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

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

Page 1 of 109

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: Enterprise Field Services, LLC	OGRID: 241602
Contact Name: Thomas Long	Contact Telephone: 505-599-2286
Contact email: tjlong@eprod.com	Incident # (assigned by OCD):) nAPP2125037885
Contact mailing address: 614 Reilly Ave, Farmington, NM 87401	

Location of Release Source

Latitude <u>36./289/</u>	_Longitude -108.05641	(NAD 83 in decimal degrees to 5 decimal places)			
Site Name Lateral 6K-1	Site Type Natural	Gas Gathering Pipeline			
Date Release Discovered: 09/01/2021	Serial Number (if a	pplicable): N/A			

.......

Unit Letter	Section	Township	Range	County
Ε	13	29N	12W	San Juan

Surface Owner: State Federal Tribal Private (Name: BLM

Nature and Volume of Release

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

	Volume Released (bbls)	Volume Recovered (bbls)
Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	Yes No
Condensate	Volume Released (bbls): 5-10 Barrels	Volume Recovered (bbls): None
🛛 Natural Gas	Volume Released (Mcf): 97.56 MCF	Volume Recovered (Mcf): None
Other (describe)	Volume/Weight Released (provide units):	Volume/Weight Recovered (provide units)

Cause of Release: On September 1, 2021, Enterprise had a release of natural gas and natural gas liquids from the Lateral 6K-1 pipeline. The pipeline was isolated, depressurized, locked and tagged out. No liquids were observed on the ground surface. The release was underground. Liquids are present in the subsurface. No washes/waterways were affected. No residences were affected. No emergency services responded. Remediation was completed on October 15, 2021. The final excavation dimensions measured approximately 25 feet long by 24 feet wide and by 30 feet deep. Approximately 861 cubic yards of hydrocarbon impacted soil was excavated and transported to a NMOCD approved land farm. A third party closure report is included with this "Final" C-141.

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

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

Closure Report Attachment Checklist: Each of the following items must be included in the closure report. A scaled site and sampling diagram as described in 19.15.29.11 NMAC Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection) Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling) Description of remediation activities I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete. Title: Senior Environmental Scientist Printed Name: Thomas Long Signature: _____ Date: <u>01/06/2022</u> Telephone: (505) 599-2286 email: tilong@eprod.com **OCD Only** Received by: Date: Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

 Closure Approved by:
 Nelson Velez
 Date:
 01/13/2022

 Printed Name:
 Nelson Velez
 Title:
 Environmer

 Title: Environmental Specialist – Adv

Received by OCD: 1/6/2022 9:44:23 AM

By Nelson Velez at 8:27 am, Jan 13, 2022

APPROVED

Closure Report Approved, Release Resolved.



CLOSURE REPORT

Property:

Lateral 6K-1 (9/1/21) Unit Letter E, S13 T29N R12W San Juan County, New Mexico

New Mexico EMNRD OCD Incident ID No. NAPP2125037885

January 4, 2022 Ensolum Project No. 05A1226158

Prepared for:

Enterprise Field Services, LLC 614 Reilly Avenue Farmington, NM 87401 Attn: Mr. Thomas Long

Prepared by:

Landon Daniell Staff Geologist

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Kyle Summers, CPG Sr. Project Manager

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CLOSURE REPORT

Lateral 6K-1 (9/1/21) Unit Letter E, S13 T29N R12W San Juan County, New Mexico

Ensolum Project No. 05A1226158

1.0 INTRODUCTION

1.1 Site Description & Background

Operator:	Enterprise Field Services, LLC / Enterprise Products Operating LLC (Enterprise)
Site Name:	Lateral 6K-1 (9/1/21)(Site)
Incident ID	NAPP2125037885
Location:	36.72897° North, 108.05641° West Unit Letter E, Section 13, Township 29 North, Range 12 West San Juan County, New Mexico
Property:	United States Bureau of Land Management (BLM)
Regulatory:	New Mexico (NM) Energy, Minerals and Natural Resources Department (EMNRD) Oil Conservation Division (OCD)

On August 31, 2021, Enterprise discovered a release on the Lateral 6K-1 pipeline. Enterprise isolated and locked the pipeline out of service. On September 1, 2021, Enterprise determined the release was "reportable" due to the estimated volume of impacted soil. The NM EMNRD OCD was subsequently notified. On September 3, 2021, Enterprise initiated activities to repair the pipeline and remediate petroleum hydrocarbon impact.

A **Topographic Map** depicting the location of the Site is included as **Figure 1**, and a **Site Vicinity Map** is included as **Figure 2** in **Appendix A**.

1.2 **Project Objective**

The primary objective of the closure activities was to reduce constituent of concern (COC) concentrations in the on-site soils to below the applicable NM EMNRD OCD closure criteria.

2.0 CLOSURE CRITERIA

The Site is subject to regulatory oversight by the NM EMNRD OCD. To address activities related to oil and gas releases, the NM EMNRD OCD references NM Administrative Code (NMAC) 19.15.29 *Releases,* which establishes investigation and abatement action requirements for oil and gas release sites that are subject to reporting and/or corrective action. Ensolum, LLC (Ensolum) utilized information provided by Enterprise, the general site characteristics, and information available from the NM Office of the State Engineer (OSE) and the NM EMNRD OCD imaging database to determine the appropriate closure criteria for the Site. Supporting figures and documentation associated with the following bullets are provided in **Appendix B**.

• The OSE tracks the usage and assignment of water rights and water well installations and records this information in the Water Rights Reporting System (WRRS) database. Water wells and other points of diversion (PODs) are each assigned POD numbers in the database (which is searchable





and includes an interactive map). Numerous PODS were identified in the same Public Land Survey System (PLSS) section as the Site and in adjacent sections. The average depth to water for the PODs located in this PLSS section and in adjacent PLSS sections is approximately 80 feet below grade surface (bgs). The closest PODs (SJ-00503, SJ-00496, SJ-02280, and SJ-01904) are located less than one mile from the Site. The permits for the four PODs were approved by the OSE, but apparently, the wells have not been installed, as no additional information is available (**Figure A**, **Appendix B**).

- One cathodic protection well (CPW) was identified in an adjacent PLSS section in the NM EMNRD OCD imaging database. The records for the cathodic protection well located near the H.J. Loe "B" Fed #2R (Sec 23, T29N, R12W) well location indicate a depth to water of approximately 235 feet bgs. This cathodic protection well is located approximately 1.2 miles southwest of the Site and is approximately 159 feet lower in elevation than the Site (Figure B, Appendix B).
- The Site is not located within 300 feet of a NM EMNRD OCD-defined continuously flowing watercourse or significant watercourse (**Figure C**, **Appendix B**).
- The Site is not located within 200 feet of a lakebed, sinkhole, or playa lake.
- The Site is not located within 300 feet of a permanent residence, school, hospital, institution, or church (**Figure D**, **Appendix B**).
- No springs, or private domestic fresh water wells used by less than five households for domestic or stock watering purposes were identified within 500 feet of the Site (**Figure E**, **Appendix B**).
- No fresh water wells or springs were identified within 1,000 feet of the Site. The residences located within the 1,000 feet may have unregistered water wells (**Figure E**, **Appendix B**).
- The Site is not located within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to New Mexico Statues Annotated (NMSA) 1978, Section 3-27-3.
- Based on information identified in the U.S. Fish & Wildlife Service National Wetlands Inventory Wetlands Mapper, the Site is not located within 300 feet of a wetland (**Figure F**, **Appendix B**).
- Based on information identified in the NM Mining and Minerals Division's Geographic Information System (GIS) Maps and Mine Data database, the Site is not located within an area overlying a subsurface mine (Figure G, Appendix B). Surface gravels at this location have previously been quarried.
- The Site is not located within an unstable area.
- Based on information provided by the Federal Emergency Management Agency (FEMA) National Flood Hazard Layer (NFHL) geospatial database the location of the Site is not located within a 100-year floodplain (**Figure H**, **Appendix B**).

Based on available information, Enterprise estimates the depth to water at the Site to be greater than 50 feet bgs. Applicable closure criteria for soils (below four feet) remaining in place at the Site include:

Closure Report Enterprise Field Services, LLC Lateral 6K-1 (9/1/21) January 4, 2022



Tier I Closure Criteria for Soils Impacted by a Release (Tier II)								
Constituent ¹	Limit							
Chloride	EPA 300.0 or SM4500 CI B	10,000 mg/kg						
TPH (GRO+DRO+MRO) ²	EPA SW-846 Method 8015	2,500 mg/kg						
TPH (GRO+DRO)	EPA SW-846 Method 8015	1,000 mg/kg						
BTEX ³	EPA SW-846 Method 8021 or 8260	50 mg/kg						
Benzene	EPA SW-846 Method 8021 or 8260	10 mg/kg						

¹ – Constituent concentrations are in milligrams per kilograms (mg/kg).

² – Total Petroleum Hydrocarbons (TPH). Gasoline Range Organics (GRO). Diesel Range Organics (DRO). Motor Oil/Lube Oil Range Organics (MRO).

³ – Benzene, Toluene, Ethylbenzene, and Total Xylenes (BTEX).

In addition, the closure criteria (reclamation requirements of NMAC 19.15.29.13(D)(1)) for the upper four feet of soils at the Site include:

Closure Criteria for Soils Impacted by a Release (Soil Zone)								
Constituent	Limit							
Chloride	EPA 300.0 or SM4500 CI B	600 mg/kg						
TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015	100 mg/kg						
BTEX	EPA SW-846 Method 8021 or 8260	50 mg/kg						
Benzene	EPA SW-846 Method 8021 or 8260	10 mg/kg						

3.0 SOIL REMEDIATION ACTIVITIES

On September 3, 2021, Enterprise initiated activities to repair the pipeline and remediate petroleum hydrocarbon impact resulting from the release. During the remediation and corrective action activities, West States Energy Contractors (West States) provided heavy equipment and labor support, while Ensolum provided environmental consulting support.

The final excavation measured approximately 25 feet long and 24 feet wide at the maximum extents. The maximum depth of the excavation measured approximately 30 feet bgs. The lithology encountered during the completion of remediation activities consisted primarily of sandy gravel and cobbles underlain by sandstone.

An estimated total of 861 cubic yards of petroleum hydrocarbon affected soil was transported to the Envirotech, Inc. (Envirotech) landfarm near Hilltop, NM for disposal/remediation. The executed C-138 solid waste acceptance form is provided in **Appendix C**. The excavation was backfilled with imported fill and laboratory-confirmed uncontaminated stockpiled soil and was then contoured to the surrounding topography.

Figure 3 is a map that identifies approximate soil sample locations and depicts the approximate dimensions of the excavation with respect to the pipeline (**Appendix A**). Photographic documentation of the field activities is included in **Appendix D**.

4.0 SOIL SAMPLING PROGRAM

Ensolum field screened the soil samples from the excavation utilizing a calibrated Dexsil PetroFLAG[®] hydrocarbon analyzer system and a photoionization detector (PID) fitted with a 10.6 eV lamp to guide excavation extents.



Ensolum's soil sampling program included the collection of 24 composite soil samples (S-1 through S-24) from the excavation for laboratory analysis. In addition, one composite soil sample (SP-1) was collected from stockpiled soil to confirm the material was suitable to use as backfill. The composite samples were comprised of five aliquots each and represent an estimated 200 square foot (ft²) sample area per guidelines outlined in Section D of 19.15.29.12 NMAC. An excavator bucket was utilized to obtain fresh aliquots from each area of the excavation. Regulatory correspondence is provided in **Appendix E**.

First Sampling Event

On September 10, 2021, the first sampling event was performed at the Site. The NM EMNRD OCD and BLM were notified of the sampling event although no representatives were present during sampling activities. Composite soil samples S-1 (18') and S-2 (18') were collected from the floor of the excavation. Composite soil samples S-3 (0'-18'), S-4 (0'-18'), S-5 (0'-18'), S-6 (0'-18'), S-7 (0'-18'), and S-8 (0'-18') were collected from vertical or near vertical walls of the excavation. Composite soil sample SP-1 was collected from stockpiled soil to demonstrate the soil does not exhibit COC impact and that it was suitable for use as backfill.

Subsequent soil analytical results identified COC concentrations that exceeded the NM EMNRD OCD closure criteria for composite soil samples S-2 and S-3. Soils associated with composite soil samples S-2 and S-3 were removed by excavation and transported to the landfarm for disposal/remediation.

Second Sampling Event

On October 8, 2021, the second sampling event was performed at the Site. The NM EMNRD OCD and BLM were notified of the sampling event although no representatives were present during sampling activities. Composite soil sample S-9 (21') was collected from the floor of the excavation to replace soil sample S-2 (18'). Composite soil samples S-10 (0'-18'), S-12 (0'-18') S-13 (0'-18'), S-14 (0'-18'), and S-15 (0'-18') were collected from vertical or near vertical walls of the extended excavation. Composite soil sample S-11 (18') was collected from the floor of the extended excavation. The subsequent soil analytical results for sample S-9 identified COC concentrations that exceeded the NM EMNRD OCD closure criteria. The excavation was deepened in the vicinity of composite soil sample S-9, and the soil associated with S-9 was transported to the landfarm for disposal/remediation.

Third Sampling Event

On October 12, 2021, the third sampling event was performed at the Site. The NM EMNRD OCD and BLM were notified of the sampling event although no representatives were present during sampling activities. Composite soil sample S-16 (30') was collected from the floor in the deepest portion of the excavation to replace soil sample S-9. Composite soil samples S-17 (18'-30'), S-18 (18'-30'), S-19 (18'-30'), and S-20 (18'-30') were collected from vertical or near vertical walls in the deepest portion of the excavation. Subsequent soil analytical results indicated COC concentrations that exceeded the New Mexico EMNRD OCD closure criteria for composite soil sample S-19. In response to the data exceedance, the sample area associated with S-19 was further excavated and transported to the landfarm for disposal. To remove the deeper lateral impact associated with soil sample S-19, the overlying soil associated with soil sample S-1 also required removal to allow access.

Fourth Sampling Event

On October 15, 2021, the fourth sampling event was performed at the Site. The NM EMNRD OCD and BLM were notified of the sampling event although no representatives were present during sampling activities. Composite soil sample S-21 (30') was collected from the floor of the excavation. Composite soil samples S-22 (18'-30'), S-23 (18'-30'), and S-24 (18'-30') were collected from vertical or near vertical walls in the deepened portion of the excavation.

All soil samples were collected and placed in laboratory prepared glassware. The containers were labeled and sealed using the laboratory supplied labels and custody seals and were stored on ice in a cooler. The samples were relinquished to the courier for Hall Environmental Analysis Laboratory of Albuquerque, NM, under proper chain-of-custody procedures.





5.0 SOIL LABORATORY ANALYTICAL METHODS

The composite soil samples were analyzed for BTEX using Environmental Protection Agency (EPA) SW-846 Method #8021; TPH GRO/DRO/MRO using EPA SW-846 Method #8015; and chlorides using EPA Method #300.0.

The laboratory analytical results are summarized in **Table 1** (**Appendix F**). The laboratory data sheets and executed chain-of-custody forms are provided in **Appendix G**.

6.0 DATA EVALUATION

Ensolum compared the benzene, BTEX, TPH, and chloride laboratory analytical results or laboratory practical quantitation limits (PQLs) / reporting limits (RLs) associated with the composite soil samples (S-4 through S-8, S-10 through S-18, S-20 through S-24, and SP-1) to the applicable NM EMNRD OCD Tier I closure criteria. The soil associated with composite samples S,-1, S-2, S-3, S-9, and S-19 was removed from the Site; therefore, those samples are not included in the following discussion.

- The laboratory analytical results for the composite soil samples indicate benzene is not present at concentrations greater than the laboratory PQLs/RLs, which are less than the applicable NM EMNRD OCD closure criteria of 10 mg/kg.
- The laboratory analytical results for composite soil samples S-4, S-5, S-11 S-13, and S-14 indicate total BTEX concentrations ranging from 0.10 mg/kg (S-11) to 1.3 mg/kg (S-5), which are less than the applicable NM EMNRD OCD closure criteria of 50 mg/kg. The laboratory analytical results for the remaining composite soil samples indicate total BTEX is not present at concentrations greater than the laboratory PQLs/RLs, which are less than the applicable NM EMNRD OCD closure criteria of 50 mg/kg.
- The laboratory analytical results for composite soil samples S-4, S-5, S-13, S-11, S-13, S-14, and S-17 indicate total TPH GRO/DRO/MRO concentrations ranging from 7.6 mg/kg (S-11) to 78 mg/kg (S-5), which are less than the NM EMNRD OCD Tier I closure criteria of 100 mg/kg. The laboratory analytical results for the remaining composite soil samples indicate combined TPH GRO/DRO/MRO is not present at concentrations greater than the laboratory PQLs/RLs, which are less than the NM EMNRD OCD Tier I closure criteria of 100 mg/kg.
- The laboratory analytical result for composite soil sample S-12 indicates a chloride concentration
 of 160 mg/kg, which is less than the NM EMNRD OCD Tier I closure criteria of 600 mg/kg. The
 laboratory analytical results for the remaining composite soil samples indicate chloride is not
 present at concentrations greater than the laboratory PQLs/RLs, which are less than the NM
 EMNRD OCD Tier I closure criteria of 100 mg/kg.

The laboratory analytical results are summarized in **Table 1** (Appendix F).

7.0 RECLAMATION AND REVEGETATION

The excavation was backfilled with clean imported fill and uncontaminated, stockpiled soil and compacted and contoured to the surrounding topography.





8.0 FINDINGS AND RECOMMENDATION

- Twenty-four composite soil samples were collected from the Site. Based on laboratory analytical results, no benzene, BTEX, chloride, or combined TPH GRO/DRO/MRO exceedances were identified in the soils remaining at the Site.
- Approximately 861 cubic yards of petroleum hydrocarbon affected soil was transported to the Envirotech landfarm for disposal/remediation. The excavation was backfilled and contoured to surrounding grade.

Based on field observations and laboratory analytical results, no additional investigation or corrective action appears warranted at this time.

9.0 STANDARDS OF CARE, LIMITATIONS, AND RELIANCE

9.1 Standard of Care

Ensolum's services were performed in accordance with standards customarily provided by a firm rendering the same or similar services in the area during the same time period. Ensolum makes no warranties, express or implied, as to the services performed hereunder. Additionally, Ensolum does not warrant the work of third parties supplying information used in the report (e.g., laboratories, regulatory agencies, or other third parties).

9.2 Limitations

Findings, conclusions, and recommendations resulting from these services are based upon information derived from the on-Site activities and other services performed under this scope of work and it should be noted that this information is subject to change over time. Certain indicators of the presence of hazardous substances, petroleum products, or other constituents may have been latent, inaccessible, unobservable, or not present during these services, and Ensolum cannot represent that the Site contains no hazardous substances, toxic materials, petroleum products, or other latent conditions beyond those identified during the investigation. Environmental conditions at other areas or portions of the Site may vary from those encountered at actual sample locations. Ensolum's findings and recommendation are based solely upon data available to Ensolum at the time of these services.

9.3 Reliance

This report has been prepared for the exclusive use of Enterprise, and any authorization for use or reliance by any other party (except a governmental entity having jurisdiction over the Site) is prohibited without the express written authorization of Enterprise and Ensolum. Any unauthorized distribution or reuse is at the client's sole risk. Notwithstanding the foregoing, reliance by authorized parties will be subject to the terms, conditions and limitations stated in the Closure Report, and Ensolum's Master Services Agreement. The limitation of liability defined in the agreement is the aggregate limit of Ensolum's liability to the client.



