.00140	mg/Kg		12/16/25 08:00	12/16/25 11:31	1
Toluene	<0.00201	U	0.00201	0.00201	mg/Kg		12/16/25 08:00	12/16/25 11:31	1
Ethylbenzene	<0.00109	U	0.00201	0.00109	mg/Kg		12/16/25 08:00	12/16/25 11:31	1
m-Xylene & p-Xylene	<0.00229	U	0.00402	0.00229	mg/Kg		12/16/25 08:00	12/16/25 11:31	1
o-Xylene	<0.00159	U	0.00201	0.00159	mg/Kg		12/16/25 08:00	12/16/25 11:31	1
Xylenes, Total	<0.00229	U	0.00402	0.00229	mg/Kg		12/16/25 08:00	12/16/25 11:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*65*	*S1-*	*70 - 130*	*12/16/25 08:00*	*12/16/25 11:31*	*1*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*	*12/16/25 08:00*	*12/16/25 11:31*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00229	U	0.00402	0.00229	mg/Kg			12/16/25 11:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**17.7**	**J**	49.9	15.1	mg/Kg			12/16/25 15:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**17.7**	**J**	49.9	14.5	mg/Kg		12/15/25 17:02	12/16/25 15:24	1
Diesel Range Organics (Over C10-C28)	<15.1	U *1	49.9	15.1	mg/Kg		12/15/25 17:02	12/16/25 15:24	1
Oil Range Organics (Over C28-C36)	<15.1	U	49.9	15.1	mg/Kg		12/15/25 17:02	12/16/25 15:24	1
Total TPH	**17.7**	**J**	49.9	15.1	mg/Kg		12/15/25 17:02	12/16/25 15:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*136*	*S1+*	*70 - 130*	*12/15/25 17:02*	*12/16/25 15:24*	*1*
o-Terphenyl	*141*	*S1+*	*70 - 130*	*12/15/25 17:02*	*12/16/25 15:24*	*1*

Client Sample Results

Client: Ensolum
Project/Site: Randy Federal Booster Tranfer Station

Job ID: 890-9232-1
SDG: 07A1988292

Client Sample ID: DS05

Lab Sample ID: 890-9232-5
Matrix: Solid
Date Collected: 12/12/25 12:20
Date Received: 12/12/25 17:40
Sample Depth: 0.5

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.39	J	9.92	0.392	mg/Kg			12/16/25 12:12	1

Client Sample ID: DS06

Lab Sample ID: 890-9232-6
Matrix: Solid
Date Collected: 12/12/25 12:25
Date Received: 12/12/25 17:40
Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00141	U	0.00202	0.00141	mg/Kg		12/16/25 08:00	12/16/25 11:51	1
Toluene	<0.00202	U	0.00202	0.00202	mg/Kg		12/16/25 08:00	12/16/25 11:51	1
Ethylbenzene	<0.00110	U	0.00202	0.00110	mg/Kg		12/16/25 08:00	12/16/25 11:51	1
m-Xylene & p-Xylene	<0.00231	U	0.00404	0.00231	mg/Kg		12/16/25 08:00	12/16/25 11:51	1
o-Xylene	<0.00160	U	0.00202	0.00160	mg/Kg		12/16/25 08:00	12/16/25 11:51	1
Xylenes, Total	<0.00231	U	0.00404	0.00231	mg/Kg		12/16/25 08:00	12/16/25 11:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*12/16/25 08:00*	*12/16/25 11:51*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*12/16/25 08:00*	*12/16/25 11:51*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00231	U	0.00404	0.00231	mg/Kg			12/16/25 11:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.3	U	50.5	15.3	mg/Kg			12/16/25 15:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.7	U	50.5	14.7	mg/Kg		12/15/25 17:02	12/16/25 15:39	1
Diesel Range Organics (Over C10-C28)	<15.3	U *1	50.5	15.3	mg/Kg		12/15/25 17:02	12/16/25 15:39	1
Oil Range Organics (Over C28-C36)	<15.3	U	50.5	15.3	mg/Kg		12/15/25 17:02	12/16/25 15:39	1
Total TPH	<15.3	U	50.5	15.3	mg/Kg		12/15/25 17:02	12/16/25 15:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*138*	*S1+*	*70 - 130*	*12/15/25 17:02*	*12/16/25 15:39*	*1*
o-Terphenyl	*135*	*S1+*	*70 - 130*	*12/15/25 17:02*	*12/16/25 15:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.0		10.0	0.397	mg/Kg			12/16/25 12:19	1

Client Sample Results

Client: Ensolum
Project/Site: Randy Federal Booster Tranfer Station

Job ID: 890-9232-1
SDG: 07A1988292

Client Sample ID: DS07

Lab Sample ID: 890-9232-7
Matrix: Solid
Date Collected: 12/12/25 14:55
Date Received: 12/12/25 17:40
Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00138	U	0.00199	0.00138	mg/Kg		12/16/25 08:00	12/16/25 12:12	1
Toluene	<0.00199	U	0.00199	0.00199	mg/Kg		12/16/25 08:00	12/16/25 12:12	1
Ethylbenzene	<0.00108	U	0.00199	0.00108	mg/Kg		12/16/25 08:00	12/16/25 12:12	1
m-Xylene & p-Xylene	<0.00227	U	0.00398	0.00227	mg/Kg		12/16/25 08:00	12/16/25 12:12	1
o-Xylene	<0.00157	U	0.00199	0.00157	mg/Kg		12/16/25 08:00	12/16/25 12:12	1
Xylenes, Total	<0.00227	U	0.00398	0.00227	mg/Kg		12/16/25 08:00	12/16/25 12:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*12/16/25 08:00*	*12/16/25 12:12*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*12/16/25 08:00*	*12/16/25 12:12*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00227	U	0.00398	0.00227	mg/Kg			12/16/25 12:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.3	U	50.5	15.3	mg/Kg			12/16/25 15:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.7	U	50.5	14.7	mg/Kg		12/15/25 17:02	12/16/25 15:54	1
Diesel Range Organics (Over C10-C28)	<15.3	U *1	50.5	15.3	mg/Kg		12/15/25 17:02	12/16/25 15:54	1
Oil Range Organics (Over C28-C36)	<15.3	U	50.5	15.3	mg/Kg		12/15/25 17:02	12/16/25 15:54	1
Total TPH	<15.3	U	50.5	15.3	mg/Kg		12/15/25 17:02	12/16/25 15:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*121*		*70 - 130*	*12/15/25 17:02*	*12/16/25 15:54*	*1*
o-Terphenyl	*121*		*70 - 130*	*12/15/25 17:02*	*12/16/25 15:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**12.8**		10.1	0.399	mg/Kg			12/16/25 12:40	1

Client Sample ID: DS08

Lab Sample ID: 890-9232-8
Matrix: Solid
Date Collected: 12/12/25 15:00
Date Received: 12/12/25 17:40
Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00252**		0.00198	0.00138	mg/Kg		12/16/25 08:00	12/16/25 12:32	1
Toluene	<0.00198	U	0.00198	0.00198	mg/Kg		12/16/25 08:00	12/16/25 12:32	1
Ethylbenzene	<0.00108	U	0.00198	0.00108	mg/Kg		12/16/25 08:00	12/16/25 12:32	1
m-Xylene & p-Xylene	<0.00226	U	0.00396	0.00226	mg/Kg		12/16/25 08:00	12/16/25 12:32	1
o-Xylene	<0.00157	U	0.00198	0.00157	mg/Kg		12/16/25 08:00	12/16/25 12:32	1
Xylenes, Total	<0.00226	U	0.00396	0.00226	mg/Kg		12/16/25 08:00	12/16/25 12:32	1

Client Sample Results

Client: Ensolum
Project/Site: Randy Federal Booster Tranfer Station

Job ID: 890-9232-1
SDG: 07A1988292

Client Sample ID: DS08

Lab Sample ID: 890-9232-8
Matrix: Solid
Date Collected: 12/12/25 15:00
Date Received: 12/12/25 17:40
Sample Depth: 0.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*12/16/25 08:00*	*12/16/25 12:32*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*12/16/25 08:00*	*12/16/25 12:32*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.00252**	**J**	0.00396	0.00226	mg/Kg			12/16/25 12:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	49.9	15.1	mg/Kg			12/16/25 16:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	49.9	14.5	mg/Kg		12/15/25 17:02	12/16/25 16:09	1
Diesel Range Organics (Over C10-C28)	<15.1	U *1	49.9	15.1	mg/Kg		12/15/25 17:02	12/16/25 16:09	1
Oil Range Organics (Over C28-C36)	<15.1	U	49.9	15.1	mg/Kg		12/15/25 17:02	12/16/25 16:09	1
Total TPH	<15.1	U	49.9	15.1	mg/Kg		12/15/25 17:02	12/16/25 16:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	*127*		*70 - 130*	*12/15/25 17:02*	*12/16/25 16:09*	*1*
o-Terphenyl	*125*		*70 - 130*	*12/15/25 17:02*	*12/16/25 16:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**70.8**		10.1	0.398	mg/Kg			12/16/25 12:47	1

Client Sample ID: DS09

Lab Sample ID: 890-9232-9
Matrix: Solid
Date Collected: 12/12/25 15:05
Date Received: 12/12/25 17:40
Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		12/16/25 08:00	12/16/25 12:53	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		12/16/25 08:00	12/16/25 12:53	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		12/16/25 08:00	12/16/25 12:53	1
m-Xylene & p-Xylene	<0.00228	U	0.00399	0.00228	mg/Kg		12/16/25 08:00	12/16/25 12:53	1
o-Xylene	**0.00161**	**J**	0.00200	0.00158	mg/Kg		12/16/25 08:00	12/16/25 12:53	1
Xylenes, Total	<0.00228	U	0.00399	0.00228	mg/Kg		12/16/25 08:00	12/16/25 12:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*12/16/25 08:00*	*12/16/25 12:53*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*12/16/25 08:00*	*12/16/25 12:53*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00228	U	0.00399	0.00228	mg/Kg			12/16/25 12:53	1

Client Sample Results

Client: Ensolum
Project/Site: Randy Federal Booster Tranfer Station

Job ID: 890-9232-1
SDG: 07A1988292

Client Sample ID: DS09

Lab Sample ID: 890-9232-9
Matrix: Solid
Date Collected: 12/12/25 15:05
Date Received: 12/12/25 17:40
Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	50.0	15.1	mg/Kg			12/16/25 16:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	50.0	14.5	mg/Kg		12/15/25 17:02	12/16/25 16:24	1
Diesel Range Organics (Over C10-C28)	<15.1	U *1	50.0	15.1	mg/Kg		12/15/25 17:02	12/16/25 16:24	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		12/15/25 17:02	12/16/25 16:24	1
Total TPH	<15.1	U	50.0	15.1	mg/Kg		12/15/25 17:02	12/16/25 16:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*129*		*70 - 130*	*12/15/25 17:02*	*12/16/25 16:24*	*1*
o-Terphenyl	*126*		*70 - 130*	*12/15/25 17:02*	*12/16/25 16:24*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**102**		10.1	0.397	mg/Kg			12/16/25 12:54	1

Client Sample ID: DS10

Lab Sample ID: 890-9232-10
Matrix: Solid
Date Collected: 12/12/25 15:10
Date Received: 12/12/25 17:40
Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00140	U	0.00201	0.00140	mg/Kg		12/16/25 08:00	12/16/25 13:13	1
Toluene	<0.00201	U	0.00201	0.00201	mg/Kg		12/16/25 08:00	12/16/25 13:13	1
Ethylbenzene	<0.00109	U	0.00201	0.00109	mg/Kg		12/16/25 08:00	12/16/25 13:13	1
m-Xylene & p-Xylene	<0.00229	U	0.00402	0.00229	mg/Kg		12/16/25 08:00	12/16/25 13:13	1
o-Xylene	<0.00159	U	0.00201	0.00159	mg/Kg		12/16/25 08:00	12/16/25 13:13	1
Xylenes, Total	<0.00229	U	0.00402	0.00229	mg/Kg		12/16/25 08:00	12/16/25 13:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*12/16/25 08:00*	*12/16/25 13:13*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*12/16/25 08:00*	*12/16/25 13:13*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00229	U	0.00402	0.00229	mg/Kg			12/16/25 13:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	50.0	15.1	mg/Kg			12/16/25 16:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	50.0	14.5	mg/Kg		12/15/25 17:02	12/16/25 16:39	1
Diesel Range Organics (Over C10-C28)	<15.1	U *1	50.0	15.1	mg/Kg		12/15/25 17:02	12/16/25 16:39	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		12/15/25 17:02	12/16/25 16:39	1

Eurofins Carlsbad

Client Sample Results

Client: Ensolum
Project/Site: Randy Federal Booster Tranfer Station

Job ID: 890-9232-1
SDG: 07A1988292

Client Sample ID: DS10

Lab Sample ID: 890-9232-10
Matrix: Solid
Date Collected: 12/12/25 15:10
Date Received: 12/12/25 17:40
Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	50.0	15.1	mg/Kg		12/15/25 17:02	12/16/25 16:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*266*	*S1+*	*70 - 130*	*12/15/25 17:02*	*12/16/25 16:39*	*1*
o-Terphenyl	*258*	*S1+*	*70 - 130*	*12/15/25 17:02*	*12/16/25 16:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**94.4**		10.0	0.397	mg/Kg			12/16/25 13:01	1

Client Sample ID: DS11

Lab Sample ID: 890-9232-11
Matrix: Solid
Date Collected: 12/12/25 12:50
Date Received: 12/12/25 17:40
Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00141	U	0.00202	0.00141	mg/Kg		12/16/25 08:00	12/16/25 13:34	1
Toluene	<0.00202	U	0.00202	0.00202	mg/Kg		12/16/25 08:00	12/16/25 13:34	1
Ethylbenzene	<0.00110	U	0.00202	0.00110	mg/Kg		12/16/25 08:00	12/16/25 13:34	1
m-Xylene & p-Xylene	<0.00231	U	0.00404	0.00231	mg/Kg		12/16/25 08:00	12/16/25 13:34	1
o-Xylene	<0.00160	U	0.00202	0.00160	mg/Kg		12/16/25 08:00	12/16/25 13:34	1
Xylenes, Total	<0.00231	U	0.00404	0.00231	mg/Kg		12/16/25 08:00	12/16/25 13:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*12/16/25 08:00*	*12/16/25 13:34*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*12/16/25 08:00*	*12/16/25 13:34*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00231	U	0.00404	0.00231	mg/Kg			12/16/25 13:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.2	U	50.1	15.2	mg/Kg			12/16/25 16:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.6	U	50.1	14.6	mg/Kg		12/15/25 17:02	12/16/25 16:54	1
Diesel Range Organics (Over C10-C28)	<15.2	U *1	50.1	15.2	mg/Kg		12/15/25 17:02	12/16/25 16:54	1
Oil Range Organics (Over C28-C36)	<15.2	U	50.1	15.2	mg/Kg		12/15/25 17:02	12/16/25 16:54	1
Total TPH	<15.2	U	50.1	15.2	mg/Kg		12/15/25 17:02	12/16/25 16:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*142*	*S1+*	*70 - 130*	*12/15/25 17:02*	*12/16/25 16:54*	*1*
o-Terphenyl	*146*	*S1+*	*70 - 130*	*12/15/25 17:02*	*12/16/25 16:54*	*1*

Client Sample Results

Client: Ensolum
Project/Site: Randy Federal Booster Tranfer Station

Job ID: 890-9232-1
SDG: 07A1988292

Client Sample ID: DS11

Lab Sample ID: 890-9232-11
Matrix: Solid

Date Collected: 12/12/25 12:50
Date Received: 12/12/25 17:40
Sample Depth: 0.5

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	159		10.1	0.398	mg/Kg			12/16/25 13:08	1

Client Sample ID: DS12

Lab Sample ID: 890-9232-12
Matrix: Solid

Date Collected: 12/12/25 12:55
Date Received: 12/12/25 17:40
Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00138	U	0.00199	0.00138	mg/Kg		12/16/25 08:00	12/16/25 13:54	1
Toluene	<0.00199	U	0.00199	0.00199	mg/Kg		12/16/25 08:00	12/16/25 13:54	1
Ethylbenzene	<0.00108	U	0.00199	0.00108	mg/Kg		12/16/25 08:00	12/16/25 13:54	1
m-Xylene & p-Xylene	<0.00227	U	0.00398	0.00227	mg/Kg		12/16/25 08:00	12/16/25 13:54	1
o-Xylene	<0.00157	U	0.00199	0.00157	mg/Kg		12/16/25 08:00	12/16/25 13:54	1
Xylenes, Total	<0.00227	U	0.00398	0.00227	mg/Kg		12/16/25 08:00	12/16/25 13:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*12/16/25 08:00*	*12/16/25 13:54*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*12/16/25 08:00*	*12/16/25 13:54*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00227	U	0.00398	0.00227	mg/Kg			12/16/25 13:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<15.1	U	50.1	15.1	mg/Kg			12/16/25 17:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	50.1	14.5	mg/Kg		12/15/25 17:02	12/16/25 17:09	1
Diesel Range Organics (Over C10-C28)	<15.1	U *1	50.1	15.1	mg/Kg		12/15/25 17:02	12/16/25 17:09	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.1	15.1	mg/Kg		12/15/25 17:02	12/16/25 17:09	1
Total TPH	<15.1	U	50.1	15.1	mg/Kg		12/15/25 17:02	12/16/25 17:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*131*	*S1+*	*70 - 130*	*12/15/25 17:02*	*12/16/25 17:09*	*1*
o-Terphenyl	*132*	*S1+*	*70 - 130*	*12/15/25 17:02*	*12/16/25 17:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	24.8		9.92	0.392	mg/Kg			12/16/25 13:15	1

Surrogate Summary

Client: Ensolum
Project/Site: Randy Federal Booster Tranfer Station

Job ID: 890-9232-1
SDG: 07A1988292

Method: 8021B - Volatile Organic Compounds (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-9231-A-21-G MS	Matrix Spike	105	95
890-9231-A-21-H MSD	Matrix Spike Duplicate	100	97
890-9232-1	DS01	105	100
890-9232-2	DS02	100	98
890-9232-3	DS03	108	100
890-9232-4	DS04	86	91
890-9232-4 MS	DS04	104	103
890-9232-4 MSD	DS04	97	101
890-9232-5	DS05	65 S1-	80
890-9232-6	DS06	97	95
890-9232-7	DS07	94	92
890-9232-8	DS08	105	98
890-9232-9	DS09	100	99
890-9232-10	DS10	98	102
890-9232-11	DS11	95	98
890-9232-12	DS12	107	95
LCS 880-126836/1-A	Lab Control Sample	101	99
LCS 880-126837/1-A	Lab Control Sample	89	101
LCSD 880-126836/2-A	Lab Control Sample Dup	112	101
LCSD 880-126837/2-A	Lab Control Sample Dup	101	96
MB 880-126836/5-A	Method Blank	102	96
MB 880-126837/5-A	Method Blank	94	91

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-9231-A-21-B MS	Matrix Spike	139 S1+	117
890-9231-A-21-C MSD	Matrix Spike Duplicate	118	118
890-9232-1	DS01	120	118
890-9232-2	DS02	122	119
890-9232-3	DS03	125	131 S1+
890-9232-4	DS04	136 S1+	126
890-9232-4 MS	DS04	121	145 S1+
890-9232-4 MSD	DS04	121	134 S1+
890-9232-5	DS05	136 S1+	141 S1+
890-9232-6	DS06	138 S1+	135 S1+
890-9232-7	DS07	121	121
890-9232-8	DS08	127	125
890-9232-9	DS09	129	126
890-9232-10	DS10	266 S1+	258 S1+
890-9232-11	DS11	142 S1+	146 S1+
890-9232-12	DS12	131 S1+	132 S1+
LCS 880-126761/2-A	Lab Control Sample	119	120

Surrogate Summary

Client: Ensolum Job ID: 890-9232-1
Project/Site: Randy Federal Booster Tranfer Station SDG: 07A1988292

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

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

		Percent Surrogate Recovery (Acceptance Limits)									
		1CO1	OTPH1								
Lab Sample ID	Client Sample ID	(70-130)	(70-130)								
LCS 880-126762/2-A	Lab Control Sample	116	103								
LCSD 880-126761/3-A	Lab Control Sample Dup	124	127								
LCSD 880-126762/3-A	Lab Control Sample Dup	117	134 S1+								
MB 880-126761/1-A	Method Blank	112	107								
MB 880-126762/1-A	Method Blank	126	144 S1+								

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Ensolum
Project/Site: Randy Federal Booster Tranfer Station

Job ID: 890-9232-1
SDG: 07A1988292

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-126836/5-A
Matrix: Solid
Analysis Batch: 126787

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 126836

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		12/16/25 08:00	12/16/25 10:48	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		12/16/25 08:00	12/16/25 10:48	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		12/16/25 08:00	12/16/25 10:48	1
m-Xylene & p-Xylene	<0.00229	U	0.00400	0.00229	mg/Kg		12/16/25 08:00	12/16/25 10:48	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		12/16/25 08:00	12/16/25 10:48	1
Xylenes, Total	<0.00229	U	0.00400	0.00229	mg/Kg		12/16/25 08:00	12/16/25 10:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*12/16/25 08:00*	*12/16/25 10:48*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*12/16/25 08:00*	*12/16/25 10:48*	*1*

Lab Sample ID: LCS 880-126836/1-A
Matrix: Solid
Analysis Batch: 126787

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 126836

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1042		mg/Kg		104	70 - 130		
Toluene			0.100	0.1018		mg/Kg		102	70 - 130		
Ethylbenzene			0.100	0.1087		mg/Kg		109	70 - 130		
m-Xylene & p-Xylene			0.200	0.2084		mg/Kg		104	70 - 130		
o-Xylene			0.100	0.1016		mg/Kg		102	70 - 130		

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

Lab Sample ID: LCSD 880-126836/2-A
Matrix: Solid
Analysis Batch: 126787

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 126836

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09826		mg/Kg		98	70 - 130	6	35
Toluene			0.100	0.1001		mg/Kg		100	70 - 130	2	35
Ethylbenzene			0.100	0.1068		mg/Kg		107	70 - 130	2	35
m-Xylene & p-Xylene			0.200	0.2108		mg/Kg		105	70 - 130	1	35
o-Xylene			0.100	0.1007		mg/Kg		101	70 - 130	1	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: 890-9232-4 MS
Matrix: Solid
Analysis Batch: 126787

Client Sample ID: DS04
Prep Type: Total/NA
Prep Batch: 126836

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	0.00499		0.100	0.09542		mg/Kg		90	70 - 130		
Toluene	<0.00200	U	0.100	0.09824		mg/Kg		98	70 - 130		

QC Sample Results

Client: Ensolum
Project/Site: Randy Federal Booster Tranfer Station

Job ID: 890-9232-1
SDG: 07A1988292

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

Lab Sample ID: 890-9232-4 MS
Matrix: Solid
Analysis Batch: 126787

Client Sample ID: DS04
Prep Type: Total/NA
Prep Batch: 126836

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00109	U	0.100	0.1048		mg/Kg		105	70 - 130
m-Xylene & p-Xylene	0.00311	J	0.200	0.2046		mg/Kg		101	70 - 130
o-Xylene	0.00305		0.100	0.1026		mg/Kg		100	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*

Lab Sample ID: 890-9232-4 MSD
Matrix: Solid
Analysis Batch: 126787

Client Sample ID: DS04
Prep Type: Total/NA
Prep Batch: 126836

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.00499		0.100	0.09513		mg/Kg		90	70 - 130	0	35
Toluene	<0.00200	U	0.100	0.09081		mg/Kg		91	70 - 130	8	35
Ethylbenzene	<0.00109	U	0.100	0.09596		mg/Kg		96	70 - 130	9	35
m-Xylene & p-Xylene	0.00311	J	0.200	0.1885		mg/Kg		93	70 - 130	8	35
o-Xylene	0.00305		0.100	0.09334		mg/Kg		90	70 - 130	9	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: MB 880-126837/5-A
Matrix: Solid
Analysis Batch: 126789

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 126837

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		12/16/25 08:00	12/16/25 11:01	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		12/16/25 08:00	12/16/25 11:01	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		12/16/25 08:00	12/16/25 11:01	1
m-Xylene & p-Xylene	<0.00229	U	0.00400	0.00229	mg/Kg		12/16/25 08:00	12/16/25 11:01	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		12/16/25 08:00	12/16/25 11:01	1
Xylenes, Total	<0.00229	U	0.00400	0.00229	mg/Kg		12/16/25 08:00	12/16/25 11:01	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*12/16/25 08:00*	*12/16/25 11:01*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*12/16/25 08:00*	*12/16/25 11:01*	*1*

Lab Sample ID: LCS 880-126837/1-A
Matrix: Solid
Analysis Batch: 126789

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 126837

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1058		mg/Kg		106	70 - 130
Toluene	0.100	0.09015		mg/Kg		90	70 - 130
Ethylbenzene	0.100	0.09289		mg/Kg		93	70 - 130
m-Xylene & p-Xylene	0.200	0.1822		mg/Kg		91	70 - 130

QC Sample Results

Client: Ensolum
Project/Site: Randy Federal Booster Tranfer Station

Job ID: 890-9232-1
SDG: 07A1988292

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

Lab Sample ID: LCS 880-126837/1-A
Matrix: Solid
Analysis Batch: 126789

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 126837

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
o-Xylene			0.100	0.09150		mg/Kg		91	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: LCSD 880-126837/2-A
Matrix: Solid
Analysis Batch: 126789