APPENDIX A

Figures









APPENDIX B

Siting Figures and Documentation

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- A Release Point
- Approximate Cathodic Protection Well Location

H.J. Loe "B" Fed #2R (Water Depth=235' BGS)

> bing



CATHODIC PROTECTION WELL RECORDED DEPTH TO WATER ENTERPRISE FIELD SERVICES, LLC LATERAL 6K-1 (9/1/21) Unit Letter E, S13 T29N R12W, San Juan County, New Mexico 36.72897° N, 108.05641° W

PROJECT NUMBER: 05A1226158

FIGURE

2,000

0

crosoft Corporation © 2021 Maxar ©CNES (2021) Distribution Airbus

1,000

B







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New Mexico Office of the State Engineer Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced	(R=POD has been replaced, O=orphaned,	(quort	0.00		1_NI	A/ 2_N	15 2-514	(4-SE)				
water right file.)	C=the file is closed)	(quart	ersa	are	smal	lest to	largest)	4=3E) (NAD8	3 UTM in meters)		(In feet	:)
	POD		~ ~	۰ ۱						Donth	Donth	Watar
POD Number	Code basin C	ounty	64 1	2 Q 6 4	Sec	: Tws	Rng	х	Y	Well	Water	Column
SJ 00400	SJM2	SJ	4	3	24	29N	12W	227265	4066668* 🌍	83	35	48
SJ 00548	SJM2	SJ	1	1	14	29N	12W	225368	4069558* 🌍	180	60	120
SJ 01597	SJM2	SJ	2	3	24	29N	12W	227290	4067056* 😑	40	15	25
SJ 02555	SJM2	SJ	3	3	24	29N	12W	226865	4066683* 😑	21	6	15
SJ 03410	SJM2	SJ	43	3	11	29N	12W	225484	4069859* 🌍	75		
SJ 03414	SJM2	SJ	2 1	1	14	29N	12W	225524	4069656 🌍	90	70	20
SJ 03507	SJM2	SJ	14	3	24	29N	12W	227164	4066767* 😜	60		
SJ 03735 POD1	SJM2	SJ	14	3	24	29N	12W	227164	4066767* 🌍	100	15	85
SJ 03786 POD1	SJM2	SJ	14	3	24	29N	12W	227128	4066819 🌍	35	11	24
SJ 04179 POD1	SJM2	SJ	13	4	24	29N	12W	227631	4066759 🌍	280	180	100
									Average Depth to	Water:	49 f	eet
									Minimum	Depth:	6 f	eet
									Maximum	Depth:	180 f	eet

Record Count: 10

PLSS Search:

Section(s): 13, 11, 12, 14, 23, 24

1, 12, 14, **Township:** 29N

Range: 12W

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

New Mexico Office of the State Engineer Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a	(R=POD has been replaced O=orphaned, C=the file is	, (quar	ters	are	ə 1:	=NV	V 2=N	IE 3=SW	/ 4=SE)				
water right file.)	closed)	(quar	ters	are	e sr	mall	est to	largest)	(NAD8	3 UTM in meters)		(In feet	:)
POD Number	POD Sub- Code basin C	ounty	Q 64 -	Q (Q 4 9	Sec	Tws	Rng	x	v	Depth	Depth Water	Water
SJ 00867	SJM2	SJ	••	2	4 (07	29N	11W	229570	4069949* 🌍	77	55	22
SJ 01250	SJM2	SJ		4 4	4 ·	19	29N	11W	229660	4066529* 🌍	60	20	40
SJ 01302	SJM2	SJ		1 4	4 (07	29N	11W	229381	4070147* 🌍	250	210	40
<u>SJ 01641</u>	SJM2	SJ	3 3	2 2	2	19	29N	11W	229603	4067633* 🌍	120	55	65
SJ 01891	SJM2	SJ	3	1 4	4 (07	29N	11W	229280	4070046* 🌍	157		
<u>SJ 02026</u>	SJM2	SJ		1 3	3	19	29N	11W	228572	4066989 🌍	27	6	21
SJ 02970	SJM2	SJ	2	3 4	4 ·	19	29N	11W	229361	4066647* 🌍	100	18	82
SJ 03749 POD1	SJM2	SJ	1 :	32	2 (07	29N	11W	229235	4070593 🌍	440	140	300
SJ 04253 POD1	SJ	SJ		4 4	4 (07	29N	11W	229807	4069852 🌍	290	238	52
SJ 04253 POD2	SJ	SJ	:	2 4	4 (07	29N	11W	229742	4070079 🌍	248	238	10
SJ 04392 POD1	SJM2	SJ		4 2	2	19	29N	11W	229747	4066925 🌍	60		
										Average Depth to	Water:	108 f	eet
										Minimum	Depth:	6 f	eet
										Maximum	Depth:	238 f	eet
Record Count: 11													
PLSS Search:													

Section(s): 18, 7, 19

Township: 29N

Range: 11W

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

Page 25 of 109

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DATA CURET FOR DEED CROLIND BED	3
NORTHWESTERN N (Submit 3 copies to 0)	CATHODIC PROTECTION WELLS EW MEXICO ID Aztec Office)
Operator TexACO EqP Toc. Loc Name of Well/Wells or Pipeline Serviced	ation: Unit <u>G</u> sec. <u>23</u> Twp ^{9N} Rng/2W <u>H.J. Loe</u> "B" Fed #2R
Elevation Completion Date $\frac{4}{19/89}$ To Casing, Sizes, Types & Depths $\frac{3}{4}$ hold	tal Depth $380'$ Land Type*
If Casing is cemented, show amounts & ty	pes used Unknown
If Cement or Bentonite Plugs have been p Unknown	laced, show depths & amounts used
Depths & thickness of water zones with de	escription of water when possible:
Presh, Clear, Salty, Sulphur, Etc. See	attached log
Presh, Clear, Salty, Sulphur, Etc. <u>See</u> Depths gas encountered:	attached log
Presh, Clear, Salty, Sulphur, Etc. <u>See</u> Depths gas encountered: Type & amount of coke breeze used:	attuched log RECEIVED
Presh, Clear, Salty, Sulphur, Etc. <u>See</u> Depths gas encountered: Type & amount of coke breeze used: Depths anodes placed: <u>See a Hached lo</u>	Attached log DECENVED MAR 21992
Presh, Clear, Salty, Sulphur, Etc. <u>See</u> Depths gas encountered: Type & amount of coke breeze used: Depths anodes placed: <u>See a Hached lo</u> Depths vent pipes placed:	Attached log DECENVED MAR 21992 OIL CON.: DIV.8
Presh, Clear, Salty, Sulphur, Etc. <u>See</u> Depths gas encountered: Type & amount of coke breeze used: Depths anodes placed: <u>See attached lo</u> Depths vent pipes placed: Vent pipe perforations:	Attached log DECENVED MAR 21992 OIL CON.: DIV.S DISTLES

If any of the above data is unavailable, please indicate so. Copies of all logs, including Drillers Log, Water Analyses & Well Bore Schematics should be submitted when available. Unplugged abandoned wells are to be included.

Land Type may be shown: F-Federal; I-Indian; S-State; P-Fee. If Federal or Indian, add Lease Number.

Received by QCD: 1/6/2022 9:44:23 AM

		m. f.2 61	مکد .co ـ	and Ja	end	STAT	e <i>sle</i> a	1 m	<u> </u>
GROUNDBE	FT: ROTARY <u>380</u> D: depth <u>380</u> ft. da.	PT: 0	GABLE	TOOL	. LBS.	ANODES	: CAS	ING	"co-
DEPTH, FT.	DRILLER'S LOG		р то	RILL PI STRUCI	PE TURE	EXPL TO	ORING A	NODE	DEPTH TOP O ANODE
nes with	NO 7 BLOW DERS		E		R	E	1	R	
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15.20 5	And			<u></u>	 				
20-25			<u>`</u>		<u>}</u>	· ·- ····			4
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WELL, H. J	CLAR "A" FEDER	AL WELL NO		JOB	NO9			0-17	
	SEC. 23 TWP. 29	N ROF. 12 W		AN J	Ann	STA		s m	έX
ELEV.	FT: ROTARY	380 51		TOOL		F	: CASI	NG	
GROUNDBE	D: DEPTH 3.80 FT.	DIA. 4 9/4 N	GAB		LBS.	ANODES	10 1/2	"x60'	'cn-5
DEPTH,	DRILLER'S 1 0G		ТО	DRILL P	IPE TURE	EXPLORING ANODE TO STRUCTURE			DEPTH, TOP OF
PT.		_	E	•	R	E	1	R	ANODE
215-220						1.3.0	3.0		
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225-231	·····	······································		<u> </u>			220		
235240 54	NO WATER				1		2.0		
240-245							1,50		
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25-251		······	 	 	<u> </u>		2.20		_
355-260			 	<u> </u>			2.65		
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270-225						1	2.80		245
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280-285							2.10		275
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3453/0	•				1	1	1.40		1010
3/10-3/6	C. 4. 1 2						1,60		
316-320 SHI	16						2.20		310
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32(182		<u> </u>					2,40		3.20
TJONTES	20	· · · ·		<u> </u>			1.60		22-
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2607200	<u> </u>						1.65	· ····	<u> </u>
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<u>,</u>	ANOPLS	WATCR	C	pre_			 -		
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,	<u> </u>	2.00	1	2.90		3 40			
	10'	2.80		2,80	· · · ·	2,60			
	GROUNDBED RES	ISTANCE: (1) VOLT	<u>12</u>		MP8			DHMS	
					~ ~ ~ ~			4	

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APPENDIX C

Executed C-138 Solid Waste Acceptance Form

Received by OCD: 1/6/2022 9:44:23 AM District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Formula Da. Starte Da. MM 87505

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

*Surface Waste Management Facility Operator and Generator shall maintain and make this documentation available for Division increased

1220 S.	St. Francis Dr., Santa Fe, NM 87505	Santa Fe, NM 87505	documentation available for Division inspection. 14997057 - 1125
	REQUEST FO	R APPROVAL TO ACCE	PT SOLID WASTE
1. Ge	nerator Name and Address:		
Enter	orise Field Services, LLC, 614 Reilly Av	e, Farmington NM 87401	PayKey: RB21200 PM: Matt Melvin AFE: N55007
2. Or La	riginating Site: ateral 6K-1		
3. Lo U	ocation of Material (Street Address, City L E Section 13 T29N R12W; 36.728970,	v, State or ULSTR): -108.056400	Seploct 2021
4. So Source Descri Estima	urce and Description of Waste: e: Remediation activities associated wit ption: Hydrocarbon/Condensate impacted ted Volume <u>50</u> ydd/ bbls Known Vo	h a natural gas pipeline leak. soil associated natural gas pipeline rel lume (to be entered by the operator at th	ease. he end of the haul) <u>861</u> (yd)/ bbls
5.	GENERATOR (CERTIFICATION STATEMENT O	F WASTE STATUS
I, Thor G certify regulat	nas Long <i>from larg</i> , representative or auth enerator Signature that according to the Resource Conservation ory determination, the above described wa	orized agent for Enterprise Products Op on and Recovery Act (RCRA) and the aste is: (Check the appropriate classifica	perating do hereby US Environmental Protection Agency's July 1988 ation)
× ex	RCRA Exempt: Oil field wastes genera empt waste. <u>Operator Use Only: Was</u>	ted from oil and gas exploration and protected from the second seco	oduction operations and are not mixed with non- <u>w Weekly Per Load</u>
ch su the	RCRA Non-Exempt: Oil field waste wh aracteristics established in RCRA regulati bpart D, as amended. The following docu e appropriate items)	tich is non-hazardous that does not exco ons, 40 CFR 261.21-261.24, or listed h mentation is attached to demonstrate th	eed the minimum standards for waste hazardous by azardous waste as defined in 40 CFR, part 261, he above-described waste is non-hazardous. (Check
□ MS	DS Information 🔲 RCRA Hazardous	Waste Analysis 🛛 Process Knowledg	ge D Other (Provide description in Box 4)
	GENERATOR 19.15.36.15 WAST	E TESTING CERTIFICATION STA	TEMENT FOR LANDFARMS
I, Thor Go the req	nas Long 9-7-2021, representa enerator Signature uired testing/sign the Generator Waste Te	tive for Enterprise Products Operating sting Certification.	authorizes Envirotech, Inc. to complete
I, <u>Ch</u> represe have b of the 19.15.	representative samples of the oil field waste have een found to conform to the specific requi representative samples are attached to dem 36 NMAC.	rEnvirotech, Inc been subjected to the paint filter test a rements applicable to landfarms pursua constrate the above-described waste cor	do hereby certify that nd tested for chloride content and that the samples int to Section 15 of 19.15.36 NMAC. The results inform to the requirements of Section 15 of
5. Tr	ransporter: West States Energy Contrac	tors and Subcontractors Day Fo	uts, HBL
UCDI	remitted Surface waste Management	acinty	
Nar Ado Me	ne and Facility Permit #: Envirotech Ind Iress of Facility: Hilltop, NM thod of Treatment and/or Disposal:	Soil Remediation Facility * Permit	#: NM 01-0011
Waste	Acceptance Status:	PROVED DEM	NED (Must Be Maintained As Permanent Record)
PRINT SIGN	ATURE: Greg Crabtree Surface Waste Management Facility Au	TITLE: Enviro TELEPHONE NO.:	MANAGUE DATE: <u>9/7/21</u> 505-632-0615

Form C-138 Revised 08/01/11



APPENDIX D

Photographic Documentation

Closure Report Enterprise Field Services, LLC Lateral 6K-1 (9/1/21) Ensolum Project No. 05A1226158



Photograph 1 Photograph Description: View of the initial excavation activities.	
Photograph 2 Photograph Description: View of in-process excavation activities.	
Photograph 3 Photograph Description: View of in-process excavation activities.	

Closure Report Enterprise Field Services, LLC Lateral 6K-1 (9/1/21) Ensolum Project No. 05A1226158







APPENDIX E

Regulatory Correspondence

From:	Long, Thomas
То:	"Smith, Cory, EMNRD (Cory.Smith@state.nm.us)"; rjoyner@blm.gov
Cc:	Stone, Brian
Subject:	FW: Lateral 6K-1 - UL E Section 13 T29N R12W; 36.728970, -108.056400 - Incident # nAPP2125037885
Date:	Monday, October 18, 2021 2:28:00 PM
Attachments:	Trunk 6K-1 Site Map v5.jpg
	Lateral Trunk 6K.pdf
	Trunk 6K 1.pdf

Cory/Ryan,

Please find the attached site sketch and lab reports for the Lateral 6K-1 excavation. All sample results are now below the NMOCD Tier I remediation standard. Enterprise will backfill the excavation with clean imported fill material. If you have any questions, please call or email.

Thomas J. Long Senior Environmental Scientist Enterprise Products Company 614 Reilly Ave. Farmington, New Mexico 87401 505-599-2286 (office) 505-215-4727 (Cell) <u>tjlong@eprod.com</u>



From: Long, Thomas
Sent: Thursday, October 14, 2021 12:17 PM
To: 'Smith, Cory, EMNRD (Cory.Smith@state.nm.us)' <Cory.Smith@state.nm.us>; rjoyner@blm.gov
Cc: Stone, Brian <bmstone@eprod.com>
Subject: FW: Lateral 6K-1 - UL E Section 13 T29N R12W; 36.728970, -108.056400 - Incident # nAPP2125037885

Cory/Ryan,

This email is a notification that Enterprise will be collecting soil samples for laboratory analysis at the Lateral 6K-1 excavation tomorrow, October 15, 2021 at 11:00 a.m. If you have any questions, please call or email.

Thomas J. Long Senior Environmental Scientist Enterprise Products Company 614 Reilly Ave. Farmington, New Mexico 87401 505-599-2286 (office) 505-215-4727 (Cell) tjlong@eprod.com



From: Long, Thomas
Sent: Monday, October 11, 2021 1:17 PM
To: 'Smith, Cory, EMNRD (Cory.Smith@state.nm.us)' <Cory.Smith@state.nm.us>; rjoyner@blm.gov
Cc: Stone, Brian <bmstone@eprod.com>
Subject: FW: Lateral 6K-1 - UL E Section 13 T29N R12W; 36.728970, -108.056400 - Incident #
nAPP2125037885

Cory/Ryan,

Please find the attached site sketch and lab report for the Lateral 6K-1 excavation. One sample S-9 exceeds the NMOCD TPH (DRO/GRO) standard. Enterprise will be excavating more on the base tomorrow. We will be collecting soils samples at 1:00 p.m. If you have any questions, please call or email.

Thomas J. Long Senior Environmental Scientist Enterprise Products Company 614 Reilly Ave. Farmington, New Mexico 87401 505-599-2286 (office) 505-215-4727 (Cell) <u>tjlong@eprod.com</u>



From: Long, Thomas
Sent: Wednesday, October 6, 2021 9:52 AM
To: 'Smith, Cory, EMNRD (Cory.Smith@state.nm.us)' <Cory.Smith@state.nm.us>; rjoyner@blm.gov
Cc: Stone, Brian <bmstone@eprod.com>
Subject: FW: Lateral 6K-1 - UL E Section 13 T29N R12W; 36.728970, -108.056400 - Incident #
nAPP2125037885

Cory,

This email is a notification that Enterprise has continued the remediation at the Lateral 6K-1 excavation and will be collecting soil samples for laboratory analysis on Friday, October 8, 2021 at 9:00 a.m. If you have any questions, please call or email.
Thomas J. Long Senior Environmental Scientist Enterprise Products Company 614 Reilly Ave. Farmington, New Mexico 87401 505-599-2286 (office) 505-215-4727 (Cell) tjlong@eprod.com



From: Long, Thomas
Sent: Tuesday, September 14, 2021 10:07 AM
To: 'Smith, Cory, EMNRD (Cory.Smith@state.nm.us)' <Cory.Smith@state.nm.us>; rjoyner@blm.gov
Cc: Stone, Brian <bmstone@eprod.com>
Subject: FW: Lateral 6K-1 - UL E Section 13 T29N R12W; 36.728970, -108.056400 - Incident #
nAPP2125037885

Cory/Ryan,

This email is a follow up to our phone conversation earlier. Enterprise had a flash fire at the Lateral 6K-1 remediation excavation. It was a small flash fire within the excavation and burned off in seconds. The job was shut down to evaluate safety conditions. No injuries occurred. No emergency responders were notified or responded. No other hazards are present. Please let me know if you like Enterprise to submit a separate C-141 for this fire incident. If you have any questions, please call or email.

Thomas J. Long Senior Environmental Scientist Enterprise Products Company 614 Reilly Ave. Farmington, New Mexico 87401 505-599-2286 (office) 505-215-4727 (Cell) <u>tjlong@eprod.com</u>



From: Long, Thomas
Sent: Tuesday, September 14, 2021 7:51 AM
To: 'Smith, Cory, EMNRD (Cory.Smith@state.nm.us)' <Cory.Smith@state.nm.us>; 'rjoyner@blm.gov'
<rjoyner@blm.gov>
Cc: Stone, Brian <bmstone@eprod.com>

Subject: FW: Lateral 6K-1 - UL E Section 13 T29N R12W; 36.728970, -108.056400 - Incident # nAPP2125037885

Cory/Ryan,

Please find the attached site sketch and lab report of the Lateral 6K-1 excavation. All sample results are below the NMOCD Tier III remediation standard. Enterprise will partially backfill the excavation with clean imported fill material and continue remediating to the north. This email is also a sample notification that Enterprise will be collecting soil samples for laboratory analysis tomorrow September 15, 2021 at 10:00. If you have any questions, please call or email.

Thomas J. Long Senior Environmental Scientist Enterprise Products Company 614 Reilly Ave. Farmington, New Mexico 87401 505-599-2286 (office) 505-215-4727 (Cell) <u>tjlong@eprod.com</u>



From: Long, Thomas
Sent: Thursday, September 9, 2021 7:13 AM
To: 'Smith, Cory, EMNRD (Cory.Smith@state.nm.us)' <Cory.Smith@state.nm.us>; 'rjoyner@blm.gov'
<rjoyner@blm.gov>
Cc: Stone, Brian <bmstone@eprod.com>
Subject: FW: Lateral 6K-1 - UL E Section 13 T29N R12W; 36.728970, -108.056400 - Incident #
nAPP2125037885

Cory/Ryan,

This email is a notification that Enterprise will be collecting soil samples for laboratory analysis at the Lateral 6K-1 excavation tomorrow September 10, 2021 at 8:00 a.m. If you have any questions, please call or email.

Thomas J. Long Senior Environmental Scientist Enterprise Products Company 614 Reilly Ave. Farmington, New Mexico 87401 505-599-2286 (office) 505-215-4727 (Cell) tjlong@eprod.com



From: Long, Thomas
Sent: Wednesday, September 8, 2021 1:35 PM
To: 'Smith, Cory, EMNRD (Cory.Smith@state.nm.us)' <Cory.Smith@state.nm.us>
Cc: Stone, Brian <bmstone@eprod.com>
Subject: FW: Lateral 6K-1 - UL E Section 13 T29N R12W; 36.728970, -108.056400 - Incident #
nAPP2125037885

Cory,

This email is a notification that Enterprise has postponed sampling activities at the Lateral 6K-1 excavation due limited field personnel. I will keep you informed as to when the activities will be rescheduled.

Thomas J. Long Senior Environmental Scientist Enterprise Products Company 614 Reilly Ave. Farmington, New Mexico 87401 505-599-2286 (office) 505-215-4727 (Cell) <u>tjlong@eprod.com</u>



From: Long, Thomas
Sent: Tuesday, September 7, 2021 2:15 PM
To: 'Smith, Cory, EMNRD (Cory.Smith@state.nm.us)' <Cory.Smith@state.nm.us>; 'rjoyner@blm.gov'
<rjoyner@blm.gov>
Cc: Stone, Brian <bmstone@eprod.com>
Subject: Lateral 6K-1 - UL E Section 13 T29N R12W; 36.728970, -108.056400 - Incident #
nAPP2125037885

Cory/Ryan,

This email is a notification that Entperise will be collecting soil samples for laboratory analysis at the Lateral 6K-1 excavation tomorrow, September 8, 2021 at 12:00 p.m. If you have any questions, please call or email.

Thomas J. Long

Senior Environmental Scientist Enterprise Products Company 614 Reilly Ave. Farmington, New Mexico 87401 505-599-2286 (office) 505-215-4727 (Cell) tjlong@eprod.com





APPENDIX F

Table 1 – Soil Analytical Summary

ENSOLUM

Released to Imaging: 1/13/2022 8:47:21 AM

								(-1 (9/1/21) CAL SUMMAE)V					
	_			_		3		CAL SUMMAR	1					
Sample I.D.	Date	Sample Type	Sample Depth	Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX ¹	TPH GRO	TPH	TPH	Total Combined	Total Combined	Chloride
			Deptil						0110	Ditto	MILO	(GRO/DRO) ¹	(GRO/DRO/MRO) ¹	
		C- Composite	(feet)	(ma/ka)	(ma/ka)	(ma/ka)	(ma/ka)	(ma/ka)	(ma/ka)	(ma/ka)	(ma/ka)	(ma/ka)	(ma/ka)	(ma/ka)
		G - Grab	(,	(3 3,	(3 3/		(3 3,	(3 3,	(3 3,	(3 3,	(3 3,			(3 3)
New Mexico Energy, Mineral & Natural Resources Department Oil Conservation Division Closure Criteria (Tier I and Tier II)				10	NE	NE	NE	50				1,000	Tier I (< 4') - 100 Tier II - 2,500	Tier I (< 4') - 600 Tier II - 10,000
				Composite Se	oil Samples R	emoved by Ex	cavation and	Transported t	o the Landfar	m for Diposal	/Remediation			
S-1	9.10.21	С	18	<0.091	1.6	0.74	5.9	8.2	320	<9.0	<45	320	320	<60
S-2	9.10.21	С	18	0.41	8.2	2.6	21	32	1,200	19	<47	1,200	1,200	<59
S-3	9.10.21	С	0 to 18	<0.079	2.9	1.7	14	19	560	11	<44	570	570	<61
S-9	10.8.21	С	21	0.19	4.6	4	21	30	1,100	49	<50	1,100	1,100	<60
S-19	10.12.21	С	18 to 30	0.47	10	3.3	26	40	1,500	44	<48	1,500	1,500	<60
	Composite Soil Sample Collected from Stockpiled Soil													
SP-1	9.10.21	С	Stockpile	<0.018	<0.036	< 0.036	<0.073	ND	<3.6	<9.3	<47	ND	ND	<61
<u> </u>	0.40.04		0.1.10	0.000	0.40	Exca	ivation Comp	osite Soil Sam	iples			10	10	
S-4	9.10.21	C	0 to 18	<0.096	<0.19	<0.19	1.2	1.2	48	<9.0	<45	48	48	<60
S-5	9.10.21	C	0 to 18	<0.085	<0.17	<0.17	1.3	1.3	/8	<9.8	<49	78 ND	78	<60
S-6	9.10.21	C C	0 to 18	<0.017	<0.034	<0.034	<0.067	ND	<3.4	<9.4	<47	ND	ND	<60
S-7	9.10.21	C	0 to 18	<0.020	<0.039	<0.039	<0.079	ND	<3.9	<9.2	<46	ND	ND	<60
S-8	9.10.21	C	0 to 18	<0.017	<0.034	< 0.034	<0.068	ND	<3.4	<9.8	<49	ND	ND	<60
S-10	10.8.21	C	0 to 4	<0.016	<0.032	<0.032	<0.065	ND	<3.2	<9.1	<45	ND	ND	<59
S-11	10.8.21	C C	18	<0.019	<0.038	<0.038	0.10	0.10	7.6	<9.7	<48	7.6	7.6	<60
S-12	10.8.21	C C	0 to 18	<0.020	<0.039	< 0.039	<0.079	ND	<3.9	<9.2	<46	ND	ND	160
S-13	10.8.21	C C	0 to 18	<0.017	<0.034	0.10	0.27	0.37	37	<u><0.7</u>	<43	57	57	<60
S-14 S-15	10.0.21	C C	0 to 10	<0.019	<0.000	0.14	0.00	0.71	40	/10	<49	57 ND	57 ND	<60
S-10	10.0.21	C	01018	<0.014	<0.029	<0.029	<0.000	ND	<2.9	<10	<30	ND	ND	<00
S-10 S-17	10.12.21		3U 18 to 30	<0.017	<0.037	<0.037	<0.009		<3.0 <3.7	۲9.9 17	<49 <50	17	17	<60
S-17	10.12.21	C C	18 to 30	<0.010	<0.037	<0.037	<0.073		~3.1 <3.6	11	18</td <td></td> <td></td> <td><60</td>			<60
S-20	10.12.21	C	18 to 30	<0.010	<0.030	<0.030	<0.073	ND	~J.U <3.6	~₹0.0	~40			<60
S-20	10.12.21	C C	30	<0.010	<0.030	<0.030	<0.072		<4 3	<0.2	<40			<50
S-21	10.15.21	C	18 to 30	<0.021	<0.040	<0.040	<0.000	ND	<3.4	<9.0	<47	ND	ND	<60
3-22	10.10.21	U	10 10 30	<u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u></u>	∼ 0.034	<u><u></u>~0.034</u>	~0.009	UVI	~0.4	~ ₹.4	~47	NU	ND	~00

	TABLE 1 Lateral 6K-1 (9/1/21)													
	SOIL ANALYTICAL SUMMARY													
Sample I.D.	Date	Sample Type	Sample Depth	Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX ¹	TPH GRO	TPH DRO	TPH MRO	Total Combined TPH (GRO/DRO) ¹	Total Combined TPH (GRO/DRO/MRO) ¹	Chloride
		C- Composite G - Grab	(feet)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
New Mexico Energy, Mineral & Natural Resources Department Oil Conservation Division Closure Criteria (Tier I and Tier II)			es Department teria	10	NE	NE	NE	50				1,000	Tier I (< 4') - 100 Tier II - 2,500	Tier I (< 4') - 600 Tier II - 10,000
S-23	10.15.21	С	18 to 30	<0.019	<0.038	<0.038	<0.076	ND	<3.8	<9.9	<49	ND	ND	<60
S-24	10.15.21	С	18 to 30	<0.018	<0.037	<0.037	<0.073	ND	<3.7	<9.3	<47	ND	ND	<60

Note: Concentrations in **bold** and yellow exceed the applicable NM EMNRD Closure Criteria

¹ = Total combined concentrations are rounded to two (2) significant figures to match the laboratory resolution of the individual constituents.

ND = Not Detected above the Practical Quantitation Limits (PQLs) or Reporting Limits (RLs)

NE = Not established

mg/kg = milligram per kilogram

BTEX = Benzene, Toluene, Ethylbenzene, and Xylenes

TPH = Total Petroleum Hydrocarbons

GRO = Gasoline Range Organics

DRO = Diesel Range Organics

MRO = Motor Oil/Lube Oil Range Organics



APPENDIX G

Laboratory Data Sheets & Chain of Custody Documentation



September 15, 2021

Kyle Summers ENSOLUM 606 S Rio Grande Ste A Aztec, NM 87410 TEL: FAX Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: clients.hallenvironmental.com

RE: Trunk 6K 1

OrderNo.: 2109582

Dear Kyle Summers:

Hall Environmental Analysis Laboratory received 1 sample(s) on 9/11/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2109582

Date Reported: 9/15/2021

CLIENT:	ENSOLUM	Client Sample ID: SP-1
Project:	Trunk 6K 1	Collection Date: 9/10/2021 8:50:00 AM
Lab ID:	2109582-001	Matrix: MEOH (SOIL) Received Date: 9/11/2021 8:50:00 AM

Result	RL	Qual Units	DF	Date Analyzed	Batch
				Analyst	: VP
ND	61	mg/Kg	20	9/13/2021 6:06:30 AM	62526
GANICS				Analyst	SB
ND	9.3	mg/Kg	1	9/11/2021 4:21:20 PM	62523
ND	47	mg/Kg	1	9/11/2021 4:21:20 PM	62523
98.7	70-130	%Rec	1	9/11/2021 4:21:20 PM	62523
				Analyst	NSB
ND	3.6	mg/Kg	1	9/13/2021 10:18:50 AM	G81229
103	70-130	%Rec	1	9/13/2021 10:18:50 AM	G81229
				Analyst	NSB
ND	0.018	mg/Kg	1	9/13/2021 10:18:50 AM	B81229
ND	0.036	mg/Kg	1	9/13/2021 10:18:50 AM	B81229
ND	0.036	mg/Kg	1	9/13/2021 10:18:50 AM	B81229
ND	0.073	mg/Kg	1	9/13/2021 10:18:50 AM	B81229
88.5	70-130	%Rec	1	9/13/2021 10:18:50 AM	B81229
	Result ND GANICS ND 98.7 ND 103 ND ND ND ND ND ND 88.5	Result RL ND 61 SGANICS ND ND 9.3 ND 9.3 ND 47 98.7 70-130 ND 3.6 103 70-130 ND 0.018 ND 0.036 ND 0.036 ND 0.073 88.5 70-130	Result RL Qual Units ND 61 mg/Kg GANICS mg/Kg ND 9.3 mg/Kg ND 47 mg/Kg 98.7 70-130 %Rec ND 3.6 mg/Kg 103 70-130 %Rec ND 0.018 mg/Kg ND 0.036 mg/Kg ND 0.073 mg/Kg ND 0.073 %Rec	Result RL Qual Units DF ND 61 mg/Kg 20 IGANICS	Result RL Qual Units DF Date Analyzed ND 61 mg/Kg 20 9/13/2021 6:06:30 AM ND 61 mg/Kg 20 9/13/2021 6:06:30 AM IGANICS Analyst ND 9.3 mg/Kg 1 9/11/2021 4:21:20 PM ND 47 mg/Kg 1 9/11/2021 4:21:20 PM 98.7 70-130 %Rec 1 9/11/2021 4:21:20 PM 98.7 70-130 %Rec 1 9/11/2021 4:21:20 PM MD 3.6 mg/Kg 1 9/13/2021 10:18:50 AM 103 70-130 %Rec 1 9/13/2021 10:18:50 AM 103 70-130 %Rec 1 9/13/2021 10:18:50 AM 103 70-130 %Rec 1 9/13/2021 10:18:50 AM 103 70-130 mg/Kg 1 9/13/2021 10:18:50 AM ND 0.018 mg/Kg 1 9/13/2021 10:18:50 AM ND 0.036 mg/Kg 1 9/

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 1 of 5

Hall Env	WO#:	2109582	
			15-Sep-21
Chent: Project:	Trunk 6K 1		

Sample ID. WIB-02320	Sampiype: MDLK	TestCode. EPA Method 300.0: Anions					
Client ID: PBS	Batch ID: 62526	RunNo: 81207					
Prep Date: 9/13/2021	Analysis Date: 9/13/2021	SeqNo: 2868182	Units: mg/Kg				
Analyte	Result PQL SPK value	e SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit	Qual		
Chloride	ND 1.5						
Sample ID: LCS-62526	SampType: LCS	TestCode: EPA Method	l 300.0: Anions				
Sample ID: LCS-62526 Client ID: LCSS	SampType: LCS Batch ID: 62526	TestCode: EPA Method RunNo: 81207	l 300.0: Anions				
Sample ID: LCS-62526 Client ID: LCSS Prep Date: 9/13/2021	SampType: LCS Batch ID: 62526 Analysis Date: 9/13/2021	TestCode: EPA Method RunNo: 81207 SeqNo: 2868183	I 300.0: Anions Units: mg/Kg				
Sample ID: LCS-62526 Client ID: LCSS Prep Date: 9/13/2021 Analyte	SampType: LCS Batch ID: 62526 Analysis Date: 9/13/2021 Result PQL SPK value	TestCode: EPA Method RunNo: 81207 SeqNo: 2868183 e SPK Ref Val %REC LowLimit	I 300.0: Anions Units: mg/Kg HighLimit %RPD	RPDLimit	Qual		

- Value exceeds Maximum Contaminant Level. *
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- Analyte detected in the associated Method Blank В
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

QC DUI	WO#:	2109582	
Hall Env		15-Sep-21	
Client:	ENSOLUM		
Project:	Trunk 6K 1		

Sample ID: MB-62523 SampType: MBLK				TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	ID: PBS Batch ID: 62523				RunNo: 81216					
Prep Date: 9/11/2021	Analysis Date: 9/11/2021			S	SeqNo: 2867368 Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.3		10.00		93.0	70	130			
Sample ID: LCS-62523	Samp	Гуре: LC	S	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: LCSS	Batc	h ID: 62	523	F	RunNo: 8	1216				
Prep Date: 9/11/2021	Analysis [Date: 9/	11/2021	S	SeqNo: 2	867369	Units: mg/k	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	45	10	50.00	0	89.6	68.9	135			
Surr: DNOP	4.4		5.000		88.6	70	130			

- Value exceeds Maximum Contaminant Level. *
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- Analyte detected in the associated Method Blank В
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 3 of 5

ENSOLUM

Client:

Page 49 of 1 () 9
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Hall Environmental Analysis Laboratory, Inc.	 15-Sep-21
	_

Project:	Frunk 6K 1										
Sample ID: mb		SampType: MBLK				TestCode: EPA Method 8015D: Gasoline Range					
Client ID: PBS		Batch ID: G81229			RunNo: 81229						
Prep Date:	A	nalysis Da	ate: 9/	13/2021	S	SeqNo: 28	368112	Units: mg/#	٤g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics	(GRO)	ND	5.0								
Surr: BFB		1000		1000		100	70	130			
Sample ID: 2.5ug gr	o Ics	SampT	ype: LC	S	Tes	tCode: EF	PA Method	8015D: Gasc	line Rang	e	
Client ID: LCSS		Batch	ID: G8	31229	RunNo: 81229						
Prep Date:	A	nalysis Da	ate: 9/	13/2021	S	SeqNo: 28	368113	Units: mg/k	٤g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics	(GRO)	28	5.0	25.00	0	111	78.6	131			
Surr: BFB		1200		1000		118	70	130			

Qualifiers:

- Value exceeds Maximum Contaminant Level. *
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 4 of 5

Client:

	WO#:	2109582	
vironmental Analysis Laboratory, Inc.		15-Sep-21	
ENSOLUM			

Project:	Trunk 6K	K 1									
Sample ID:	mb	Samp	Гуре: МЕ	BLK	Tes	tCode: El	PA Method	8021B: Vola	tiles		
Client ID:	PBS	Batc	h ID: B8	1229	F	RunNo: 81229					
Prep Date:		Analysis [Date: 9/	13/2021	S	SeqNo: 2	868148	Units: mg/k	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		ND	0.025								
Toluene		ND	0.050								
Ethylbenzene		ND	0.050								
Xylenes, Total		ND	0.10								
Surr: 4-Brom	nofluorobenzene	0.86		1.000		85.6	70	130			
Sample ID:	100ng btex lcs	Samp	Гуре: LC	S	Tes	tCode: El	PA Method	8021B: Vola	tiles		
Client ID:	LCSS	Batc	h ID: B8	1229	F	RunNo: 8	1229				
Prep Date:		Analysis [Date: 9/	13/2021	5	SeqNo: 2	868153	Units: mg/k	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		0.91	0.025	1.000	0	91.1	80	120			
Toluene		0.93	0.050	1.000	0	92.8	80	120			
Ethylbenzene		0.94	0.050	1.000	0	93.5	80	120			
Xylenes, Total		2.8	0.10	3.000	0	92.1	80	120			
Surr: 4-Brom	nofluorobenzene	0.87		1.000		87.0	70	130			
Sample ID:	2109582-001ams	Samp	Гуре: МS	6	Tes	tCode: El	PA Method	8021B: Vola	tiles		
Client ID:	SP-1	Batc	h ID: B8	1229	F	RunNo: 8	1229				
Prep Date:		Analysis [Date: 9/	13/2021	S	SeqNo: 2	868154	Units: mg/h	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		0.65	0.018	0.7257	0	89.9	80	120			
Toluene		0.67	0.036	0.7257	0	92.3	80	120			
Ethylbenzene		0.67	0.036	0.7257	0	92.9	80	120			
Xylenes, Total		2.0	0.073	2.177	0	91.8	80	120			
Surr: 4-Brom	nofluorobenzene	0.66		0.7257		91.0	70	130			
Sample ID:	2109582-001amsd	I Samp	Гуре: МS	SD	Tes	tCode: El	PA Method	8021B: Vola	tiles		
Client ID:	SP-1	Batc	h ID: B8	1229	F	RunNo: 8	1229				
Prep Date:		Analysis [Date: 9/	13/2021	5	SeqNo: 2	868155	Units: mg/ł	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		0.65	0.018	0.7257	0	89.4	80	120	0.558	20	
Toluene		0.67	0.036	0.7257	0	91.7	80	120	0.652	20	
Ethylbenzene		0.67	0.036	0.7257	0	92.5	80	120	0.431	20	
Xylenes, Total		2.0	0.073	2.177	0	91.2	80	120	0.758	20	
Surr: 4-Brom	nofluorobenzene	0.67		0.7257		91.8	70	130	0	0	

Qualifiers:

- Value exceeds Maximum Contaminant Level. *
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page	51	ot	f 1	09
1 "8"		<i>vj</i>		

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ANALYSIS LABORATORY	TEL: 505-345-3 Website: client	4901 Hawkin 4901 Hawkin Albuquerque, NM 8 1975 FAX: 505-345- ts.hallenvironmental	atory 188 NE 7109 Sar 4107 1.com	Sample Log-In Check L				
Client Name: ENSOLUM	Work Order Num	ber: 2109582		RcptNo:	1			
Received By: Desiree Dominguez	9/11/2021 8:50:00	АМ	De					
Completed By: Desiree Dominguez	9/11/2021 9:13:33	AM	TP-					
Reviewed By: A 09/11/2021								
Chain of Custody								
1. Is Chain of Custody complete?		Yes 🗹	No 🗌	Not Present 🗌				
2. How was the sample delivered?		Courier						
Log In			_	_				
3. Was an attempt made to cool the samples?		Yes 🔽	No 📖	NA				
4. Were all samples received at a temperature	of >0° C to 6.0°C	Yes 🔽	No 🗌	NA 🗌				
5. Sample(s) in proper container(s)?		Yes 🗹	No 🗌					
6. Sufficient sample volume for indicated test(s)?	Yes 🖌	No 🗌					
7. Are samples (except VOA and ONG) proper	y preserved?	Yes 🗹	No 🗌					
8. Was preservative added to bottles?		Yes 🗌	No 🗹	NA 🗌				
9. Received at least 1 vial with headspace <1/4	" for AQ VOA?	Yes	No 🗌	NA 🔽				
10. Were any sample containers received broke	n?	Yes 🗆	No 🗹	# of preserved				
11. Does paperwork match bottle labels?		Yes 🖌	No 🗌	bottles checked for pH:				
(Note discrepancies on chain of custody)				(<2 or :	>12 unless n			
12. Are matrices correctly identified on Chain of	Custody?	Yes 🗹	No 🗌	Adjusted?	/			
13. Is it clear what analyses were requested?		Yes 🗹	No 🛄					
14. Were all holding times able to be met? (If no, notify customer for authorization.)		Yes 🗹	No 🛄	Checked by:	DAD 9/1			
Special Handling (if applicable)								
15. Was client notified of all discrepancies with	his order?	Yes	No 🗌	NA 🗹				
Person Notified:	Date:	1						
By Whom:	Via:	🗌 eMail 🔄 P	hone 🗌 Fax	In Person				
Regarding:								
Client Instructions:				an a				
16. Additional remarks:								
17. <u>Cooler Information</u>								
Cooler No Temp °C Condition Se	al Intact Seal No	Seal Date	Signed By					

Received by OCD: 1/6/2	2022 9:	4:23 AM						Page 52 of 109
ALL ENVIRONMENTA VALYSIS LABORATOR ww.hallenvironmental.com s NE - Albuquergue, NM 87109	-3975 Fax 505-345-4107 Analysis Request	6////60/28 ///////////////////////////////////	RCRA 8 Metals CI, F, Br, NO ₃ , 8260 (VOA) 8270 (Semi-VOA) Total Coliform (P	X				PM-TOM Long (EPCeU) PAY Key - REarbaso NUN AFT- NSSOOF NUN AFT- NSSOOF
4901 Hawkins	Tel. 505-345	1МВ% (8021) 8082 PCB's 4.1) 1 DRO / MRO)	PTEX / MTBET / TPH:80150(GRC 8081 Pesticides/ EDB (Method 50 EDB (Method 50	ХX				Remarks: SAME ()A) ossibility. Any sub-contract
Turn-Around Time: SAME DAY □ Standard 文Rush 1000 Project Name: Trun K @K-1	rugeut. Scenuts	Project Manager: <i>KSumpurs</i> Sampler: P.S.Uchi Wy	Contace: A res LLMO # of Coolers: 人 Cooler Temp(metuding cr): ひ,るーひ,ひらの (*C) Container Preservative HEAL No. Type and # Type	1×4/105/1 - 001				Received by: Via: Date Time R Received by: Via: Date Time 7 Received by: Via: Date Time Time 7/11/71 8:528 contracted to other accredited laboratories. This serves as notice of this p
Client: Ensolum, LLC Mailing Address: Lotu S. Probrande Suite A	N24C/NM 87710 Phone #:	email or Fax#: <u>XSu mnus & ensulumurum</u> QA/QC Package: Standard	Date Time Matrix Sample Name	91 wal 850 S SP-1				Date: Time: Relinquished by: 110 Date: Time: Relinquished by: 9 10 10 11 10 12 10 10 10 10 10 10 10 10 10 10



September 15, 2021

Kyle Summers ENSOLUM 606 S Rio Grande Ste A Aztec, NM 87410 TEL: FAX Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: clients.hallenvironmental.com

RE: Trunk 6K 1

OrderNo.: 2109584

Dear Kyle Summers:

Hall Environmental Analysis Laboratory received 8 sample(s) on 9/11/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2109584

Date Reported: 9/15/2021

CLIENT:	ENSOLUM	Client Sample ID: S-1
Project:	Trunk 6K 1	Collection Date: 9/10/2021 8:10:00 AM
Lab ID:	2109584-001	Matrix: MEOH (SOIL) Received Date: 9/11/2021 8:50:00 AM

					5	
					Analyst:	VP
ND	60		mg/Kg	20	9/13/2021 6:43:43 AM	62526
S					Analyst:	SB
ND	9.0		mg/Kg	1	9/11/2021 5:57:25 PM	62523
ND	45		mg/Kg	1	9/11/2021 5:57:25 PM	62523
96.3	70-130		%Rec	1	9/11/2021 5:57:25 PM	62523
					Analyst:	NSB
320	18		mg/Kg	5	9/13/2021 11:29:27 AM	G81229
386	70-130	S	%Rec	5	9/13/2021 11:29:27 AM	G81229
					Analyst:	NSB
ND	0.091		mg/Kg	5	9/13/2021 11:29:27 AM	B81229
1.6	0.18		mg/Kg	5	9/13/2021 11:29:27 AM	B81229
0.74	0.18		mg/Kg	5	9/13/2021 11:29:27 AM	B81229
5.9	0.37		mg/Kg	5	9/13/2021 11:29:27 AM	B81229
98.6	70-130		%Rec	5	9/13/2021 11:29:27 AM	B81229
	ND S ND 96.3 320 386 ND 1.6 0.74 5.9 98.6	ND 60 S 9.0 ND 9.0 ND 45 96.3 70-130 320 18 386 70-130 ND 0.091 1.6 0.18 0.74 0.18 5.9 0.37 98.6 70-130	ND 60 S 9.0 ND 9.0 ND 45 96.3 70-130 320 18 386 70-130 S ND 0.091 1.6 0.18 0.74 0.18 5.9 0.37 98.6 70-130	ND 60 mg/Kg S mg/Kg mg/Kg ND 9.0 mg/Kg 96.3 70-130 %Rec 320 18 mg/Kg 386 70-130 S ND 0.091 mg/Kg 1.6 0.18 mg/Kg 0.74 0.18 mg/Kg 98.6 70-130 %Rec	ND 60 mg/Kg 20 S ND 9.0 mg/Kg 1 ND 45 mg/Kg 1 96.3 70-130 %Rec 1 320 18 mg/Kg 5 386 70-130 S %Rec 5 ND 0.091 mg/Kg 5 1.6 0.18 mg/Kg 5 0.74 0.18 mg/Kg 5 98.6 70-130 %Rec 5	Analyst: ND 60 mg/Kg 20 9/13/2021 6:43:43 AM S Analyst: ND 9.0 mg/Kg 1 9/11/2021 5:57:25 PM ND 45 mg/Kg 1 9/11/2021 5:57:25 PM 96.3 70-130 %Rec 1 9/11/2021 5:57:25 PM Analyst: 320 18 mg/Kg 5 9/13/2021 11:29:27 AM 386 70-130 S %Rec 5 9/13/2021 11:29:27 AM Analyst: ND 0.091 mg/Kg 5 9/13/2021 11:29:27 AM 1.6 0.18 mg/Kg 5 9/13/2021 11:29:27 AM 0.74 0.18 mg/Kg 5 9/13/2021 11:29:27 AM 5.9 0.37 mg/Kg 5 9/13/2021 11:29:27 AM 98.6 70-130 %Rec 5 9/13/2021 11:29:27 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2109584