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 126837

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09865		mg/Kg		99	70 - 130	7	35
Toluene			0.100	0.09508		mg/Kg		95	70 - 130	5	35
Ethylbenzene			0.100	0.1017		mg/Kg		102	70 - 130	9	35
m-Xylene & p-Xylene			0.200	0.2035		mg/Kg		102	70 - 130	11	35
o-Xylene			0.100	0.1024		mg/Kg		102	70 - 130	11	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*

Lab Sample ID: 890-9231-A-21-G MS
Matrix: Solid
Analysis Batch: 126789

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 126837

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00139	U	0.100	0.08210		mg/Kg		82	70 - 130		
Toluene	<0.00200	U	0.100	0.07905		mg/Kg		79	70 - 130		
Ethylbenzene	<0.00109	U	0.100	0.08355		mg/Kg		84	70 - 130		
m-Xylene & p-Xylene	<0.00228	U	0.200	0.1640		mg/Kg		82	70 - 130		
o-Xylene	<0.00158	U	0.100	0.08327		mg/Kg		83	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*

Lab Sample ID: 890-9231-A-21-H MSD
Matrix: Solid
Analysis Batch: 126789

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 126837

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00139	U	0.100	0.09073		mg/Kg		91	70 - 130	10	35
Toluene	<0.00200	U	0.100	0.08204		mg/Kg		82	70 - 130	4	35
Ethylbenzene	<0.00109	U	0.100	0.08109		mg/Kg		81	70 - 130	3	35
m-Xylene & p-Xylene	<0.00228	U	0.200	0.1597		mg/Kg		80	70 - 130	3	35
o-Xylene	<0.00158	U	0.100	0.08234		mg/Kg		82	70 - 130	1	35

QC Sample Results

Client: Ensolum
Project/Site: Randy Federal Booster Tranfer Station

Job ID: 890-9232-1
SDG: 07A1988292

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

Lab Sample ID: 890-9231-A-21-H MSD
Matrix: Solid
Analysis Batch: 126789

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 126837

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

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

Lab Sample ID: MB 880-126761/1-A
Matrix: Solid
Analysis Batch: 126801

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 126761

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	50.0	14.5	mg/Kg		12/15/25 17:00	12/16/25 06:51	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg		12/15/25 17:00	12/16/25 06:51	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		12/15/25 17:00	12/16/25 06:51	1
Total TPH	<15.1	U	50.0	15.1	mg/Kg		12/15/25 17:00	12/16/25 06:51	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130	12/15/25 17:00	12/16/25 06:51	1
o-Terphenyl	107		70 - 130	12/15/25 17:00	12/16/25 06:51	1

Lab Sample ID: LCS 880-126761/2-A
Matrix: Solid
Analysis Batch: 126801

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 126761

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	951.9		mg/Kg		95	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	960.5		mg/Kg		96	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	119		70 - 130
o-Terphenyl	120		70 - 130

Lab Sample ID: LCSD 880-126761/3-A
Matrix: Solid
Analysis Batch: 126801

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 126761

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	974.6		mg/Kg		97	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	1015		mg/Kg		102	70 - 130	6	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	124		70 - 130
o-Terphenyl	127		70 - 130

QC Sample Results

Client: Ensolum
Project/Site: Randy Federal Booster Tranfer Station

Job ID: 890-9232-1
SDG: 07A1988292

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

Lab Sample ID: 890-9231-A-21-B MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 126801 — **Prep Batch: 126761**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	1000	755.7		mg/Kg		76	70 - 130
Diesel Range Organics (Over C10-C28)	15.5	J	1000	759.6		mg/Kg		74	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*139*	*S1+*	*70 - 130*
o-Terphenyl	*117*		*70 - 130*

Lab Sample ID: 890-9231-A-21-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 126801 — **Prep Batch: 126761**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	1000	795.5		mg/Kg		80	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	15.5	J	1000	837.2		mg/Kg		82	70 - 130	10	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*118*		*70 - 130*
o-Terphenyl	*118*		*70 - 130*

Lab Sample ID: MB 880-126762/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 126803 — **Prep Batch: 126762**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	50.0	14.5	mg/Kg		12/15/25 17:01	12/16/25 12:49	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg		12/15/25 17:01	12/16/25 12:49	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		12/15/25 17:01	12/16/25 12:49	1
Total TPH	<15.1	U	50.0	15.1	mg/Kg		12/15/25 17:01	12/16/25 12:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*126*		*70 - 130*	*12/15/25 17:01*	*12/16/25 12:49*	*1*
o-Terphenyl	*144*	*S1+*	*70 - 130*	*12/15/25 17:01*	*12/16/25 12:49*	*1*

Lab Sample ID: LCS 880-126762/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 126803 — **Prep Batch: 126762**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	978.5		mg/Kg		98	70 - 130
Diesel Range Organics (Over C10-C28)	1000	878.4		mg/Kg		88	70 - 130

QC Sample Results

Client: Ensolum
Project/Site: Randy Federal Booster Tranfer Station

Job ID: 890-9232-1
SDG: 07A1988292

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

Lab Sample ID: LCS 880-126762/2-A
Matrix: Solid
Analysis Batch: 126803

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 126762

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	116		70 - 130
o-Terphenyl	103		70 - 130

Lab Sample ID: LCSD 880-126762/3-A
Matrix: Solid
Analysis Batch: 126803

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 126762

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1062		mg/Kg		106	70 - 130	8	20
Diesel Range Organics (Over C10-C28)			1000	1291	*1	mg/Kg		129	70 - 130	38	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	117		70 - 130
o-Terphenyl	134	S1+	70 - 130

Lab Sample ID: 890-9232-4 MS
Matrix: Solid
Analysis Batch: 126803

Client Sample ID: DS04
Prep Type: Total/NA
Prep Batch: 126762

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<14.6	U	996	863.7		mg/Kg		87	70 - 130		
Diesel Range Organics (Over C10-C28)	<15.3	U *1	996	1074		mg/Kg		108	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	121		70 - 130
o-Terphenyl	145	S1+	70 - 130

Lab Sample ID: 890-9232-4 MSD
Matrix: Solid
Analysis Batch: 126803

Client Sample ID: DS04
Prep Type: Total/NA
Prep Batch: 126762

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<14.6	U	996	861.5		mg/Kg		86	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<15.3	U *1	996	1019		mg/Kg		102	70 - 130	5	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	121		70 - 130
o-Terphenyl	134	S1+	70 - 130

QC Sample Results

Client: Ensolum
Project/Site: Randy Federal Booster Tranfer Station

Job ID: 890-9232-1
SDG: 07A1988292

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-126777/1-A
Matrix: Solid
Analysis Batch: 126797

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.395	U	10.0	0.395	mg/Kg			12/16/25 09:27	1

Lab Sample ID: LCS 880-126777/2-A
Matrix: Solid
Analysis Batch: 126797

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	255.0		mg/Kg		102	90 - 110		

Lab Sample ID: LCSD 880-126777/3-A
Matrix: Solid
Analysis Batch: 126797

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	243.8		mg/Kg		98	90 - 110	5	20

Lab Sample ID: 890-9232-4 MS
Matrix: Solid
Analysis Batch: 126797

Client Sample ID: DS04
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	728		250	958.8		mg/Kg		92	90 - 110		

Lab Sample ID: 890-9232-4 MSD
Matrix: Solid
Analysis Batch: 126797

Client Sample ID: DS04
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	728		250	954.4		mg/Kg		91	90 - 110	0	20

QC Association Summary

Client: Ensolum
Project/Site: Randy Federal Booster Tranfer Station

Job ID: 890-9232-1
SDG: 07A1988292

GC VOA

Analysis Batch: 126787

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9232-4	DS04	Total/NA	Solid	8021B	126836
890-9232-5	DS05	Total/NA	Solid	8021B	126836
890-9232-6	DS06	Total/NA	Solid	8021B	126836
890-9232-7	DS07	Total/NA	Solid	8021B	126836
890-9232-8	DS08	Total/NA	Solid	8021B	126836
890-9232-9	DS09	Total/NA	Solid	8021B	126836
890-9232-10	DS10	Total/NA	Solid	8021B	126836
890-9232-11	DS11	Total/NA	Solid	8021B	126836
890-9232-12	DS12	Total/NA	Solid	8021B	126836
MB 880-126836/5-A	Method Blank	Total/NA	Solid	8021B	126836
LCS 880-126836/1-A	Lab Control Sample	Total/NA	Solid	8021B	126836
LCSD 880-126836/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	126836
890-9232-4 MS	DS04	Total/NA	Solid	8021B	126836
890-9232-4 MSD	DS04	Total/NA	Solid	8021B	126836

Analysis Batch: 126789

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9232-1	DS01	Total/NA	Solid	8021B	126837
890-9232-2	DS02	Total/NA	Solid	8021B	126837
890-9232-3	DS03	Total/NA	Solid	8021B	126837
MB 880-126837/5-A	Method Blank	Total/NA	Solid	8021B	126837
LCS 880-126837/1-A	Lab Control Sample	Total/NA	Solid	8021B	126837
LCSD 880-126837/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	126837
890-9231-A-21-G MS	Matrix Spike	Total/NA	Solid	8021B	126837
890-9231-A-21-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	126837

Prep Batch: 126836

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9232-4	DS04	Total/NA	Solid	5035	
890-9232-5	DS05	Total/NA	Solid	5035	
890-9232-6	DS06	Total/NA	Solid	5035	
890-9232-7	DS07	Total/NA	Solid	5035	
890-9232-8	DS08	Total/NA	Solid	5035	
890-9232-9	DS09	Total/NA	Solid	5035	
890-9232-10	DS10	Total/NA	Solid	5035	
890-9232-11	DS11	Total/NA	Solid	5035	
890-9232-12	DS12	Total/NA	Solid	5035	
MB 880-126836/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-126836/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-126836/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9232-4 MS	DS04	Total/NA	Solid	5035	
890-9232-4 MSD	DS04	Total/NA	Solid	5035	

Prep Batch: 126837

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9232-1	DS01	Total/NA	Solid	5035	
890-9232-2	DS02	Total/NA	Solid	5035	
890-9232-3	DS03	Total/NA	Solid	5035	
MB 880-126837/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-126837/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-126837/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

QC Association Summary

Client: Ensolum
Project/Site: Randy Federal Booster Tranfer Station

Job ID: 890-9232-1
SDG: 07A1988292

GC VOA (Continued)

Prep Batch: 126837 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9231-A-21-G MS	Matrix Spike	Total/NA	Solid	5035	
890-9231-A-21-H MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 126884

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9232-1	DS01	Total/NA	Solid	Total BTEX	
890-9232-2	DS02	Total/NA	Solid	Total BTEX	
890-9232-3	DS03	Total/NA	Solid	Total BTEX	
890-9232-4	DS04	Total/NA	Solid	Total BTEX	
890-9232-5	DS05	Total/NA	Solid	Total BTEX	
890-9232-6	DS06	Total/NA	Solid	Total BTEX	
890-9232-7	DS07	Total/NA	Solid	Total BTEX	
890-9232-8	DS08	Total/NA	Solid	Total BTEX	
890-9232-9	DS09	Total/NA	Solid	Total BTEX	
890-9232-10	DS10	Total/NA	Solid	Total BTEX	
890-9232-11	DS11	Total/NA	Solid	Total BTEX	
890-9232-12	DS12	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 126761

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9232-1	DS01	Total/NA	Solid	8015NM Prep	
890-9232-2	DS02	Total/NA	Solid	8015NM Prep	
890-9232-3	DS03	Total/NA	Solid	8015NM Prep	
MB 880-126761/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-126761/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-126761/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9231-A-21-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-9231-A-21-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 126762

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9232-4	DS04	Total/NA	Solid	8015NM Prep	
890-9232-5	DS05	Total/NA	Solid	8015NM Prep	
890-9232-6	DS06	Total/NA	Solid	8015NM Prep	
890-9232-7	DS07	Total/NA	Solid	8015NM Prep	
890-9232-8	DS08	Total/NA	Solid	8015NM Prep	
890-9232-9	DS09	Total/NA	Solid	8015NM Prep	
890-9232-10	DS10	Total/NA	Solid	8015NM Prep	
890-9232-11	DS11	Total/NA	Solid	8015NM Prep	
890-9232-12	DS12	Total/NA	Solid	8015NM Prep	
MB 880-126762/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-126762/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-126762/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9232-4 MS	DS04	Total/NA	Solid	8015NM Prep	
890-9232-4 MSD	DS04	Total/NA	Solid	8015NM Prep	

Analysis Batch: 126801

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9232-1	DS01	Total/NA	Solid	8015B NM	126761

QC Association Summary

Client: Ensolum
Project/Site: Randy Federal Booster Tranfer Station

Job ID: 890-9232-1
SDG: 07A1988292

GC Semi VOA (Continued)

Analysis Batch: 126801 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9232-2	DS02	Total/NA	Solid	8015B NM	126761
890-9232-3	DS03	Total/NA	Solid	8015B NM	126761
MB 880-126761/1-A	Method Blank	Total/NA	Solid	8015B NM	126761
LCS 880-126761/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	126761
LCSD 880-126761/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	126761
890-9231-A-21-B MS	Matrix Spike	Total/NA	Solid	8015B NM	126761
890-9231-A-21-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	126761

Analysis Batch: 126803

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9232-4	DS04	Total/NA	Solid	8015B NM	126762
890-9232-5	DS05	Total/NA	Solid	8015B NM	126762
890-9232-6	DS06	Total/NA	Solid	8015B NM	126762
890-9232-7	DS07	Total/NA	Solid	8015B NM	126762
890-9232-8	DS08	Total/NA	Solid	8015B NM	126762
890-9232-9	DS09	Total/NA	Solid	8015B NM	126762
890-9232-10	DS10	Total/NA	Solid	8015B NM	126762
890-9232-11	DS11	Total/NA	Solid	8015B NM	126762
890-9232-12	DS12	Total/NA	Solid	8015B NM	126762
MB 880-126762/1-A	Method Blank	Total/NA	Solid	8015B NM	126762
LCS 880-126762/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	126762
LCSD 880-126762/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	126762
890-9232-4 MS	DS04	Total/NA	Solid	8015B NM	126762
890-9232-4 MSD	DS04	Total/NA	Solid	8015B NM	126762

Analysis Batch: 126909

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9232-1	DS01	Total/NA	Solid	8015 NM	
890-9232-2	DS02	Total/NA	Solid	8015 NM	
890-9232-3	DS03	Total/NA	Solid	8015 NM	
890-9232-4	DS04	Total/NA	Solid	8015 NM	
890-9232-5	DS05	Total/NA	Solid	8015 NM	
890-9232-6	DS06	Total/NA	Solid	8015 NM	
890-9232-7	DS07	Total/NA	Solid	8015 NM	
890-9232-8	DS08	Total/NA	Solid	8015 NM	
890-9232-9	DS09	Total/NA	Solid	8015 NM	
890-9232-10	DS10	Total/NA	Solid	8015 NM	
890-9232-11	DS11	Total/NA	Solid	8015 NM	
890-9232-12	DS12	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 126777

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9232-1	DS01	Soluble	Solid	DI Leach	
890-9232-2	DS02	Soluble	Solid	DI Leach	
890-9232-3	DS03	Soluble	Solid	DI Leach	
890-9232-4	DS04	Soluble	Solid	DI Leach	
890-9232-5	DS05	Soluble	Solid	DI Leach	
890-9232-6	DS06	Soluble	Solid	DI Leach	
890-9232-7	DS07	Soluble	Solid	DI Leach	

QC Association Summary

Client: Ensolum
Project/Site: Randy Federal Booster Tranfer Station

Job ID: 890-9232-1
SDG: 07A1988292

HPLC/IC (Continued)

Leach Batch: 126777 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9232-8	DS08	Soluble	Solid	DI Leach	
890-9232-9	DS09	Soluble	Solid	DI Leach	
890-9232-10	DS10	Soluble	Solid	DI Leach	
890-9232-11	DS11	Soluble	Solid	DI Leach	
890-9232-12	DS12	Soluble	Solid	DI Leach	
MB 880-126777/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-126777/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-126777/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9232-4 MS	DS04	Soluble	Solid	DI Leach	
890-9232-4 MSD	DS04	Soluble	Solid	DI Leach	

Analysis Batch: 126797

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9232-1	DS01	Soluble	Solid	300.0	126777
890-9232-2	DS02	Soluble	Solid	300.0	126777
890-9232-3	DS03	Soluble	Solid	300.0	126777
890-9232-4	DS04	Soluble	Solid	300.0	126777
890-9232-5	DS05	Soluble	Solid	300.0	126777
890-9232-6	DS06	Soluble	Solid	300.0	126777
890-9232-7	DS07	Soluble	Solid	300.0	126777
890-9232-8	DS08	Soluble	Solid	300.0	126777
890-9232-9	DS09	Soluble	Solid	300.0	126777
890-9232-10	DS10	Soluble	Solid	300.0	126777
890-9232-11	DS11	Soluble	Solid	300.0	126777
890-9232-12	DS12	Soluble	Solid	300.0	126777
MB 880-126777/1-A	Method Blank	Soluble	Solid	300.0	126777
LCS 880-126777/2-A	Lab Control Sample	Soluble	Solid	300.0	126777
LCSD 880-126777/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	126777
890-9232-4 MS	DS04	Soluble	Solid	300.0	126777
890-9232-4 MSD	DS04	Soluble	Solid	300.0	126777

Lab Chronicle

Client: Ensolum
Project/Site: Randy Federal Booster Tranfer Station

Job ID: 890-9232-1
SDG: 07A1988292

Client Sample ID: DS01
Date Collected: 12/12/25 12:00
Date Received: 12/12/25 17:40

Lab Sample ID: 890-9232-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	126837	12/16/25 08:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126789	12/16/25 14:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126884	12/16/25 14:42	SA	EET MID
Total/NA	Analysis	8015 NM		1			126909	12/16/25 16:54	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	126761	12/15/25 17:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126801	12/16/25 16:54	SA	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	126777	12/16/25 06:03	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	126797	12/16/25 11:23	CS	EET MID

Client Sample ID: DS02
Date Collected: 12/12/25 14:40
Date Received: 12/12/25 17:40

Lab Sample ID: 890-9232-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	126837	12/16/25 08:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126789	12/16/25 15:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126884	12/16/25 15:03	SA	EET MID
Total/NA	Analysis	8015 NM		1			126909	12/16/25 17:09	SA	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10.00 mL	126761	12/15/25 17:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126801	12/16/25 17:09	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	126777	12/16/25 06:03	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	126797	12/16/25 11:30	CS	EET MID

Client Sample ID: DS03
Date Collected: 12/12/25 14:45
Date Received: 12/12/25 17:40

Lab Sample ID: 890-9232-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	126837	12/16/25 08:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126789	12/16/25 15:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126884	12/16/25 15:23	SA	EET MID
Total/NA	Analysis	8015 NM		1			126909	12/16/25 17:23	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	126761	12/15/25 17:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126801	12/16/25 17:23	SA	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	126777	12/16/25 06:03	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	126797	12/16/25 11:44	CS	EET MID

Client Sample ID: DS04
Date Collected: 12/12/25 14:50
Date Received: 12/12/25 17:40

Lab Sample ID: 890-9232-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	126836	12/16/25 08:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126787	12/16/25 11:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126884	12/16/25 11:10	SA	EET MID

Lab Chronicle

Client: Ensolum
Project/Site: Randy Federal Booster Tranfer Station

Job ID: 890-9232-1
SDG: 07A1988292

Client Sample ID: DS04
Date Collected: 12/12/25 14:50
Date Received: 12/12/25 17:40

Lab Sample ID: 890-9232-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			126909	12/16/25 14:39	SA	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10.00 mL	126762	12/15/25 17:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126803	12/16/25 14:39	SA	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	126777	12/16/25 06:03	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	126797	12/16/25 11:51	CS	EET MID

Client Sample ID: DS05
Date Collected: 12/12/25 12:20
Date Received: 12/12/25 17:40

Lab Sample ID: 890-9232-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	126836	12/16/25 08:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126787	12/16/25 11:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126884	12/16/25 11:31	SA	EET MID
Total/NA	Analysis	8015 NM		1			126909	12/16/25 15:24	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	126762	12/15/25 17:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126803	12/16/25 15:24	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	126777	12/16/25 06:03	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	126797	12/16/25 12:12	CS	EET MID

Client Sample ID: DS06
Date Collected: 12/12/25 12:25
Date Received: 12/12/25 17:40

Lab Sample ID: 890-9232-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	126836	12/16/25 08:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126787	12/16/25 11:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126884	12/16/25 11:51	SA	EET MID
Total/NA	Analysis	8015 NM		1			126909	12/16/25 15:39	SA	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10.00 mL	126762	12/15/25 17:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126803	12/16/25 15:39	SA	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	126777	12/16/25 06:03	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	126797	12/16/25 12:19	CS	EET MID

Client Sample ID: DS07
Date Collected: 12/12/25 14:55
Date Received: 12/12/25 17:40

Lab Sample ID: 890-9232-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	126836	12/16/25 08:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126787	12/16/25 12:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126884	12/16/25 12:12	SA	EET MID
Total/NA	Analysis	8015 NM		1			126909	12/16/25 15:54	SA	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10.00 mL	126762	12/15/25 17:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126803	12/16/25 15:54	SA	EET MID

Lab Chronicle

Client: Ensolum
Project/Site: Randy Federal Booster Tranfer Station

Job ID: 890-9232-1
SDG: 07A1988292

Client Sample ID: DS07

Date Collected: 12/12/25 14:55
Date Received: 12/12/25 17:40

Lab Sample ID: 890-9232-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.95 g	50 mL	126777	12/16/25 06:03	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	126797	12/16/25 12:40	CS	EET MID

Client Sample ID: DS08

Date Collected: 12/12/25 15:00
Date Received: 12/12/25 17:40

Lab Sample ID: 890-9232-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	126836	12/16/25 08:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126787	12/16/25 12:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126884	12/16/25 12:32	SA	EET MID
Total/NA	Analysis	8015 NM		1			126909	12/16/25 16:09	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	126762	12/15/25 17:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126803	12/16/25 16:09	SA	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	126777	12/16/25 06:03	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	126797	12/16/25 12:47	CS	EET MID

Client Sample ID: DS09

Date Collected: 12/12/25 15:05
Date Received: 12/12/25 17:40

Lab Sample ID: 890-9232-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	126836	12/16/25 08:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126787	12/16/25 12:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126884	12/16/25 12:53	SA	EET MID
Total/NA	Analysis	8015 NM		1			126909	12/16/25 16:24	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	126762	12/15/25 17:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126803	12/16/25 16:24	SA	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	126777	12/16/25 06:03	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	126797	12/16/25 12:54	CS	EET MID

Client Sample ID: DS10

Date Collected: 12/12/25 15:10
Date Received: 12/12/25 17:40

Lab Sample ID: 890-9232-10

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	126836	12/16/25 08:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126787	12/16/25 13:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126884	12/16/25 13:13	SA	EET MID
Total/NA	Analysis	8015 NM		1			126909	12/16/25 16:39	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	126762	12/15/25 17:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126803	12/16/25 16:39	SA	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	126777	12/16/25 06:03	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	126797	12/16/25 13:01	CS	EET MID

Lab Chronicle

Client: Ensolum
Project/Site: Randy Federal Booster Tranfer Station

Job ID: 890-9232-1
SDG: 07A1988292

Client Sample ID: DS11

Date Collected: 12/12/25 12:50
Date Received: 12/12/25 17:40

Lab Sample ID: 890-9232-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	126836	12/16/25 08:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126787	12/16/25 13:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126884	12/16/25 13:34	SA	EET MID
Total/NA	Analysis	8015 NM		1			126909	12/16/25 16:54	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	126762	12/15/25 17:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126803	12/16/25 16:54	SA	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	126777	12/16/25 06:03	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	126797	12/16/25 13:08	CS	EET MID

Client Sample ID: DS12

Date Collected: 12/12/25 12:55
Date Received: 12/12/25 17:40

Lab Sample ID: 890-9232-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	126836	12/16/25 08:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126787	12/16/25 13:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126884	12/16/25 13:54	SA	EET MID
Total/NA	Analysis	8015 NM		1			126909	12/16/25 17:09	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	126762	12/15/25 17:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126803	12/16/25 17:09	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	126777	12/16/25 06:03	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	126797	12/16/25 13:15	CS	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Ensolum
Project/Site: Randy Federal Booster Tranfer Station

Job ID: 890-9232-1
SDG: 07A1988292

Laboratory: Eurofins Midland

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

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

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

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

Method Summary

Client: Ensolum
Project/Site: Randy Federal Booster Tranfer Station

Job ID: 890-9232-1
SDG: 07A1988292

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Ensolum
Project/Site: Randy Federal Booster Tranfer Station

Job ID: 890-9232-1
SDG: 07A1988292

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-9232-1	DS01	Solid	12/12/25 12:00	12/12/25 17:40	0.5
890-9232-2	DS02	Solid	12/12/25 14:40	12/12/25 17:40	0.5
890-9232-3	DS03	Solid	12/12/25 14:45	12/12/25 17:40	0.5
890-9232-4	DS04	Solid	12/12/25 14:50	12/12/25 17:40	0.5
890-9232-5	DS05	Solid	12/12/25 12:20	12/12/25 17:40	0.5
890-9232-6	DS06	Solid	12/12/25 12:25	12/12/25 17:40	0.5
890-9232-7	DS07	Solid	12/12/25 14:55	12/12/25 17:40	0.5
890-9232-8	DS08	Solid	12/12/25 15:00	12/12/25 17:40	0.5
890-9232-9	DS09	Solid	12/12/25 15:05	12/12/25 17:40	0.5
890-9232-10	DS10	Solid	12/12/25 15:10	12/12/25 17:40	0.5
890-9232-11	DS11	Solid	12/12/25 12:50	12/12/25 17:40	0.5
890-9232-12	DS12	Solid	12/12/25 12:55	12/12/25 17:40	0.5

eurofins | 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

890-9232 Chain of Custody

www.xenco.com Page ____

Project Manager:	KALEI JENNINGS	Bill to: (if different)	BILLY GANN
Company Name:	ENSOLUM, LLC	Company Name:	
Address:	601 N MARIENFELD	Address:	
City, State ZIP:	MIDLAND TX 79701	City, State ZIP:	
Phone:	817 683 2503	Email:	KJennings@ensolum.com

Work Order Comments

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

Project Name:	Randy Federal Booster Transfer Station	Turn Around	☐ Routine ☒ Rush
Project Number:	07A1988292	Due Date:	24hrs.
Project Location:	ARTESIA	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Azuka Raphael		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Samples Received Intact:	(Yes) No	Thermometer ID:	Inmec1
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	-0.4
Total Containers:		Corrected Temperature:	-0.2

Preservative Codes

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

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021	TPH 8015	CHLORIDE	Sample Comments
AS01	S	12.12.25	1200	0.5	G	1		X	X	X	
AS02			1440					X	X	X	
AS03			1445					X	X	X	
AS04			1450					X	X	X	
AS05			1220					X	X	X	
AS06			1505					X	X	X	
AS07			1455					X	X	X	
AS08			1500					X	X	X	
AS09			1505					X	X	X	
AS10	S	12.12.25	1510	0.5	G	1		X	X	X	

ANALYSIS REQUEST

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 : 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	Shannon Brun	121254	2		
			4		
5			6		

12.12.25

Revised Date: 08/25/2020 Rev. 2020.2

eurofins | 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: _____

www.xenco.com Page 2 of 2

Project Manager:	KALEI JENNINGS	Bill to: (if different)	BILLY GINN
Company Name:	ENSOLUM, LLC	Company Name:	
Address:	601 N MARIENFELD	Address:	
City, State ZIP:	MIDLAND, TX, 79701	City, State ZIP:	
Phone:	817 683 2503	Email:	Kjennings@ensolum.com

Work Order Comments

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

Project Name:	Randy Federal Booster Transfer Station	Turn Around	☐ Routine ☒ Rush
Project Number:	07A1988292	Due Date:	24hrs.
Project Location:	ARTESIA	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Azaka Raphael		
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No	
Samples Received Intact:	(Yes) No	Thermometer ID:	Trimble	
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2	
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	-0.4	
Total Containers:		Corrected Temperature:	-0.2	

Preservative Codes

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

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021	TPH 8015	CHLORIDE	Sample Comments
DS11	S	12.2.25	1250	0.5	G	1		X	X	X	
DS12	S	12.2.25	1255	0.5	G	1		X	X	X	

NTE 12.12.25

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 : 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		12.12 540	2		
3			4		
5			6		

12.12.25

Revised Date: 08/25/2020 Rev. 2020.2

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

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer, Jessica	Carrier Tracking No(s): N/A	COC No: 890-6272.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Louisiana; NELAP - Texas		Job #: 890-9232-1
Address: 1211 W. Florida Ave, ,	Due Date Requested: 12/16/2025			
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Randy Federal Booster Tranfer Station	Project #: 89000236			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes:

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_NM/8015NM_S_Prep(MOD) Full TPH	300_ORGFM_28D/DI_LEACHChloride	8021B/5035FP_CalcBTEX	Total_BTEX_GCV	8015MOD_Calc	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
DS01 (890-9232-1)	12/12/25	12:00 Central	G	Solid			X	X	X	X	X	1	
DS02 (890-9232-2)	12/12/25	14:40 Central	G	Solid			X	X	X	X	X	1	
DS03 (890-9232-3)	12/12/25	14:45 Central	G	Solid			X	X	X	X	X	1	
DS04 (890-9232-4)	12/12/25	14:50 Central	G	Solid			X	X	X	X	X	1	
DS05 (890-9232-5)	12/12/25	12:20 Central	G	Solid			X	X	X	X	X	1	
DS06 (890-9232-6)	12/12/25	12:25 Central	G	Solid			X	X	X	X	X	1	
DS07 (890-9232-7)	12/12/25	14:55 Central	G	Solid			X	X	X	X	X	1	
DS08 (890-9232-8)	12/12/25	15:00 Central	G	Solid			X	X	X	X	X	1	
DS09 (890-9232-9)	12/12/25	15:05 Central	G	Solid			X	X	X	X	X	1	

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

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

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 12/16/25 0800	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.1/2.0 IR-8

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

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer, Jessica	Carrier Tracking No(s): N/A	COC No: 890-6272.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: Texas	Page: Page 2 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Louisiana; NELAP - Texas		Job #: 890-9232-1
Address: 1211 W. Florida Ave, ,	Due Date Requested: 12/16/2025			
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Randy Federal Booster Tranfer Station	Project #: 89000236			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_NM/8015NM_S_Prep(MOD) Full TPH	300_ORGFM_28D/DI_LEACHChloride	8021B/5035FP_CalcBTEX	Total_BTEX_GCV	8015MOD_Calc	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
DS10 (890-9232-10)	12/12/25	15:10 Central	G	Solid			X	X	X	X	X	1	
DS11 (890-9232-11)	12/12/25	12:50 Central	G	Solid			X	X	X	X	X	1	
DS12 (890-9232-12)	12/12/25	12:55 Central	G	Solid			X	X	X	X	X	1	

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

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

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	12-15 1630				
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 12/16/25 0800	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.1/2.0 IR 8

Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-9232-1
SDG Number: 07A1988292

Login Number: 9232
List Number: 1
Creator: Lopez, Abraham

List Source: Eurofins Carlsbad

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

Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-9232-1
SDG Number: 07A1988292

Login Number: 9232
List Number: 2
Creator: Laing, Edmundo

List Source: Eurofins Midland
List Creation: 12/16/25 07:51 AM

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

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Kalei Jennings
Ensolum
601 N. Marienfeld St.
Suite 400
Midland, Texas 79701

Generated 12/16/2025 7:38:25 PM

JOB DESCRIPTION

RANDY FEDERAL BOOSTER TRANSFER STATION
07A1988292

JOB NUMBER

890-9231-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

my EOL

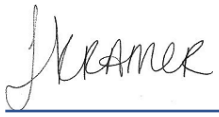
Eurofins Carlsbad

Job Notes

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

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

Authorization



Generated
12/16/2025 7:38:25 PM

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

Client: Ensolum
Project/Site: RANDY FEDERAL BOOSTER TRANSFER STATION

Laboratory Job ID: 890-9231-1
SDG: 07A1988292

Table of Contents

Definitions/Glossary

Client: Ensolum
Project/Site: RANDY FEDERAL BOOSTER TRANSFER STATION

Job ID: 890-9231-1
SDG: 07A1988292

Qualifiers

GC VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Ensolum Job ID: 890-9231-1
Project: RANDY FEDERAL BOOSTER TRANSFER STATION

Job ID: 890-9231-1 Eurofins Carlsbad

Job Narrative
890-9231-1

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

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

Receipt
The samples were received on 12/12/2025 5:40 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 -0.2°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: CS 01 (890-9231-1), CS 02 (890-9231-2), CS 03 (890-9231-3), CS 04 (890-9231-4), CS 05 (890-9231-5), CS 06 (890-9231-6), CS 07 (890-9231-7), CS 08 (890-9231-8), CS 09 (890-9231-9), CS 10 (890-9231-10), CS 11 (890-9231-11), CS 12 (890-9231-12), CS 13 (890-9231-13), CS 14 (890-9231-14), CS 15 (890-9231-15), CS 16 (890-9231-16), CS 17 (890-9231-17), CS 18 (890-9231-18), CS 19 (890-9231-19), CS 20 (890-9231-20), CS 21 (890-9231-21), CS 22 (890-9231-22), CS 23 (890-9231-23), CS 24 (890-9231-24), CS 25 (890-9231-25), CS 26 (890-9231-26) and CS 27 (890-9231-27).

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

Diesel Range Organics
Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS 13 (890-9231-13) and CS 20 (890-9231-20). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS 17 (890-9231-17), CS 18 (890-9231-18) and CS 19 (890-9231-19). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-126759/2-A). 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: (890-9231-A-1-B MS) and (890-9231-A-1-C MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: CS 10 (890-9231-10). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-126760 and analytical batch 880-126782 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 8015MOD_NM: Surrogate recovery for the following samples were outside the upper control limit: CS 22 (890-9231-22), CS 24 (890-9231-24) and CS 27 (890-9231-27). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (890-9231-A-21-B MS). Evidence of matrix interferences is not obvious.

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

Eurofins Carlsbad

Case Narrative

Client: Ensolum Job ID: 890-9231-1
Project: RANDY FEDERAL BOOSTER TRANSFER STATION

Job ID: 890-9231-1 (Continued) Eurofins Carlsbad

HPLC/IC
Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-126776 and analytical batch 880-126794 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 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-126777 and analytical batch 880-126797 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.

Client Sample Results

Client: Ensolum
Project/Site: RANDY FEDERAL BOOSTER TRANSFER STATION

Job ID: 890-9231-1
SDG: 07A1988292

Client Sample ID: CS 01

Lab Sample ID: 890-9231-1
Matrix: Solid
Date Collected: 12/12/25 11:20
Date Received: 12/12/25 17:40
Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/15/25 17:12	12/15/25 23:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/15/25 17:12	12/15/25 23:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/15/25 17:12	12/15/25 23:32	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/15/25 17:12	12/15/25 23:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/15/25 17:12	12/15/25 23:32	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/15/25 17:12	12/15/25 23:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*12/15/25 17:12*	*12/15/25 23:32*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*12/15/25 17:12*	*12/15/25 23:32*	*1*

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		mg/Kg			12/15/25 23:32	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/16/25 09:04	1

Method: SW846 8015B NM - Diesel Range Organics (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		12/15/25 16:56	12/16/25 09:04	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/15/25 16:56	12/16/25 09:04	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/15/25 16:56	12/16/25 09:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*108*		*70 - 130*	*12/15/25 16:56*	*12/16/25 09:04*	*1*
o-Terphenyl	*116*		*70 - 130*	*12/15/25 16:56*	*12/16/25 09:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7680**	**F1**	99.8		mg/Kg			12/16/25 09:14	10

Client Sample ID: CS 02

Lab Sample ID: 890-9231-2
Matrix: Solid
Date Collected: 12/12/25 13:30
Date Received: 12/12/25 17:40
Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/15/25 17:12	12/15/25 23:53	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/15/25 17:12	12/15/25 23:53	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/15/25 17:12	12/15/25 23:53	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/15/25 17:12	12/15/25 23:53	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/15/25 17:12	12/15/25 23:53	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/15/25 17:12	12/15/25 23:53	1

Client Sample Results

Client: Ensolum
Project/Site: RANDY FEDERAL BOOSTER TRANSFER STATION

Job ID: 890-9231-1
SDG: 07A1988292

Client Sample ID: CS 02

Lab Sample ID: 890-9231-2
Matrix: Solid
Date Collected: 12/12/25 13:30
Date Received: 12/12/25 17:40
Sample Depth: 0.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*12/15/25 17:12*	*12/15/25 23:53*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*12/15/25 17:12*	*12/15/25 23:53*	*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			12/15/25 23:53	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2	mg/Kg			12/16/25 09:46	1

Method: SW846 8015B NM - Diesel Range Organics (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		12/15/25 16:56	12/16/25 09:46	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2	mg/Kg		12/15/25 16:56	12/16/25 09:46	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2	mg/Kg		12/15/25 16:56	12/16/25 09:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	*117*		*70 - 130*	*12/15/25 16:56*	*12/16/25 09:46*	*1*
o-Terphenyl	*119*		*70 - 130*	*12/15/25 16:56*	*12/16/25 09:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3040**		49.6	mg/Kg			12/16/25 09:31	5

Client Sample ID: CS 03

Lab Sample ID: 890-9231-3
Matrix: Solid
Date Collected: 12/12/25 13:35
Date Received: 12/12/25 17:40
Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		12/15/25 17:12	12/16/25 00:13	1
Toluene	<0.00202	U	0.00202	mg/Kg		12/15/25 17:12	12/16/25 00:13	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		12/15/25 17:12	12/16/25 00:13	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	mg/Kg		12/15/25 17:12	12/16/25 00:13	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		12/15/25 17:12	12/16/25 00:13	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		12/15/25 17:12	12/16/25 00:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*12/15/25 17:12*	*12/16/25 00:13*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*12/15/25 17:12*	*12/16/25 00:13*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404	mg/Kg			12/16/25 00:13	1

Client Sample Results

Client: Ensolum
Project/Site: RANDY FEDERAL BOOSTER TRANSFER STATION

Job ID: 890-9231-1
SDG: 07A1988292

Client Sample ID: CS 03

Lab Sample ID: 890-9231-3
Matrix: Solid
Date Collected: 12/12/25 13:35
Date Received: 12/12/25 17:40
Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/16/25 10:00	1

Method: SW846 8015B NM - Diesel Range Organics (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		12/15/25 16:56	12/16/25 10:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/15/25 16:56	12/16/25 10:00	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/15/25 16:56	12/16/25 10:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*106*		*70 - 130*	*12/15/25 16:56*	*12/16/25 10:00*	*1*
o-Terphenyl	*109*		*70 - 130*	*12/15/25 16:56*	*12/16/25 10:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7250**		99.6		mg/Kg			12/16/25 09:36	10

Client Sample ID: CS 04

Lab Sample ID: 890-9231-4
Matrix: Solid
Date Collected: 12/12/25 13:40
Date Received: 12/12/25 17:40
Sample Depth: 0.5

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		12/15/25 17:12	12/16/25 00:34	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/15/25 17:12	12/16/25 00:34	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/15/25 17:12	12/16/25 00:34	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/15/25 17:12	12/16/25 00:34	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/15/25 17:12	12/16/25 00:34	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/15/25 17:12	12/16/25 00:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*12/15/25 17:12*	*12/16/25 00:34*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*12/15/25 17:12*	*12/16/25 00:34*	*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			12/16/25 00:34	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			12/16/25 10:14	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/15/25 16:56	12/16/25 10:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/15/25 16:56	12/16/25 10:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/15/25 16:56	12/16/25 10:14	1

Client Sample Results

Client: Ensolum
Project/Site: RANDY FEDERAL BOOSTER TRANSFER STATION

Job ID: 890-9231-1
SDG: 07A1988292

Client Sample ID: CS 04

Lab Sample ID: 890-9231-4
Matrix: Solid
Date Collected: 12/12/25 13:40
Date Received: 12/12/25 17:40
Sample Depth: 0.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130	12/15/25 16:56	12/16/25 10:14	1
o-Terphenyl	100		70 - 130	12/15/25 16:56	12/16/25 10:14	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1380		10.0		mg/Kg			12/16/25 09:42	1

Client Sample ID: CS 05

Lab Sample ID: 890-9231-5
Matrix: Solid
Date Collected: 12/12/25 13:45
Date Received: 12/12/25 17:40
Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		12/15/25 17:12	12/16/25 00:54	1
Toluene	<0.00198	U	0.00198		mg/Kg		12/15/25 17:12	12/16/25 00:54	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		12/15/25 17:12	12/16/25 00:54	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		12/15/25 17:12	12/16/25 00:54	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		12/15/25 17:12	12/16/25 00:54	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		12/15/25 17:12	12/16/25 00:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	12/15/25 17:12	12/16/25 00:54	1
1,4-Difluorobenzene (Surr)	98		70 - 130	12/15/25 17:12	12/16/25 00:54	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			12/16/25 00:54	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/16/25 10:27	1

Method: SW846 8015B NM - Diesel Range Organics (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		12/15/25 16:56	12/16/25 10:27	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/15/25 16:56	12/16/25 10:27	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/15/25 16:56	12/16/25 10:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130	12/15/25 16:56	12/16/25 10:27	1
o-Terphenyl	120		70 - 130	12/15/25 16:56	12/16/25 10:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	631		9.92		mg/Kg			12/16/25 09:48	1

Client Sample Results

Client: Ensolum
Project/Site: RANDY FEDERAL BOOSTER TRANSFER STATION

Job ID: 890-9231-1
SDG: 07A1988292

Client Sample ID: CS 06

Lab Sample ID: 890-9231-6
Matrix: Solid
Date Collected: 12/12/25 13:50
Date Received: 12/12/25 17:40
Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/15/25 17:12	12/16/25 01:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/15/25 17:12	12/16/25 01:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/15/25 17:12	12/16/25 01:15	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/15/25 17:12	12/16/25 01:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/15/25 17:12	12/16/25 01:15	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/15/25 17:12	12/16/25 01:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*12/15/25 17:12*	*12/16/25 01:15*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*12/15/25 17:12*	*12/16/25 01:15*	*1*

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		mg/Kg			12/16/25 01:15	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/16/25 10:42	1

Method: SW846 8015B NM - Diesel Range Organics (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		12/15/25 16:56	12/16/25 10:42	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/15/25 16:56	12/16/25 10:42	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/15/25 16:56	12/16/25 10:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*117*		*70 - 130*	*12/15/25 16:56*	*12/16/25 10:42*	*1*
o-Terphenyl	*118*		*70 - 130*	*12/15/25 16:56*	*12/16/25 10:42*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9570**		198		mg/Kg			12/16/25 10:05	20

Client Sample ID: CS 07

Lab Sample ID: 890-9231-7
Matrix: Solid
Date Collected: 12/12/25 10:50
Date Received: 12/12/25 17:40
Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/15/25 17:12	12/16/25 01:35	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/15/25 17:12	12/16/25 01:35	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/15/25 17:12	12/16/25 01:35	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/15/25 17:12	12/16/25 01:35	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/15/25 17:12	12/16/25 01:35	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/15/25 17:12	12/16/25 01:35	1

Client Sample Results

Client: Ensolum
Project/Site: RANDY FEDERAL BOOSTER TRANSFER STATION

Job ID: 890-9231-1
SDG: 07A1988292

Client Sample ID: CS 07

Lab Sample ID: 890-9231-7
Matrix: Solid
Date Collected: 12/12/25 10:50
Date Received: 12/12/25 17:40
Sample Depth: 0.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*12/15/25 17:12*	*12/16/25 01:35*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*12/15/25 17:12*	*12/16/25 01:35*	*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			12/16/25 01:35	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			12/16/25 10:56	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		12/15/25 16:56	12/16/25 10:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		12/15/25 16:56	12/16/25 10:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		12/15/25 16:56	12/16/25 10:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	*121*		*70 - 130*	*12/15/25 16:56*	*12/16/25 10:56*	*1*
o-Terphenyl	*125*		*70 - 130*	*12/15/25 16:56*	*12/16/25 10:56*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6250**		101	mg/Kg			12/16/25 10:10	10

Client Sample ID: CS 08

Lab Sample ID: 890-9231-8
Matrix: Solid
Date Collected: 12/12/25 13:55
Date Received: 12/12/25 17:40
Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		12/15/25 17:12	12/16/25 01:55	1
Toluene	<0.00202	U	0.00202	mg/Kg		12/15/25 17:12	12/16/25 01:55	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		12/15/25 17:12	12/16/25 01:55	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	mg/Kg		12/15/25 17:12	12/16/25 01:55	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		12/15/25 17:12	12/16/25 01:55	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		12/15/25 17:12	12/16/25 01:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*12/15/25 17:12*	*12/16/25 01:55*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*12/15/25 17:12*	*12/16/25 01:55*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404	mg/Kg			12/16/25 01:55	1

Client Sample Results

Client: Ensolum
Project/Site: RANDY FEDERAL BOOSTER TRANSFER STATION

Job ID: 890-9231-1
SDG: 07A1988292

Client Sample ID: CS 08

Lab Sample ID: 890-9231-8
Matrix: Solid
Date Collected: 12/12/25 13:55
Date Received: 12/12/25 17:40
Sample Depth: 0.5

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			12/16/25 11:10	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/15/25 16:56	12/16/25 11:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/15/25 16:56	12/16/25 11:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/15/25 16:56	12/16/25 11:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*118*		*70 - 130*	*12/15/25 16:56*	*12/16/25 11:10*	*1*
o-Terphenyl	*120*		*70 - 130*	*12/15/25 16:56*	*12/16/25 11:10*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1960**		49.8		mg/Kg			12/16/25 10:16	5

Client Sample ID: CS 09

Lab Sample ID: 890-9231-9
Matrix: Solid
Date Collected: 12/12/25 14:00
Date Received: 12/12/25 17:40
Sample Depth: 0.5

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		12/15/25 17:12	12/16/25 02:16	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/15/25 17:12	12/16/25 02:16	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/15/25 17:12	12/16/25 02:16	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/15/25 17:12	12/16/25 02:16	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/15/25 17:12	12/16/25 02:16	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/15/25 17:12	12/16/25 02:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*12/15/25 17:12*	*12/16/25 02:16*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*12/15/25 17:12*	*12/16/25 02:16*	*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			12/16/25 02:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			12/16/25 11:24	1

Method: SW846 8015B NM - Diesel Range Organics (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		12/15/25 16:56	12/16/25 11:24	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		12/15/25 16:56	12/16/25 11:24	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		12/15/25 16:56	12/16/25 11:24	1

Client Sample Results

Client: Ensolum
Project/Site: RANDY FEDERAL BOOSTER TRANSFER STATION

Job ID: 890-9231-1
SDG: 07A1988292

Client Sample ID: CS 09

Lab Sample ID: 890-9231-9
Matrix: Solid
Date Collected: 12/12/25 14:00
Date Received: 12/12/25 17:40
Sample Depth: 0.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	*121*		*70 - 130*	*12/15/25 16:56*	*12/16/25 11:24*	*1*
o-Terphenyl	*128*		*70 - 130*	*12/15/25 16:56*	*12/16/25 11:24*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2970**		49.9		mg/Kg			12/16/25 10:22	5

Client Sample ID: CS 10

Lab Sample ID: 890-9231-10
Matrix: Solid
Date Collected: 12/12/25 10:40
Date Received: 12/12/25 17:40
Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/15/25 17:12	12/16/25 02:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/15/25 17:12	12/16/25 02:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/15/25 17:12	12/16/25 02:36	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/15/25 17:12	12/16/25 02:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/15/25 17:12	12/16/25 02:36	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/15/25 17:12	12/16/25 02:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*12/15/25 17:12*	*12/16/25 02:36*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*12/15/25 17:12*	*12/16/25 02:36*	*1*

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		mg/Kg			12/16/25 02:36	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			12/16/25 11:37	1

Method: SW846 8015B NM - Diesel Range Organics (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		12/15/25 16:56	12/16/25 11:37	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		12/15/25 16:56	12/16/25 11:37	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		12/15/25 16:56	12/16/25 11:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	*128*		*70 - 130*	*12/15/25 16:56*	*12/16/25 11:37*	*1*
o-Terphenyl	*131*	*S1+*	*70 - 130*	*12/15/25 16:56*	*12/16/25 11:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7990**		99.4		mg/Kg			12/16/25 10:27	10

Client Sample Results

Client: Ensolum
Project/Site: RANDY FEDERAL BOOSTER TRANSFER STATION

Job ID: 890-9231-1
SDG: 07A1988292

Client Sample ID: CS 11

Lab Sample ID: 890-9231-11
Matrix: Solid
Date Collected: 12/12/25 10:37
Date Received: 12/12/25 17:40
Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/15/25 17:12	12/16/25 04:09	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/15/25 17:12	12/16/25 04:09	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/15/25 17:12	12/16/25 04:09	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/15/25 17:12	12/16/25 04:09	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/15/25 17:12	12/16/25 04:09	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/15/25 17:12	12/16/25 04:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*12/15/25 17:12*	*12/16/25 04:09*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*12/15/25 17:12*	*12/16/25 04:09*	*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			12/16/25 04:09	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**2760**		49.9		mg/Kg			12/16/25 09:04	1

Method: SW846 8015B NM - Diesel Range Organics (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		12/15/25 16:58	12/16/25 09:04	1
Diesel Range Organics (Over C10-C28)	**88.3**	**F1**	49.9		mg/Kg		12/15/25 16:58	12/16/25 09:04	1
Oil Range Organics (Over C28-C36)	**2670**		49.9		mg/Kg		12/15/25 16:58	12/16/25 09:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*116*		*70 - 130*	*12/15/25 16:58*	*12/16/25 09:04*	*1*
o-Terphenyl	*126*		*70 - 130*	*12/15/25 16:58*	*12/16/25 09:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**12400**	**F1**	198		mg/Kg			12/16/25 10:33	20

Client Sample ID: CS 12

Lab Sample ID: 890-9231-12
Matrix: Solid
Date Collected: 12/12/25 14:03
Date Received: 12/12/25 17:40
Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/15/25 17:12	12/16/25 04:30	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/15/25 17:12	12/16/25 04:30	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/15/25 17:12	12/16/25 04:30	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		12/15/25 17:12	12/16/25 04:30	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/15/25 17:12	12/16/25 04:30	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		12/15/25 17:12	12/16/25 04:30	1