Date Reported: 9/15/2021

CLIENT:	ENSOLUM	Client Sample ID: S-2	
Project:	Trunk 6K 1	Collection Date: 9/10/2021 8:15:00 AM	
Lab ID:	2109584-002	Matrix: MEOH (SOIL) Received Date: 9/11/2021 8:50:00 AM	

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	VP
Chloride	ND	59		mg/Kg	20	9/13/2021 6:56:07 AM	62526
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS					Analyst	SB
Diesel Range Organics (DRO)	19	9.3		mg/Kg	1	9/11/2021 6:21:30 PM	62523
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	9/11/2021 6:21:30 PM	62523
Surr: DNOP	97.7	70-130		%Rec	1	9/11/2021 6:21:30 PM	62523
EPA METHOD 8015D: GASOLINE RANGE						Analyst	NSB
Gasoline Range Organics (GRO)	1200	37		mg/Kg	10	9/13/2021 11:53:02 AM	G81229
Surr: BFB	494	70-130	S	%Rec	10	9/13/2021 11:53:02 AM	G81229
EPA METHOD 8021B: VOLATILES						Analyst	NSB
Benzene	0.41	0.19		mg/Kg	10	9/13/2021 11:53:02 AM	B81229
Toluene	8.2	0.37		mg/Kg	10	9/13/2021 11:53:02 AM	B81229
Ethylbenzene	2.6	0.37		mg/Kg	10	9/13/2021 11:53:02 AM	B81229
Xylenes, Total	21	0.75		mg/Kg	10	9/13/2021 11:53:02 AM	B81229
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	10	9/13/2021 11:53:02 AM	B81229

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2109584

Date Reported: 9/15/2021

CLIENT:	ENSOLUM	Client Sample ID: S-3
Project:	Trunk 6K 1	Collection Date: 9/10/2021 8:20:00 AM
Lab ID:	2109584-003	Matrix: MEOH (SOIL) Received Date: 9/11/2021 8:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	VP
Chloride	ND	61		mg/Kg	20	9/13/2021 7:08:32 AM	62526
EPA METHOD 8015M/D: DIESEL RANGE ORC	SANICS					Analyst	SB
Diesel Range Organics (DRO)	11	8.8		mg/Kg	1	9/11/2021 6:45:35 PM	62523
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	9/11/2021 6:45:35 PM	62523
Surr: DNOP	96.2	70-130		%Rec	1	9/11/2021 6:45:35 PM	62523
EPA METHOD 8015D: GASOLINE RANGE						Analyst	NSB
Gasoline Range Organics (GRO)	560	16		mg/Kg	5	9/13/2021 12:16:35 PM	G81229
Surr: BFB	520	70-130	S	%Rec	5	9/13/2021 12:16:35 PM	G81229
EPA METHOD 8021B: VOLATILES						Analyst	NSB
Benzene	ND	0.079		mg/Kg	5	9/13/2021 12:16:35 PM	B81229
Toluene	2.9	0.16		mg/Kg	5	9/13/2021 12:16:35 PM	B81229
Ethylbenzene	1.7	0.16		mg/Kg	5	9/13/2021 12:16:35 PM	B81229
Xylenes, Total	14	0.32		mg/Kg	5	9/13/2021 12:16:35 PM	B81229
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	5	9/13/2021 12:16:35 PM	B81229

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2109584

Date Reported: 9/15/2021

CLIENT:	ENSOLUM	Client Sample ID: S-4
Project:	Trunk 6K 1	Collection Date: 9/10/2021 8:25:00 AM
Lab ID:	2109584-004	Matrix: MEOH (SOIL) Received Date: 9/11/2021 8:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	VP
Chloride	ND	60		mg/Kg	20	9/13/2021 7:20:56 AM	62526
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS					Analyst	SB
Diesel Range Organics (DRO)	ND	9.0		mg/Kg	1	9/11/2021 7:09:41 PM	62523
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	9/11/2021 7:09:41 PM	62523
Surr: DNOP	95.5	70-130		%Rec	1	9/11/2021 7:09:41 PM	62523
EPA METHOD 8015D: GASOLINE RANGE						Analyst	NSB
Gasoline Range Organics (GRO)	48	19		mg/Kg	5	9/13/2021 12:40:03 PM	G81229
Surr: BFB	147	70-130	S	%Rec	5	9/13/2021 12:40:03 PM	G81229
EPA METHOD 8021B: VOLATILES						Analyst	NSB
Benzene	ND	0.096		mg/Kg	5	9/13/2021 12:40:03 PM	B81229
Toluene	ND	0.19		mg/Kg	5	9/13/2021 12:40:03 PM	B81229
Ethylbenzene	ND	0.19		mg/Kg	5	9/13/2021 12:40:03 PM	B81229
Xylenes, Total	1.2	0.38		mg/Kg	5	9/13/2021 12:40:03 PM	B81229
Surr: 4-Bromofluorobenzene	92.8	70-130		%Rec	5	9/13/2021 12:40:03 PM	B81229

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2109584

Date Reported: 9/15/2021

CLIENT:	ENSOLUM	Client Sample ID: S-5	
Project:	Trunk 6K 1	Collection Date: 9/10/2021 8:30:00 AM	
Lab ID:	2109584-005	Matrix: MEOH (SOIL) Received Date: 9/11/2021 8:50:00 AM	

Result	RL	Qual	Units	DF	Date Analyzed	Batch
					Analyst	: VP
ND	60		mg/Kg	20	9/13/2021 7:58:08 AM	62526
RGANICS					Analyst	SB
ND	9.8		mg/Kg	1	9/11/2021 7:33:44 PM	62523
ND	49		mg/Kg	1	9/11/2021 7:33:44 PM	62523
97.3	70-130		%Rec	1	9/11/2021 7:33:44 PM	62523
					Analyst	NSB
78	17		mg/Kg	5	9/13/2021 1:03:40 PM	G81229
159	70-130	S	%Rec	5	9/13/2021 1:03:40 PM	G81229
					Analyst	NSB
ND	0.085		mg/Kg	5	9/13/2021 1:03:40 PM	B81229
ND	0.17		mg/Kg	5	9/13/2021 1:03:40 PM	B81229
ND	0.17		mg/Kg	5	9/13/2021 1:03:40 PM	B81229
1.3	0.34		mg/Kg	5	9/13/2021 1:03:40 PM	B81229
92.5	70-130		%Rec	5	9/13/2021 1:03:40 PM	B81229
	Result ND RGANICS ND 97.3 78 159 ND ND ND 1.3 92.5	Result RL ND 60 RGANICS ND ND 9.8 ND 49 97.3 70-130 78 17 159 70-130 ND 0.085 ND 0.17 ND 0.17 1.3 0.34 92.5 70-130	Result RL Qual ND 60 RGANICS ND 9.8 ND 49 97.3 70-130 78 17 159 70-130 S ND 0.085 ND 0.17 ND 0.17 1.3 0.34 92.5 70-130 S	Result RL Qual Units ND 60 mg/Kg RGANICS ND 9.8 mg/Kg ND 49 mg/Kg 97.3 70-130 %Rec 78 17 mg/Kg 159 70-130 S %Rec ND 0.085 mg/Kg ND 0.17 mg/Kg ND 0.17 mg/Kg 1.3 0.34 mg/Kg 92.5 70-130 %Rec	Result RL Qual Units DF ND 60 mg/Kg 20 RGANICS ND 9.8 mg/Kg 1 ND 49 mg/Kg 1 97.3 70-130 %Rec 1 78 17 mg/Kg 5 159 70-130 S %Rec 5 ND 0.085 mg/Kg 5 ND 0.17 mg/Kg 5 ND 0.17 mg/Kg 5 1.3 0.34 mg/Kg 5 92.5 70-130 %Rec 5	Result RL Qual Units DF Date Analyzed Analyst ND 60 mg/Kg 20 9/13/2021 7:58:08 AM ND 60 mg/Kg 1 9/13/2021 7:58:08 AM RGANICS Analyst ND 9.8 mg/Kg 1 9/11/2021 7:33:44 PM ND 49 mg/Kg 1 9/11/2021 7:33:44 PM 97.3 70-130 %Rec 1 9/11/2021 7:33:44 PM 97.3 70-130 %Rec 1 9/11/2021 7:33:44 PM 97.3 70-130 %Rec 5 9/13/2021 1:03:40 PM 159 70-130 S %Rec 5 9/13/2021 1:03:40 PM 159 70-130 S %Rec 5 9/13/2021 1:03:40 PM ND 0.085 mg/Kg 5 9/13/2021 1:03:40 PM ND 0.17 mg/Kg 5 9/13/2021 1:03:40 PM ND 0.17 mg/Kg 5 9/13/2021 1:03:40 PM ND 0.17

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

Lab Order **2109584** Date Reported: **9/15/2021**

CLIENT:	ENSOLUM	Client Sample ID: S-6
Project:	Trunk 6K 1	Collection Date: 9/10/2021 8:35:00 AM
Lab ID:	2109584-006	Matrix: MEOH (SOIL) Received Date: 9/11/2021 8:50:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	VP
Chloride	ND	60	mg/Kg	20	9/13/2021 8:10:33 AM	62526
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	SB
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	9/11/2021 7:57:48 PM	62523
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	9/11/2021 7:57:48 PM	62523
Surr: DNOP	96.4	70-130	%Rec	1	9/11/2021 7:57:48 PM	62523
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	ND	3.4	mg/Kg	1	9/13/2021 1:27:19 PM	G81229
Surr: BFB	105	70-130	%Rec	1	9/13/2021 1:27:19 PM	G81229
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.017	mg/Kg	1	9/13/2021 1:27:19 PM	B81229
Toluene	ND	0.034	mg/Kg	1	9/13/2021 1:27:19 PM	B81229
Ethylbenzene	ND	0.034	mg/Kg	1	9/13/2021 1:27:19 PM	B81229
Xylenes, Total	ND	0.067	mg/Kg	1	9/13/2021 1:27:19 PM	B81229
Surr: 4-Bromofluorobenzene	88.9	70-130	%Rec	1	9/13/2021 1:27:19 PM	B81229

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range RL Reporting Limit
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Hall Environmental Analysis Laboratory, Inc.

Lab Order **2109584** Date Reported: **9/15/2021**

CLIENT:	ENSOLUM	Client Sample ID: S-7
Project:	Trunk 6K 1	Collection Date: 9/10/2021 8:40:00 AM
Lab ID:	2109584-007	Matrix: MEOH (SOIL) Received Date: 9/11/2021 8:50:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	VP
Chloride	ND	60	mg/Kg	20	9/13/2021 8:22:57 AM	62526
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst:	SB
Diesel Range Organics (DRO)	ND	9.2	mg/Kg	1	9/11/2021 8:21:49 PM	62523
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	9/11/2021 8:21:49 PM	62523
Surr: DNOP	98.4	70-130	%Rec	1	9/11/2021 8:21:49 PM	62523
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	ND	3.9	mg/Kg	1	9/13/2021 2:14:48 PM	G81229
Surr: BFB	105	70-130	%Rec	1	9/13/2021 2:14:48 PM	G81229
EPA METHOD 8021B: VOLATILES					Analyst:	NSB
Benzene	ND	0.020	mg/Kg	1	9/13/2021 2:14:48 PM	B81229
Toluene	ND	0.039	mg/Kg	1	9/13/2021 2:14:48 PM	B81229
Ethylbenzene	ND	0.039	mg/Kg	1	9/13/2021 2:14:48 PM	B81229
Xylenes, Total	ND	0.079	mg/Kg	1	9/13/2021 2:14:48 PM	B81229
Surr: 4-Bromofluorobenzene	89.9	70-130	%Rec	1	9/13/2021 2:14:48 PM	B81229

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2109584

Date Reported: 9/15/2021

-		
CLIENT:	ENSOLUM	Client Sample ID: S-8
Project:	Trunk 6K 1	Collection Date: 9/10/2021 8:45:00 AM
Lab ID:	2109584-008	Matrix: MEOH (SOIL) Received Date: 9/11/2021 8:50:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	ND	60	mg/Kg	20	9/13/2021 8:35:22 AM	62526
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	SB
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	9/11/2021 8:45:47 PM	62523
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	9/11/2021 8:45:47 PM	62523
Surr: DNOP	96.8	70-130	%Rec	1	9/11/2021 8:45:47 PM	62523
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	ND	3.4	mg/Kg	1	9/13/2021 2:38:29 PM	G81229
Surr: BFB	103	70-130	%Rec	1	9/13/2021 2:38:29 PM	G81229
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.017	mg/Kg	1	9/13/2021 2:38:29 PM	B81229
Toluene	ND	0.034	mg/Kg	1	9/13/2021 2:38:29 PM	B81229
Ethylbenzene	ND	0.034	mg/Kg	1	9/13/2021 2:38:29 PM	B81229
Xylenes, Total	ND	0.068	mg/Kg	1	9/13/2021 2:38:29 PM	B81229
Surr: 4-Bromofluorobenzene	88.4	70-130	%Rec	1	9/13/2021 2:38:29 PM	B81229

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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Hall Env	ironmental	Analysis Laborato	ory, Inc.	WO#:	2109584 15-Sep-21
Client:	ENSOLUM				
Project:	Trunk 6K 1				
Sample ID: M	B-62526	SampType: MBLK	TestCode: EPA Method 300.0: Anions		

Client ID: PBS	Batch ID: 62526	R	RunNo: 81207		
Prep Date: 9/13/2021	Analysis Date: 9/13/2	021 S	SeqNo: 2868182	Units: mg/Kg	
Analyte	Result PQL SP	K value SPK Ref Val	%REC LowLimit	HighLimit %RPD	D RPDLimit Qual
Chloride	ND 1.5				
Sample ID: LCS-62526	SampType: LCS	Test	tCode: EPA Method	300.0: Anions	
Client ID: LCSS	Batch ID: 62526	R	RunNo: 81207		
Prep Date: 9/13/2021	Analysis Date: 9/13/2	021 S	SeqNo: 2868183	Units: mg/Kg	
Analyte	Result POI SPI	K value SPK Ref Val	%REC LowLimit	HighLimit %RPD	D RPDLimit Qual
7 11 101) 10				0	

- Value exceeds Maximum Contaminant Level. *
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- Analyte detected in the associated Method Blank в
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Hall Env	ironmental Analysis Laboratory, Inc.	WO#: 2109584 15-Sep-21
Client:	ENSOLUM	
Project:	Trunk 6K 1	

Sample ID: MB-62523	SampT	Type: ME	3LK	Tes	tCode: El	PA Method	8015M/D: Die	esel Rango	e Organics	
Client ID: PBS	Batcl	h ID: 62	523	F	RunNo: 8	1216				
Prep Date: 9/11/2021	Analysis E	Date: 9/	11/2021	5	SeqNo: 2	867368	Units: mg/K	٤g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.3		10.00		93.0	70	130			
Sample ID: LCS-62523	SampT	Гуре: LC	S	Tes	tCode: El	PA Method	8015M/D: Die	esel Rang	e Organics	
Sample ID: LCS-62523 Client ID: LCSS	SampT Batcl	「ype: LC h ID: 62 !	S 523	Tes F	tCode: El	PA Method 1216	8015M/D: Die	esel Range	e Organics	
Sample ID: LCS-62523 Client ID: LCSS Prep Date: 9/11/2021	SampT Batcl Analysis D	Type: LC h ID: 62 Date: 9/	S 523 11/2021	Tes F د	tCode: El RunNo: 8 SeqNo: 2	PA Method 1216 867369	8015M/D: Die Units: mg/K	esel Range €g	e Organics	
Sample ID: LCS-62523 Client ID: LCSS Prep Date: 9/11/2021 Analyte	SampT Batcl Analysis D Result	Fype: LC h ID: 62 Date: 9/ PQL	523 11/2021 SPK value	Tes ۶ ۶ SPK Ref Val	tCode: EI ≀unNo: 8 3eqNo: 2 %REC	PA Method 1216 867369 LowLimit	8015M/D: Die Units: mg/K HighLimit	esel Rang α ζg %RPD	e Organics RPDLimit	Qual
Sample ID: LCS-62523 Client ID: LCSS Prep Date: 9/11/2021 Analyte Diesel Range Organics (DRO)	SampT Batcl Analysis D Result 45	Type: LC h ID: 62 Date: 9/ PQL 10	523 11/2021 SPK value 50.00	Tes F S SPK Ref Val 0	tCode: Ef ≀unNo: 8 SeqNo: 2 %REC 89.6	PA Method 1216 867369 LowLimit 68.9	8015M/D: Die Units: mg/K HighLimit 135	esel Rang α ζg %RPD	e Organics	Qual

- Value exceeds Maximum Contaminant Level. *
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- Analyte detected in the associated Method Blank В
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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	WO#:	2109584
Iall Environmental Analysis Laboratory, Inc.		15-Sep-21

Client:	ENSOLUM													
Project:	Trunk 6K 1													
Sample ID: mb	nple ID: mb SampType: MBLK					TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS		Batch ID:	G81	229	R	anNo: 8	1229							
Prep Date:	Anal	ysis Date:	9/1	3/2021	S	eqNo: 2	868112	Units: mg/k	٢g					
Analyte	Res	sult P	QL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual			
Gasoline Range Organic	s (GRO)	ND	5.0											
Surr: BFB	10	000		1000		100	70	130						
Sample ID: 2.5ug g	grolcs S	ampType	LCS	3	Test	tCode: El	PA Method	8015D: Gaso	line Rang	e				
Client ID: LCSS		Batch ID:	G81	229	R	unNo: 8	1229							
Prep Date:	Anal	ysis Date:	9/1	3/2021	S	eqNo: 2	868113	Units: mg/ #	٢g					
Analyte	Res	sult P	QL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual			
Gasoline Range Organic	s (GRO)	28	5.0	25.00	0	111	78.6	131						
Surr: BFB	12	200		1000		118	70	130						

- Value exceeds Maximum Contaminant Level. *
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- Analyte detected in the associated Method Blank В
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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C SUMMART REFORT	WO#:	2109584
all Environmental Analysis Laboratory, Inc.		15-Sep-21

Client:	ENSOLUI	М											
Project:	Trunk 6K	1											
Sample ID: mb		Samp	Гуре: МЕ	BLK	Tes	tCode: El							
Client ID: PBS		Batc	h ID: B8	1229	F	RunNo: 8	1229						
Prep Date:		Analysis [Date: 9/	13/2021	S	SeqNo: 2	868148	Units: mg/ #	٢g				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Benzene		ND	0.025										
Toluene		ND	0.050										
Ethylbenzene		ND	0.050										
Xylenes, Total		ND	0.10										
Surr: 4-Bromofluorob	enzene	0.86		1.000		85.6	70	130					
Sample ID: 100ng	btex lcs	Samp	Гуре: LC	S	Tes	tCode: El	PA Method	8021B: Vola	tiles				
Client ID: LCSS		Batc	h ID: B8	1229	F	RunNo: 8	1229						
Prep Date:		Analysis [Date: 9/	13/2021	S	SeqNo: 2	868153	Units: mg/ #	ζg				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Benzene		0.91	0.025	1.000	0	91.1	80	120					
Toluene		0.93	0.050	1.000	0	92.8	80	120					
Ethylbenzene		0.94	0.050	1.000	0	93.5	80	120					
Xylenes, Total		2.8	0.10	3.000	0	92.1	80	120					
Surr: 4-Bromofluorob	enzene	0.87		1.000		87.0	70	130					

- Value exceeds Maximum Contaminant Level. *
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- Analyte detected in the associated Method Blank В
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 12 of 12

HALL ENVIRONMENTAL ANALYSIS LABORATORY	Hall Environment Ai TEL: 505-345-397 Website: clients.i	al Analysis Labo 4901 Hawki Ibuquerque, NM 75 FAX: 505-345 hallenvironmento	ratory ins NE 87109 Sar 5-4107 al.com	Sample Log-In Check List					
Client Name: ENSOLUM	Work Order Numbe	er: 2109584		RcptNo: 1					
Received By: Desiree Dominguez	9/11/2021 8:50:00 AI	M	TA						
Completed By: Desiree Dominguez Reviewed By: \mathcal{M} 09/11/2024	9/11/2021 9:21:28 AI	М	172						
Chain of Custody									
1. Is Chain of Custody complete?		Yes 🔽	No 🗌	Not Present					
2. How was the sample delivered?		Courier							
Log In 3. Was an attempt made to cool the samples	5?	Yes 🗹	No 🗌	NA 🗔					
4. Were all samples received at a temperature	re of ≥0° C to 6.0°C	Yes 🗹	No 🗌	NA 🗌					
5. Sample(s) in proper container(s)?		Yes 🔽	No 🗌						
6, Sufficient sample volume for indicated test	(s)?	Yes 🗹	No 🗌						
7. Are samples (except VOA and ONG) prope	erly preserved?	Yes 🖌	No						
8. Was preservative added to bottles?		Yes	No 🗹	NA 🗌					
9. Received at least 1 vial with headspace <1	/4" for AQ VOA?	Yes 🗌	No 🗌	NA 🗹					
10. Were any sample containers received brok	ken?	Yes 🗌	No 🗹	# of preserved					
 Does paperwork match bottle labels? (Note discrepancies on chain of custody) 		Yes 🗹	No 🗌	for pH: (<2 or >12-unless note					
2. Are matrices correctly identified on Chain c	of Custody?	Yes 🗹	No 🗌	Adjusted?					
3. Is it clear what analyses were requested?		Yes 🖌	No 🗌						
14. Were all holding times able to be met? (If no, notify customer for authorization.)		Yes 🗹	No 🗌	Checked by: DAD 9/11/2					
Special Handling (if applicable)									
15. Was client notified of all discrepancies with	n this order?	Yes 🗋	No 🗌	NA 🗹					
Person Notified:	Date:								
By Whom:	Via:	eMail 🗌 I	Phone 🗌 Fax	In Person					
Regarding: Client Instructions:			4) 22	na na manana ka paka ka					
16. Additional remarks:	· · · · · · · · · · · · · · · · · · ·		<u></u>	Ì					
17. <u>Cooler Information</u> Cooler No Temp ºC Condition 1 1 0.8 Good Y	Seal Intact Seal No	Seal Date	Signed By						

Receive			D: 1/6	5/202	2 9:	4:2	3 AN	1																ge 67 of .
	L ENVIRONMEN		ialienvironmental.com - Alburuerdue NM 87100	5 Eax 505-345-4107	Analysis Request	↓O	iəsqy S '†C	//tu	əsə.	(AO) (PC)	И (А огп огп	Sen Sen Sen Sen Sen	C/J/7 1019 C 2520 (2 2520 (2 2019 C	×						Χ	X		PM-TUM LONG (EPOB	Non AFE- NS5007
			www.r 4901 Hawkins NF	Tel. 505-345-397		(0 (1	SWI S,80 / WK	S02	10 / 2808 (1.1) 728	0 0 0 3/sət	D(C	215 (15 (15 (15 (15) (15) (15) (15) (15)	(X318 () () () () () () () () () () () () ()	XX					XIXI I I I			· ·	emarks:	
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rn-Around Time: So	Standard 🗙 Rush	oject Name:	Trunk lok-1	oject #: See nele)	ject Manager: KSumno	?		mpler: Prechilly	fice: KYes /			ntainer Preservative	Her ray	YUZJW Car	42 Dr COU	Yuzzar Carl	YETH COUL	Harry Civi	Yezzer CNI	YATTAN COOL		Mart 1 D. Lt	ived by: Via:
ustody Record	С 7	Pro	Publicante suite A	Pro		neseensylumicom Pro		Level 4 (Full Validation)	ompliance	91 14.01		5	Cor Sample Name	S-I IV	S-2 Ix	S-3 1X	S-4 12	5-5	S-6 IIX	5-7 X	S-8 1x		Peddy: Rece	ed by: Malle Rece
Chain-of-C	Client: Thy Olum, 11		Mailing Address: $h_{0} (\rho_{i})$	PATELINIM STUIC	Phone #:	email or Fax#: KSWMD	QA/QC Package:		Accreditation:				Date Time Matrix	9/10/21 810 S	9/11/21 815 S	9/10/21 820 S	9/10/21 825 S	9110121 830 S	9110121 835 S	9/10/21 840 S	giulal sus 5		Date: Time: Relinquish 9/10/9/ 1328 7/1	Date: Time: Relipquish $\frac{1}{2}$



October 13, 2021

Kyle Summers ENSOLUM 606 S. Rio Grande Suite A Aztec, NM 87410 TEL: (903) 821-5603 FAX Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: clients.hallenvironmental.com

OrderNo.: 2110514

Dear Kyle Summers:

RE: Trunk 6K 1

Hall Environmental Analysis Laboratory received 7 sample(s) on 10/9/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2110514

Date Reported: 10/13/2021

CLIENT:	ENSOLUM	Client Sample ID: S-9
Project:	Trunk 6K 1	Collection Date: 10/8/2021 9:00:00 AM
Lab ID:	2110514-001	Matrix: MEOH (SOIL) Received Date: 10/9/2021 8:00:00 AM

Result	PQL	Qual	Units	DF	Date Analyzed	Batch
					Analyst	MRA
ND	60		mg/Kg	20	10/10/2021 3:13:42 PM	63181
GANICS					Analyst	ТОМ
49	10		mg/Kg	1	10/9/2021 9:36:27 PM	63175
ND	50		mg/Kg	1	10/9/2021 9:36:27 PM	63175
86.7	70-130		%Rec	1	10/9/2021 9:36:27 PM	63175
					Analyst	mb
1100	17		mg/Kg	5	10/9/2021 10:49:00 AM	G81915
434	70-130	S	%Rec	5	10/9/2021 10:49:00 AM	G81915
					Analyst	mb
0.19	0.086		mg/Kg	5	10/9/2021 10:49:00 AM	R81915
4.6	0.17		mg/Kg	5	10/9/2021 10:49:00 AM	R81915
4.0	0.17		mg/Kg	5	10/9/2021 10:49:00 AM	R81915
21	0.34		mg/Kg	5	10/9/2021 10:49:00 AM	R81915
137	70-130	S	%Rec	5	10/9/2021 10:49:00 AM	R81915
	Result ND GANICS 49 ND 86.7 1100 434 0.19 4.6 4.0 21 137	Result PQL ND 60 GANICS 49 49 10 ND 50 86.7 70-130 1100 17 434 70-130 0.19 0.086 4.6 0.17 4.0 0.17 21 0.34 137 70-130	Result PQL Qual ND 60 GANICS 49 10 MD 50 50 86.7 70-130 50 1100 17 434 1100 17 434 0.19 0.086 6 4.6 0.17 4.0 0.17 21 0.34 137 70-130 S	Result PQL Qual Units ND 60 mg/Kg GANICS 49 10 mg/Kg MD 50 mg/Kg ND 50 mg/Kg 86.7 70-130 %Rec 1100 17 mg/Kg 434 70-130 S %Rec 0.19 0.086 mg/Kg 4.6 0.17 mg/Kg 4.0 0.17 mg/Kg 21 0.34 mg/Kg 137 70-130 S %Rec	Result PQL Qual Units DF ND 60 mg/Kg 20 GANICS 49 10 mg/Kg 1 ND 50 mg/Kg 1 ND 50 mg/Kg 1 86.7 70-130 %Rec 1 1100 17 mg/Kg 5 434 70-130 S %Rec 5 0.19 0.086 mg/Kg 5 4.6 0.17 mg/Kg 5 4.0 0.17 mg/Kg 5 21 0.34 mg/Kg 5 137 70-130 S %Rec 5	Result PQL Qual Units DF Date Analyzed ND 60 mg/Kg 20 10/10/2021 3:13:42 PM GANICS Analyst: 49 10 mg/Kg 1 10/9/2021 9:36:27 PM ND 50 mg/Kg 1 10/9/2021 9:36:27 PM ND 50 mg/Kg 1 10/9/2021 9:36:27 PM 86.7 70-130 %Rec 1 10/9/2021 9:36:27 PM 86.7 70-130 %Rec 1 10/9/2021 9:36:27 PM 1100 50 mg/Kg 1 10/9/2021 9:36:27 PM 434 70-130 %Rec 1 10/9/2021 9:36:27 PM 434 70-130 S %Rec 1 10/9/2021 9:36:27 PM 434 70-130 S %Rec 5 10/9/2021 10:49:00 AM 434 70-130 S %Rec 5 10/9/2021 10:49:00 AM 4.6 0.17 mg/Kg 5 10/9/2021 10:49:00 AM 4.0 0.17

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2110514 Date Reported: 10/13/2021

CLIENT:	ENSOLUM	Client Sample ID: S-10
Project:	Trunk 6K 1	Collection Date: 10/8/2021 9:05:00 AM
Lab ID:	2110514-002	Matrix: MEOH (SOIL) Received Date: 10/9/2021 8:00:00 AM

Analyses	Result	PQL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	MRA
Chloride	ND	59	mg/Kg	20	10/10/2021 3:26:03 PM	63181
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst	ТОМ
Diesel Range Organics (DRO)	ND	9.1	mg/Kg	1	10/9/2021 9:49:28 PM	63175
Motor Oil Range Organics (MRO)	ND	45	mg/Kg	1	10/9/2021 9:49:28 PM	63175
Surr: DNOP	85.0	70-130	%Rec	1	10/9/2021 9:49:28 PM	63175
EPA METHOD 8015D: GASOLINE RANGE					Analyst	mb
Gasoline Range Organics (GRO)	ND	3.2	mg/Kg	1	10/9/2021 11:09:00 AM	G81915
Surr: BFB	112	70-130	%Rec	1	10/9/2021 11:09:00 AM	G81915
EPA METHOD 8021B: VOLATILES					Analyst	mb
Benzene	ND	0.016	mg/Kg	1	10/9/2021 11:09:00 AM	R81915
Toluene	ND	0.032	mg/Kg	1	10/9/2021 11:09:00 AM	R81915
Ethylbenzene	ND	0.032	mg/Kg	1	10/9/2021 11:09:00 AM	R81915
Xylenes, Total	ND	0.065	mg/Kg	1	10/9/2021 11:09:00 AM	R81915
Surr: 4-Bromofluorobenzene	80.7	70-130	%Rec	1	10/9/2021 11:09:00 AM	R81915

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

Lab Order **2110514** Date Reported: **10/13/2021**

CLIENT:	ENSOLUM	Client Sample ID: S-11	
Project:	Trunk 6K 1	Collection Date: 10/8/2021 9:10:00 AM	
Lab ID:	2110514-003	Matrix: MEOH (SOIL) Received Date: 10/9/2021 8:00:00 AM	

Result	PQL	Qual Units	DF	Date Analyzed	Batch
				Analyst	MRA
ND	60	mg/Kg	20	10/10/2021 3:38:25 PM	63181
GANICS				Analyst	том
ND	9.7	mg/Kg	1	10/9/2021 10:02:33 PM	63175
ND	48	mg/Kg	1	10/9/2021 10:02:33 PM	63175
85.2	70-130	%Rec	1	10/9/2021 10:02:33 PM	63175
				Analyst	mb
7.6	3.8	mg/Kg	1	10/9/2021 11:28:00 AM	G81915
121	70-130	%Rec	1	10/9/2021 11:28:00 AM	G81915
				Analyst	mb
ND	0.019	mg/Kg	1	10/9/2021 11:28:00 AM	R81915
ND	0.038	mg/Kg	1	10/9/2021 11:28:00 AM	R81915
ND	0.038	mg/Kg	1	10/9/2021 11:28:00 AM	R81915
0.10	0.077	mg/Kg	1	10/9/2021 11:28:00 AM	R81915
85.5	70-130	%Rec	1	10/9/2021 11:28:00 AM	R81915
	Result ND GANICS ND 85.2 7.6 121 ND ND ND 0.10 85.5	Result PQL ND 60 GANICS ND ND 48 85.2 70-130 7.6 3.8 121 70-130 ND 0.019 ND 0.038 ND 0.038 0.10 0.077 85.5 70-130	Result PQL Qual Units ND 60 mg/Kg GANICS mg/Kg mg/Kg ND 9.7 mg/Kg ND 48 mg/Kg 85.2 70-130 %Rec 7.6 3.8 mg/Kg 121 70-130 %Rec ND 0.019 mg/Kg ND 0.038 mg/Kg ND 0.038 mg/Kg ND 0.038 mg/Kg 0.10 0.077 mg/Kg 85.5 70-130 %Rec	Result PQL Qual Units DF ND 60 mg/Kg 20 GANICS MD 9.7 mg/Kg 1 ND 48 mg/Kg 1 ND 48 mg/Kg 1 7.6 3.8 mg/Kg 1 121 70-130 %Rec 1 ND 0.019 mg/Kg 1 ND 0.038 mg/Kg 1 ND 0.038 mg/Kg 1 ND 0.038 mg/Kg 1 0.10 0.077 mg/Kg 1 85.5 70-130 %Rec 1	Result PQL Qual Units DF Date Analyzed ND 60 mg/Kg 20 10/10/2021 3:38:25 PM GANICS Analyst: ND 9.7 mg/Kg 1 10/9/2021 10:02:33 PM ND 9.7 mg/Kg 1 10/9/2021 10:02:33 PM ND 48 mg/Kg 1 10/9/2021 10:02:33 PM 85.2 70-130 %Rec 1 10/9/2021 10:02:33 PM 85.2 70-130 %Rec 1 10/9/2021 10:02:33 PM 7.6 3.8 mg/Kg 1 10/9/2021 11:28:00 AM 121 70-130 %Rec 1 10/9/2021 11:28:00 AM 121 70-130 mg/Kg 1 10/9/2021 11:28:00 AM ND 0.019 mg/Kg 1 10/9/2021 11:28:00 AM ND 0.038 mg/Kg 1 10/9/2021 11:28:00 AM ND 0.038 mg/Kg 1 10/9/2021 11:28:00 AM 0.10 0.077 mg/Kg 1

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2110514

Date Reported: 10/13/2021

CLIENT:	ENSOLUM	Client Sample ID: S-12	-
Project:	Trunk 6K 1	Collection Date: 10/8/2021 9:15:00 AM	
Lab ID:	2110514-004	Matrix: MEOH (SOIL) Received Date: 10/9/2021 8:00:00 AM	

Analyses	Result	PQL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	MRA
Chloride	160	60	mg/Kg	20	10/10/2021 3:50:47 PM	63181
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Ana						том
Diesel Range Organics (DRO)	ND	9.2	mg/Kg	1	10/9/2021 10:15:41 PM	63175
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	10/9/2021 10:15:41 PM	63175
Surr: DNOP	86.3	70-130	%Rec	1	10/9/2021 10:15:41 PM	63175
EPA METHOD 8015D: GASOLINE RANGE					Analyst:	mb
Gasoline Range Organics (GRO)	ND	3.9	mg/Kg	1	10/9/2021 11:48:00 AM	G81915
Surr: BFB	99.5	70-130	%Rec	1	10/9/2021 11:48:00 AM	G81915
EPA METHOD 8021B: VOLATILES					Analyst:	mb
Benzene	ND	0.020	mg/Kg	1	10/9/2021 11:48:00 AM	R81915
Toluene	ND	0.039	mg/Kg	1	10/9/2021 11:48:00 AM	R81915
Ethylbenzene	ND	0.039	mg/Kg	1	10/9/2021 11:48:00 AM	R81915
Xylenes, Total	ND	0.079	mg/Kg	1	10/9/2021 11:48:00 AM	R81915
Surr: 4-Bromofluorobenzene	84.7	70-130	%Rec	1	10/9/2021 11:48:00 AM	R81915

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2110514

Date Reported: 10/13/2021

CLIENT:	ENSOLUM	Client Sample ID: S-13
Project:	Trunk 6K 1	Collection Date: 10/8/2021 9:20:00 AM
Lab ID:	2110514-005	Matrix: MEOH (SOIL) Received Date: 10/9/2021 8:00:00 AM

Result	PQL	Qual	Units	DF	Date Analyzed	Batch
					Analyst:	MRA
ND	60		mg/Kg	20	10/10/2021 4:03:08 PM	63181
RGANICS					Analyst:	том
ND	8.7		mg/Kg	1	10/9/2021 10:28:49 PM	63175
ND	43		mg/Kg	1	10/9/2021 10:28:49 PM	63175
83.5	70-130		%Rec	1	10/9/2021 10:28:49 PM	63175
					Analyst:	mb
37	3.4		mg/Kg	1	10/9/2021 12:07:00 PM	G81915
303	70-130	S	%Rec	1	10/9/2021 12:07:00 PM	G81915
					Analyst:	mb
ND	0.017		mg/Kg	1	10/9/2021 12:07:00 PM	R81915
ND	0.034		mg/Kg	1	10/9/2021 12:07:00 PM	R81915
0.10	0.034		mg/Kg	1	10/9/2021 12:07:00 PM	R81915
0.27	0.069		mg/Kg	1	10/9/2021 12:07:00 PM	R81915
111	70-130		%Rec	1	10/9/2021 12:07:00 PM	R81915
	Result ND (GANICS) ND 83.5 37 303 ND ND 0.10 0.27 111	Result PQL ND 60 CGANICS ND ND 43 83.5 70-130 37 3.4 303 70-130 ND 0.017 ND 0.034 0.10 0.034 0.27 0.069 111 70-130	Result PQL Qual ND 60 GANICS 8.7 ND 43 83.5 70-130 37 3.4 303 70-130 ND 0.017 ND 0.034 0.10 0.034 0.27 0.069 111 70-130	Result PQL Qual Units ND 60 mg/Kg SGANICS mg/Kg ND 8.7 mg/Kg ND 43 mg/Kg 83.5 70-130 %Rec 37 3.4 mg/Kg 303 70-130 S ND 0.017 mg/Kg ND 0.034 mg/Kg 0.10 0.034 mg/Kg 0.27 0.069 mg/Kg 111 70-130 %Rec	Result PQL Qual Units DF ND 60 mg/Kg 20 KGANICS ND 8.7 mg/Kg 1 ND 43 mg/Kg 1 83.5 70-130 %Rec 1 37 3.4 mg/Kg 1 303 70-130 S %Rec 1 ND 0.017 mg/Kg 1 ND 0.034 mg/Kg 1 0.10 0.034 mg/Kg 1 0.27 0.069 mg/Kg 1 111 70-130 %Rec 1	Result PQL Qual Units DF Date Analyzed ND 60 mg/Kg 20 10/10/2021 4:03:08 PM ND 60 mg/Kg 20 10/10/2021 4:03:08 PM GANICS Analyst: ND 8.7 mg/Kg 1 10/9/2021 10:28:49 PM ND 43 mg/Kg 1 10/9/2021 10:28:49 PM 83.5 70-130 %Rec 1 10/9/2021 10:28:49 PM 83.5 70-130 %Rec 1 10/9/2021 10:28:49 PM 37 3.4 mg/Kg 1 10/9/2021 12:07:00 PM 303 70-130 S %Rec 1 10/9/2021 12:07:00 PM 303 70-130 S %Rec 1 10/9/2021 12:07:00 PM MD 0.017 mg/Kg 1 10/9/2021 12:07:00 PM ND 0.034 mg/Kg 1 10/9/2021 12:07:00 PM 0.10 0.034 mg/Kg 1 10/9/2021 12:07:00 PM 0.27 0.069 <t< td=""></t<>

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2110514

Date Reported: 10/13/2021

CLIENT:	ENSOLUM	Client Sample ID: S-14
Project:	Trunk 6K 1	Collection Date: 10/8/2021 9:25:00 AM
Lab ID:	2110514-006	Matrix: MEOH (SOIL) Received Date: 10/9/2021 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	MRA
Chloride	ND	60		mg/Kg	20	10/10/2021 4:15:30 PM	63181
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS					Analyst	том
Diesel Range Organics (DRO)	11	9.7		mg/Kg	1	10/9/2021 10:42:02 PM	63175
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/9/2021 10:42:02 PM	63175
Surr: DNOP	83.4	70-130		%Rec	1	10/9/2021 10:42:02 PM	63175
EPA METHOD 8015D: GASOLINE RANGE						Analyst	mb
Gasoline Range Organics (GRO)	46	3.8		mg/Kg	1	10/9/2021 12:27:00 PM	G81915
Surr: BFB	209	70-130	S	%Rec	1	10/9/2021 12:27:00 PM	G81915
EPA METHOD 8021B: VOLATILES						Analyst	mb
Benzene	ND	0.019		mg/Kg	1	10/9/2021 12:27:00 PM	R81915
Toluene	0.068	0.038		mg/Kg	1	10/9/2021 12:27:00 PM	R81915
Ethylbenzene	0.14	0.038		mg/Kg	1	10/9/2021 12:27:00 PM	R81915
Xylenes, Total	0.50	0.076		mg/Kg	1	10/9/2021 12:27:00 PM	R81915
Surr: 4-Bromofluorobenzene	120	70-130		%Rec	1	10/9/2021 12:27:00 PM	R81915

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 6 of 11

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2110514

Date Reported: 10/13/2021

CLIENT:	ENSOLUM	Client Sample ID: S-15
Project:	Trunk 6K 1	Collection Date: 10/8/2021 9:30:00 AM
Lab ID:	2110514-007	Matrix: MEOH (SOIL) Received Date: 10/9/2021 8:00:00 AM

Analyses	Result	PQL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	MRA
Chloride	ND	60	mg/Kg	20	10/10/2021 4:27:52 PM	63181
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst:	том
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	10/9/2021 10:55:09 PM	63175
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	10/9/2021 10:55:09 PM	63175
Surr: DNOP	84.8	70-130	%Rec	1	10/9/2021 10:55:09 PM	63175
EPA METHOD 8015D: GASOLINE RANGE					Analyst:	mb
Gasoline Range Organics (GRO)	ND	2.9	mg/Kg	1	10/9/2021 12:47:00 PM	G81915
Surr: BFB	94.1	70-130	%Rec	1	10/9/2021 12:47:00 PM	G81915
EPA METHOD 8021B: VOLATILES					Analyst:	mb
Benzene	ND	0.014	mg/Kg	1	10/9/2021 12:47:00 PM	R81915
Toluene	ND	0.029	mg/Kg	1	10/9/2021 12:47:00 PM	R81915
Ethylbenzene	ND	0.029	mg/Kg	1	10/9/2021 12:47:00 PM	R81915
Xylenes, Total	ND	0.058	mg/Kg	1	10/9/2021 12:47:00 PM	R81915
Surr: 4-Bromofluorobenzene	77.9	70-130	%Rec	1	10/9/2021 12:47:00 PM	R81915

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range RL Reporting Limit

Page 7 of 11

Client: Project:	ENSOLUM Trunk 6K 1	1									
Sample ID: Client ID:	: MB-63181 PBS	SampType: mblk Batch ID: 63181			TestCode: EPA Method RunNo: 81928			300.0: Anion	s		
Prep Date:	10/10/2021	Analysis Da	ate: 10	0/10/2021	S	SeqNo: 28	399760	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND	1.5								
Sample ID:	: LCS-63181	SampTy	ype: Ics	5	Tes	tCode: EF	PA Method	300.0: Anion	s		
Client ID:	LCSS	Batch	ID: 63	181	R	RunNo: 8 1	1928				
Prep Date:	10/10/2021	Analysis Da	ate: 10	0/10/2021	S	SeqNo: 28	399761	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14	1.5	15.00	0	94.0	90	110			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 8 of 11

2110514

13-Oct-21

WO#:

QC SUMMARY REPORT H

	WO#:	2110514
Iall Environmental Analysis Laboratory, Inc.		13-Oct-21

Client:	ENSOLUM										
Project:	Trunk 6K 1										
Sample ID: MB-63	3175 Sam	рТуре: М	BLK	Tes	tCode: El	PA Method	8015M/D: Di	esel Rang	e Organics		
Client ID: PBS	Ba	tch ID: 63	175	F	RunNo: 8	1929					
Prep Date: 10/9/	2021 Analysis	s Date: 1	0/9/2021	S	SeqNo: 2	899833	Units: mg/ł	٨g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics	(DRO) ND	10									
Motor Oil Range Organ	ics (MRO) ND	50									
Surr: DNOP	8.6		10.00		85.9	70	130				
Sample ID: LCS-6	3175 Sam	SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics									
Client ID: LCSS	Ba	tch ID: 63	175	RunNo: 81929							
Prep Date: 10/9/	2021 Analysis	s Date: 1	0/9/2021	5	SeqNo: 2	899836	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics	(DRO) 43	10	50.00	0	86.3	68.9	135				
Surr: DNOP	4.5		5.000		89.2	70	130				
Sample ID: 21105	14-001AMS Sam	рТуре: М	S	Tes	tCode: El	PA Method	8015M/D: Di	esel Rang	e Organics		
Client ID: S-9	Ва	tch ID: 63	175	F	RunNo: 8	1929					
Prep Date: 10/9/	2021 Analysis	s Date: 1	0/9/2021	S	SeqNo: 2	899883	Units: mg/ł	٨g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics	(DRO) 85	9.2	45.87	48.60	78.9	39.3	155				
Surr: DNOP	4.1		4.587		89.3	70	130				
Sample ID: 21105	14-001AMSD Sam	рТуре: М	SD	Tes	tCode: El	PA Method	8015M/D: Di	esel Rang	e Organics		
Client ID: S-9	Ba	tch ID: 63	175	F	RunNo: 8	1929					
Prep Date: 10/9/	2021 Analysis	s Date: 1	0/9/2021	S	SeqNo: 2	899884	Units: mg/ł	٨g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics	(DRO) 90	9.4	46.86	48.60	88.9	39.3	155	6.28	23.4		
Surr: DNOP	4.2		4.686		90.0	70	130	0	0		

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Holding times for preparation or analysis exceeded Not Detected at the Reporting Limit Н
- ND
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- Analyte detected below quantitation limits J
- Sample pH Not In Range Р
- RL Reporting Limit

OC SUMMARY REPORT H

Hall Er	Hall Environmental Analysis Laboratory, Inc.								
Client: Project:	ENSOLUM Trunk 6K 1								
Sample ID:	2110514-001ams	SampType:	MS	TestCode: EPA Method 8015D: Gasoline Range					
Client ID:	S-9	Batch ID:	G81915	RunNo: 81915					

Prep Date:	Analysis D)ate: 10)/9/2021	S	SeqNo: 2	898688	Units: mg/K			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	1100	17	17.12	1111	118	61.3	114			S
Surr: BFB	13000		3424		391	70	130			S
Sample ID: 2110514-001amsd	I SampT	уре: М	SD	Tes	tCode: E	PA Method	8015D: Gaso	line Rang	e	
Client ID: S-9	Batch	ו ID: G8	1915	F	RunNo: 81915					
Prep Date:	Analysis D)ate: 10)/9/2021	5	SeqNo: 2898689			Units: mg/Kg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	1100	17	17.12	1111	91.8	61.3	114	0.394	20	
Surr: BFB	14000		3424		416	70	130	0	0	S
Sample ID: mb-water	ample ID: mb-water SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range									
Client ID: PBS	Batch	ו ID: R8	1915	RunNo: 81915						
Prep Date:	Analysis D)ate: 10)/9/2021	S	SeqNo: 2	902438	Units: %Rec			
Anchite										
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	Result 1000	PQL	SPK value 1000	SPK Ref Val	%REC 101	LowLimit 70	HighLimit 130	%RPD	RPDLimit	Qual
Surr: BFB	Result 1000 SampT	PQL	SPK value 1000	SPK Ref Val	%REC 101 tCode: E	LowLimit 70 PA Method	HighLimit 130 8015D: Gaso	%RPD	RPDLimit	Qual
Surr: BFB Sample ID: 2.5ug gro Ics Client ID: LCSS	Result 1000 SampT Batch	PQL ype: LC	SPK value 1000 S 1915	SPK Ref Val Tes	%REC 101 tCode: E RunNo: 8	LowLimit 70 PA Method 1915	HighLimit 130 8015D: Gaso	%RPD	RPDLimit e	Qual
Surr: BFB Sample ID: 2.5ug gro Ics Client ID: LCSS Prep Date:	Result 1000 SampT Batch Analysis D	PQL Type: LC 1 ID: R8 vate: 10	SPK value 1000 S 1915 0/9/2021	SPK Ref Val Tes F	%REC 101 tCode: E RunNo: 8 SeqNo: 2	LowLimit 70 PA Method 1915 902439	HighLimit 130 8015D: Gaso Units: %Red	%RPD	RPDLimit e	Qual
Surr: BFB Sample ID: 2.5ug gro Ics Client ID: LCSS Prep Date: Analyte	Result 1000 SampT Batch Analysis D Result	PQL ype: LC 1 ID: R8 vate: 10 PQL	SPK value 1000 SS 1915 D/9/2021 SPK value	SPK Ref Val Tes F SPK Ref Val	%REC 101 tCode: E RunNo: 8 SeqNo: 2 %REC	LowLimit 70 PA Method 1915 902439 LowLimit	HighLimit 130 8015D: Gaso Units: %Red HighLimit	%RPD line Rang %RPD	RPDLimit e RPDLimit	Qual

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit ND
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- Analyte detected below quantitation limits J
- Sample pH Not In Range Р
- RL Reporting Limit

Page 10 of 11

ENSOLUM

Trunk 6K 1

Client:

Project:

Client ID: S-10

Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total

Sample ID: 2110514-002ams

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

SampType: MS

Batch ID: R81915

Prep Date:	Analysis [Date: 10)/9/2021	5	SeqNo: 28	899546	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.88	0.025	1.000	0	88.3	80	120			
Toluene	0.86	0.050	1.000	0	85.9	80	120			
Ethylbenzene	0.91	0.050	1.000	0	91.4	80	120			
Kylenes, Total	2.7	0.10	3.000	0	89.0	80	120			
Surr: 4-Bromofluorobenzene	0.77		1.000		76.7	70	130			
Sample ID: 2110514-002amsd	Samp	Гуре: МS	SD	Tes	TestCode: EPA Method 8021B: Volatiles					
Client ID: S-10	Batc	h ID: R8	1915	F	RunNo: 81915					
Prep Date:	Analysis [Date: 10)/9/2021	5	SeqNo: 28	899549	Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.88	0.025	1.000	0	87.8	80	120	0.531	20	
Toluene	0.89	0.050	1.000	0	88.6	80	120	3.08	20	
Ethylbenzene	0.87	0.050	1.000	0	87.4	80	120	4.43	20	
Kylenes, Total	2.7	0.10	3.000	0	88.4	80	120	0.661	20	
Surr: 4-Bromofluorobenzene	0.74		1.000		74.5	70	130	0	0	
Sample ID: mb-water	Samp	Гуре: МЕ	BLK	Tes	TestCode: EPA Method 8021B: Volatiles					
Client ID: PBS	Batc	h ID: R8	1915	F	RunNo: 8 4	1915				
Prep Date:	Analysis [Date: 10)/9/2021	5	SeqNo: 29	902440	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Kylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.91		1.000		91.1	70	130			

RunNo: 81915

TestCode: EPA Method 8021B: Volatiles

Sample ID: 100ng btex Ics	Samp	SampType: LCS TestCode: EPA Method				8021B: Volat	iles			
Client ID: LCSS	Batc	h ID: R8	1915	F	RunNo: 8	1915				
Prep Date:	Analysis [Date: 10)/9/2021	S	SeqNo: 2	902441	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.89	0.025	1.000	0	89.3	80	120			
Toluene	0.96	0.050	1.000	0	95.6	80	120			
Ethylbenzene	0.94	0.050	1.000	0	94.1	80	120			
Xylenes, Total	2.9	0.10	3.000	0	95.5	80	120			
Surr: 4-Bromofluorobenzene	0.87		1.000		87.4	70	130			

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- POL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- Analyte detected below quantitation limits J
- Р Sample pH Not In Range
- RL Reporting Limit

WO#: 2110514

HALL ENVIRONMENTA ANALYSIS LABORATORY	Ha AL TE W	ll Environmental Albu L: 505-345-3975 Vebsite: clients.ha	Analys 4901 iquerqi FAX: 1 llenviro	is Laboratory Hawkins NE 1e, NM 87109 505-345-4107 pnmental.com	Sa	mple Log-In C	heck List
Client Name: ENSOLUM	Work	Order Number:	2110	514		RcptNo:	1
Received By: Isaiah Orti	z 10/9/20)21 8:00:00 AM			Inc	2-1	
Completed By: Isaiah Orti Reviewed By: M 10/	z 10/9/20 09/2021	121 8:40:09 AM			INC	2-1	
Chain of Custody							
1. Is Chain of Custody comple	ete?		Yes	\checkmark	No	Not Present	
2. How was the sample delive	ered?		<u>Couri</u>	er			
Log In 3. Was an attempt made to co	ool the samples?		Yes	V	No 🗌	NA 🗌	
4. Were all samples received	at a temperature of >0° C	to 6.0°C	Yes	V	No 🗌	NA 🗌	
5. Sample(s) in proper contain	ner(s)?		Yes	\checkmark	No 🗌		
6. Sufficient sample volume for	r indicated test(s)?		Yes	\checkmark	No 🗌		
7. Are samples (except VOA a	nd ONG) properly preserve	ed?	Yes	\checkmark	No 🗌		
8. Was preservative added to	bottles?		Yes		No 🗹	NA 🗌	
9. Received at least 1 vial with	headspace <1/4" for AQ \	/OA?	Yes [No 🗌	NA 🗹	
10. Were any sample contained	s received broken?		Yes		No 🗹	# of preserved	
11. Does paperwork match bott	le labels?		Yes	\checkmark	No 🗌	bottles checked for pH:	10 9 Z
2 Are matrices correctly ident	fied on Chain of Custody?		Yes		No 🗌	Adjusted?	12 dilless noted)
3. Is it clear what analyses we	re requested?		Yes [No 🗌		
14. Were all holding times able (If no, notify customer for au	to be met? ithorization.)		Yes [\checkmark	No 🗌	Checked by:	
Special Handling (if app	licable)						
15. Was client notified of all dis	crepancies with this order	?	Yes		No 🗌	NA 🗹	
Person Notified:		Date:			Anonamounternation*		
By Whom:		Via:	eMa	I Phone	e 🗌 Fax	In Person	
Regarding:	di Manana ang kalakang sang manang kalang nang kalang di kalang kang kang kang kang kang kang kang k		oramide Automotion			Construction of sourcement and the source of	
Client Instructions:						and Court Close and a Indiana state of the Court of the London Bergersead of	
16. Additional remarks:							
17. <u>Cooler Information</u>	Condition Seel Intert	Cool No.				1	
1 2.7	Good Yee	Sear No Se	eal Da	te Sigi	nea By		

Received by OCD: 1/6/2022 9:	4:23 AM		Page 81 of 109
VIRONMENTAL S LABORATORY nmental.com uerque, NM 87109 < 505-345-4107 s Request	(AOV-ime2) (fresent/Absent) (fresent/Absent)		Le 2 2 1200 S 2 1200 S 5 5 0 7 S 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
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HA AN ww kins I 345-3	s by 8310 or 8270SIMS	И	Intracted
505-2	Method 504.1)		
4901 Tel.	8015D(GRO / DRO / MRO)		arks:
	(1208) 2.8MT (3021)		
501 10-11-13 5-1 1158		100 2003 2003 2003 2003 2003 2003 2003 2	Date Time F 0/s/21 //5/ Date Time /0/9/21 //5/
Time: Time: Bar Rush C A C A	Iger: SUMAN DHAM B-Yes I I I I I I I I I I I I I I I I I I I	love love	Via: Via: Via: Via: Via: Via: COUNT
Turn-Around □ Standarc Project Nam Project #:	Project Mana Sampler: On Ice: # of Coolers: Cooler Temp	1 1 ybe and #	Received by:
1-of-Custody Record 150/m U.C. 13: 606 S.R.13 (3c.Ac	a: Level 4 (Full Validation) Az Compliance Other	Multi Jampie Malle S S-9 S S-9 S S-10 S S-13 S S-14 S S-15	Relinquished by: Relinquished by: Relinquished by: Relinquished by: Samples submitted to Hall Environmental may be sub
Client: Chair	email or Fax#: QA/QC Package Candard Accreditation: Candard Candard Accreditation: Candard Can	10/8 900 10/8 900 10/8 905 10/8 910 10/8 920 19/8 920	Date: Date: Date: Time: Date: Time: If necessary



October 18, 2021

Kyle Summers ENSOLUM 606 S. Rio Grande Suite A Aztec, NM 87410 TEL: (903) 821-5603 FAX Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: clients.hallenvironmental.com

RE: Lateral Trunk 6K

OrderNo.: 2110603

Dear Kyle Summers:

Hall Environmental Analysis Laboratory received 5 sample(s) on 10/13/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2110603

Date Reported: 10/18/2021

CLIENT:	ENSOLUM	Client Sample ID: S-16
Project:	Lateral Trunk 6K	Collection Date: 10/12/2021 1:30:00 PM
Lab ID:	2110603-001	Matrix: MEOH (SOIL) Received Date: 10/13/2021 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	st: VP
Chloride	ND	60	mg/Kg	20	10/13/2021 10:05:33	AM 63261
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analys	st: SB
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	10/13/2021 10:28:07	AM 63260
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	10/13/2021 10:28:07	AM 63260
Surr: DNOP	83.2	70-130	%Rec	1	10/13/2021 10:28:07	AM 63260
EPA METHOD 8015D: GASOLINE RANGE					Analys	st: NSB
Gasoline Range Organics (GRO)	ND	3.5	mg/Kg	1	10/13/2021 10:52:16	AM G82011
Surr: BFB	100	70-130	%Rec	1	10/13/2021 10:52:16	AM G82011
EPA METHOD 8021B: VOLATILES					Analys	st: NSB
Benzene	ND	0.017	mg/Kg	1	10/13/2021 10:52:16	AM R82011
Toluene	ND	0.035	mg/Kg	1	10/13/2021 10:52:16	AM R82011
Ethylbenzene	ND	0.035	mg/Kg	1	10/13/2021 10:52:16	AM R82011
Xylenes, Total	ND	0.069	mg/Kg	1	10/13/2021 10:52:16	AM R82011
Surr: 4-Bromofluorobenzene	82.8	70-130	%Rec	1	10/13/2021 10:52:16	AM R82011

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 1 of 11

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2110603

Date Reported: 10/18/2021

CLIENT:	ENSOLUM	Client Sample ID: S-17
Project:	Lateral Trunk 6K	Collection Date: 10/12/2021 1:40:00 PM
Lab ID:	2110603-002	Matrix: MEOH (SOIL) Received Date: 10/13/2021 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	st: VP
Chloride	ND	60	mg/Kg	20	10/13/2021 10:17:58 /	AM 63261
EPA METHOD 8015M/D: DIESEL RANGE OF	RGANICS				Analys	st: SB
Diesel Range Organics (DRO)	17	10	mg/Kg	1	10/13/2021 10:39:58 /	AM 63260
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	10/13/2021 10:39:58	AM 63260
Surr: DNOP	83.6	70-130	%Rec	1	10/13/2021 10:39:58 /	AM 63260
EPA METHOD 8015D: GASOLINE RANGE					Analys	st: NSB
Gasoline Range Organics (GRO)	ND	3.7	mg/Kg	1	10/13/2021 11:15:51 #	AM G82011
Surr: BFB	103	70-130	%Rec	1	10/13/2021 11:15:51 /	AM G82011
EPA METHOD 8021B: VOLATILES					Analys	st: NSB
Benzene	ND	0.018	mg/Kg	1	10/13/2021 11:15:51 /	AM R82011
Toluene	ND	0.037	mg/Kg	1	10/13/2021 11:15:51 /	AM R82011
Ethylbenzene	ND	0.037	mg/Kg	1	10/13/2021 11:15:51 /	AM R82011
Xylenes, Total	ND	0.073	mg/Kg	1	10/13/2021 11:15:51 /	AM R82011
Surr: 4-Bromofluorobenzene	84.6	70-130	%Rec	1	10/13/2021 11:15:51 /	AM R82011

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2110603

Date Reported: 10/18/2021

CLIENT:	ENSOLUM	Client Sample ID: S-18
Project:	Lateral Trunk 6K	Collection Date: 10/12/2021 1:50:00 PM
Lab ID:	2110603-003	Matrix: MEOH (SOIL) Received Date: 10/13/2021 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: VP
Chloride	ND	60	mg/Kg	20	10/13/2021 10:30:22 A	M 63261
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analys	t: SB
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	10/13/2021 10:52:20 A	M 63260
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	10/13/2021 10:52:20 A	M 63260
Surr: DNOP	85.4	70-130	%Rec	1	10/13/2021 10:52:20 A	M 63260
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: NSB
Gasoline Range Organics (GRO)	ND	3.6	mg/Kg	1	10/13/2021 11:39:29 A	M G82011
Surr: BFB	102	70-130	%Rec	1	10/13/2021 11:39:29 A	M G82011
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Benzene	ND	0.018	mg/Kg	1	10/13/2021 11:39:29 A	M R82011
Toluene	ND	0.036	mg/Kg	1	10/13/2021 11:39:29 A	M R82011
Ethylbenzene	ND	0.036	mg/Kg	1	10/13/2021 11:39:29 A	M R82011
Xylenes, Total	ND	0.073	mg/Kg	1	10/13/2021 11:39:29 A	M R82011
Surr: 4-Bromofluorobenzene	83.0	70-130	%Rec	1	10/13/2021 11:39:29 A	M R82011

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level.D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2110603

Date Reported: 10/18/2021

CLIENT:	ENSOLUM	Client Sample ID: S-19
Project:	Lateral Trunk 6K	Collection Date: 10/12/2021 2:00:00 PM
Lab ID:	2110603-004	Matrix: MEOH (SOIL) Received Date: 10/13/2021 7:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analy	yzed	Batch
EPA METHOD 300.0: ANIONS							Analyst:	VP
Chloride	ND	60		mg/Kg	20	10/13/2021	10:42:46 AN	1 63261
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS						Analyst:	SB
Diesel Range Organics (DRO)	44	9.6		mg/Kg	1	10/13/2021	11:04:23 AM	1 63260
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	10/13/2021	11:04:23 AN	1 63260
Surr: DNOP	98.6	70-130		%Rec	1	10/13/2021	11:04:23 AN	1 63260
EPA METHOD 8015D: GASOLINE RANGE							Analyst:	NSB
Gasoline Range Organics (GRO)	1500	180		mg/Kg	50	10/13/2021	12:50:14 PM	1 G82011
Surr: BFB	186	70-130	S	%Rec	50	10/13/2021	12:50:14 PN	1 G82011
EPA METHOD 8021B: VOLATILES							Analyst:	NSB
Benzene	0.47	0.091		mg/Kg	5	10/13/2021	12:03:04 PM	1 R82011
Toluene	10	0.18		mg/Kg	5	10/13/2021	12:03:04 PN	1 R82011
Ethylbenzene	3.3	0.18		mg/Kg	5	10/13/2021	12:03:04 PN	1 R82011
Xylenes, Total	26	0.36		mg/Kg	5	10/13/2021	12:03:04 PN	1 R82011
Surr: 4-Bromofluorobenzene	115	70-130		%Rec	5	10/13/2021	12:03:04 PN	1 R82011

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2110603

Date Reported: 10/18/2021

CLIENT:	ENSOLUM	Client Sample ID: S-20
Project:	Lateral Trunk 6K	Collection Date: 10/12/2021 2:10:00 PM
Lab ID:	2110603-005	Matrix: MEOH (SOIL) Received Date: 10/13/2021 7:20:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Anal	yst: VP
Chloride	ND	60	mg/Kg	20	10/13/2021 10:55:10	AM 63261
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Anal	yst: SB
Diesel Range Organics (DRO)	ND	9.2	mg/Kg	1	10/13/2021 11:16:34	AM 63260
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	10/13/2021 11:16:34	AM 63260
Surr: DNOP	87.6	70-130	%Rec	1	10/13/2021 11:16:34	AM 63260
EPA METHOD 8015D: GASOLINE RANGE					Anal	yst: NSB
Gasoline Range Organics (GRO)	ND	3.6	mg/Kg	1	10/15/2021 9:06:29	AM G82011
Surr: BFB	109	70-130	%Rec	1	10/15/2021 9:06:29	AM G82011
EPA METHOD 8021B: VOLATILES					Anal	yst: NSB
Benzene	ND	0.018	mg/Kg	1	10/13/2021 12:26:35	PM R82011
Toluene	ND	0.036	mg/Kg	1	10/13/2021 12:26:35	PM R82011
Ethylbenzene	ND	0.036	mg/Kg	1	10/13/2021 12:26:35	PM R82011
Xylenes, Total	ND	0.072	mg/Kg	1	10/13/2021 12:26:35	PM R82011
Surr: 4-Bromofluorobenzene	85.4	70-130	%Rec	1	10/13/2021 12:26:35	PM R82011

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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Client: Project:	ENSOI Lateral	.UM Trunk 6K									
Sample ID: N	/IB-63261	SampT	ype: ME	BLK	Tes	tCode: EF	PA Method	300.0: Anion	s		
Client ID: F	PBS	Batch	ID: 63	261	R	tunNo: 8 1	1995				
Prep Date:	10/13/2021	Analysis D	ate: 10	0/13/2021	S	eqNo: 29	904588	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND	1.5								
Sample ID: L	-CS-63261	SampT	ype: LC	s	Test	tCode: EF	PA Method	300.0: Anion	s		
Client ID: L	CSS	Batch	ID: 63	261	R	tunNo: 8 1	1995				
Prep Date:	10/13/2021	Analysis D	ate: 10	0/13/2021	S	eqNo: 29	904589	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14	1.5	15.00	0	94.9	90	110			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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2110603