Client Sample Results

Client: Ensolum
Project/Site: RANDY FEDERAL BOOSTER TRANSFER STATION

Job ID: 890-9231-1
SDG: 07A1988292

Client Sample ID: CS 12

Lab Sample ID: 890-9231-12
Matrix: Solid
Date Collected: 12/12/25 14:03
Date Received: 12/12/25 17:40
Sample Depth: 0.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*12/15/25 17:12*	*12/16/25 04:30*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*12/15/25 17:12*	*12/16/25 04:30*	*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			12/16/25 04:30	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**761**		50.2	mg/Kg			12/16/25 09:46	1

Method: SW846 8015B NM - Diesel Range Organics (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		12/15/25 16:58	12/16/25 09:46	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2	mg/Kg		12/15/25 16:58	12/16/25 09:46	1
Oil Range Organics (Over C28-C36)	**761**		50.2	mg/Kg		12/15/25 16:58	12/16/25 09:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	*121*		*70 - 130*	*12/15/25 16:58*	*12/16/25 09:46*	*1*
o-Terphenyl	*128*		*70 - 130*	*12/15/25 16:58*	*12/16/25 09:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**12400**		200	mg/Kg			12/16/25 10:50	20

Client Sample ID: CS 13

Lab Sample ID: 890-9231-13
Matrix: Solid
Date Collected: 12/12/25 10:30
Date Received: 12/12/25 17:40
Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		12/15/25 17:12	12/16/25 04:50	1
Toluene	<0.00198	U	0.00198	mg/Kg		12/15/25 17:12	12/16/25 04:50	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		12/15/25 17:12	12/16/25 04:50	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		12/15/25 17:12	12/16/25 04:50	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		12/15/25 17:12	12/16/25 04:50	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		12/15/25 17:12	12/16/25 04:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*12/15/25 17:12*	*12/16/25 04:50*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*12/15/25 17:12*	*12/16/25 04:50*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396	mg/Kg			12/16/25 04:50	1

Client Sample Results

Client: Ensolum
Project/Site: RANDY FEDERAL BOOSTER TRANSFER STATION

Job ID: 890-9231-1
SDG: 07A1988292

Client Sample ID: CS 13

Lab Sample ID: 890-9231-13
Matrix: Solid
Date Collected: 12/12/25 10:30
Date Received: 12/12/25 17:40
Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**230**		49.8		mg/Kg			12/16/25 10:00	1

Method: SW846 8015B NM - Diesel Range Organics (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		12/15/25 16:58	12/16/25 10:00	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/15/25 16:58	12/16/25 10:00	1
Oil Range Organics (Over C28-C36)	**230**		49.8		mg/Kg		12/15/25 16:58	12/16/25 10:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*236*	*S1+*	*70 - 130*	*12/15/25 16:58*	*12/16/25 10:00*	*1*
o-Terphenyl	*250*	*S1+*	*70 - 130*	*12/15/25 16:58*	*12/16/25 10:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2270**		50.4		mg/Kg			12/16/25 10:56	5

Client Sample ID: CS 14

Lab Sample ID: 890-9231-14
Matrix: Solid
Date Collected: 12/12/25 14:05
Date Received: 12/12/25 17:40
Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/15/25 17:12	12/16/25 05:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/15/25 17:12	12/16/25 05:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/15/25 17:12	12/16/25 05:11	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/15/25 17:12	12/16/25 05:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/15/25 17:12	12/16/25 05:11	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/15/25 17:12	12/16/25 05:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*12/15/25 17:12*	*12/16/25 05:11*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*12/15/25 17:12*	*12/16/25 05:11*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			12/16/25 05:11	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**115**		50.0		mg/Kg			12/16/25 10:14	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/15/25 16:58	12/16/25 10:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/15/25 16:58	12/16/25 10:14	1

Client Sample Results

Client: Ensolum
Project/Site: RANDY FEDERAL BOOSTER TRANSFER STATION

Job ID: 890-9231-1
SDG: 07A1988292

Client Sample ID: CS 14

Lab Sample ID: 890-9231-14
Matrix: Solid
Date Collected: 12/12/25 14:05
Date Received: 12/12/25 17:40
Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	**115**		50.0		mg/Kg		12/15/25 16:58	12/16/25 10:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*122*		*70 - 130*	*12/15/25 16:58*	*12/16/25 10:14*	*1*
o-Terphenyl	*128*		*70 - 130*	*12/15/25 16:58*	*12/16/25 10:14*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4390**		101		mg/Kg			12/16/25 11:12	10

Client Sample ID: CS 15

Lab Sample ID: 890-9231-15
Matrix: Solid
Date Collected: 12/12/25 14:08
Date Received: 12/12/25 17:40
Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/15/25 17:12	12/16/25 05:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/15/25 17:12	12/16/25 05:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/15/25 17:12	12/16/25 05:31	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/15/25 17:12	12/16/25 05:31	1
o-Xylene	**0.00325**		0.00200		mg/Kg		12/15/25 17:12	12/16/25 05:31	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/15/25 17:12	12/16/25 05:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*12/15/25 17:12*	*12/16/25 05:31*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*12/15/25 17:12*	*12/16/25 05:31*	*1*

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		mg/Kg			12/16/25 05:31	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**70.7**		49.8		mg/Kg			12/16/25 10:27	1

Method: SW846 8015B NM - Diesel Range Organics (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		12/15/25 16:58	12/16/25 10:27	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/15/25 16:58	12/16/25 10:27	1
Oil Range Organics (Over C28-C36)	**70.7**		49.8		mg/Kg		12/15/25 16:58	12/16/25 10:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*121*		*70 - 130*	*12/15/25 16:58*	*12/16/25 10:27*	*1*
o-Terphenyl	*127*		*70 - 130*	*12/15/25 16:58*	*12/16/25 10:27*	*1*

Client Sample Results

Client: Ensolum
Project/Site: RANDY FEDERAL BOOSTER TRANSFER STATION

Job ID: 890-9231-1
SDG: 07A1988292

Client Sample ID: CS 15

Lab Sample ID: 890-9231-15
Matrix: Solid
Date Collected: 12/12/25 14:08
Date Received: 12/12/25 17:40
Sample Depth: 0.5

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3580**		50.2		mg/Kg			12/16/25 11:18	5

Client Sample ID: CS 16

Lab Sample ID: 890-9231-16
Matrix: Solid
Date Collected: 12/12/25 09:52
Date Received: 12/12/25 17:40
Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/15/25 17:12	12/16/25 05:51	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/15/25 17:12	12/16/25 05:51	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/15/25 17:12	12/16/25 05:51	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/15/25 17:12	12/16/25 05:51	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/15/25 17:12	12/16/25 05:51	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/15/25 17:12	12/16/25 05:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*12/15/25 17:12*	*12/16/25 05:51*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*12/15/25 17:12*	*12/16/25 05:51*	*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			12/16/25 05:51	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**51.9**		49.9		mg/Kg			12/16/25 10:42	1

Method: SW846 8015B NM - Diesel Range Organics (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		12/15/25 16:58	12/16/25 10:42	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/15/25 16:58	12/16/25 10:42	1
Oil Range Organics (Over C28-C36)	**51.9**		49.9		mg/Kg		12/15/25 16:58	12/16/25 10:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*126*		*70 - 130*	*12/15/25 16:58*	*12/16/25 10:42*	*1*
o-Terphenyl	*130*		*70 - 130*	*12/15/25 16:58*	*12/16/25 10:42*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**922**		10.0		mg/Kg			12/16/25 11:24	1

Client Sample Results

Client: Ensolum
Project/Site: RANDY FEDERAL BOOSTER TRANSFER STATION

Job ID: 890-9231-1
SDG: 07A1988292

Client Sample ID: CS 17

Lab Sample ID: 890-9231-17
Matrix: Solid
Date Collected: 12/12/25 14:10
Date Received: 12/12/25 17:40
Sample Depth: 0.5

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		12/15/25 17:12	12/16/25 06:12	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/15/25 17:12	12/16/25 06:12	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/15/25 17:12	12/16/25 06:12	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/15/25 17:12	12/16/25 06:12	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/15/25 17:12	12/16/25 06:12	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/15/25 17:12	12/16/25 06:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*12/15/25 17:12*	*12/16/25 06:12*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*12/15/25 17:12*	*12/16/25 06:12*	*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			12/16/25 06:12	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/16/25 10:56	1

Method: SW846 8015B NM - Diesel Range Organics (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		12/15/25 16:58	12/16/25 10:56	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/15/25 16:58	12/16/25 10:56	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/15/25 16:58	12/16/25 10:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*128*		*70 - 130*	*12/15/25 16:58*	*12/16/25 10:56*	*1*
o-Terphenyl	*135*	*S1+*	*70 - 130*	*12/15/25 16:58*	*12/16/25 10:56*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1340**		49.8		mg/Kg			12/16/25 11:29	5

Client Sample ID: CS 18

Lab Sample ID: 890-9231-18
Matrix: Solid
Date Collected: 12/12/25 09:57
Date Received: 12/12/25 17:40
Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/15/25 17:12	12/16/25 06:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/15/25 17:12	12/16/25 06:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/15/25 17:12	12/16/25 06:32	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/15/25 17:12	12/16/25 06:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/15/25 17:12	12/16/25 06:32	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/15/25 17:12	12/16/25 06:32	1

Client Sample Results

Client: Ensolum
Project/Site: RANDY FEDERAL BOOSTER TRANSFER STATION

Job ID: 890-9231-1
SDG: 07A1988292

Client Sample ID: CS 18

Lab Sample ID: 890-9231-18
Matrix: Solid
Date Collected: 12/12/25 09:57
Date Received: 12/12/25 17:40
Sample Depth: 0.5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*12/15/25 17:12*	*12/16/25 06:32*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*12/15/25 17:12*	*12/16/25 06:32*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/Kg			12/16/25 06:32	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			12/16/25 11:10	1

Method: SW846 8015B NM - Diesel Range Organics (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		12/15/25 16:58	12/16/25 11:10	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		12/15/25 16:58	12/16/25 11:10	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		12/15/25 16:58	12/16/25 11:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*130*		*70 - 130*	*12/15/25 16:58*	*12/16/25 11:10*	*1*
o-Terphenyl	*135*	*S1+*	*70 - 130*	*12/15/25 16:58*	*12/16/25 11:10*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1210**		9.98	mg/Kg			12/16/25 11:35	1

Client Sample ID: CS 19

Lab Sample ID: 890-9231-19
Matrix: Solid
Date Collected: 12/12/25 10:00
Date Received: 12/12/25 17:40
Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		12/15/25 17:12	12/16/25 06:53	1
Toluene	<0.00198	U	0.00198	mg/Kg		12/15/25 17:12	12/16/25 06:53	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		12/15/25 17:12	12/16/25 06:53	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		12/15/25 17:12	12/16/25 06:53	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		12/15/25 17:12	12/16/25 06:53	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		12/15/25 17:12	12/16/25 06:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*12/15/25 17:12*	*12/16/25 06:53*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*12/15/25 17:12*	*12/16/25 06:53*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396	mg/Kg			12/16/25 06:53	1

Client Sample Results

Client: Ensolum
Project/Site: RANDY FEDERAL BOOSTER TRANSFER STATION

Job ID: 890-9231-1
SDG: 07A1988292

Client Sample ID: CS 19

Lab Sample ID: 890-9231-19
Matrix: Solid
Date Collected: 12/12/25 10:00
Date Received: 12/12/25 17:40
Sample Depth: 0.5

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			12/16/25 11:24	1

Method: SW846 8015B NM - Diesel Range Organics (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		12/15/25 16:58	12/16/25 11:24	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		12/15/25 16:58	12/16/25 11:24	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		12/15/25 16:58	12/16/25 11:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*124*		*70 - 130*	*12/15/25 16:58*	*12/16/25 11:24*	*1*
o-Terphenyl	*131*	*S1+*	*70 - 130*	*12/15/25 16:58*	*12/16/25 11:24*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8430**		100		mg/Kg			12/16/25 11:41	10

Client Sample ID: CS 20

Lab Sample ID: 890-9231-20
Matrix: Solid
Date Collected: 12/12/25 10:05
Date Received: 12/12/25 17:40
Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/15/25 17:12	12/16/25 07:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/15/25 17:12	12/16/25 07:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/15/25 17:12	12/16/25 07:13	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/15/25 17:12	12/16/25 07:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/15/25 17:12	12/16/25 07:13	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/15/25 17:12	12/16/25 07:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*12/15/25 17:12*	*12/16/25 07:13*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*12/15/25 17:12*	*12/16/25 07:13*	*1*

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		mg/Kg			12/16/25 07:13	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			12/16/25 11:37	1

Method: SW846 8015B NM - Diesel Range Organics (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		12/15/25 16:58	12/16/25 11:37	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		12/15/25 16:58	12/16/25 11:37	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		12/15/25 16:58	12/16/25 11:37	1

Eurofins Carlsbad

Client Sample Results

Client: Ensolum
Project/Site: RANDY FEDERAL BOOSTER TRANSFER STATION

Job ID: 890-9231-1
SDG: 07A1988292

Client Sample ID: CS 20

Lab Sample ID: 890-9231-20
Matrix: Solid
Date Collected: 12/12/25 10:05
Date Received: 12/12/25 17:40
Sample Depth: 0.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	*131*	*S1+*	*70 - 130*	*12/15/25 16:58*	*12/16/25 11:37*	*1*
o-Terphenyl	*136*	*S1+*	*70 - 130*	*12/15/25 16:58*	*12/16/25 11:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**13600**		202		mg/Kg			12/16/25 11:46	20

Client Sample ID: CS 21

Lab Sample ID: 890-9231-21
Matrix: Solid
Date Collected: 12/12/25 14:15
Date Received: 12/12/25 17:40
Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/16/25 08:00	12/16/25 11:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/16/25 08:00	12/16/25 11:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/16/25 08:00	12/16/25 11:22	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/16/25 08:00	12/16/25 11:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/16/25 08:00	12/16/25 11:22	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/16/25 08:00	12/16/25 11:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*12/16/25 08:00*	*12/16/25 11:22*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*12/16/25 08:00*	*12/16/25 11:22*	*1*

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		mg/Kg			12/16/25 11:22	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			12/16/25 14:39	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/15/25 17:00	12/16/25 14:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/15/25 17:00	12/16/25 14:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/15/25 17:00	12/16/25 14:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	*128*		*70 - 130*	*12/15/25 17:00*	*12/16/25 14:39*	*1*
o-Terphenyl	*129*		*70 - 130*	*12/15/25 17:00*	*12/16/25 14:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3690**	**F1**	50.4		mg/Kg			12/16/25 09:48	5

Client Sample Results

Client: Ensolum
Project/Site: RANDY FEDERAL BOOSTER TRANSFER STATION

Job ID: 890-9231-1
SDG: 07A1988292

Client Sample ID: CS 22

Lab Sample ID: 890-9231-22
Matrix: Solid
Date Collected: 12/12/25 10:10
Date Received: 12/12/25 17:40
Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/16/25 08:00	12/16/25 11:43	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/16/25 08:00	12/16/25 11:43	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/16/25 08:00	12/16/25 11:43	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/16/25 08:00	12/16/25 11:43	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/16/25 08:00	12/16/25 11:43	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/16/25 08:00	12/16/25 11:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*12/16/25 08:00*	*12/16/25 11:43*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*12/16/25 08:00*	*12/16/25 11:43*	*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			12/16/25 11:43	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			12/16/25 15:24	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		12/15/25 17:00	12/16/25 15:24	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		12/15/25 17:00	12/16/25 15:24	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		12/15/25 17:00	12/16/25 15:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*142*	*S1+*	*70 - 130*	*12/15/25 17:00*	*12/16/25 15:24*	*1*
o-Terphenyl	*141*	*S1+*	*70 - 130*	*12/15/25 17:00*	*12/16/25 15:24*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**11900**		201		mg/Kg			12/16/25 10:33	20

Client Sample ID: CS 23

Lab Sample ID: 890-9231-23
Matrix: Solid
Date Collected: 12/12/25 10:13
Date Received: 12/12/25 17:40
Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/16/25 08:00	12/16/25 12:03	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/16/25 08:00	12/16/25 12:03	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/16/25 08:00	12/16/25 12:03	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		12/16/25 08:00	12/16/25 12:03	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/16/25 08:00	12/16/25 12:03	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		12/16/25 08:00	12/16/25 12:03	1

Client Sample Results

Client: Ensolum
Project/Site: RANDY FEDERAL BOOSTER TRANSFER STATION

Job ID: 890-9231-1
SDG: 07A1988292

Client Sample ID: CS 23

Lab Sample ID: 890-9231-23
Matrix: Solid
Date Collected: 12/12/25 10:13
Date Received: 12/12/25 17:40
Sample Depth: 0.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*12/16/25 08:00*	*12/16/25 12:03*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*12/16/25 08:00*	*12/16/25 12:03*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404	mg/Kg			12/16/25 12:03	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			12/16/25 15:39	1

Method: SW846 8015B NM - Diesel Range Organics (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		12/15/25 17:00	12/16/25 15:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		12/15/25 17:00	12/16/25 15:39	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		12/15/25 17:00	12/16/25 15:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	*125*		*70 - 130*	*12/15/25 17:00*	*12/16/25 15:39*	*1*
o-Terphenyl	*124*		*70 - 130*	*12/15/25 17:00*	*12/16/25 15:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7350**		101	mg/Kg			12/16/25 10:40	10

Client Sample ID: CS 24

Lab Sample ID: 890-9231-24
Matrix: Solid
Date Collected: 12/12/25 10:15
Date Received: 12/12/25 17:40
Sample Depth: 0.5

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		12/16/25 08:00	12/16/25 12:24	1
Toluene	<0.00199	U	0.00199	mg/Kg		12/16/25 08:00	12/16/25 12:24	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		12/16/25 08:00	12/16/25 12:24	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		12/16/25 08:00	12/16/25 12:24	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		12/16/25 08:00	12/16/25 12:24	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		12/16/25 08:00	12/16/25 12:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*12/16/25 08:00*	*12/16/25 12:24*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*12/16/25 08:00*	*12/16/25 12:24*	*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			12/16/25 12:24	1

Client Sample Results

Client: Ensolum
Project/Site: RANDY FEDERAL BOOSTER TRANSFER STATION

Job ID: 890-9231-1
SDG: 07A1988292

Client Sample ID: CS 24

Lab Sample ID: 890-9231-24
Matrix: Solid
Date Collected: 12/12/25 10:15
Date Received: 12/12/25 17:40
Sample Depth: 0.5

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			12/16/25 15:54	1

Method: SW846 8015B NM - Diesel Range Organics (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		12/15/25 17:00	12/16/25 15:54	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		12/15/25 17:00	12/16/25 15:54	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		12/15/25 17:00	12/16/25 15:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*135*	*S1+*	*70 - 130*	*12/15/25 17:00*	*12/16/25 15:54*	*1*
o-Terphenyl	*130*		*70 - 130*	*12/15/25 17:00*	*12/16/25 15:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8530**		99.2		mg/Kg			12/16/25 10:47	10

Client Sample ID: CS 25

Lab Sample ID: 890-9231-25
Matrix: Solid
Date Collected: 12/12/25 14:10
Date Received: 12/12/25 17:40
Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		12/16/25 08:00	12/16/25 13:41	1
Toluene	<0.00198	U	0.00198		mg/Kg		12/16/25 08:00	12/16/25 13:41	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		12/16/25 08:00	12/16/25 13:41	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		12/16/25 08:00	12/16/25 13:41	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		12/16/25 08:00	12/16/25 13:41	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		12/16/25 08:00	12/16/25 13:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*12/16/25 08:00*	*12/16/25 13:41*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*12/16/25 08:00*	*12/16/25 13:41*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			12/16/25 13:41	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/16/25 16:09	1

Method: SW846 8015B NM - Diesel Range Organics (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		12/15/25 17:00	12/16/25 16:09	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/15/25 17:00	12/16/25 16:09	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/15/25 17:00	12/16/25 16:09	1

Client Sample Results

Client: Ensolum
Project/Site: RANDY FEDERAL BOOSTER TRANSFER STATION

Job ID: 890-9231-1
SDG: 07A1988292

Client Sample ID: CS 25

Lab Sample ID: 890-9231-25
Matrix: Solid
Date Collected: 12/12/25 14:10
Date Received: 12/12/25 17:40
Sample Depth: 0.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130	12/15/25 17:00	12/16/25 16:09	1
o-Terphenyl	106		70 - 130	12/15/25 17:00	12/16/25 16:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7490		99.8		mg/Kg			12/16/25 10:54	10

Client Sample ID: CS 26

Lab Sample ID: 890-9231-26
Matrix: Solid
Date Collected: 12/12/25 10:22
Date Received: 12/12/25 17:40
Sample Depth: 0.5

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/16/25 08:00	12/16/25 14:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/16/25 08:00	12/16/25 14:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/16/25 08:00	12/16/25 14:01	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/16/25 08:00	12/16/25 14:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/16/25 08:00	12/16/25 14:01	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/16/25 08:00	12/16/25 14:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	12/16/25 08:00	12/16/25 14:01	1
1,4-Difluorobenzene (Surr)	99		70 - 130	12/16/25 08:00	12/16/25 14:01	1

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		mg/Kg			12/16/25 14:01	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			12/16/25 16:24	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/15/25 17:00	12/16/25 16:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/15/25 17:00	12/16/25 16:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/15/25 17:00	12/16/25 16:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	130		70 - 130	12/15/25 17:00	12/16/25 16:24	1
o-Terphenyl	126		70 - 130	12/15/25 17:00	12/16/25 16:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	250		9.92		mg/Kg			12/16/25 11:37	1

Client Sample Results

Client: Ensolum
Project/Site: RANDY FEDERAL BOOSTER TRANSFER STATION

Job ID: 890-9231-1
SDG: 07A1988292

Client Sample ID: CS 27

Date Collected: 12/12/25 10:25
Date Received: 12/12/25 17:40
Sample Depth: 0.5

Lab Sample ID: 890-9231-27

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/16/25 08:00	12/16/25 14:22	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/16/25 08:00	12/16/25 14:22	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/16/25 08:00	12/16/25 14:22	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/16/25 08:00	12/16/25 14:22	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/16/25 08:00	12/16/25 14:22	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/16/25 08:00	12/16/25 14:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*12/16/25 08:00*	*12/16/25 14:22*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*12/16/25 08:00*	*12/16/25 14:22*	*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			12/16/25 14:22	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			12/16/25 16:39	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/15/25 17:00	12/16/25 16:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/15/25 17:00	12/16/25 16:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/15/25 17:00	12/16/25 16:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*244*	*S1+*	*70 - 130*	*12/15/25 17:00*	*12/16/25 16:39*	*1*
o-Terphenyl	*237*	*S1+*	*70 - 130*	*12/15/25 17:00*	*12/16/25 16:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5790**		101		mg/Kg			12/16/25 11:16	10

Surrogate Summary

Client: Ensolum
Project/Site: RANDY FEDERAL BOOSTER TRANSFER STATION

Job ID: 890-9231-1
SDG: 07A1988292

Method: 8021B - Volatile Organic Compounds (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)								
890-9231-1	CS 01	102	100								
890-9231-1 MS	CS 01	96	107								
890-9231-1 MSD	CS 01	103	108								
890-9231-2	CS 02	105	99								
890-9231-3	CS 03	103	98								
890-9231-4	CS 04	103	94								
890-9231-5	CS 05	105	98								
890-9231-6	CS 06	94	101								
890-9231-7	CS 07	101	102								
890-9231-8	CS 08	100	100								
890-9231-9	CS 09	101	97								
890-9231-10	CS 10	106	101								
890-9231-11	CS 11	98	99								
890-9231-12	CS 12	102	99								
890-9231-13	CS 13	103	98								
890-9231-14	CS 14	104	103								
890-9231-15	CS 15	107	89								
890-9231-16	CS 16	103	98								
890-9231-17	CS 17	93	95								
890-9231-18	CS 18	107	98								
890-9231-19	CS 19	111	94								
890-9231-20	CS 20	105	100								
890-9231-21	CS 21	104	100								
890-9231-21 MS	CS 21	105	95								
890-9231-21 MSD	CS 21	100	97								
890-9231-22	CS 22	102	101								
890-9231-23	CS 23	103	99								
890-9231-24	CS 24	102	99								
890-9231-25	CS 25	101	96								
890-9231-26	CS 26	103	99								
890-9231-27	CS 27	102	99								
LCS 880-126806/1-A	Lab Control Sample	104	104								
LCS 880-126837/1-A	Lab Control Sample	89	101								
LCSD 880-126806/2-A	Lab Control Sample Dup	97	98								
LCSD 880-126837/2-A	Lab Control Sample Dup	101	96								
MB 880-126633/5-A	Method Blank	106	95								
MB 880-126806/5-A	Method Blank	105	96								
MB 880-126837/5-A	Method Blank	94	91								