18-Oct-21

WO#:

QC SUMMARY REPORT Hall Envir

	WO#:	2110603
onmental Analysis Laboratory, Inc.		18-Oct-21

Chent: Project:	Lateral Tr	M runk 6K									
Sample ID:	2110603-001AMS	SampTy	/pe: M\$	6	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID:	S-16	Batch	ID: 63	260	F	RunNo: 8 2	2006				
Prep Date:	10/13/2021	Analysis Da	ate: 10	0/13/2021	S	SeqNo: 2	903897	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range (Organics (DRO)	44	9.7	48.36	0	91.0	39.3	155			
Surr: DNOP		4.6		4.836		94.6	70	130			
Sample ID:	2110603-001AMS	SampTy	/pe: M \$	SD	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID:	S-16	Batch	ID: 63	260	F	RunNo: 8 2	2006				
Prep Date:	10/13/2021	Analysis Da	ate: 10	0/13/2021	S	SeqNo: 2	903898	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range (Organics (DRO)	43	9.8	49.16	0	87.9	39.3	155	1.79	23.4	
Surr: DNOP		4.6		4.916		93.4	70	130	0	0	
Sample ID:	LCS-63260	SampTy	/pe: LC	s	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID:	LCSS	Batch	ID: 63	260	F	RunNo: 8 2	2006				
Prep Date:	10/13/2021	Analysis Da	ate: 10	0/13/2021	S	SeqNo: 2	903903	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range (Organics (DRO)	44	10	50.00	0	87.0	68.9	135			
Surr: DNOP		4.5		5.000		89.7	70	130			
Sample ID:	MB-63260	SampTy	/pe: M	BLK	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID:	PBS	Batch	ID: 63	260	RunNo: 82006						
Prep Date:	10/13/2021	Analysis Da	ate: 10	0/13/2021	S	SeqNo: 2	903904	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range (Organics (DRO)	ND	10								
Motor Oil Rang	je Organics (MRO)	ND	50	40.00			70	100			
Suff: DNOP		8.7		10.00		80.0	70	130			
Sample ID:	MB-63232	SampTy	/pe: ME	BLK	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID:	PBS	Batch	ID: 63	232	F	RunNo: 8 2	2006				
Prep Date:	10/12/2021	Analysis Da	ate: 10	0/13/2021	5	SeqNo: 2	905873	Units: %Red	•		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP		10		10.00		103	70	130			
Sample ID:	LCS-63232	SampTy	/pe: LC	s	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID:	LCSS	Batch	ID: 63	232	F	RunNo: 8 2	2006				
Prep Date:	10/12/2021	Analysis Da	ate: 10	0/13/2021	S	SeqNo: 2	905880	Units: %Red	•		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

- Value exceeds Maximum Contaminant Level. *
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Practical Quanitative Limit PQL
- % Recovery outside of range due to dilution or matrix S

- Analyte detected in the associated Method Blank В
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range

RL Reporting Limit Page 7 of 11

Client:

Project:

	WO#: 2110603
nmental Analysis Laboratory, Inc.	18-Oct-21
ENSOLUM	
Lateral Trunk 6K	

Sample ID: LCS-63232 SampType: LCS			S	TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch I	D: 632	232	R	unNo: 82	2006				
Prep Date: 10/12/2021	Analysis Dat	e: 10)/13/2021	S	eqNo: 29	905880	Units: %Rec	;		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	5.6		5.000		112	70	130			

Qualifiers:

- Value exceeds Maximum Contaminant Level. *
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- Analyte detected in the associated Method Blank В
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc

	WO#:	2110603
al Analysis Laboratory, Inc.		18-Oct-21

Client: Project:	ENSOLUM Lateral Trunk 6K								
Sample ID: mb	Samp	Type: MBLK	Т	estCode: E	PA Method	8015D: Gaso	line Rang	e	
Client ID: PBS	Bato	ch ID: G82011		RunNo: 8	2011				
Prep Date:	Analysis	Date: 10/13/20	21	SeqNo: 2	904417	Units: mg/K	g		
Analyte	Result	PQL SPK	value SPK Ref Va	al %REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organi Surr: BFB	cs (GRO) ND 1000	5.0	1000	100	70	130			
Sample ID: 2.5ug	gro lcs Samp	Type: LCS	Т	estCode: E	PA Method	8015D: Gaso	line Rang	e	
Client ID: LCSS	Bato	ch ID: G82011		RunNo: 8	2011				
Prep Date:	Analysis	Date: 10/13/20	21	SeqNo: 2	904418	Units: mg/K	g		
Analyte	Result	PQL SPK	value SPK Ref Va	al %REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organi	cs (GRO) 28	5.0 2	25.00 0	112	78.6	131			
Surr: BFB	1100		1000	111	70	130			
Sample ID: 2110603-001ams SampType: MS TestCode: EPA Meth							line Rang	e	
Client ID: S-16	Bato	ch ID: G82011		RunNo: 8	2011				
Prep Date:	Analysis	Date: 10/13/20	21	SeqNo: 2	904425	Units: mg/K	g		
Analyte	Result	PQL SPK	value SPK Ref Va	al %REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organi	cs (GRO) 18	3.5 1	7.29 0	106	61.3	114			
Surr: BFB	770	t	591.6	111	70	130			
Sample ID: 21106	03-001amsd Samp	Type: MSD	Т	estCode: E	PA Method	8015D: Gaso	line Rang	e	
Client ID: S-16	Bato	ch ID: G82011		RunNo: 82011					
Prep Date:	Analysis	Date: 10/13/20	21	SeqNo: 2	904426	Units: mg/K	g		
Analyte	Result	PQL SPK	value SPK Ref Va	al %REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organi	cs (GRO) 18	3.5 1	7.29 0	105	61.3	114	0.266	20	
Surr: BFB	770	6	91.6	111	70	130	0	0	
Sample ID: mb-63	278 Samp	Type: MBLK	Т	estCode: E	PA Method	8015D: Gaso	line Rang	e	
Client ID: PBS	Bato	ch ID: 63278		RunNo: 8	2076				
Prep Date: 10/13	Analysis	Date: 10/15/20	21	SeqNo: 2	908287	Units: %Red	;		
Analyte	Result	PQL SPK	value SPK Ref Va	al %REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1000		1000	104	70	130			
Sample ID: Ics-63	278 Samp	Type: LCS	Т	estCode: E	PA Method	8015D: Gaso	line Rang	e	
Client ID: LCSS	Bato	ch ID: 63278		RunNo: 8	2076				
Prep Date: 10/13	Analysis	Date: 10/15/20	21	SeqNo: 2	908288	Units: %Red	;		
Analyte	Result	PQL SPK	value SPK Ref Va	al %REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1100		1000	113	70	130			

Qualifiers:

* Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc

Page	92	of 109

	WO#:	2110603
atory, Inc.		18-Oct-21

Client:	ENSOLU	JM									
Project:	Lateral T	runk 6K									
Sample ID:	mb	Samp ⁻	Type: MI	BLK	Tes	TestCode: EPA Method 8021B: Volatiles					
Client ID:	PBS	Batc	h ID: R8	2011	F	RunNo: 82011					
Prep Date:		Analysis [Date: 1	0/13/2021	5	SeqNo: 2	904485	Units: mg/k	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		ND	0.025								
Toluene		ND	0.050								
Ethylbenzene		ND	0.050								
Xylenes, Total		ND	0.10								
Surr: 4-Bron	nofluorobenzene	0.83		1.000		83.1	70	130			
Sample ID:	100ng btex lcs	Samp ⁻	Type: LC	S	Tes	tCode: El	PA Method	8021B: Vola	tiles		
Client ID:	LCSS	Batc	h ID: R8	2011	F	RunNo: 8	2011				
Prep Date:		Analysis [Date: 1	0/13/2021	5	SeqNo: 2	904500	Units: mg/k	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		0.95	0.025	1.000	0	95.2	80	120			
Toluene		0.97	0.050	1.000	0	97.1	80	120			
Ethylbenzene		0.95	0.050	1.000	0	95.1	80	120			
Xylenes, Total		2.8	0.10	3.000	0	94.2	80	120			
Surr: 4-Bron	nofluorobenzene	0.84		1.000		83.6	70	130			
Sample ID:	2110603-002ams	Samp	Type: M	6	Tes	tCode: El	PA Method	8021B: Vola	tiles		
Client ID:	S-17	Batc	h ID: R8	2011	RunNo: 82011						
Prep Date:		Analysis [Date: 1	0/13/2021	Ş	SeqNo: 2	904552	Units: mg/h	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		0.68	0.018	0.7315	0	92.6	80	120			
Toluene		0.71	0.037	0.7315	0	97.0	80	120			
Ethylbenzene		0.70	0.037	0.7315	0	95.5	80	120			
Xylenes, Total		2.1	0.073	2.194	0	94.1	80	120			
Surr: 4-Bron	nofluorobenzene	0.63		0.7315		85.7	70	130			
Sample ID:	2110603-002amsd	I Samp	Type: M	SD	Tes	tCode: El	PA Method	8021B: Vola	tiles		
Client ID:	S-17	Batc	h ID: R8	2011	F	RunNo: 8	2011				
Prep Date:		Analysis [Date: 1	0/13/2021	5	SeqNo: 2	904557	Units: mg/k	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		0.70	0.018	0.7315	0	95.4	80	120	2.87	20	
Toluene		0.72	0.037	0.7315	0	98.8	80	120	1.76	20	
Ethylbenzene		0.71	0.037	0.7315	0	97.3	80	120	1.89	20	
Xylenes, Total		2.1	0.073	2.194	0	95.6	80	120	1.61	20	
Surr: 4-Bron	nofluorobenzene	0.63		0.7315		86.7	70	130	0	0	

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

1

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Client: ENSC Project: Later	OLUM al Trunk 6K				
Sample ID: mb-63278	SampType: MBLK	TestCode: EPA Method	8021B: Volatiles		
Client ID: PBS	Batch ID: 63278	RunNo: 82076			
Prep Date: 10/13/2021	Analysis Date: 10/15/2021	SeqNo: 2908369	Units: %Rec		
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.87 1.000	87.3 70	130		
Sample ID: LCS-63278	SampType: LCS	TestCode: EPA Method	8021B: Volatiles		
Client ID: LCSS	Batch ID: 63278	RunNo: 82076			
Prep Date: 10/13/2021	Analysis Date: 10/15/2021	SeqNo: 2908370	Units: %Rec		
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.88 1.000	87.9 70	130		

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 11 of 11

2110603

18-Oct-21

WO#:

HALL ENVIRONMENTAL ANALYSIS LABORATORY	Hall Environme TEL: 505-345- Website: clien	ental Analysis L 4901 H Albuquerque, 3975 FAX: 505 ts.hallenvironn	aboratory wkins NE NM 87109 -345-4107 tental.com	Sar	mple Log-In Check List	Page 94
Client Name: ENSOLUM	Work Order Nun	nber: 211060	3		RcptNo: 1	
Received By: Cheyenne Cason	10/13/2021 7:20:0	0 AM	Ch	l		
Completed By: Desiree Dominguez	10/13/2021 8:24:0	6 AM	T	\geq		
Reviewed By: KPG 10/13/21						
Chain of Custody						
1. Is Chain of Custody complete?		Yes 🔽	N	lo 🗌	Not Present	
2. How was the sample delivered?		Courier				
Log In 3. Was an attempt made to cool the samples?		Yes ✔	Ν	o 🗌	NA 🗌	
4. Were all samples received at a temperature	of >0° C to 6.0°C	Yes 🗹	Ν	o 🗌	NA 🗌	
5. Sample(s) in proper container(s)?		Yes 🗹	Ν	o 🗌		
6. Sufficient sample volume for indicated test(s)	?	Yes 🔽	N	o 🗌		
7. Are samples (except VOA and ONG) properly	/ preserved?	Yes 🖌	N	b		
8. Was preservative added to bottles?		Yes 🗌	N		NA 🗌	
9. Received at least 1 vial with headspace <1/4	for AQ VOA?	Yes 🗌	N	b	NA 🗹	
10. Were any sample containers received broke	1?	Yes 🗆	N	o 🗸	4 - 6	
11. Does paperwork match bottle labels?		Yes 🗹	N	b	bottles checked for pH:	
12 Are matrices correctly identified on Chain of (Justodu?	Vac II	N		(<2 of >12 unless hoted Adjusted?)
13 Is it clear what analyses were requested?	Justouy?	Ves V	N			
14. Were all holding times able to be met? (If no, notify customer for authorization.)		Yes 🗹	No		Checked by: JR 10/13	121
Special Handling (if applicable)						
15. Was client notified of all discrepancies with t	his order?	Yes	N	o 🗌	NA 🗹	
Person Notified:	Date					
Begarding:	Via:	eMail	Phone	_ Fax		
Client Instructions:						
16 Additional remarks:						

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	3.1	Good	Yes			

Receiv	ed by	0C 1	D: 1/0	5/202	29.	44:2	23 AM-											Τ		Τ		<u> </u>	ige 95 o j	f 109
	LABORATORY	nental.com	rque, NM 87109	605-345-4107	kequest	(Jus	92dA\tr	Presen	رس (-^O	olilo	8) 0728 D lejoT											and Carmo	t (par)	notated on the analytical report.
		ronn	ənbn	ax 5	sis F			5.	(AO/) 0928									1		L	822	clearly
Ū	۳ N	lenvi	Alb	Ш	naly	[†] 05	PO4, 5	' ^z ON '	² ON	3r, 1	€⁄}E'	X	X	X	X	X	5					2	ES A	will be
-		v.hal	ч Щ	975	A			1	slate	•M 8	АЯЭЯ		17						9 		10	F	2 4	d data
9		M	tins h	45-3			SMIS0	728 ro	018	oy 83	a eHA9											5	FE	tracte
			lawk	05-3				(1.40	g po	yşəl	EDB (V											A	AN	ub-cor
			901 F	el. 5(PCB's	2808/s	səbi	oiteə	9 1808 P											ŝ	Na	Any s
			46	Т		(0)	AM \ OS		สอ)	19D	75H38	X	\times	X	×	X						mark		sibility.
						(1	208) e'6	amt /	BE.	ΤM	RTEX /	\geq	X	\times	\times	X						Rei		is poss
Care Det	100%		K 6K	ų,				No		-0.1 = 3.1 (°C)	2.14EAL NO.	100-	200-	-003	400 m	2002						Date Time $10/n_{17}/r_{12}$, 1522	Date Time	s. This serves as notice of th
l Time:	I 🛛 Rush	e:	real Trun		Notes	ager:	CINING 12	Manie MYes		D(including CF): 3, 2	Preservative Type	(00)	10)	(00)	Cool	100/)					Via:	Via: Via:	accredited laboratorie
Turn-Around	□ Standarc	Project Nam	Lale	Project #:	See	Project Mana	X.	Sampler: (On Ice:	# of Coolers:	Cooler Temp	Container Type and #	1402)ar	(402, Car	1402 100	1 yoz isr	1400 36	2					Received by:	Received by:	contracted to other
ustody Record	m ill		S. Riddende SuikA	Q7410		www.ers. Jersohim.com	Level 4 (Full Validation)	compliance er			Sample Name	5.10	5-17	5-18	5-107	S-20						shed by:	shed by: N n t i i NOU 1 ~	ubmitted to Hall Environmental may be sub
D-Jo-I	Mas)	S: COL	NN		NXV		□ Az C			Matrix	\sim	5	5	5	5)					Relinquis	Refinquis	y, samples s
Chain	En		J Addres	hec.	#: /	or Fax#:	Package ndard	litation: AC	D (Type)		Time	05,81	0/21	13:50	14:00	14:10			4			Time:	Time:	If necessar
Releas	of to	Ima	Mailing	Z H	Phone	s cemail c					Date	chrypi	ichahoi	12/12/2	10/12/42	12/2/21	-					Date: Voluzivu	Date:	7 711



October 19, 2021

Kyle Summers ENSOLUM 606 S. Rio Grande Suite A Aztec, NM 87410 TEL: (903) 821-5603 FAX Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: clients.hallenvironmental.com

RE: Trunk 6K 1

OrderNo.: 2110779

Dear Kyle Summers:

Hall Environmental Analysis Laboratory received 4 sample(s) on 10/16/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2110779

Date Reported: 10/19/2021

CLIENT:	ENSOLUM	Client Sample ID: S-21
Project:	Trunk 6K 1	Collection Date: 10/15/2021 11:00:00 AM
Lab ID:	2110779-001	Matrix: MEOH (SOIL) Received Date: 10/16/2021 7:50:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: VP
Chloride	ND	59	mg/Kg	20	10/18/2021 9:32:55 AM	1 63346
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analys	t: SB
Diesel Range Organics (DRO)	ND	9.3	mg/Kg	1	10/18/2021 11:07:06 A	M 63343
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	10/18/2021 11:07:06 A	M 63343
Surr: DNOP	99.4	70-130	%Rec	1	10/18/2021 11:07:06 A	M 63343
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: NSB
Gasoline Range Organics (GRO)	ND	4.3	mg/Kg	1	10/18/2021 8:54:18 AM	I G82119
Surr: BFB	110	70-130	%Rec	1	10/18/2021 8:54:18 AM	I G82119
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Benzene	ND	0.021	mg/Kg	1	10/18/2021 8:54:18 AM	1 B82119
Toluene	ND	0.043	mg/Kg	1	10/18/2021 8:54:18 AN	I B82119
Ethylbenzene	ND	0.043	mg/Kg	1	10/18/2021 8:54:18 AN	I B82119
Xylenes, Total	ND	0.085	mg/Kg	1	10/18/2021 8:54:18 AN	I B82119
Surr: 4-Bromofluorobenzene	91.4	70-130	%Rec	1	10/18/2021 8:54:18 AN	1 B82119

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 1 of 10

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2110779

Date Reported: 10/19/2021

CLIENT:	ENSOLUM	Client Sample ID: S-22
Project:	Trunk 6K 1	Collection Date: 10/15/2021 11:05:00 AM
Lab ID:	2110779-002	Matrix: MEOH (SOIL) Received Date: 10/16/2021 7:50:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	VP
Chloride	ND	60	mg/Kg	20	10/18/2021 9:45:19 AM	63346
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	SB
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	10/18/2021 11:17:48 AM	/ 63343
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	10/18/2021 11:17:48 AM	/ 63343
Surr: DNOP	95.1	70-130	%Rec	1	10/18/2021 11:17:48 AN	/ 63343
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	ND	3.4	mg/Kg	1	10/18/2021 9:17:52 AM	G82119
Surr: BFB	110	70-130	%Rec	1	10/18/2021 9:17:52 AM	G82119
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.017	mg/Kg	1	10/18/2021 9:17:52 AM	B82119
Toluene	ND	0.034	mg/Kg	1	10/18/2021 9:17:52 AM	B82119
Ethylbenzene	ND	0.034	mg/Kg	1	10/18/2021 9:17:52 AM	B82119
Xylenes, Total	ND	0.069	mg/Kg	1	10/18/2021 9:17:52 AM	B82119
Surr: 4-Bromofluorobenzene	92.0	70-130	%Rec	1	10/18/2021 9:17:52 AM	B82119

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 2 of 10

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2110779

Date Reported: 10/19/2021

CLIENT:	ENSOLUM	Client Sample ID: S-23
Project:	Trunk 6K 1	Collection Date: 10/15/2021 11:10:00 AM
Lab ID:	2110779-003	Matrix: MEOH (SOIL) Received Date: 10/16/2021 7:50:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	VP
Chloride	ND	60	mg/Kg	20	10/18/2021 9:57:43 AM	63346
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	SB
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	10/18/2021 11:28:29 AM	/ 63343
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	10/18/2021 11:28:29 AM	/ 63343
Surr: DNOP	83.1	70-130	%Rec	1	10/18/2021 11:28:29 AM	/ 63343
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	ND	3.8	mg/Kg	1	10/18/2021 9:41:22 AM	G82119
Surr: BFB	112	70-130	%Rec	1	10/18/2021 9:41:22 AM	G82119
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.019	mg/Kg	1	10/18/2021 9:41:22 AM	B82119
Toluene	ND	0.038	mg/Kg	1	10/18/2021 9:41:22 AM	B82119
Ethylbenzene	ND	0.038	mg/Kg	1	10/18/2021 9:41:22 AM	B82119
Xylenes, Total	ND	0.076	mg/Kg	1	10/18/2021 9:41:22 AM	B82119
Surr: 4-Bromofluorobenzene	93.3	70-130	%Rec	1	10/18/2021 9:41:22 AM	B82119

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 3 of 10

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2110779

Date Reported: 10/19/2021

CLIENT:	ENSOLUM	Client Sample ID: S-24
Project:	Trunk 6K 1	Collection Date: 10/15/2021 11:15:00 AM
Lab ID:	2110779-004	Matrix: MEOH (SOIL) Received Date: 10/16/2021 7:50:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: VP
Chloride	ND	60	mg/Kg	20	10/18/2021 10:10:09 A	M 63346
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analys	t: SB
Diesel Range Organics (DRO)	ND	9.3	mg/Kg	1	10/18/2021 11:39:14 A	M 63343
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	10/18/2021 11:39:14 A	M 63343
Surr: DNOP	94.1	70-130	%Rec	1	10/18/2021 11:39:14 A	M 63343
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: NSB
Gasoline Range Organics (GRO)	ND	3.7	mg/Kg	1	10/18/2021 10:04:57 A	M G82119
Surr: BFB	110	70-130	%Rec	1	10/18/2021 10:04:57 A	M G82119
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Benzene	ND	0.018	mg/Kg	1	10/18/2021 10:04:57 A	M B82119
Toluene	ND	0.037	mg/Kg	1	10/18/2021 10:04:57 A	M B82119
Ethylbenzene	ND	0.037	mg/Kg	1	10/18/2021 10:04:57 A	M B82119
Xylenes, Total	ND	0.073	mg/Kg	1	10/18/2021 10:04:57 A	M B82119
Surr: 4-Bromofluorobenzene	91.5	70-130	%Rec	1	10/18/2021 10:04:57 A	M B82119