Surrogate Legend

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

Surrogate Summary

Client: Ensolum
Project/Site: RANDY FEDERAL BOOSTER TRANSFER STATION

Job ID: 890-9231-1
SDG: 07A1988292

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

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

		Percent Surrogate Recovery (Acceptance Limits)											
		1CO1	OTPH1										
Lab Sample ID	Client Sample ID	(70-130)	(70-130)										
890-9231-1	CS 01	108	116										
890-9231-1 MS	CS 01	133 S1+	119										
890-9231-1 MSD	CS 01	131 S1+	121										
890-9231-2	CS 02	117	119										
890-9231-3	CS 03	106	109										
890-9231-4	CS 04	94	100										
890-9231-5	CS 05	118	120										
890-9231-6	CS 06	117	118										
890-9231-7	CS 07	121	125										
890-9231-8	CS 08	118	120										
890-9231-9	CS 09	121	128										
890-9231-10	CS 10	128	131 S1+										
890-9231-11	CS 11	116	126										
890-9231-11 MS	CS 11	127	120										
890-9231-11 MSD	CS 11	123	120										
890-9231-12	CS 12	121	128										
890-9231-13	CS 13	236 S1+	250 S1+										
890-9231-14	CS 14	122	128										
890-9231-15	CS 15	121	127										
890-9231-16	CS 16	126	130										
890-9231-17	CS 17	128	135 S1+										
890-9231-18	CS 18	130	135 S1+										
890-9231-19	CS 19	124	131 S1+										
890-9231-20	CS 20	131 S1+	136 S1+										
890-9231-21	CS 21	128	129										
890-9231-21 MS	CS 21	139 S1+	117										
890-9231-21 MSD	CS 21	118	118										
890-9231-22	CS 22	142 S1+	141 S1+										
890-9231-23	CS 23	125	124										
890-9231-24	CS 24	135 S1+	130										
890-9231-25	CS 25	105	106										
890-9231-26	CS 26	130	126										
890-9231-27	CS 27	244 S1+	237 S1+										
LCS 880-126759/2-A	Lab Control Sample	137 S1+	121										
LCS 880-126760/2-A	Lab Control Sample	126	119										
LCS 880-126761/2-A	Lab Control Sample	119	120										
LCSD 880-126759/3-A	Lab Control Sample Dup	122	108										
LCSD 880-126760/3-A	Lab Control Sample Dup	125	120										
LCSD 880-126761/3-A	Lab Control Sample Dup	124	127										
MB 880-126759/1-A	Method Blank	110	108										
MB 880-126760/1-A	Method Blank	108	109										
MB 880-126761/1-A	Method Blank	112	107										

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: Ensolum
Project/Site: RANDY FEDERAL BOOSTER TRANSFER STATION

Job ID: 890-9231-1
SDG: 07A1988292

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-126633/5-A
Matrix: Solid
Analysis Batch: 126622

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 126633

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/15/25 09:17	12/15/25 11:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/15/25 09:17	12/15/25 11:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/15/25 09:17	12/15/25 11:52	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/15/25 09:17	12/15/25 11:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/15/25 09:17	12/15/25 11:52	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/15/25 09:17	12/15/25 11:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*12/15/25 09:17*	*12/15/25 11:52*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*12/15/25 09:17*	*12/15/25 11:52*	*1*

Lab Sample ID: MB 880-126806/5-A
Matrix: Solid
Analysis Batch: 126622

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 126806

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/15/25 17:12	12/15/25 23:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/15/25 17:12	12/15/25 23:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/15/25 17:12	12/15/25 23:11	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/15/25 17:12	12/15/25 23:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/15/25 17:12	12/15/25 23:11	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/15/25 17:12	12/15/25 23:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*12/15/25 17:12*	*12/15/25 23:11*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*12/15/25 17:12*	*12/15/25 23:11*	*1*

Lab Sample ID: LCS 880-126806/1-A
Matrix: Solid
Analysis Batch: 126622

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 126806

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.09947		mg/Kg		99	70 - 130		
Toluene			0.100	0.09744		mg/Kg		97	70 - 130		
Ethylbenzene			0.100	0.1019		mg/Kg		102	70 - 130		
m-Xylene & p-Xylene			0.200	0.1973		mg/Kg		99	70 - 130		
o-Xylene			0.100	0.09977		mg/Kg		100	70 - 130		

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

QC Sample Results

Client: Ensolum
Project/Site: RANDY FEDERAL BOOSTER TRANSFER STATION

Job ID: 890-9231-1
SDG: 07A1988292

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

Lab Sample ID: LCSD 880-126806/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 126622 — **Prep Batch: 126806**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09342		mg/Kg		93	70 - 130	6	35
Toluene			0.100	0.09135		mg/Kg		91	70 - 130	6	35
Ethylbenzene			0.100	0.09641		mg/Kg		96	70 - 130	6	35
m-Xylene & p-Xylene			0.200	0.1888		mg/Kg		94	70 - 130	4	35
o-Xylene			0.100	0.09520		mg/Kg		95	70 - 130	5	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

Lab Sample ID: 890-9231-1 MS — **Client Sample ID: CS 01**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 126622 — **Prep Batch: 126806**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.08843		mg/Kg		88	70 - 130
Toluene	<0.00200	U	0.100	0.08100		mg/Kg		81	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.08189		mg/Kg		82	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1558		mg/Kg		78	70 - 130
o-Xylene	<0.00200	U	0.100	0.07845		mg/Kg		78	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*

Lab Sample ID: 890-9231-1 MSD — **Client Sample ID: CS 01**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 126622 — **Prep Batch: 126806**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.09500		mg/Kg		95	70 - 130	7	35
Toluene	<0.00200	U	0.100	0.08882		mg/Kg		89	70 - 130	9	35
Ethylbenzene	<0.00200	U	0.100	0.09010		mg/Kg		90	70 - 130	10	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1720		mg/Kg		86	70 - 130	10	35
o-Xylene	<0.00200	U	0.100	0.08798		mg/Kg		88	70 - 130	11	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*

Lab Sample ID: MB 880-126837/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 126789 — **Prep Batch: 126837**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/16/25 08:00	12/16/25 11:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/16/25 08:00	12/16/25 11:01	1

QC Sample Results

Client: Ensolum
Project/Site: RANDY FEDERAL BOOSTER TRANSFER STATION

Job ID: 890-9231-1
SDG: 07A1988292

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

Lab Sample ID: MB 880-126837/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 126789 — **Prep Batch: 126837**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/16/25 08:00	12/16/25 11:01	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/16/25 08:00	12/16/25 11:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/16/25 08:00	12/16/25 11:01	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/16/25 08:00	12/16/25 11:01	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*12/16/25 08:00*	*12/16/25 11:01*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*12/16/25 08:00*	*12/16/25 11:01*	*1*

Lab Sample ID: LCS 880-126837/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 126789 — **Prep Batch: 126837**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1058		mg/Kg		106	70 - 130		
Toluene			0.100	0.09015		mg/Kg		90	70 - 130		
Ethylbenzene			0.100	0.09289		mg/Kg		93	70 - 130		
m-Xylene & p-Xylene			0.200	0.1822		mg/Kg		91	70 - 130		
o-Xylene			0.100	0.09150		mg/Kg		91	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: LCSD 880-126837/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 126789 — **Prep Batch: 126837**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09865		mg/Kg		99	70 - 130	7	35
Toluene			0.100	0.09508		mg/Kg		95	70 - 130	5	35
Ethylbenzene			0.100	0.1017		mg/Kg		102	70 - 130	9	35
m-Xylene & p-Xylene			0.200	0.2035		mg/Kg		102	70 - 130	11	35
o-Xylene			0.100	0.1024		mg/Kg		102	70 - 130	11	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*

Lab Sample ID: 890-9231-21 MS — **Client Sample ID: CS 21**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 126789 — **Prep Batch: 126837**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.100	0.08210		mg/Kg		82	70 - 130		
Toluene	<0.00200	U	0.100	0.07905		mg/Kg		79	70 - 130		
Ethylbenzene	<0.00200	U	0.100	0.08355		mg/Kg		84	70 - 130		

QC Sample Results

Client: Ensolum
Project/Site: RANDY FEDERAL BOOSTER TRANSFER STATION

Job ID: 890-9231-1
SDG: 07A1988292

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

Lab Sample ID: 890-9231-21 MS — **Client Sample ID: CS 21**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 126789 — **Prep Batch: 126837**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1640		mg/Kg		82	70 - 130
o-Xylene	<0.00200	U	0.100	0.08327		mg/Kg		83	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*

Lab Sample ID: 890-9231-21 MSD — **Client Sample ID: CS 21**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 126789 — **Prep Batch: 126837**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.09073		mg/Kg		91	70 - 130	10	35
Toluene	<0.00200	U	0.100	0.08204		mg/Kg		82	70 - 130	4	35
Ethylbenzene	<0.00200	U	0.100	0.08109		mg/Kg		81	70 - 130	3	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1597		mg/Kg		80	70 - 130	3	35
o-Xylene	<0.00200	U	0.100	0.08234		mg/Kg		82	70 - 130	1	35

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

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

Lab Sample ID: MB 880-126759/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 126785 — **Prep Batch: 126759**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/15/25 16:56	12/16/25 06:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/15/25 16:56	12/16/25 06:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/15/25 16:56	12/16/25 06:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*110*		*70 - 130*	*12/15/25 16:56*	*12/16/25 06:10*	*1*
o-Terphenyl	*108*		*70 - 130*	*12/15/25 16:56*	*12/16/25 06:10*	*1*

Lab Sample ID: LCS 880-126759/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 126785 — **Prep Batch: 126759**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10			1000	889.9		mg/Kg		89	70 - 130
Diesel Range Organics (Over C10-C28)			1000	1122		mg/Kg		112	70 - 130

QC Sample Results

Client: Ensolum
Project/Site: RANDY FEDERAL BOOSTER TRANSFER STATION

Job ID: 890-9231-1
SDG: 07A1988292

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

Lab Sample ID: LCS 880-126759/2-A
Matrix: Solid
Analysis Batch: 126785

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 126759

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	137	S1+	70 - 130
o-Terphenyl	121		70 - 130

Lab Sample ID: LCSD 880-126759/3-A
Matrix: Solid
Analysis Batch: 126785

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 126759

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	805.9		mg/Kg		81	70 - 130	10	20
Diesel Range Organics (Over C10-C28)			1000	979.3		mg/Kg		98	70 - 130	14	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	122		70 - 130
o-Terphenyl	108		70 - 130

Lab Sample ID: 890-9231-1 MS
Matrix: Solid
Analysis Batch: 126785

Client Sample ID: CS 01
Prep Type: Total/NA
Prep Batch: 126759

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	734.7		mg/Kg		74	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	999	884.0		mg/Kg		88	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	133	S1+	70 - 130
o-Terphenyl	119		70 - 130

Lab Sample ID: 890-9231-1 MSD
Matrix: Solid
Analysis Batch: 126785

Client Sample ID: CS 01
Prep Type: Total/NA
Prep Batch: 126759

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	726.2		mg/Kg		73	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	865.8		mg/Kg		87	70 - 130	2	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	131	S1+	70 - 130
o-Terphenyl	121		70 - 130

QC Sample Results

Client: Ensolum
Project/Site: RANDY FEDERAL BOOSTER TRANSFER STATION

Job ID: 890-9231-1
SDG: 07A1988292

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

Lab Sample ID: MB 880-126760/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 126782 — **Prep Batch: 126760**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/15/25 16:58	12/16/25 06:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/15/25 16:58	12/16/25 06:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/15/25 16:58	12/16/25 06:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*108*		*70 - 130*	*12/15/25 16:58*	*12/16/25 06:10*	*1*
o-Terphenyl	*109*		*70 - 130*	*12/15/25 16:58*	*12/16/25 06:10*	*1*

Lab Sample ID: LCS 880-126760/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 126782 — **Prep Batch: 126760**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	894.0		mg/Kg		89	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	872.2		mg/Kg		87	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*126*		*70 - 130*
o-Terphenyl	*119*		*70 - 130*

Lab Sample ID: LCSD 880-126760/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 126782 — **Prep Batch: 126760**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	913.4		mg/Kg		91	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	884.4		mg/Kg		88	70 - 130	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*125*		*70 - 130*
o-Terphenyl	*120*		*70 - 130*

Lab Sample ID: 890-9231-11 MS — **Client Sample ID: CS 11**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 126782 — **Prep Batch: 126760**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	741.8		mg/Kg		74	70 - 130		
Diesel Range Organics (Over C10-C28)	88.3	F1	998	698.1	F1	mg/Kg		61	70 - 130		

QC Sample Results

Client: Ensolum
Project/Site: RANDY FEDERAL BOOSTER TRANSFER STATION

Job ID: 890-9231-1
SDG: 07A1988292

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

Lab Sample ID: 890-9231-11 MS
Matrix: Solid
Analysis Batch: 126782

Client Sample ID: CS 11
Prep Type: Total/NA
Prep Batch: 126760

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	127		70 - 130
o-Terphenyl	120		70 - 130

Lab Sample ID: 890-9231-11 MSD
Matrix: Solid
Analysis Batch: 126782

Client Sample ID: CS 11
Prep Type: Total/NA
Prep Batch: 126760

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	748.6		mg/Kg		75	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	88.3	F1	998	728.4	F1	mg/Kg		64	70 - 130	4	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	123		70 - 130
o-Terphenyl	120		70 - 130

Lab Sample ID: MB 880-126761/1-A
Matrix: Solid
Analysis Batch: 126801

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 126761

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/15/25 17:00	12/16/25 06:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/15/25 17:00	12/16/25 06:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/15/25 17:00	12/16/25 06:51	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130	12/15/25 17:00	12/16/25 06:51	1
o-Terphenyl	107		70 - 130	12/15/25 17:00	12/16/25 06:51	1

Lab Sample ID: LCS 880-126761/2-A
Matrix: Solid
Analysis Batch: 126801

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 126761

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	951.9		mg/Kg		95	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	960.5		mg/Kg		96	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	119		70 - 130
o-Terphenyl	120		70 - 130

QC Sample Results

Client: Ensolum
Project/Site: RANDY FEDERAL BOOSTER TRANSFER STATION

Job ID: 890-9231-1
SDG: 07A1988292

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

Lab Sample ID: LCSD 880-126761/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 126801 — **Prep Batch: 126761**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	974.6		mg/Kg		97	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	1015		mg/Kg		102	70 - 130	6	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*124*		*70 - 130*
o-Terphenyl	*127*		*70 - 130*

Lab Sample ID: 890-9231-21 MS — **Client Sample ID: CS 21**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 126801 — **Prep Batch: 126761**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	755.7		mg/Kg		76	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	759.6		mg/Kg		74	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*139*	*S1+*	*70 - 130*
o-Terphenyl	*117*		*70 - 130*

Lab Sample ID: 890-9231-21 MSD — **Client Sample ID: CS 21**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 126801 — **Prep Batch: 126761**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	795.5		mg/Kg		80	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	837.2		mg/Kg		82	70 - 130	10	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*118*		*70 - 130*
o-Terphenyl	*118*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-126776/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 126794

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/16/25 08:57	1

QC Sample Results

Client: Ensolum
Project/Site: RANDY FEDERAL BOOSTER TRANSFER STATION

Job ID: 890-9231-1
SDG: 07A1988292

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-126776/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 126794

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	248.1		mg/Kg		99	90 - 110		

Lab Sample ID: LCSD 880-126776/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 126794

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	240.3		mg/Kg		96	90 - 110	3	20

Lab Sample ID: 890-9231-1 MS — **Client Sample ID: CS 01**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 126794

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	7680	F1	2500	10780	F1	mg/Kg		124	90 - 110		

Lab Sample ID: 890-9231-1 MSD — **Client Sample ID: CS 01**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 126794

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	7680	F1	2500	10550	F1	mg/Kg		115	90 - 110	2	20

Lab Sample ID: 890-9231-11 MS — **Client Sample ID: CS 11**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 126794

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	12400	F1	4960	19690	F1	mg/Kg		147	90 - 110		

Lab Sample ID: 890-9231-11 MSD — **Client Sample ID: CS 11**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 126794

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	12400	F1	4960	19200	F1	mg/Kg		137	90 - 110	3	20

Lab Sample ID: MB 880-126777/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 126797

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/16/25 09:27	1

QC Sample Results

Client: Ensolum
Project/Site: RANDY FEDERAL BOOSTER TRANSFER STATION

Job ID: 890-9231-1
SDG: 07A1988292

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-126777/2-A
Matrix: Solid
Analysis Batch: 126797

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	255.0		mg/Kg		102	90 - 110		

Lab Sample ID: LCSD 880-126777/3-A
Matrix: Solid
Analysis Batch: 126797

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	243.8		mg/Kg		98	90 - 110	5	20

Lab Sample ID: 890-9231-21 MS
Matrix: Solid
Analysis Batch: 126797

Client Sample ID: CS 21
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	3690	F1	1260	5594	F1	mg/Kg		151	90 - 110		

Lab Sample ID: 890-9231-21 MSD
Matrix: Solid
Analysis Batch: 126797

Client Sample ID: CS 21
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	3690	F1	1260	5665	F1	mg/Kg		157	90 - 110	1	20

QC Association Summary

Client: Ensolum
Project/Site: RANDY FEDERAL BOOSTER TRANSFER STATION

Job ID: 890-9231-1
SDG: 07A1988292

GC VOA

Analysis Batch: 126622

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9231-1	CS 01	Total/NA	Solid	8021B	126806
890-9231-2	CS 02	Total/NA	Solid	8021B	126806
890-9231-3	CS 03	Total/NA	Solid	8021B	126806
890-9231-4	CS 04	Total/NA	Solid	8021B	126806
890-9231-5	CS 05	Total/NA	Solid	8021B	126806
890-9231-6	CS 06	Total/NA	Solid	8021B	126806
890-9231-7	CS 07	Total/NA	Solid	8021B	126806
890-9231-8	CS 08	Total/NA	Solid	8021B	126806
890-9231-9	CS 09	Total/NA	Solid	8021B	126806
890-9231-10	CS 10	Total/NA	Solid	8021B	126806
890-9231-11	CS 11	Total/NA	Solid	8021B	126806
890-9231-12	CS 12	Total/NA	Solid	8021B	126806
890-9231-13	CS 13	Total/NA	Solid	8021B	126806
890-9231-14	CS 14	Total/NA	Solid	8021B	126806
890-9231-15	CS 15	Total/NA	Solid	8021B	126806
890-9231-16	CS 16	Total/NA	Solid	8021B	126806
890-9231-17	CS 17	Total/NA	Solid	8021B	126806
890-9231-18	CS 18	Total/NA	Solid	8021B	126806
890-9231-19	CS 19	Total/NA	Solid	8021B	126806
890-9231-20	CS 20	Total/NA	Solid	8021B	126806
MB 880-126633/5-A	Method Blank	Total/NA	Solid	8021B	126633
MB 880-126806/5-A	Method Blank	Total/NA	Solid	8021B	126806
LCS 880-126806/1-A	Lab Control Sample	Total/NA	Solid	8021B	126806
LCSD 880-126806/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	126806
890-9231-1 MS	CS 01	Total/NA	Solid	8021B	126806
890-9231-1 MSD	CS 01	Total/NA	Solid	8021B	126806

Prep Batch: 126633

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-126633/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 126789

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9231-21	CS 21	Total/NA	Solid	8021B	126837
890-9231-22	CS 22	Total/NA	Solid	8021B	126837
890-9231-23	CS 23	Total/NA	Solid	8021B	126837
890-9231-24	CS 24	Total/NA	Solid	8021B	126837
890-9231-25	CS 25	Total/NA	Solid	8021B	126837
890-9231-26	CS 26	Total/NA	Solid	8021B	126837
890-9231-27	CS 27	Total/NA	Solid	8021B	126837
MB 880-126837/5-A	Method Blank	Total/NA	Solid	8021B	126837
LCS 880-126837/1-A	Lab Control Sample	Total/NA	Solid	8021B	126837
LCSD 880-126837/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	126837
890-9231-21 MS	CS 21	Total/NA	Solid	8021B	126837
890-9231-21 MSD	CS 21	Total/NA	Solid	8021B	126837

Prep Batch: 126806

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9231-1	CS 01	Total/NA	Solid	5035	
890-9231-2	CS 02	Total/NA	Solid	5035	

QC Association Summary

Client: Ensolum
Project/Site: RANDY FEDERAL BOOSTER TRANSFER STATION

Job ID: 890-9231-1
SDG: 07A1988292

GC VOA (Continued)

Prep Batch: 126806 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9231-3	CS 03	Total/NA	Solid	5035	
890-9231-4	CS 04	Total/NA	Solid	5035	
890-9231-5	CS 05	Total/NA	Solid	5035	
890-9231-6	CS 06	Total/NA	Solid	5035	
890-9231-7	CS 07	Total/NA	Solid	5035	
890-9231-8	CS 08	Total/NA	Solid	5035	
890-9231-9	CS 09	Total/NA	Solid	5035	
890-9231-10	CS 10	Total/NA	Solid	5035	
890-9231-11	CS 11	Total/NA	Solid	5035	
890-9231-12	CS 12	Total/NA	Solid	5035	
890-9231-13	CS 13	Total/NA	Solid	5035	
890-9231-14	CS 14	Total/NA	Solid	5035	
890-9231-15	CS 15	Total/NA	Solid	5035	
890-9231-16	CS 16	Total/NA	Solid	5035	
890-9231-17	CS 17	Total/NA	Solid	5035	
890-9231-18	CS 18	Total/NA	Solid	5035	
890-9231-19	CS 19	Total/NA	Solid	5035	
890-9231-20	CS 20	Total/NA	Solid	5035	
MB 880-126806/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-126806/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-126806/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9231-1 MS	CS 01	Total/NA	Solid	5035	
890-9231-1 MSD	CS 01	Total/NA	Solid	5035	

Analysis Batch: 126835

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9231-1	CS 01	Total/NA	Solid	Total BTEX	
890-9231-2	CS 02	Total/NA	Solid	Total BTEX	
890-9231-3	CS 03	Total/NA	Solid	Total BTEX	
890-9231-4	CS 04	Total/NA	Solid	Total BTEX	
890-9231-5	CS 05	Total/NA	Solid	Total BTEX	
890-9231-6	CS 06	Total/NA	Solid	Total BTEX	
890-9231-7	CS 07	Total/NA	Solid	Total BTEX	
890-9231-8	CS 08	Total/NA	Solid	Total BTEX	
890-9231-9	CS 09	Total/NA	Solid	Total BTEX	
890-9231-10	CS 10	Total/NA	Solid	Total BTEX	
890-9231-11	CS 11	Total/NA	Solid	Total BTEX	
890-9231-12	CS 12	Total/NA	Solid	Total BTEX	
890-9231-13	CS 13	Total/NA	Solid	Total BTEX	
890-9231-14	CS 14	Total/NA	Solid	Total BTEX	
890-9231-15	CS 15	Total/NA	Solid	Total BTEX	
890-9231-16	CS 16	Total/NA	Solid	Total BTEX	
890-9231-17	CS 17	Total/NA	Solid	Total BTEX	
890-9231-18	CS 18	Total/NA	Solid	Total BTEX	
890-9231-19	CS 19	Total/NA	Solid	Total BTEX	
890-9231-20	CS 20	Total/NA	Solid	Total BTEX	
890-9231-21	CS 21	Total/NA	Solid	Total BTEX	
890-9231-22	CS 22	Total/NA	Solid	Total BTEX	
890-9231-23	CS 23	Total/NA	Solid	Total BTEX	
890-9231-24	CS 24	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Ensolum
Project/Site: RANDY FEDERAL BOOSTER TRANSFER STATION

Job ID: 890-9231-1
SDG: 07A1988292

GC VOA (Continued)

Analysis Batch: 126835 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9231-25	CS 25	Total/NA	Solid	Total BTEX	
890-9231-26	CS 26	Total/NA	Solid	Total BTEX	
890-9231-27	CS 27	Total/NA	Solid	Total BTEX	

Prep Batch: 126837

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9231-21	CS 21	Total/NA	Solid	5035	
890-9231-22	CS 22	Total/NA	Solid	5035	
890-9231-23	CS 23	Total/NA	Solid	5035	
890-9231-24	CS 24	Total/NA	Solid	5035	
890-9231-25	CS 25	Total/NA	Solid	5035	
890-9231-26	CS 26	Total/NA	Solid	5035	
890-9231-27	CS 27	Total/NA	Solid	5035	
MB 880-126837/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-126837/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-126837/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9231-21 MS	CS 21	Total/NA	Solid	5035	
890-9231-21 MSD	CS 21	Total/NA	Solid	5035	

GC Semi VOA

Prep Batch: 126759

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9231-1	CS 01	Total/NA	Solid	8015NM Prep	
890-9231-2	CS 02	Total/NA	Solid	8015NM Prep	
890-9231-3	CS 03	Total/NA	Solid	8015NM Prep	
890-9231-4	CS 04	Total/NA	Solid	8015NM Prep	
890-9231-5	CS 05	Total/NA	Solid	8015NM Prep	
890-9231-6	CS 06	Total/NA	Solid	8015NM Prep	
890-9231-7	CS 07	Total/NA	Solid	8015NM Prep	
890-9231-8	CS 08	Total/NA	Solid	8015NM Prep	
890-9231-9	CS 09	Total/NA	Solid	8015NM Prep	
890-9231-10	CS 10	Total/NA	Solid	8015NM Prep	
MB 880-126759/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-126759/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-126759/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9231-1 MS	CS 01	Total/NA	Solid	8015NM Prep	
890-9231-1 MSD	CS 01	Total/NA	Solid	8015NM Prep	

Prep Batch: 126760

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9231-11	CS 11	Total/NA	Solid	8015NM Prep	
890-9231-12	CS 12	Total/NA	Solid	8015NM Prep	
890-9231-13	CS 13	Total/NA	Solid	8015NM Prep	
890-9231-14	CS 14	Total/NA	Solid	8015NM Prep	
890-9231-15	CS 15	Total/NA	Solid	8015NM Prep	
890-9231-16	CS 16	Total/NA	Solid	8015NM Prep	
890-9231-17	CS 17	Total/NA	Solid	8015NM Prep	
890-9231-18	CS 18	Total/NA	Solid	8015NM Prep	
890-9231-19	CS 19	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Ensolum
Project/Site: RANDY FEDERAL BOOSTER TRANSFER STATION

Job ID: 890-9231-1
SDG: 07A1988292

GC Semi VOA (Continued)

Prep Batch: 126760 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9231-20	CS 20	Total/NA	Solid	8015NM Prep	
MB 880-126760/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-126760/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-126760/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9231-11 MS	CS 11	Total/NA	Solid	8015NM Prep	
890-9231-11 MSD	CS 11	Total/NA	Solid	8015NM Prep	

Prep Batch: 126761

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9231-21	CS 21	Total/NA	Solid	8015NM Prep	
890-9231-22	CS 22	Total/NA	Solid	8015NM Prep	
890-9231-23	CS 23	Total/NA	Solid	8015NM Prep	
890-9231-24	CS 24	Total/NA	Solid	8015NM Prep	
890-9231-25	CS 25	Total/NA	Solid	8015NM Prep	
890-9231-26	CS 26	Total/NA	Solid	8015NM Prep	
890-9231-27	CS 27	Total/NA	Solid	8015NM Prep	
MB 880-126761/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-126761/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-126761/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9231-21 MS	CS 21	Total/NA	Solid	8015NM Prep	
890-9231-21 MSD	CS 21	Total/NA	Solid	8015NM Prep	

Analysis Batch: 126782

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9231-11	CS 11	Total/NA	Solid	8015B NM	126760
890-9231-12	CS 12	Total/NA	Solid	8015B NM	126760
890-9231-13	CS 13	Total/NA	Solid	8015B NM	126760
890-9231-14	CS 14	Total/NA	Solid	8015B NM	126760
890-9231-15	CS 15	Total/NA	Solid	8015B NM	126760
890-9231-16	CS 16	Total/NA	Solid	8015B NM	126760
890-9231-17	CS 17	Total/NA	Solid	8015B NM	126760
890-9231-18	CS 18	Total/NA	Solid	8015B NM	126760
890-9231-19	CS 19	Total/NA	Solid	8015B NM	126760
890-9231-20	CS 20	Total/NA	Solid	8015B NM	126760
MB 880-126760/1-A	Method Blank	Total/NA	Solid	8015B NM	126760
LCS 880-126760/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	126760
LCSD 880-126760/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	126760
890-9231-11 MS	CS 11	Total/NA	Solid	8015B NM	126760
890-9231-11 MSD	CS 11	Total/NA	Solid	8015B NM	126760

Analysis Batch: 126785

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9231-1	CS 01	Total/NA	Solid	8015B NM	126759
890-9231-2	CS 02	Total/NA	Solid	8015B NM	126759
890-9231-3	CS 03	Total/NA	Solid	8015B NM	126759
890-9231-4	CS 04	Total/NA	Solid	8015B NM	126759
890-9231-5	CS 05	Total/NA	Solid	8015B NM	126759
890-9231-6	CS 06	Total/NA	Solid	8015B NM	126759
890-9231-7	CS 07	Total/NA	Solid	8015B NM	126759
890-9231-8	CS 08	Total/NA	Solid	8015B NM	126759

QC Association Summary

Client: Ensolum
Project/Site: RANDY FEDERAL BOOSTER TRANSFER STATION

Job ID: 890-9231-1
SDG: 07A1988292

GC Semi VOA (Continued)

Analysis Batch: 126785 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9231-9	CS 09	Total/NA	Solid	8015B NM	126759
890-9231-10	CS 10	Total/NA	Solid	8015B NM	126759
MB 880-126759/1-A	Method Blank	Total/NA	Solid	8015B NM	126759
LCS 880-126759/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	126759
LCSD 880-126759/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	126759
890-9231-1 MS	CS 01	Total/NA	Solid	8015B NM	126759
890-9231-1 MSD	CS 01	Total/NA	Solid	8015B NM	126759

Analysis Batch: 126801

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9231-21	CS 21	Total/NA	Solid	8015B NM	126761
890-9231-22	CS 22	Total/NA	Solid	8015B NM	126761
890-9231-23	CS 23	Total/NA	Solid	8015B NM	126761
890-9231-24	CS 24	Total/NA	Solid	8015B NM	126761
890-9231-25	CS 25	Total/NA	Solid	8015B NM	126761
890-9231-26	CS 26	Total/NA	Solid	8015B NM	126761
890-9231-27	CS 27	Total/NA	Solid	8015B NM	126761
MB 880-126761/1-A	Method Blank	Total/NA	Solid	8015B NM	126761
LCS 880-126761/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	126761
LCSD 880-126761/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	126761
890-9231-21 MS	CS 21	Total/NA	Solid	8015B NM	126761
890-9231-21 MSD	CS 21	Total/NA	Solid	8015B NM	126761

Analysis Batch: 126905

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9231-1	CS 01	Total/NA	Solid	8015 NM	
890-9231-2	CS 02	Total/NA	Solid	8015 NM	
890-9231-3	CS 03	Total/NA	Solid	8015 NM	
890-9231-4	CS 04	Total/NA	Solid	8015 NM	
890-9231-5	CS 05	Total/NA	Solid	8015 NM	
890-9231-6	CS 06	Total/NA	Solid	8015 NM	
890-9231-7	CS 07	Total/NA	Solid	8015 NM	
890-9231-8	CS 08	Total/NA	Solid	8015 NM	
890-9231-9	CS 09	Total/NA	Solid	8015 NM	
890-9231-10	CS 10	Total/NA	Solid	8015 NM	
890-9231-11	CS 11	Total/NA	Solid	8015 NM	
890-9231-12	CS 12	Total/NA	Solid	8015 NM	
890-9231-13	CS 13	Total/NA	Solid	8015 NM	
890-9231-14	CS 14	Total/NA	Solid	8015 NM	
890-9231-15	CS 15	Total/NA	Solid	8015 NM	
890-9231-16	CS 16	Total/NA	Solid	8015 NM	
890-9231-17	CS 17	Total/NA	Solid	8015 NM	
890-9231-18	CS 18	Total/NA	Solid	8015 NM	
890-9231-19	CS 19	Total/NA	Solid	8015 NM	
890-9231-20	CS 20	Total/NA	Solid	8015 NM	
890-9231-21	CS 21	Total/NA	Solid	8015 NM	
890-9231-22	CS 22	Total/NA	Solid	8015 NM	
890-9231-23	CS 23	Total/NA	Solid	8015 NM	
890-9231-24	CS 24	Total/NA	Solid	8015 NM	
890-9231-25	CS 25	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Ensolum
Project/Site: RANDY FEDERAL BOOSTER TRANSFER STATION

Job ID: 890-9231-1
SDG: 07A1988292

GC Semi VOA (Continued)

Analysis Batch: 126905 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9231-26	CS 26	Total/NA	Solid	8015 NM	
890-9231-27	CS 27	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 126776

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9231-1	CS 01	Soluble	Solid	DI Leach	
890-9231-2	CS 02	Soluble	Solid	DI Leach	
890-9231-3	CS 03	Soluble	Solid	DI Leach	
890-9231-4	CS 04	Soluble	Solid	DI Leach	
890-9231-5	CS 05	Soluble	Solid	DI Leach	
890-9231-6	CS 06	Soluble	Solid	DI Leach	
890-9231-7	CS 07	Soluble	Solid	DI Leach	
890-9231-8	CS 08	Soluble	Solid	DI Leach	
890-9231-9	CS 09	Soluble	Solid	DI Leach	
890-9231-10	CS 10	Soluble	Solid	DI Leach	
890-9231-11	CS 11	Soluble	Solid	DI Leach	
890-9231-12	CS 12	Soluble	Solid	DI Leach	
890-9231-13	CS 13	Soluble	Solid	DI Leach	
890-9231-14	CS 14	Soluble	Solid	DI Leach	
890-9231-15	CS 15	Soluble	Solid	DI Leach	
890-9231-16	CS 16	Soluble	Solid	DI Leach	
890-9231-17	CS 17	Soluble	Solid	DI Leach	
890-9231-18	CS 18	Soluble	Solid	DI Leach	
890-9231-19	CS 19	Soluble	Solid	DI Leach	
890-9231-20	CS 20	Soluble	Solid	DI Leach	
MB 880-126776/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-126776/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-126776/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9231-1 MS	CS 01	Soluble	Solid	DI Leach	
890-9231-1 MSD	CS 01	Soluble	Solid	DI Leach	
890-9231-11 MS	CS 11	Soluble	Solid	DI Leach	
890-9231-11 MSD	CS 11	Soluble	Solid	DI Leach	

Leach Batch: 126777

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9231-21	CS 21	Soluble	Solid	DI Leach	
890-9231-22	CS 22	Soluble	Solid	DI Leach	
890-9231-23	CS 23	Soluble	Solid	DI Leach	
890-9231-24	CS 24	Soluble	Solid	DI Leach	
890-9231-25	CS 25	Soluble	Solid	DI Leach	
890-9231-26	CS 26	Soluble	Solid	DI Leach	
890-9231-27	CS 27	Soluble	Solid	DI Leach	
MB 880-126777/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-126777/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-126777/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9231-21 MS	CS 21	Soluble	Solid	DI Leach	
890-9231-21 MSD	CS 21	Soluble	Solid	DI Leach	

QC Association Summary

Client: Ensolum
Project/Site: RANDY FEDERAL BOOSTER TRANSFER STATION

Job ID: 890-9231-1
SDG: 07A1988292

HPLC/IC

Analysis Batch: 126794

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9231-1	CS 01	Soluble	Solid	300.0	126776
890-9231-2	CS 02	Soluble	Solid	300.0	126776
890-9231-3	CS 03	Soluble	Solid	300.0	126776
890-9231-4	CS 04	Soluble	Solid	300.0	126776
890-9231-5	CS 05	Soluble	Solid	300.0	126776
890-9231-6	CS 06	Soluble	Solid	300.0	126776
890-9231-7	CS 07	Soluble	Solid	300.0	126776
890-9231-8	CS 08	Soluble	Solid	300.0	126776
890-9231-9	CS 09	Soluble	Solid	300.0	126776
890-9231-10	CS 10	Soluble	Solid	300.0	126776
890-9231-11	CS 11	Soluble	Solid	300.0	126776
890-9231-12	CS 12	Soluble	Solid	300.0	126776
890-9231-13	CS 13	Soluble	Solid	300.0	126776
890-9231-14	CS 14	Soluble	Solid	300.0	126776
890-9231-15	CS 15	Soluble	Solid	300.0	126776
890-9231-16	CS 16	Soluble	Solid	300.0	126776
890-9231-17	CS 17	Soluble	Solid	300.0	126776
890-9231-18	CS 18	Soluble	Solid	300.0	126776
890-9231-19	CS 19	Soluble	Solid	300.0	126776
890-9231-20	CS 20	Soluble	Solid	300.0	126776
MB 880-126776/1-A	Method Blank	Soluble	Solid	300.0	126776
LCS 880-126776/2-A	Lab Control Sample	Soluble	Solid	300.0	126776
LCSD 880-126776/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	126776
890-9231-1 MS	CS 01	Soluble	Solid	300.0	126776
890-9231-1 MSD	CS 01	Soluble	Solid	300.0	126776
890-9231-11 MS	CS 11	Soluble	Solid	300.0	126776
890-9231-11 MSD	CS 11	Soluble	Solid	300.0	126776

Analysis Batch: 126797

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9231-21	CS 21	Soluble	Solid	300.0	126777
890-9231-22	CS 22	Soluble	Solid	300.0	126777
890-9231-23	CS 23	Soluble	Solid	300.0	126777
890-9231-24	CS 24	Soluble	Solid	300.0	126777
890-9231-25	CS 25	Soluble	Solid	300.0	126777
890-9231-26	CS 26	Soluble	Solid	300.0	126777
890-9231-27	CS 27	Soluble	Solid	300.0	126777
MB 880-126777/1-A	Method Blank	Soluble	Solid	300.0	126777
LCS 880-126777/2-A	Lab Control Sample	Soluble	Solid	300.0	126777
LCSD 880-126777/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	126777
890-9231-21 MS	CS 21	Soluble	Solid	300.0	126777
890-9231-21 MSD	CS 21	Soluble	Solid	300.0	126777

Lab Chronicle

Client: Ensolum
Project/Site: RANDY FEDERAL BOOSTER TRANSFER STATION

Job ID: 890-9231-1
SDG: 07A1988292

Client Sample ID: CS 01

Lab Sample ID: 890-9231-1
Matrix: Solid
Date Collected: 12/12/25 11:20
Date Received: 12/12/25 17:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	126806	12/15/25 17:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126622	12/15/25 23:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126835	12/15/25 23:32	SA	EET MID
Total/NA	Analysis	8015 NM		1			126905	12/16/25 09:04	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	126759	12/15/25 16:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126785	12/16/25 09:04	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	126776	12/16/25 06:00	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	126794	12/16/25 09:14	CS	EET MID

Client Sample ID: CS 02

Lab Sample ID: 890-9231-2
Matrix: Solid
Date Collected: 12/12/25 13:30
Date Received: 12/12/25 17:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	126806	12/15/25 17:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126622	12/15/25 23:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126835	12/15/25 23:53	SA	EET MID
Total/NA	Analysis	8015 NM		1			126905	12/16/25 09:46	SA	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10.00 mL	126759	12/15/25 16:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126785	12/16/25 09:46	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	126776	12/16/25 06:00	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	126794	12/16/25 09:31	CS	EET MID

Client Sample ID: CS 03

Lab Sample ID: 890-9231-3
Matrix: Solid
Date Collected: 12/12/25 13:35
Date Received: 12/12/25 17:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	126806	12/15/25 17:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126622	12/16/25 00:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126835	12/16/25 00:13	SA	EET MID
Total/NA	Analysis	8015 NM		1			126905	12/16/25 10:00	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	126759	12/15/25 16:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126785	12/16/25 10:00	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	126776	12/16/25 06:00	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	126794	12/16/25 09:36	CS	EET MID

Client Sample ID: CS 04

Lab Sample ID: 890-9231-4
Matrix: Solid
Date Collected: 12/12/25 13:40
Date Received: 12/12/25 17:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	126806	12/15/25 17:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126622	12/16/25 00:34	MNR	EET MID

Lab Chronicle

Client: Ensolum
Project/Site: RANDY FEDERAL BOOSTER TRANSFER STATION

Job ID: 890-9231-1
SDG: 07A1988292

Client Sample ID: CS 04

Lab Sample ID: 890-9231-4
Matrix: Solid
Date Collected: 12/12/25 13:40
Date Received: 12/12/25 17:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Total BTEX		1			126835	12/16/25 00:34	SA	EET MID
Total/NA	Analysis	8015 NM		1			126905	12/16/25 10:14	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	126759	12/15/25 16:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126785	12/16/25 10:14	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	126776	12/16/25 06:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	126794	12/16/25 09:42	CS	EET MID

Client Sample ID: CS 05

Lab Sample ID: 890-9231-5
Matrix: Solid
Date Collected: 12/12/25 13:45
Date Received: 12/12/25 17:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	126806	12/15/25 17:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126622	12/16/25 00:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126835	12/16/25 00:54	SA	EET MID
Total/NA	Analysis	8015 NM		1			126905	12/16/25 10:27	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	126759	12/15/25 16:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126785	12/16/25 10:27	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	126776	12/16/25 06:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	126794	12/16/25 09:48	CS	EET MID

Client Sample ID: CS 06

Lab Sample ID: 890-9231-6
Matrix: Solid
Date Collected: 12/12/25 13:50
Date Received: 12/12/25 17:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	126806	12/15/25 17:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126622	12/16/25 01:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126835	12/16/25 01:15	SA	EET MID
Total/NA	Analysis	8015 NM		1			126905	12/16/25 10:42	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	126759	12/15/25 16:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126785	12/16/25 10:42	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	126776	12/16/25 06:00	SA	EET MID
Soluble	Analysis	300.0		20	50 mL	50 mL	126794	12/16/25 10:05	CS	EET MID

Client Sample ID: CS 07

Lab Sample ID: 890-9231-7
Matrix: Solid
Date Collected: 12/12/25 10:50
Date Received: 12/12/25 17:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	126806	12/15/25 17:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126622	12/16/25 01:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126835	12/16/25 01:35	SA	EET MID
Total/NA	Analysis	8015 NM		1			126905	12/16/25 10:56	SA	EET MID

Lab Chronicle

Client: Ensolum
Project/Site: RANDY FEDERAL BOOSTER TRANSFER STATION

Job ID: 890-9231-1
SDG: 07A1988292

Client Sample ID: CS 07

Lab Sample ID: 890-9231-7
Date Collected: 12/12/25 10:50
Matrix: Solid
Date Received: 12/12/25 17:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	126759	12/15/25 16:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126785	12/16/25 10:56	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	126776	12/16/25 06:00	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	126794	12/16/25 10:10	CS	EET MID

Client Sample ID: CS 08

Lab Sample ID: 890-9231-8
Date Collected: 12/12/25 13:55
Matrix: Solid
Date Received: 12/12/25 17:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	126806	12/15/25 17:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126622	12/16/25 01:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126835	12/16/25 01:55	SA	EET MID
Total/NA	Analysis	8015 NM		1			126905	12/16/25 11:10	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	126759	12/15/25 16:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126785	12/16/25 11:10	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	126776	12/16/25 06:00	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	126794	12/16/25 10:16	CS	EET MID

Client Sample ID: CS 09

Lab Sample ID: 890-9231-9
Date Collected: 12/12/25 14:00
Matrix: Solid
Date Received: 12/12/25 17:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	126806	12/15/25 17:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126622	12/16/25 02:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126835	12/16/25 02:16	SA	EET MID
Total/NA	Analysis	8015 NM		1			126905	12/16/25 11:24	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	126759	12/15/25 16:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126785	12/16/25 11:24	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	126776	12/16/25 06:00	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	126794	12/16/25 10:22	CS	EET MID

Client Sample ID: CS 10

Lab Sample ID: 890-9231-10
Date Collected: 12/12/25 10:40
Matrix: Solid
Date Received: 12/12/25 17:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	126806	12/15/25 17:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126622	12/16/25 02:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126835	12/16/25 02:36	SA	EET MID
Total/NA	Analysis	8015 NM		1			126905	12/16/25 11:37	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	126759	12/15/25 16:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126785	12/16/25 11:37	FC	EET MID

Lab Chronicle

Client: Ensolum
Project/Site: RANDY FEDERAL BOOSTER TRANSFER STATION

Job ID: 890-9231-1
SDG: 07A1988292

Client Sample ID: CS 10

Lab Sample ID: 890-9231-10
Matrix: Solid
Date Collected: 12/12/25 10:40
Date Received: 12/12/25 17:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	126776	12/16/25 06:00	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	126794	12/16/25 10:27	CS	EET MID

Client Sample ID: CS 11

Lab Sample ID: 890-9231-11
Matrix: Solid
Date Collected: 12/12/25 10:37
Date Received: 12/12/25 17:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	126806	12/15/25 17:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126622	12/16/25 04:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126835	12/16/25 04:09	SA	EET MID
Total/NA	Analysis	8015 NM		1			126905	12/16/25 09:04	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	126760	12/15/25 16:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126782	12/16/25 09:04	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	126776	12/16/25 06:00	SA	EET MID
Soluble	Analysis	300.0		20	50 mL	50 mL	126794	12/16/25 10:33	CS	EET MID

Client Sample ID: CS 12

Lab Sample ID: 890-9231-12
Matrix: Solid
Date Collected: 12/12/25 14:03
Date Received: 12/12/25 17:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	126806	12/15/25 17:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126622	12/16/25 04:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126835	12/16/25 04:30	SA	EET MID
Total/NA	Analysis	8015 NM		1			126905	12/16/25 09:46	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	126760	12/15/25 16:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126782	12/16/25 09:46	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	126776	12/16/25 06:00	SA	EET MID
Soluble	Analysis	300.0		20	50 mL	50 mL	126794	12/16/25 10:50	CS	EET MID

Client Sample ID: CS 13

Lab Sample ID: 890-9231-13
Matrix: Solid
Date Collected: 12/12/25 10:30
Date Received: 12/12/25 17:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	126806	12/15/25 17:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126622	12/16/25 04:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126835	12/16/25 04:50	SA	EET MID
Total/NA	Analysis	8015 NM		1			126905	12/16/25 10:00	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	126760	12/15/25 16:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126782	12/16/25 10:00	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	126776	12/16/25 06:00	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	126794	12/16/25 10:56	CS	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Ensolum
Project/Site: RANDY FEDERAL BOOSTER TRANSFER STATION

Job ID: 890-9231-1
SDG: 07A1988292

Client Sample ID: CS 14

Lab Sample ID: 890-9231-14
Date Collected: 12/12/25 14:05
Matrix: Solid
Date Received: 12/12/25 17:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	126806	12/15/25 17:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126622	12/16/25 05:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126835	12/16/25 05:11	SA	EET MID
Total/NA	Analysis	8015 NM		1			126905	12/16/25 10:14	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	126760	12/15/25 16:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126782	12/16/25 10:14	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	126776	12/16/25 06:00	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	126794	12/16/25 11:12	CS	EET MID

Client Sample ID: CS 15

Lab Sample ID: 890-9231-15
Date Collected: 12/12/25 14:08
Matrix: Solid
Date Received: 12/12/25 17:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	126806	12/15/25 17:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126622	12/16/25 05:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126835	12/16/25 05:31	SA	EET MID
Total/NA	Analysis	8015 NM		1			126905	12/16/25 10:27	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	126760	12/15/25 16:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126782	12/16/25 10:27	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	126776	12/16/25 06:00	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	126794	12/16/25 11:18	CS	EET MID

Client Sample ID: CS 16

Lab Sample ID: 890-9231-16
Date Collected: 12/12/25 09:52
Matrix: Solid
Date Received: 12/12/25 17:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	126806	12/15/25 17:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126622	12/16/25 05:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126835	12/16/25 05:51	SA	EET MID
Total/NA	Analysis	8015 NM		1			126905	12/16/25 10:42	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	126760	12/15/25 16:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126782	12/16/25 10:42	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	126776	12/16/25 06:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	126794	12/16/25 11:24	CS	EET MID

Client Sample ID: CS 17

Lab Sample ID: 890-9231-17
Date Collected: 12/12/25 14:10
Matrix: Solid
Date Received: 12/12/25 17:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	126806	12/15/25 17:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126622	12/16/25 06:12	MNR	EET MID

Lab Chronicle

Client: Ensolum
Project/Site: RANDY FEDERAL BOOSTER TRANSFER STATION

Job ID: 890-9231-1
SDG: 07A1988292

Client Sample ID: CS 17

Lab Sample ID: 890-9231-17
Matrix: Solid
Date Collected: 12/12/25 14:10
Date Received: 12/12/25 17:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Total BTEX		1			126835	12/16/25 06:12	SA	EET MID
Total/NA	Analysis	8015 NM		1			126905	12/16/25 10:56	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	126760	12/15/25 16:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126782	12/16/25 10:56	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	126776	12/16/25 06:00	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	126794	12/16/25 11:29	CS	EET MID

Client Sample ID: CS 18

Lab Sample ID: 890-9231-18
Matrix: Solid
Date Collected: 12/12/25 09:57
Date Received: 12/12/25 17:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	126806	12/15/25 17:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126622	12/16/25 06:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126835	12/16/25 06:32	SA	EET MID
Total/NA	Analysis	8015 NM		1			126905	12/16/25 11:10	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	126760	12/15/25 16:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126782	12/16/25 11:10	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	126776	12/16/25 06:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	126794	12/16/25 11:35	CS	EET MID

Client Sample ID: CS 19

Lab Sample ID: 890-9231-19
Matrix: Solid
Date Collected: 12/12/25 10:00
Date Received: 12/12/25 17:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	126806	12/15/25 17:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126622	12/16/25 06:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126835	12/16/25 06:53	SA	EET MID
Total/NA	Analysis	8015 NM		1			126905	12/16/25 11:24	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	126760	12/15/25 16:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126782	12/16/25 11:24	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	126776	12/16/25 06:00	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	126794	12/16/25 11:41	CS	EET MID

Client Sample ID: CS 20

Lab Sample ID: 890-9231-20
Matrix: Solid
Date Collected: 12/12/25 10:05
Date Received: 12/12/25 17:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	126806	12/15/25 17:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126622	12/16/25 07:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126835	12/16/25 07:13	SA	EET MID
Total/NA	Analysis	8015 NM		1			126905	12/16/25 11:37	SA	EET MID

Lab Chronicle

Client: Ensolum
Project/Site: RANDY FEDERAL BOOSTER TRANSFER STATION

Job ID: 890-9231-1
SDG: 07A1988292

Client Sample ID: CS 20

Lab Sample ID: 890-9231-20
Date Collected: 12/12/25 10:05
Matrix: Solid
Date Received: 12/12/25 17:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	126760	12/15/25 16:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126782	12/16/25 11:37	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	126776	12/16/25 06:00	SA	EET MID
Soluble	Analysis	300.0		20	50 mL	50 mL	126794	12/16/25 11:46	CS	EET MID

Client Sample ID: CS 21

Lab Sample ID: 890-9231-21
Date Collected: 12/12/25 14:15
Matrix: Solid
Date Received: 12/12/25 17:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	126837	12/16/25 08:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126789	12/16/25 11:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126835	12/16/25 11:22	SA	EET MID
Total/NA	Analysis	8015 NM		1			126905	12/16/25 14:39	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	126761	12/15/25 17:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126801	12/16/25 14:39	SA	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	126777	12/16/25 06:03	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	126797	12/16/25 09:48	CS	EET MID

Client Sample ID: CS 22

Lab Sample ID: 890-9231-22
Date Collected: 12/12/25 10:10
Matrix: Solid
Date Received: 12/12/25 17:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	126837	12/16/25 08:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126789	12/16/25 11:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126835	12/16/25 11:43	SA	EET MID
Total/NA	Analysis	8015 NM		1			126905	12/16/25 15:24	SA	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10.00 mL	126761	12/15/25 17:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126801	12/16/25 15:24	SA	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	126777	12/16/25 06:03	SA	EET MID
Soluble	Analysis	300.0		20	50 mL	50 mL	126797	12/16/25 10:33	CS	EET MID

Client Sample ID: CS 23

Lab Sample ID: 890-9231-23
Date Collected: 12/12/25 10:13
Matrix: Solid
Date Received: 12/12/25 17:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	126837	12/16/25 08:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126789	12/16/25 12:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126835	12/16/25 12:03	SA	EET MID
Total/NA	Analysis	8015 NM		1			126905	12/16/25 15:39	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	126761	12/15/25 17:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126801	12/16/25 15:39	SA	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Ensolum
Project/Site: RANDY FEDERAL BOOSTER TRANSFER STATION

Job ID: 890-9231-1
SDG: 07A1988292

Client Sample ID: CS 23

Lab Sample ID: 890-9231-23
Matrix: Solid
Date Collected: 12/12/25 10:13
Date Received: 12/12/25 17:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.95 g	50 mL	126777	12/16/25 06:03	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	126797	12/16/25 10:40	CS	EET MID

Client Sample ID: CS 24

Lab Sample ID: 890-9231-24
Matrix: Solid
Date Collected: 12/12/25 10:15
Date Received: 12/12/25 17:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	126837	12/16/25 08:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126789	12/16/25 12:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126835	12/16/25 12:24	SA	EET MID
Total/NA	Analysis	8015 NM		1			126905	12/16/25 15:54	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	126761	12/15/25 17:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126801	12/16/25 15:54	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	126777	12/16/25 06:03	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	126797	12/16/25 10:47	CS	EET MID

Client Sample ID: CS 25

Lab Sample ID: 890-9231-25
Matrix: Solid
Date Collected: 12/12/25 14:10
Date Received: 12/12/25 17:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	126837	12/16/25 08:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126789	12/16/25 13:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126835	12/16/25 13:41	SA	EET MID
Total/NA	Analysis	8015 NM		1			126905	12/16/25 16:09	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	126761	12/15/25 17:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126801	12/16/25 16:09	SA	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	126777	12/16/25 06:03	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	126797	12/16/25 10:54	CS	EET MID

Client Sample ID: CS 26

Lab Sample ID: 890-9231-26
Matrix: Solid
Date Collected: 12/12/25 10:22
Date Received: 12/12/25 17:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	126837	12/16/25 08:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126789	12/16/25 14:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126835	12/16/25 14:01	SA	EET MID
Total/NA	Analysis	8015 NM		1			126905	12/16/25 16:24	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	126761	12/15/25 17:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126801	12/16/25 16:24	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	126777	12/16/25 06:03	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	126797	12/16/25 11:37	CS	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Ensolum
Project/Site: RANDY FEDERAL BOOSTER TRANSFER STATION

Job ID: 890-9231-1
SDG: 07A1988292

Client Sample ID: CS 27

Date Collected: 12/12/25 10:25
Date Received: 12/12/25 17:40

Lab Sample ID: 890-9231-27

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	126837	12/16/25 08:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	126789	12/16/25 14:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			126835	12/16/25 14:22	SA	EET MID
Total/NA	Analysis	8015 NM		1			126905	12/16/25 16:39	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	126761	12/15/25 17:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	126801	12/16/25 16:39	SA	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	126777	12/16/25 06:03	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	126797	12/16/25 11:16	CS	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Ensolum
Project/Site: RANDY FEDERAL BOOSTER TRANSFER STATION

Job ID: 890-9231-1
SDG: 07A1988292

Laboratory: Eurofins Midland

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

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

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

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

Method Summary

Client: Ensolum
Project/Site: RANDY FEDERAL BOOSTER TRANSFER STATION

Job ID: 890-9231-1
SDG: 07A1988292

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Ensolum
Project/Site: RANDY FEDERAL BOOSTER TRANSFER STATION

Job ID: 890-9231-1
SDG: 07A1988292

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-9231-1	CS 01	Solid	12/12/25 11:20	12/12/25 17:40	0.5
890-9231-2	CS 02	Solid	12/12/25 13:30	12/12/25 17:40	0.5
890-9231-3	CS 03	Solid	12/12/25 13:35	12/12/25 17:40	0.5
890-9231-4	CS 04	Solid	12/12/25 13:40	12/12/25 17:40	0.5
890-9231-5	CS 05	Solid	12/12/25 13:45	12/12/25 17:40	0.5
890-9231-6	CS 06	Solid	12/12/25 13:50	12/12/25 17:40	0.5
890-9231-7	CS 07	Solid	12/12/25 10:50	12/12/25 17:40	0.5
890-9231-8	CS 08	Solid	12/12/25 13:55	12/12/25 17:40	0.5
890-9231-9	CS 09	Solid	12/12/25 14:00	12/12/25 17:40	0.5
890-9231-10	CS 10	Solid	12/12/25 10:40	12/12/25 17:40	0.5
890-9231-11	CS 11	Solid	12/12/25 10:37	12/12/25 17:40	0.5
890-9231-12	CS 12	Solid	12/12/25 14:03	12/12/25 17:40	0.5
890-9231-13	CS 13	Solid	12/12/25 10:30	12/12/25 17:40	0.5
890-9231-14	CS 14	Solid	12/12/25 14:05	12/12/25 17:40	0.5
890-9231-15	CS 15	Solid	12/12/25 14:08	12/12/25 17:40	0.5
890-9231-16	CS 16	Solid	12/12/25 09:52	12/12/25 17:40	0.5
890-9231-17	CS 17	Solid	12/12/25 14:10	12/12/25 17:40	0.5
890-9231-18	CS 18	Solid	12/12/25 09:57	12/12/25 17:40	0.5
890-9231-19	CS 19	Solid	12/12/25 10:00	12/12/25 17:40	0.5
890-9231-20	CS 20	Solid	12/12/25 10:05	12/12/25 17:40	0.5
890-9231-21	CS 21	Solid	12/12/25 14:15	12/12/25 17:40	0.5
890-9231-22	CS 22	Solid	12/12/25 10:10	12/12/25 17:40	0.5
890-9231-23	CS 23	Solid	12/12/25 10:13	12/12/25 17:40	0.5
890-9231-24	CS 24	Solid	12/12/25 10:15	12/12/25 17:40	0.5
890-9231-25	CS 25	Solid	12/12/25 14:10	12/12/25 17:40	0.5
890-9231-26	CS 26	Solid	12/12/25 10:22	12/12/25 17:40	0.5
890-9231-27	CS 27	Solid	12/12/25 10:25	12/12/25 17:40	0.5

eurofins | 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: _____

www.xenco.com Page 1 of 3

Project Manager:	KALEL JENNINGS	Bill to: (if different)	ATTN: BILLY GINN
Company Name:	ENSOLUM, LLC	Company Name:	
Address:	601 N MARIENFELD	Address:	
City, State ZIP:	MIDLAND, TX, 79701	City, State ZIP:	
Phone:	817 683 2503	Email:	Kjennings@ensolum.com

Work Order Comments

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

Project Name:	Randy Federal Booster Transfer Station	Turn Around	Pres. Code
Project Number:	07A1988292	☐ Routine ☒ Rush 24hr	
Project Location:	ARTESIA	Due Date:	
Sampler's Name:	Azuka Raphael	TAT starts the day received by the lab, if received by 4:30pm	
PO #:	07A1988292		

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Samples Received Intact:	(Yes) No	Thermometer ID:	Inmec7
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	-0.4
Total Containers:		Corrected Temperature:	-0.2

Preservative Codes

None: NO | DI Water: H_2O
Cool | MeOH: Me
HCL: HC | HNO_3: HN
H_2SO_4: H_2 | NaOH: Na
H_3PO_4: HP
NaHSO $_4$: NABIS
$Na_2S_2O_3$: NaSO $_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

ANALYSIS REQUEST

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	BTEX 8021	TPH 8015	CHLORIDE 4500	Sample Comments
CS01	S	12.12.25	1120	0.5	C	1	X	X	X	
CS02			1330				X	X	X	
CS03			1335				X	X	X	
CS04			1340				X	X	X	
CS05			1345				X	X	X	
CS06			1350				X	X	X	
CS07			1050				X	X	X	
CS08			1355				X	X	X	
CS09			1400				X	X	X	
CS10	S	12.12.25	1040	0.5	C	1	X	X	X	

NFC 12.12.25

890-9231 Chain of Custody

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 : 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	Sunn S	12-12 540			
3			4		
			6		

12-12-25

Revised Date: 08/25/2020 Rev. 2020.2

eurofins | 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: _____

www.xenco.com Page 2 of 4

Project Manager:	KALEI JENNING	Bill to: (if different)	BILLY GINN
Company Name:	Ensolum, LLC	Company Name:	
Address:	601 N MARIENFELD	Address:	
City, State ZIP:	MIDLAND, TX, 79701	City, State ZIP:	
Phone:	817 683 2503	Email:	Kjennings@ensolum.com

Work Order Comments

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

Project Name:	Rocky Federal Booster Transfer Station	Turn Around	
Project Number:	07A1988292	☐ Routine ☒ Rush 24hr	Pres. Code
Project Location:	ARTESIA	Due Date: 24hrs	
Sampler's Name:	Azuka Raphael	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No	Parameters
Samples Received Intact:	(Yes) No	Thermometer ID:	THMC	
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2	
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	-0.4	
Total Containers:		Corrected Temperature:	-0.2	

ANALYSIS REQUEST

Preservative Codes

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

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	BTEX 8021	TPH 8015	CHLORIDE 4500	Sample Comments
CS11	S	12.12.25	1037	0.5	C	1	X	X	X	
CS12			1403				X	X	X	
CS13			1030				X	X	X	
CS14			1405				X	X	X	
CS15			1408				X	X	X	
CS16			0952				X	X	X	
CS17			1410				X	X	X	
CS18			0957				X	X	X	
CS19			1000				X	X	X	
CS20	S	12.12.25	1005	0.5	C	1	X	X	X	

12.12.25 24

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 : 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

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

12.12.25

Revised Date: 08/25/2020 Rev. 2020.2

eurofins | 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: _____

www.xenco.com Page 3 of 3

Project Manager:	KALEI JENNINGS	Bill to: (if different)	BILLY GINN
Company Name:	ENSOLUM LLC	Company Name:	
Address:	601 N MARIENFELD	Address:	
City, State ZIP:	MIDLAND, TX, 79701	City, State ZIP:	
Phone:	817 683 2503	Email:	kjennings@ensolum.com

Work Order Comments

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

Project Name:	Randy Federal Booster Transfer Station	Turn Around		Pres. Code	
Project Number:	07A198292	☐ Routine	☒ Rush		
Project Location:	ARTESIA	Due Date:	24hrs.		
Sampler's Name:	Azuka / Raphael	TAT starts the day received by the lab, if received by 4:30pm			
PO #:					

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Samples Received Intact:	(Yes) No	Thermometer ID:	Inmac
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	-0.4
Total Containers:		Corrected Temperature:	-0.2

Preservative Codes

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

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	BTEX 8021	TPH 8015	CHLORIDE 4500	Sample Comments
CS21	S	12.12.25	1415	0.5	C	1	X	X	X	
CS22			1010				X	X	X	
CS23			1013				X	X	X	
CS24			1015				X	X	X	
CS25			1418				X	X	X	
CS26	S		1022				X	X	X	
CS27	S	12.12.25	1025	0.5	C	1	X	X	X	

NEW

12.12.25

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 : 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

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

12.12.25

Revised Date: 08/25/2020 Rev. 2020.2

Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-9231-1
SDG Number: 07A1988292

Login Number: 9231
List Number: 1
Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

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

Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-9231-1
SDG Number: 07A1988292

Login Number: 9231
List Number: 2
Creator: Laing, Edmundo

List Source: Eurofins Midland
List Creation: 12/16/25 07:51 AM

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

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Kalei Jennings
Ensolum
601 N. Marienfeld St.
Suite 400
Midland, Texas 79701

Generated 1/13/2026 9:04:14 AM Revision 1

JOB DESCRIPTION

Randy Federal Booster Transfer Station
07A1988292

JOB NUMBER

890-9327-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

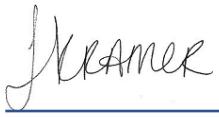
Eurofins Carlsbad

Job Notes

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

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

Authorization



Generated
1/13/2026 9:04:14 AM
Revision 1

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

Client: Ensolum
Project/Site: Randy Federal Booster Transfer Station

Laboratory Job ID: 890-9327-1
SDG: 07A1988292

Table of Contents

Definitions/Glossary

Client: Ensolum
Project/Site: Randy Federal Booster Transfer Station

Job ID: 890-9327-1
SDG: 07A1988292

Qualifiers

GC VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Ensolum Job ID: 890-9327-1
Project: Randy Federal Booster Transfer Station

Job ID: 890-9327-1 Eurofins Carlsbad

Job Narrative
890-9327-1

REVISION

The report being provided is a revision of the original report sent on 1/9/2026. The report (revision 1) is being revised due to Per client email, requesting project name correction.

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

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

Receipt
The sample was received on 1/8/2026 2:23 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.0°C.

Receipt Exceptions
The following sample was received and analyzed from an unpreserved bulk soil jar: DS 04 A (890-9327-1).

GC VOA
Method 8021B: Batch preparation batch 880-128573 and analytical batch 880-128553 is reported without a matrix spike/matrix spike duplicate (MS/MSD). The batch MS/MSD was originally performed on another client's sample, and this test was canceled at client request. This MS/MSD result does not have immediate bearing on any samples except for the actual sample spiked. The associated laboratory control sample (LCS) met acceptance criteria and provides long-term precision and accuracy for this batch.

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

Diesel Range Organics
Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-128499/2-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

HPLC/IC
Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-128548 and analytical batch 880-128594 were outside control limits for Chloride . See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

The associated samples are: DS 04 A (890-9327-1), (880-66780-A-5-A), (880-66780-A-5-B MS) and (880-66780-A-5-C MSD).

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

Client Sample Results

Client: Ensolum
Project/Site: Randy Federal Booster Transfer Station

Job ID: 890-9327-1
SDG: 07A1988292

Client Sample ID: DS 04 A

Date Collected: 01/08/26 09:16
Date Received: 01/08/26 14:23
Sample Depth: 0.5'

Lab Sample ID: 890-9327-1

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		01/09/26 09:06	01/09/26 11:50	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/09/26 09:06	01/09/26 11:50	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/09/26 09:06	01/09/26 11:50	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		01/09/26 09:06	01/09/26 11:50	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/09/26 09:06	01/09/26 11:50	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/09/26 09:06	01/09/26 11:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*01/09/26 09:06*	*01/09/26 11:50*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*01/09/26 09:06*	*01/09/26 11:50*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			01/09/26 11:50	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			01/09/26 09:35	1

Method: SW846 8015B NM - Diesel Range Organics (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		01/08/26 12:26	01/09/26 09:35	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		01/08/26 12:26	01/09/26 09:35	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		01/08/26 12:26	01/09/26 09:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*121*		*70 - 130*	*01/08/26 12:26*	*01/09/26 09:35*	*1*
o-Terphenyl	*115*		*70 - 130*	*01/08/26 12:26*	*01/09/26 09:35*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**28.1**		9.96		mg/Kg			01/09/26 10:42	1

Surrogate Summary

Client: Ensolum
Project/Site: Randy Federal Booster Transfer Station

Job ID: 890-9327-1
SDG: 07A1988292

Method: 8021B - Volatile Organic Compounds (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID		
880-66779-A-5-D MS	Matrix Spike		

Surrogate Legend

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

Method: 8021B - Volatile Organic Compounds (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
890-9327-1	DS 04 A	109	96
LCS 880-128573/1-A	Lab Control Sample	107	95
LCSD 880-128573/2-A	Lab Control Sample Dup	111	95
MB 880-128573/5-A	Method Blank	102	88

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
890-9327-1	DS 04 A	121	115
890-9327-1 MS	DS 04 A	106	106
890-9327-1 MSD	DS 04 A	112	118
LCS 880-128499/2-A	Lab Control Sample	122	141 S1+
LCSD 880-128499/3-A	Lab Control Sample Dup	120	126
MB 880-128499/1-A	Method Blank	106	105

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: Ensolum
Project/Site: Randy Federal Booster Transfer Station

Job ID: 890-9327-1
SDG: 07A1988292

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-128573/5-A
Matrix: Solid
Analysis Batch: 128553

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 128573

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/09/26 09:06	01/09/26 11:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/09/26 09:06	01/09/26 11:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/09/26 09:06	01/09/26 11:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/09/26 09:06	01/09/26 11:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/09/26 09:06	01/09/26 11:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/09/26 09:06	01/09/26 11:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*01/09/26 09:06*	*01/09/26 11:08*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*01/09/26 09:06*	*01/09/26 11:08*	*1*

Lab Sample ID: LCS 880-128573/1-A
Matrix: Solid
Analysis Batch: 128553

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 128573

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1181		mg/Kg		118	70 - 130		
Toluene			0.100	0.1068		mg/Kg		107	70 - 130		
Ethylbenzene			0.100	0.1088		mg/Kg		109	70 - 130		
m-Xylene & p-Xylene			0.200	0.2142		mg/Kg		107	70 - 130		
o-Xylene			0.100	0.1071		mg/Kg		107	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*

Lab Sample ID: LCSD 880-128573/2-A
Matrix: Solid
Analysis Batch: 128553

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 128573

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1173		mg/Kg		117	70 - 130	1	35
Toluene			0.100	0.1066		mg/Kg		107	70 - 130	0	35
Ethylbenzene			0.100	0.1085		mg/Kg		109	70 - 130	0	35
m-Xylene & p-Xylene			0.200	0.2152		mg/Kg		108	70 - 130	0	35
o-Xylene			0.100	0.1079		mg/Kg		108	70 - 130	1	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*

Lab Sample ID: 880-66779-A-5-D MS
Matrix: Solid
Analysis Batch: 128553

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 128573

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1063		mg/Kg			-		
Toluene			0.100	0.09812		mg/Kg			-		

QC Sample Results

Client: Ensolum
Project/Site: Randy Federal Booster Transfer Station

Job ID: 890-9327-1
SDG: 07A1988292

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

Lab Sample ID: 880-66779-A-5-D MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 128553 — **Prep Batch: 128573**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene			0.100	0.09958		mg/Kg			-
m-Xylene & p-Xylene			0.200	0.1983		mg/Kg			-
o-Xylene			0.100	0.09908		mg/Kg			-

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

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

Lab Sample ID: MB 880-128499/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 128577 — **Prep Batch: 128499**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/08/26 12:26	01/09/26 06:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/08/26 12:26	01/09/26 06:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/08/26 12:26	01/09/26 06:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*106*		*70 - 130*	*01/08/26 12:26*	*01/09/26 06:02*	*1*
o-Terphenyl	*105*		*70 - 130*	*01/08/26 12:26*	*01/09/26 06:02*	*1*

Lab Sample ID: LCS 880-128499/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 128577 — **Prep Batch: 128499**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10			1000	1078		mg/Kg		108	70 - 130
Diesel Range Organics (Over C10-C28)			1000	1227		mg/Kg		123	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*122*		*70 - 130*
o-Terphenyl	*141*	*S1+*	*70 - 130*

Lab Sample ID: LCSD 880-128499/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 128577 — **Prep Batch: 128499**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1097		mg/Kg		110	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	1134		mg/Kg		113	70 - 130	8	20

QC Sample Results

Client: Ensolum
Project/Site: Randy Federal Booster Transfer Station

Job ID: 890-9327-1
SDG: 07A1988292

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

Lab Sample ID: LCSD 880-128499/3-A
Matrix: Solid
Analysis Batch: 128577

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 128499

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	120		70 - 130
o-Terphenyl	126		70 - 130

Lab Sample ID: 890-9327-1 MS
Matrix: Solid
Analysis Batch: 128577

Client Sample ID: DS 04 A
Prep Type: Total/NA
Prep Batch: 128499

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	999	960.4		mg/Kg		96	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.2	U	999	958.1		mg/Kg		96	70 - 130		

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

Lab Sample ID: 890-9327-1 MSD
Matrix: Solid
Analysis Batch: 128577

Client Sample ID: DS 04 A
Prep Type: Total/NA
Prep Batch: 128499

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	999	981.0		mg/Kg		98	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.2	U	999	1026		mg/Kg		103	70 - 130	7	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	112		70 - 130
o-Terphenyl	118		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-128548/1-A
Matrix: Solid
Analysis Batch: 128594

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			01/09/26 10:13	1

Lab Sample ID: LCS 880-128548/2-A
Matrix: Solid
Analysis Batch: 128594

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	235.2		mg/Kg		94	90 - 110		

QC Sample Results

Client: Ensolum
Project/Site: Randy Federal Booster Transfer Station

Job ID: 890-9327-1
SDG: 07A1988292

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-128548/3-A
Matrix: Solid
Analysis Batch: 128594

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	235.9		mg/Kg		94	90 - 110	0	20

Lab Sample ID: 880-66780-A-5-B MS
Matrix: Solid
Analysis Batch: 128594

Client Sample ID: Matrix Spike
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	864	F1	249	1082	F1	mg/Kg		87	90 - 110		

Lab Sample ID: 880-66780-A-5-C MSD
Matrix: Solid
Analysis Batch: 128594

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	864	F1	249	1078	F1	mg/Kg		86	90 - 110	0	20

QC Association Summary

Client: Ensolum
Project/Site: Randy Federal Booster Transfer Station

Job ID: 890-9327-1
SDG: 07A1988292

GC VOA

Analysis Batch: 128553

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9327-1	DS 04 A	Total/NA	Solid	8021B	128573
MB 880-128573/5-A	Method Blank	Total/NA	Solid	8021B	128573
LCS 880-128573/1-A	Lab Control Sample	Total/NA	Solid	8021B	128573
LCSD 880-128573/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	128573
880-66779-A-5-D MS	Matrix Spike	Total/NA	Solid	8021B	128573

Prep Batch: 128573

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9327-1	DS 04 A	Total/NA	Solid	5035	
MB 880-128573/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-128573/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-128573/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-66779-A-5-D MS	Matrix Spike	Total/NA	Solid	5035	

Analysis Batch: 128636

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9327-1	DS 04 A	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 128499

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9327-1	DS 04 A	Total/NA	Solid	8015NM Prep	
MB 880-128499/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-128499/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-128499/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9327-1 MS	DS 04 A	Total/NA	Solid	8015NM Prep	
890-9327-1 MSD	DS 04 A	Total/NA	Solid	8015NM Prep	

Analysis Batch: 128577

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9327-1	DS 04 A	Total/NA	Solid	8015B NM	128499
MB 880-128499/1-A	Method Blank	Total/NA	Solid	8015B NM	128499
LCS 880-128499/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	128499
LCSD 880-128499/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	128499
890-9327-1 MS	DS 04 A	Total/NA	Solid	8015B NM	128499
890-9327-1 MSD	DS 04 A	Total/NA	Solid	8015B NM	128499

Analysis Batch: 128622

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9327-1	DS 04 A	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 128548

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9327-1	DS 04 A	Soluble	Solid	DI Leach	
MB 880-128548/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-128548/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-128548/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-66780-A-5-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-66780-A-5-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

QC Association Summary

Client: Ensolum
Project/Site: Randy Federal Booster Transfer Station

Job ID: 890-9327-1
SDG: 07A1988292

HPLC/IC

Analysis Batch: 128594

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9327-1	DS 04 A	Soluble	Solid	300.0	128548
MB 880-128548/1-A	Method Blank	Soluble	Solid	300.0	128548
LCS 880-128548/2-A	Lab Control Sample	Soluble	Solid	300.0	128548
LCSD 880-128548/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	128548
880-66780-A-5-B MS	Matrix Spike	Soluble	Solid	300.0	128548
880-66780-A-5-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	128548

Lab Chronicle

Client: Ensolum
Project/Site: Randy Federal Booster Transfer Station

Job ID: 890-9327-1
SDG: 07A1988292

Client Sample ID: DS 04 A

Date Collected: 01/08/26 09:16
Date Received: 01/08/26 14:23

Lab Sample ID: 890-9327-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	128573	01/09/26 09:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	128553	01/09/26 11:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			128636	01/09/26 11:50	SA	EET MID
Total/NA	Analysis	8015 NM		1			128622	01/09/26 09:35	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	128499	01/08/26 12:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128577	01/09/26 09:35	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	128548	01/09/26 07:58	SA	EET MID
Soluble	Analysis	300.0		1			128594	01/09/26 10:42	SMC	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Ensolum
Project/Site: Randy Federal Booster Transfer Station

Job ID: 890-9327-1
SDG: 07A1988292

Laboratory: Eurofins Midland

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

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

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

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

Method Summary

Client: Ensolum
Project/Site: Randy Federal Booster Transfer Station

Job ID: 890-9327-1
SDG: 07A1988292

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

Protocol References:

ASTM = ASTM International
EPA = US Environmental Protection Agency
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Ensolum
Project/Site: Randy Federal Booster Transfer Station

Job ID: 890-9327-1
SDG: 07A1988292

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-9327-1	DS 04 A	Solid	01/08/26 09:16	01/08/26 14:23	0.5'

9327

eurofins | 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: _____

www.xenco.com Page _____ of _____

Project Manager:	Kara Naegeli	Bill to: (if different)	Billy Ginn
Company Name:	Ensolum, LLC	Company Name:	Hilcorp
Address:	3122 National Parks Hwy	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	512-709-2473	Email:	knaegeli@ensolum.com; kjennings@ensolum.com aferrell@ensolum.com

Work Order Comments

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

Project Name:	E L Federal #005	Turn Around	
Project Number:	07A1988292	☐ Routine ☑ Rush	
Project Location:	32.823, -103.952	Due Date:	24-hr
Sampler's Name:	Alex Ferrell	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT				
Temp Blank:	(Yes) No	Wet Ice:	(Yes) No	
Samples Received Intact:	(Yes) No	Thermometer ID:	Tnm007	
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2	
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	3.2	
Total Containers:		Corrected Temperature:	3.0	

ANALYSIS REQUEST

Preservative Codes

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

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Parameters: Chloride 4500	TPH 8015	BTEX 8021	Sample Comments
DS04A	Soil	1/8/2026	916	0.5'	Comp	1		X	X	X	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010:** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		1-8 14:16	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

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

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer, Jessica	Carrier Tracking No(s): N/A	COC No: 890-6328.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: New Mexico	Page: Page 1 of 1
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-9327-1
Address: 1211 W. Florida Ave, ,	Due Date Requested: 1/9/2026			Preservation Codes: -
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: E L FEDERAL #005	Project #: 89000236			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_NM/8015NM_S_Prep(MOD) Full TPH	8015MOD_Calc	300_ORGFM_28D/DI_LEACH Chloride	8021B/5035FP_Calc(MOD) BTEX	Total_BTEX_GCV	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
DS 04 A (890-9327-1)	1/8/26	09:16 Mountain	G	Solid			X	X	X	X	X	1	

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

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

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	1-8 1630		EP	1-9-26 800	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-9327-1
SDG Number: 07A1988292

Login Number: 9327
List Number: 1
Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

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

Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-9327-1
SDG Number: 07A1988292

Login Number: 9327
List Number: 2
Creator: Dyal, Erica

List Source: Eurofins Midland
List Creation: 01/09/26 08:19 AM

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

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Kalei Jennings
Ensolum
601 N. Marienfeld St.
Suite 400
Midland, Texas 79701

Generated 1/13/2026 9:05:57 AM Revision 1

JOB DESCRIPTION

Randy Federal Booster Transfer Station
07A1988292

JOB NUMBER

890-9328-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

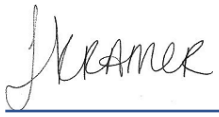
Eurofins Carlsbad

Job Notes

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

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

Authorization



Generated
1/13/2026 9:05:57 AM
Revision 1

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

Table of Contents

Definitions/Glossary

Client: Ensolum
Project/Site: Randy Federal Booster Transfer Station

Job ID: 890-9328-1
SDG: 07A1988292

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Ensolum Job ID: 890-9328-1
Project: Randy Federal Booster Transfer Station

Job ID: 890-9328-1 **Eurofins Carlsbad**

Job Narrative
890-9328-1

REVISION

The report being provided is a revision of the original report sent on 1/9/2026. The report (revision 1) is being revised due to Per client email, requesting project name correction.

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

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

Receipt
The sample was received on 1/8/2026 2:16 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.0°C.

Receipt Exceptions
The following sample was received and analyzed from an unpreserved bulk soil jar: CS 11 A (890-9328-1).

GC VOA
Method 8021B: Surrogate recovery for the following sample was outside control limits: CS 11 A (890-9328-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-128574 and analytical batch 880-128556 was outside the control limits.

Method 8021B: Batch preparation batch 880-128574 and analytical batch 880-128556 is reported without a matrix spike/matrix spike duplicate (MS/MSD). The batch MS/MSD was originally performed on another client's sample, and this test was canceled at client request. This MS/MSD result does not have immediate bearing on any samples except for the actual sample spiked. The associated laboratory control sample (LCS) met acceptance criteria and provides long-term precision and accuracy for this batch.

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

Diesel Range Organics
Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-128499/2-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

HPLC/IC
Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-128548 and analytical batch 880-128594 were outside control limits for Chloride . See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

The associated samples are: CS 11 A (890-9328-1), (880-66780-A-5-A), (880-66780-A-5-B MS) and (880-66780-A-5-C MSD).

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

Case Narrative

Client: Ensolum
Job ID: 890-9328-1
Project: Randy Federal Booster Transfer Station

Job ID: 890-9328-1 (Continued)

Eurofins Carlsbad

Client Sample Results

Client: Ensolum
Project/Site: Randy Federal Booster Transfer Station

Job ID: 890-9328-1
SDG: 07A1988292

Client Sample ID: CS 11 A

Date Collected: 01/08/26 10:45
Date Received: 01/08/26 14:16
Sample Depth: 0.75'

Lab Sample ID: 890-9328-1

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		01/09/26 09:09	01/09/26 12:04	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/09/26 09:09	01/09/26 12:04	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/09/26 09:09	01/09/26 12:04	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		01/09/26 09:09	01/09/26 12:04	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/09/26 09:09	01/09/26 12:04	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/09/26 09:09	01/09/26 12:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*83*		*70 - 130*	*01/09/26 09:09*	*01/09/26 12:04*	*1*
1,4-Difluorobenzene (Surr)	*68*	*S1-*	*70 - 130*	*01/09/26 09:09*	*01/09/26 12:04*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			01/09/26 12:04	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			01/09/26 10:19	1

Method: SW846 8015B NM - Diesel Range Organics (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		01/08/26 12:26	01/09/26 10:19	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		01/08/26 12:26	01/09/26 10:19	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		01/08/26 12:26	01/09/26 10:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*118*		*70 - 130*	*01/08/26 12:26*	*01/09/26 10:19*	*1*
o-Terphenyl	*112*		*70 - 130*	*01/08/26 12:26*	*01/09/26 10:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4220**		99.2		mg/Kg			01/09/26 10:47	10

Surrogate Summary

Client: Ensolum
Project/Site: Randy Federal Booster Transfer Station

Job ID: 890-9328-1
SDG: 07A1988292

Method: 8021B - Volatile Organic Compounds (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID		
880-66779-A-1-F MS	Matrix Spike		

Surrogate Legend

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

Method: 8021B - Volatile Organic Compounds (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
890-9328-1	CS 11 A	83	68 S1-
LCS 880-128574/1-A	Lab Control Sample	92	90
LCSD 880-128574/2-A	Lab Control Sample Dup	76	85
MB 880-128574/5-A	Method Blank	89	55 S1-

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
890-9327-A-1-D MSD	Matrix Spike Duplicate	112	118
890-9327-A-1-E MS	Matrix Spike	106	106
890-9328-1	CS 11 A	118	112
LCS 880-128499/2-A	Lab Control Sample	122	141 S1+
LCSD 880-128499/3-A	Lab Control Sample Dup	120	126
MB 880-128499/1-A	Method Blank	106	105

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: Ensolum
Project/Site: Randy Federal Booster Transfer Station

Job ID: 890-9328-1
SDG: 07A1988292

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-128574/5-A
Matrix: Solid
Analysis Batch: 128556

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 128574

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/09/26 09:09	01/09/26 11:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/09/26 09:09	01/09/26 11:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/09/26 09:09	01/09/26 11:22	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/09/26 09:09	01/09/26 11:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/09/26 09:09	01/09/26 11:22	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/09/26 09:09	01/09/26 11:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*	*01/09/26 09:09*	*01/09/26 11:22*	*1*
1,4-Difluorobenzene (Surr)	*55*	*S1-*	*70 - 130*	*01/09/26 09:09*	*01/09/26 11:22*	*1*

Lab Sample ID: LCS 880-128574/1-A
Matrix: Solid
Analysis Batch: 128556

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 128574

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.09957		mg/Kg		100	70 - 130		
Toluene			0.100	0.08263		mg/Kg		83	70 - 130		
Ethylbenzene			0.100	0.07861		mg/Kg		79	70 - 130		
m-Xylene & p-Xylene			0.200	0.1925		mg/Kg		96	70 - 130		
o-Xylene			0.100	0.09914		mg/Kg		99	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*

Lab Sample ID: LCSD 880-128574/2-A
Matrix: Solid
Analysis Batch: 128556

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 128574

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.08755		mg/Kg		88	70 - 130	13	35
Toluene			0.100	0.07930		mg/Kg		79	70 - 130	4	35
Ethylbenzene			0.100	0.08184		mg/Kg		82	70 - 130	4	35
m-Xylene & p-Xylene			0.200	0.1639		mg/Kg		82	70 - 130	16	35
o-Xylene			0.100	0.08549		mg/Kg		85	70 - 130	15	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*76*		*70 - 130*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*

Lab Sample ID: 880-66779-A-1-F MS
Matrix: Solid
Analysis Batch: 128556

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 128574

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1106		mg/Kg			-		
Toluene			0.100	0.08322		mg/Kg			-		

QC Sample Results

Client: Ensolum
Project/Site: Randy Federal Booster Transfer Station

Job ID: 890-9328-1
SDG: 07A1988292

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

Lab Sample ID: 880-66779-A-1-F MS
Matrix: Solid
Analysis Batch: 128556

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 128574

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene			0.100	0.1075		mg/Kg			-
m-Xylene & p-Xylene			0.200	0.2135		mg/Kg			-
o-Xylene			0.100	0.1105		mg/Kg			-

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

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

Lab Sample ID: MB 880-128499/1-A
Matrix: Solid
Analysis Batch: 128577

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 128499

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/08/26 12:26	01/09/26 06:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/08/26 12:26	01/09/26 06:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/08/26 12:26	01/09/26 06:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*106*		*70 - 130*	*01/08/26 12:26*	*01/09/26 06:02*	*1*
o-Terphenyl	*105*		*70 - 130*	*01/08/26 12:26*	*01/09/26 06:02*	*1*

Lab Sample ID: LCS 880-128499/2-A
Matrix: Solid
Analysis Batch: 128577

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 128499

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10			1000	1078		mg/Kg		108	70 - 130
Diesel Range Organics (Over C10-C28)			1000	1227		mg/Kg		123	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*122*		*70 - 130*
o-Terphenyl	*141*	*S1+*	*70 - 130*

Lab Sample ID: LCSD 880-128499/3-A
Matrix: Solid
Analysis Batch: 128577

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 128499

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1097		mg/Kg		110	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	1134		mg/Kg		113	70 - 130	8	20

QC Sample Results

Client: Ensolum
Project/Site: Randy Federal Booster Transfer Station

Job ID: 890-9328-1
SDG: 07A1988292

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

Lab Sample ID: LCSD 880-128499/3-A
Matrix: Solid
Analysis Batch: 128577

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 128499

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*120*		*70 - 130*
o-Terphenyl	*126*		*70 - 130*

Lab Sample ID: 890-9327-A-1-D MSD
Matrix: Solid
Analysis Batch: 128577

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 128499

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	999	981.0		mg/Kg		98	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.2	U	999	1026		mg/Kg		103	70 - 130	7	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*112*		*70 - 130*
o-Terphenyl	*118*		*70 - 130*

Lab Sample ID: 890-9327-A-1-E MS
Matrix: Solid
Analysis Batch: 128577

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 128499

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	999	960.4		mg/Kg		96	70 - 130
Diesel Range Organics (Over C10-C28)	<50.2	U	999	958.1		mg/Kg		96	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*106*		*70 - 130*
o-Terphenyl	*106*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-128548/1-A
Matrix: Solid
Analysis Batch: 128594

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			01/09/26 10:13	1

Lab Sample ID: LCS 880-128548/2-A
Matrix: Solid
Analysis Batch: 128594

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride			250	235.2		mg/Kg		94	90 - 110

QC Sample Results

Client: Ensolum
Project/Site: Randy Federal Booster Transfer Station

Job ID: 890-9328-1
SDG: 07A1988292

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-128548/3-A
Matrix: Solid
Analysis Batch: 128594

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	235.9		mg/Kg		94	90 - 110	0	20

Lab Sample ID: 880-66780-A-5-B MS
Matrix: Solid
Analysis Batch: 128594

Client Sample ID: Matrix Spike
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	864	F1	249	1082	F1	mg/Kg		87	90 - 110		

Lab Sample ID: 880-66780-A-5-C MSD
Matrix: Solid
Analysis Batch: 128594

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	864	F1	249	1078	F1	mg/Kg		86	90 - 110	0	20

QC Association Summary

Client: Ensolum
Project/Site: Randy Federal Booster Transfer Station

Job ID: 890-9328-1
SDG: 07A1988292

GC VOA

Analysis Batch: 128556

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9328-1	CS 11 A	Total/NA	Solid	8021B	128574
MB 880-128574/5-A	Method Blank	Total/NA	Solid	8021B	128574
LCS 880-128574/1-A	Lab Control Sample	Total/NA	Solid	8021B	128574
LCSD 880-128574/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	128574
880-66779-A-1-F MS	Matrix Spike	Total/NA	Solid	8021B	128574

Prep Batch: 128574

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9328-1	CS 11 A	Total/NA	Solid	5035	
MB 880-128574/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-128574/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-128574/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-66779-A-1-F MS	Matrix Spike	Total/NA	Solid	5035	

Analysis Batch: 128637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9328-1	CS 11 A	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 128499

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9328-1	CS 11 A	Total/NA	Solid	8015NM Prep	
MB 880-128499/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-128499/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-128499/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9327-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	
890-9327-A-1-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	

Analysis Batch: 128577

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9328-1	CS 11 A	Total/NA	Solid	8015B NM	128499
MB 880-128499/1-A	Method Blank	Total/NA	Solid	8015B NM	128499
LCS 880-128499/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	128499
LCSD 880-128499/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	128499
890-9327-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	128499
890-9327-A-1-E MS	Matrix Spike	Total/NA	Solid	8015B NM	128499

Analysis Batch: 128623

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9328-1	CS 11 A	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 128548

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9328-1	CS 11 A	Soluble	Solid	DI Leach	
MB 880-128548/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-128548/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-128548/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-66780-A-5-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-66780-A-5-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

QC Association Summary

Client: Ensolum
Project/Site: Randy Federal Booster Transfer Station

Job ID: 890-9328-1
SDG: 07A1988292

HPLC/IC

Analysis Batch: 128594

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9328-1	CS 11 A	Soluble	Solid	300.0	128548
MB 880-128548/1-A	Method Blank	Soluble	Solid	300.0	128548
LCS 880-128548/2-A	Lab Control Sample	Soluble	Solid	300.0	128548
LCSD 880-128548/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	128548
880-66780-A-5-B MS	Matrix Spike	Soluble	Solid	300.0	128548
880-66780-A-5-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	128548

Lab Chronicle

Client: Ensolum
Project/Site: Randy Federal Booster Transfer Station

Job ID: 890-9328-1
SDG: 07A1988292

Client Sample ID: CS 11 A

Date Collected: 01/08/26 10:45
Date Received: 01/08/26 14:16

Lab Sample ID: 890-9328-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	128574	01/09/26 09:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	128556	01/09/26 12:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			128637	01/09/26 12:04	SA	EET MID
Total/NA	Analysis	8015 NM		1			128623	01/09/26 10:19	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	128499	01/08/26 12:26	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128577	01/09/26 10:19	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	128548	01/09/26 07:58	SA	EET MID
Soluble	Analysis	300.0		10			128594	01/09/26 10:47	SMC	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Ensolum
Project/Site: Randy Federal Booster Transfer Station

Job ID: 890-9328-1
SDG: 07A1988292

Laboratory: Eurofins Midland

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

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

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

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

Method Summary

Client: Ensolum
Project/Site: Randy Federal Booster Transfer Station

Job ID: 890-9328-1
SDG: 07A1988292

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

Protocol References:

ASTM = ASTM International
EPA = US Environmental Protection Agency
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Ensolum
Project/Site: Randy Federal Booster Transfer Station

Job ID: 890-9328-1
SDG: 07A1988292

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-9328-1	CS 11 A	Solid	01/08/26 10:45	01/08/26 14:16	0.75'

9328

eurofins | 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: _____

www.xenco.com Page _____ of _____

Project Manager:	Kara Naegeli	Bill to: (if different)	Billy Ginn
Company Name:	Ensolum, LLC	Company Name:	Hilcorp
Address:	3122 National Parks Hwy	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	512-709-2473	Email:	knaegeli@ensolum.com; kjennings@ensolum.com aferrell@ensolum.com

Work Order Comments

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

Project Name:	E L Federal #005	Turn Around	
Project Number:	07A1988292	☐ Routine ☑ Rush	
Project Location:	32.823, -103.952	Due Date:	24-hr
Sampler's Name:	Alex Ferrell	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Samples Received Intact:	(Yes) No	Thermometer ID:	Thm005
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	3.2
Total Containers:		Corrected Temperature:	3.0

ANALYSIS REQUEST

890-9328 Chain of Custody

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	Pres. Code	Chloride 4500	TPH 8015	BTEX 8021	Parameters
CS11A	Soil	1/8/2026	1045	0.75'	Comp	1		X	X	X	

Preservative Codes

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

Sample Comments

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010:** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		1-8 1416	2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

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

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer, Jessica	Carrier Tracking No(s): N/A	COC No: 890-6329.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: New Mexico	Page: Page 1 of 1
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-9328-1
Address: 1211 W. Florida Ave, ,	Due Date Requested: 1/9/2026			Preservation Codes: -
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: E L FEDERAL #005	Project #: 89000236			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_NM/8015NM_S_Prep(MOD) Full TPH	8015MOD_Calc	300_ORGFM_28D/DI_LEACH Chloride	8021B/5035FP_Calc(MOD) BTEX	Total_BTEX_GCV	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
CS 11 A (890-9328-1)	1/8/26	10:45 Mountain	G	Solid			X	X	X	X	X	1	

Analysis Requested

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

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

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	1-8 1630		ED	1-9-26 800	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-9328-1
SDG Number: 07A1988292

Login Number: 9328
List Number: 1
Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

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

Login Sample Receipt Checklist

Client: Ensolum

Job Number: 890-9328-1
SDG Number: 07A1988292

Login Number: 9328
List Number: 2
Creator: Dyal, Erica

List Source: Eurofins Midland
List Creation: 01/09/26 08:19 AM

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

ENSOLUM

APPENDIX D

NMOCD Correspondence

From: Wells, Shelly, EMNRD
To: Kalei Jennings
Cc: Kara Naegeli; Bratcher, Michael, EMNRD
Subject: RE: [EXTERNAL] Hilcorp - Sampling Frequency Variance - Randy Federal Booster Transfer Station - nAPP2519554321
Date: Thursday, December 4, 2025 12:47:24 PM
Attachments: image001.png
image002.png
image003.png

[**EXTERNAL EMAIL**]

Good day Kalei,

The sampling variance request for nAPP2519554321 RANDY FEDERAL WATER BOOSTER TRANSFER STATION is approved with conditions. You may collect base samples at a frequency of every 400 square feet, but sidewall samples are still required to be collected every 200 square feet.

Kind regards,

Shelly

Shelly Wells * Senior Environmental Scientist
Environmental Bureau
EMNRD-Oil Conservation Division
1220 S. St. Francis Drive|Santa Fe, NM 87505
(505)469-7520 Shelly.Wells@emnrd.nm.gov
http://www.emnrd.state.nm.us/OCD/

From: Kalei Jennings <kjennings@ensolum.com>
Sent: Tuesday, December 2, 2025 3:46 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Kara Naegeli <knaegeli@ensolum.com>
Subject: [EXTERNAL] Hilcorp - Sampling Frequency Variance - Randy Federal Booster Transfer Station - nAPP2519554321

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

Good afternoon,
Please see the attached Site Receptor Map and supporting documentation for your review for a requested soil sampling frequency variance at the Randy Federal Booster

Transfer Station (Site), Incident Number nAPP2519554321.

On July 13, 2025, a produced water release occurred, resulting in a 13,298 square-foot release extent across facility caliche surface. The Site was characterized, and no sensitive receptors were identified. Recently, in November 2025, a soil boring was drilled approximately 0.1 miles to the northwest of the Site to a depth of 110' bgs. A field geologist logged and described soils continuously. No groundwater was encountered after a 72-hour waiting period, and the soil boring was subsequently backfilled with drill cuttings and hydrated bentonite chips. The borehole lithologic/soil sampling log is attached. The soil boring confirms depth to groundwater in the region is greater than 100 feet bgs.

Due to the estimated size of the release area, a documented lack of sensitive receptors, and depth to groundwater determined to be greater than 100 feet bgs, Hilcorp requests a variance of the sampling frequency for confirmation soil samples. Hilcorp proposes five-point composite samples to be collected at a sampling frequency of 400 square feet along the excavation floor and sidewalls. The proposed sampling frequency would reduce the total amount of samples from approximately 71 samples (200 square feet) to approximately 38 samples. All confirmation soil samples will be submitted for laboratory analysis of BTEX, TPH, and chloride. We believe the sampling variance poses no additional risk to fresh water, public health, and the environment.

With the data provided will you please consider approval of a variance of the sampling frequency from the required 200 square feet to 400 square feet?

Please let me know if you have any additional questions.

Thank you,

Kalei Jennings
Senior Managing Scientist
817-683-2503
Ensolum, LLC

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 542878

QUESTIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 542878
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2519554321**
Incident Name	**NAPP2519554321 RANDY FEDERAL WATER BOOSTER TRANSFER STATION @ H-22-17S-30E**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Closure Report Received**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	RANDY FEDERAL WATER BOOSTER TRANSFER STATION
Date Release Discovered	07/13/2025
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	Cause: Equipment Failure | Flow Line - Injection | Produced Water | Released: 40 BBL | Recovered: 38 BBL | Lost: 2 BBL.
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	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	*Not answered.*

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS (continued)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 542878
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**Yes**
Reasons why this would be considered a submission for a notification of a major release	**From paragraph A. "Major release" determine using:** **(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.**

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

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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

I hereby agree and sign off to the above statement	Name: Stuart Hyde Title: Senior Geologist Email: shyde@ensolum.com Date: 01/13/2026

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS (continued)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 542878
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1000 (ft.) and ½ (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between ½ and 1 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1000 (ft.) and ½ (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	13600
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	2670
GRO+DRO (EPA SW-846 Method 8015M)	88.3
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
On what estimated date will the remediation commence	12/09/2025
On what date will (or did) the final sampling or liner inspection occur	01/08/2026
On what date will (or was) the remediation complete(d)	01/08/2026
What is the estimated surface area (in square feet) that will be reclaimed	10798
What is the estimated volume (in cubic yards) that will be reclaimed	1600
What is the estimated surface area (in square feet) that will be remediated	400
What is the estimated volume (in cubic yards) that will be remediated	12
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.	
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS (continued)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 542878
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for **off-site** disposal	fKJ1600527371 SUNDANCE SERVICES, INC
OR which OCD approved well (API) will be used for **off-site** disposal	*Not answered.*
OR is the **off-site** disposal site, to be used, out-of-state	*Not answered.*
OR is the **off-site** disposal site, to be used, an NMED facility	*Not answered.*
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	*Not answered.*
(In Situ) Soil Vapor Extraction	*Not answered.*
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	*Not answered.*
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	*Not answered.*
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	*Not answered.*
Ground Water Abatement pursuant to 19.15.30 NMAC	*Not answered.*
OTHER (Non-listed remedial process)	*Not answered.*
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Stuart Hyde Title: Senior Geologist Email: shyde@ensolum.com Date: 01/13/2026
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS (continued)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 542878
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS (continued)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 542878
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**539813**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**01/08/2026**
What was the (estimated) number of samples that were to be gathered	**10**
What was the sampling surface area in square feet	**3800**

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	**Yes**
Was this release entirely contained within a lined containment area	**No**
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	400
What was the total volume (cubic yards) remediated	12
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	400
What was the total volume (in cubic yards) reclaimed	12
Summarize any additional remediation activities not included by answers (above)	Site assessment, soil sampling, and excavation activities were conducted at the Site to assess the release of produced water on July 13, 2025. Laboratory analytical results for all final soil samples collected within and around the release extent indicated that all COC concentrations were compliant with the Site Closure Criteria after excavation. Based on laboratory analytical results, no further remediation is required at this time. Excavation of impacted soil has mitigated impacts at this Site, and these remedial actions have been protective of human health, the environment, and groundwater. As such, Hilcorp respectfully requests closure Incident Number nAPP2519554321.
The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.	

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

I hereby agree and sign off to the above statement	Name: Stuart Hyde Title: Senior Geologist Email: shyde@ensolum.com Date: 01/13/2026

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS (continued)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 542878
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 542878
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	2/20/2026