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 4 of 10

Sample ID: LCS-63346

Prep Date: 10/18/2021

Client ID: LCSS

Analyte

Chloride

SampType: LCS

Result

14

Batch ID: 63346

Analysis Date: 10/18/2021

PQL

1.5

15.00

Hall Er	nvironmen	ntal Anal	ysis I	Laborat	ory, Inc.					WO#:	2110779 19-Oct-21
Client: Project:	ENSO Trunk	LUM 6K 1									
Sample ID: Client ID:	MB-63346 PBS	SampT Batcl	「ype: M E h ID: 63	3LK 346	Tes	tCode: El RunNo: 8	PA Method 2117	300.0: Anion	S		
Prep Date:	10/18/2021	Analysis D	Date: 10	0/18/2021	S	SeqNo: 2	909812	Units: mg/k	g		
Analyte Chloride		Result ND	PQL 1.5	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

SPK value SPK Ref Val %REC LowLimit

0

TestCode: EPA Method 300.0: Anions

90

Units: mg/Kg

110

%RPD

RPDLimit

Qual

HighLimit

RunNo: 82117

92.4

SeqNo: 2909813

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit ND
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- в Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 5 of 10

ENSOLUM

Trunk 6K 1

Client:

Project:

Sample ID: LCS-63343

10/18/2021

Client ID: LCSS

Prep Date:

Analyte Surr: DNOP

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

SampType: LCS

Batch ID: 63343

Analysis Date: 10/18/2021

5.2

	-						-	-		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	56	10	50.00	0	111	68.9	135			
Surr: DNOP	4.5		5.000		90.8	70	130			
Sample ID: MB-63343	SampT	ype: ME	BLK	Tes	tCode: EF	PA Method	8015M/D: Die	esel Rang	e Organics	
Client ID: PBS	Batch	n ID: 63	343	F	RunNo: 82	2125				
Prep Date: 10/18/2021	Analysis D	ate: 10	0/18/2021	S	SeqNo: 29	909301	Units: mg/#	٤g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.0		10.00		80.3	70	130			
Sample ID: 2110779-001AMS	SampT	уре: М	3	Tes	tCode: EF	PA Method	8015M/D: Die	esel Rang	e Organics	
Client ID: S-21	Batch	n ID: 63	343	F	RunNo: 8 2	2125				
Prep Date: 10/18/2021	Analysis D)ate: 10	0/18/2021	5	SeqNo: 29	909587	Units: mg/k	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	55	9.7	48.59	0	113	39.3	155			
Surr: DNOP	4.3		4.859		88.5	70	130			
Sample ID: 2110779-001AMS	D SampT	уре: М	SD	Tes	tCode: EF	PA Method	8015M/D: Die	esel Rang	e Organics	
Client ID: S-21	Batch	n ID: 63	343	F	RunNo: 82	2125				
Prep Date: 10/18/2021	Analysis D	ate: 10	0/18/2021	S	SeqNo: 29	909588	Units: mg/k	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	57	9.5	47.53	0	119	39.3	155	3.30	23.4	
Surr: DNOP	4.5		4.753		94.6	70	130	0	0	
Sample ID: LCS-63353	SampT	ype: LC	s	Tes	tCode: EF	PA Method	8015M/D: Di	esel Range	e Organics	
Client ID: LCSS	Batch	n ID: 63	353	F	RunNo: 8 2	2125				
Prep Date: 10/18/2021	Analysis D	ate: 10	0/18/2021	S	SeqNo: 2	910288	Units: %Re	C		
Analvte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

RunNo: 82125

SeqNo: 2909300

TestCode: EPA Method 8015M/D: Diesel Range Organics

Units: mg/Kg

Sample ID: MB-63353 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	Batch ID: 63353	RunNo: 82125				
Prep Date: 10/18/2021	Analysis Date: 10/18/2021	SeqNo: 2910289	Units: %Rec			
Analyte	Result PQL SPK val	e SPK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit Qual			

5.000

Qualifiers:

- Value exceeds Maximum Contaminant Level
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit ND PQL Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix S

в Analyte detected in the associated Method Blank

103

70

130

- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Sample pH Not In Range Р
- RL Reporting Limit

Page 6 of 10

WO#: 2110779 19-Oct-21

QC SUMMARY REPORT	WO#:	2110779
Hall Environmental Analysis Laboratory, Inc.		19-Oct-21

Client:	ENSOL	UM									
Project:	Trunk 6	K 1									
Sample ID:	MB-63353	SampT	ype: ME	BLK	Tes	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID:	PBS	Batch	ID: 63	353	R	unNo: 82	2125				
Prep Date:	10/18/2021	Analysis D	ate: 10	0/18/2021	S	eqNo: 29	910289	Units: %Red	;		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP		8.6		10.00		85.9	70	130			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 7 of 10

Client:

QC SUMMARY REPORT Hall Envir

	WO#:	2110779	
onmental Analysis Laboratory, Inc.		19-Oct-21	
ENSOLUM			

Sample ID: mb SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range Client ID: PBS Batch ID: G82119 RunNo: 82119 Prep Date: Analysis Date: 10/18/2021 SeqNo: 2909616 Units: mg/Kg Analyte Result POL <spk td="" value<=""> SPK Value SPK V</spk>	Project: Trunk 6	5K 1									
Client ID: PBS Batch ID: G82119 RunNo: 82119 Prep Date: Analysis Date: 10/18/2021 SeqNo: 2099616 Units: mg/Kg Analysis Date: 10/18/2021 SeR Net Val %REC LouLinit HighLimit %RPD RPDLimit Qual Sample ID: 250g gro Ics SampType: LCS TestCode: EPA Method 8015D: Gasoline Range Client ID: LCSS Batch ID: 622119 TestCode: EPA Method 8015D: Gasoline Range Analyte Result POL SPK Kef Val %REC LowLimit HighLimit %RPD RPDLimit Qual Sample ID: 210773-001ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range Client ID: S-21 Batch ID: 682119 RunNo: 2219 70 130 Units: mg/Kg Analyte Result POL SPK Kef Val %REC LowLimit HighLimit %RPD <td>Sample ID: mb</td> <td>SampTyp</td> <td>e: Me</td> <td>BLK</td> <td>Test</td> <td>Code: EF</td> <td>PA Method</td> <td>8015D: Gasol</td> <td>ine Rang</td> <td>e</td> <td></td>	Sample ID: mb	SampTyp	e: Me	BLK	Test	Code: EF	PA Method	8015D: Gasol	ine Rang	e	
Prep Date: Analysis Date: 10/18/2021 SeqNo: 2090616 Units: mg/kg Analyte Result POL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Sample ID: 25.00 gro Ics SampType: LCS TestCode: EPA Method B015. Gasoline Range Client ID: LCSS Batch ID: 682/119 RunNo: 22195 Image MRPD RPDLimit Qual Analyte Result POL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Sample ID: 210779-001ams Serrer Serrer TestCode: EPA Method 8015. Sesoline Range Client ID: S-121 Batch ID: G82119 RunNo: 82/119 HighLimit %RPD RPDLimit Qual Sample ID: 210779-001ams SampType: MS TestCode: EPA Method 8015. Gasoline Range Glient ID: S-21 Batch ID: G82119 RunNo: 82/119 Minis:	Client ID: PBS	Batch II	D: G8	32119	R	unNo: 82	2119				
Analyte Result PQL SPK value SPK Ref Val %REC LowLinit HighLinit %RPD RPDLinit Qual Sadine Range Organics (GRO) ND 5.0 100 111 70 130 Sample ID: 2.5.01 gro Les SampType: LCS TestCode: EPA Method 8015D: Gasoline Range Result PQL SPK value SPK value 2909617 Units: mg/Kg Analyte Result PQL SPK value SPK value SPK value SPK value 2909617 Units: mg/Kg Analyte Result PQL SPK value SPK value SPK value SPK value 2909617 Units: mg/Kg Analyte Result PQL SPK value SPK value SPK value SPK value 2909617 Units: mg/Kg Sample ID: 2110779-001ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range Value SPK Ref Val %REC LowLinit HighLinit %RPD RPDLimit Qual Sample ID: 2110779-001ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range	Prep Date:	Analysis Date	e: 10	0/18/2021	S	eqNo: 29	909616	Units: mg/Kg	9		
Baseline Range Organics (GRO) ND 5.0 Surr.BFB 1100 1000 111 70 130 Sample ID: 2.5ug gro Ics SampType: LC3 TestCode: EPA Method 8015D: Gasoline Range Client ID: LCSS Batch ID: G82119 RunNo: 82119 Prep Date: Analysis Date: 10/18/2021 SeqNo: 2399617 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Basoline Range Organics (GRO) 29 5.0 25.00 0 114 78.6 131 Surr.BFB 1200 1000 120 70 130 Sample ID: SampType: MS TestCode: EPA Method 8015D: Gasoline Range	Analyte	Result I	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Suff.prb 1100 1000 111 70 130 Sample ID: 2.5ug gro ics Samplype: LCS TestCode: EPA Method 8015D: Gasoline Range Client ID: LCSS Batch ID: G82119 RunNo: 82119 Prep Date: Analytei Result POL SPK Ref Val SeqNo: 2909617 Units: mg/Kg Analyte Result POL SPK Ref Val SREC LowLimit HighLimit %RPD RPDLimit Qual Sample ID: 2110779-001ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range Client ID: S-21 Batch ID: 682119 RunNo: 82119 Prep Date: Analyte Result POL SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Sample ID: 2110779-001ams SampType: MSD TestCode: EPA Method 8015D: Gasoline Range Client ID: S-21 Batch ID: 682119 RunNo: 82119 Prep Date: Analyte Result POL SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Samp	Gasoline Range Organics (GRO)	ND	5.0	4000			70	400			
Sample ID: 2.5ug gro Ics SampType: LCS TestCode: EPA Method 8015D: Gasoline Range Client ID: LCSS Batch ID: Gasoline Range RunNo: 82119 Units: mg/Kg Analyte Result POL SPK Ref Vall & %REC Lowlimit HighLimit %RPD RPDLimit Qual Sample ID: 2110779-001ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range Client ID: S-21 Batch ID: Gas2119 RunNo: 82119 Units: mg/Kg Analyte Result POL SPK Ref Vall %REC Lowlimit HighLimit %RPD RPDLimit Qual Sample ID: 2110779-001ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range Granple Criganics (GRO) 24 4.3 821.8 123 70 130 Sample ID: 2110779-001ams SampType: MSL TestCode: EPA Method 8015D: Gasoline Range Client ID:		1100		1000		111	70	130			
Client ID: LCSS Batch ID: G82119 RunNo: 82119 Prep Date: Analysis Date: 10/18/2021 SeqNo: 2009617 Units: mg/Kg Analyte Result POL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Backin Range Organics (GRO) 29 5.0 25.00 0 114 76.6 131 Surr: BFB 1200 1000 120 70 130 Sample ID: 2110779-001ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range Client ID: S-21 Batch ID: G82119 RunNo: 82119 Out 370 130 Analysis SegNo: TestCode: EPA Method 8015D: Gasoline Range Client ID: S-21 Batch ID: G82119 RunNo: 82119 SegNo: SegNo: SegNo: SegNo:<	Sample ID: 2.5ug gro Ics	SampTyp	e: LC	S	Test	Code: EF	PA Method	8015D: Gasol	ine Rang	e	
Prep Date: Analysis Date: 10/18/2021 SeqNo: 2909617 Units: mg/Kg Analyte Result POL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Jasoline Range Organics (GRO) 29 5.0 25.00 0 114 78.6 131	Client ID: LCSS	Batch I	D: G8	82119	R	unNo: 82	2119				
Analyte Result PQL SPK rafue SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Samoline Range Organics (GRO) 29 5.0 25.00 0 114 78.6 131 Sur: BFB 1200 1000 120 70 130 131 131 130	Prep Date:	Analysis Date	e: 10	0/18/2021	S	eqNo: 2	909617	Units: mg/Kg	J		
Baseline Range Organics (GR0) 29 5.0 25.00 0 114 78.6 131 Surr. BFB 1200 1000 120 70 130 Sample ID: 2110779-001ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range Client ID: S-21 Batch ID: 682119 RunNo: 82119 Units: mg/Kg Analyte: Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Basoline Range Organics (GR0) 24 4.3 21.30 0 111 61.3 114 Surr: BFB 1000 851.8 123 70 130 Sample ID: 2110779-001amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range Client ID: S-21 Batch ID: G82119 RunNo: 82119 Qual Sasoline Range Organics (GR0) 25 <td< td=""><td>Analyte</td><td>Result I</td><td>PQL</td><td>SPK value</td><td>SPK Ref Val</td><td>%REC</td><td>LowLimit</td><td>HighLimit</td><td>%RPD</td><td>RPDLimit</td><td>Qual</td></td<>	Analyte	Result I	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sulf: BrB 1200 1000 120 70 130 Sample ID: 2110779-001ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range Easten ID: S-21 Batch ID: G82119 RunNo: 82119 Prep Date: Analysis Date: 10/18/2021 SeqNo: 2909637 Units: mg/Kg Analyte Result POL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Sample ID: 2110779-001amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range Client ID: SampType: MSD TestCode: EPA Method 8015D: Gasoline Range Sum: BFB 1000 851.8 123 70 130 Sample ID: 2110779-001amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range Easten ID: G82119 RunNo: 82119 Prep Date: Analysis Date: 10/18/2021 SeqNo: 2909633 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Sample ID: ID: Sample	Gasoline Range Organics (GRO)	29	5.0	25.00	0	114	78.6	131			
Sample ID: 2110779-001ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range Client ID: S-21 Batch ID: G82119 RunNo: 82119 Units: mg/Kg Analyte Result PQL SPK value		1200		1000		120	70	130			
Client ID: S-21 Batch ID: G82119 RunNo: 82119 Prep Date: Analysis Date: 10/18/2021 SeqNo: 2909637 Units: mg/Kg Analyte Result PQL SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Basoline Range Organics (GRO) 24 4.3 21.30 0 111 61.3 114 Sur: BFB 1000 851.8 123 70 130 70 130 Sample ID: 2110779-001amsd SampType: MSS TestCode: EPA Method 8015D: Gasoline Range Client ID: S-21 Batch ID: G82119 RunNo: 82119 70 130 70 130 Prep Date: Analysis Date: 10/18/2021 SeqNo: 2909638 Units: mg/Kg Analyte Result PQL SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Basoline Range Organics (GRO) 25 4.3 21.30 0 119 61.3 114	Sample ID: 2110779-001am	s SampTyp	e: MS	5	Test	Code: EF	PA Method	8015D: Gasol	ine Rang	e	
Prep Date: Analysis Date: 10/18/2021 SeqNo: 2909637 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Jasoline Range Organics (GRO) 24 4.3 21.30 0 111 61.3 114 Surr: BFB 1000 851.8 123 70 130 130 130 Sample ID: 2110779-001amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range Client ID: S-21 Batch ID: G82119 RunNo: 82119 Virits: mg/Kg Prep Date: Analysis Date: 10/18/2021 SeqNo: 2909638 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Jasoline Range Organics (GRO) 25 4.3 21.30 0 119 61.3 114 7.59 20 S Surr: BFB 1000 851.8 TestCode:	Client ID: S-21	Batch II	D: G8	32119	R	unNo: 82	2119				
Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual 3asoline Range Organics (GRO) 24 4.3 21.30 0 111 61.3 114 Surr: BFB 1000 851.8 123 70 130 100	Prep Date:	Analysis Date	e: 10	0/18/2021	S	eqNo: 29	909637	Units: mg/Kg	9		
Basoline Range Organics (GR0) 24 4.3 21.30 0 111 61.3 114 Sur: BFB 1000 851.8 123 70 130 Sample ID: 2110779-001amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range Client ID: S-21 Batch ID: G82119 RunNo: 82119 Prep Date: Analysis Date: 10/18/2021 SeqNo: 2909638 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Basoline Range Organics (GR0) 25 4.3 21.30 0 119 61.3 114 7.59 20 S Surr: BFB 1000 25 4.3 21.30 0 119 61.3 114 7.59 20 S Surr: BFB 1000 851.8 120 70 130 0 0 Sample ID: mb-63285 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range Qual Qual <t< td=""><td>Analyte</td><td>Result I</td><td>PQL</td><td>SPK value</td><td>SPK Ref Val</td><td>%REC</td><td>LowLimit</td><td>HighLimit</td><td>%RPD</td><td>RPDLimit</td><td>Qual</td></t<>	Analyte	Result I	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB 1000 851.8 123 70 130 Sample ID: 2110779-001amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range Client ID: S-21 Batch ID: G82119 RunNo: 82119 Prep Date: Analysis Date: 10/18/2021 SeqNo: 2909638 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Sasoline Range Organics (GRO) 25 4.3 21.30 0 119 61.3 114 7.59 20 S Surr: BFB 1000 851.8 120 70 130 0 0 0 Sample ID: mb-63285 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range Client ID: PBS Batch ID: 63285 RunNo: 82119 Qual Surr: BFB <td>Gasoline Range Organics (GRO)</td> <td>24</td> <td>4.3</td> <td>21.30</td> <td>0</td> <td>111</td> <td>61.3</td> <td>114</td> <td></td> <td></td> <td></td>	Gasoline Range Organics (GRO)	24	4.3	21.30	0	111	61.3	114			
Sample ID: 2110779-001amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range Client ID: S-21 Batch ID: 682119 RunNo: 82119 Vertice SeqNo: 2909638 Units: mg/Kg Prep Date: Analysis Date: 10/18/2021 SeqNo: 2909638 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual 3asoline Range Organics (GRO) 25 4.3 21.30 0 119 61.3 114 7.59 20 S Surr: BFB 1000 851.8 120 70 130 0 0 0 Sample ID: mb-63285 SampType: MBLK TestCode: EPA Method 82119 Vertice Vertice Vertice S	Sull: RFR	1000		851.8		123	70	130			
Client ID: S-21 Batch ID: G82119 RunNo: 82119 Prep Date: Analysis Date: 10/18/2021 SeqNo: 2909638 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Gasoline Range Organics (GRO) 25 4.3 21.30 0 119 61.3 114 7.59 20 S Surr: BFB 1000 851.8 120 70 130 0 0 0 Sample ID: mb-63285 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range Client ID: PBS Batch ID: 63285 RunNo: 82119 Units: %Rec Prep Date: 10/13/2021 Analysis Date: 10/19/2021 SeqNo: 2909641 Units: %Rec Sample ID: Ics-63285 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range Guint: ID: 63285 SampType: LCS TestCode: EPA Method 8015	Sample ID: 2110779-001am	sd SampTyp	e: MS	SD	Test	Code: EF	PA Method	8015D: Gasol	ine Rang	e	
Prep Date: Analysis Date: 10/18/2021 SeqNo: 2909638 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Gasoline Range Organics (GRO) 25 4.3 21.30 0 119 61.3 114 7.59 20 S Surr: BFB 1000 851.8 120 70 130 0 0 0 Sample ID: mb-63285 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range Client ID: PBS Batch ID: 63285 RunNo: 82119 Units: %Rec Prep Date: 10/13/2021 Analysis Date: 10/19/2021 SeqNo: 2909641 Units: %RPD RPDLimit Qual Surr: BFB 1100 1000 107 70 130 Sample ID: Ics-63285 SampType: LCS TestCode: EPA M	Client ID: S-21	Batch I	D: G8	82119	R	unNo: 82	2119				
Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Gasoline Range Organics (GRO) 25 4.3 21.30 0 119 61.3 114 7.59 20 S Surr: BFB 1000 851.8 120 70 130 0 0 0 Sample ID: mb-63285 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range E <td< td=""><td>Prep Date:</td><td>Analysis Date</td><td>e: 10</td><td>0/18/2021</td><td>S</td><td>eqNo: 2</td><td>909638</td><td>Units: mg/Kg</td><td>J</td><td></td><td></td></td<>	Prep Date:	Analysis Date	e: 10	0/18/2021	S	eqNo: 2	909638	Units: mg/Kg	J		
Sasoline Range Organics (GR0) 25 4.3 21.30 0 119 61.3 114 7.59 20 S Surr: BFB 1000 851.8 120 70 130 0 0 0 Sample ID: mb-63285 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range Client ID: PBS Batch ID: 63285 RunNo: 82119	Analyte	Result I	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Suff: BFB1000851.81207013000Sample ID: mb-63285SampType: MBLKTestCode: EPA Method 8015D: Gasoline RangeClient ID:PBSBatch ID: 63285RunNo: 82119Prep Date:10/13/2021Analysis Date:10/19/2021SeqNo: 2909641Units: %RecAnalyteResultPQLSPK valueSPK Ref Val%RECLowLimitHighLimit%RPDRPDLimitQualSurr: BFB1100100010770130130100100107Sample ID:Ics-63285SampType:LCSTestCode: EPA Method 8015D: Gasoline RangeClient ID:LCSSBatch ID: 63285RunNo: 82119Prep Date:10/13/2021Analysis Date:10/18/2021SeqNo: 2909642Units: %RecAnalyteResultPQLSPK valueSPK Ref Val%RECLowLimitHighLimit%RPDRPDLimitQualSurr: BFB1200100012570130130130130130	Gasoline Range Organics (GRO)	25	4.3	21.30	0	119	61.3	114	7.59	20	S
Sample ID:mb-63285SampType:MBLKTestCode:EPA Method 8015D:Gasoline RangeClient ID:PBSBatch ID:63285RunNo:82119Prep Date:10/13/2021Analysis Date:10/19/2021SeqNo:2909641Units:%RecAnalyteResultPQLSPK valueSPK Ref Val%RECLowLimitHighLimit%RPDRPDLimitQualSurr: BFB11001000107701307013070130Sample ID:Ics-63285SampType:LCSTestCode:EPA Method 8015D:Gasoline RangeClient ID:LCSSBatch ID:63285RunNo:82119Prep Date:10/13/2021Analysis Date:10/18/2021SeqNo:2909642Units:%RecAnalyteResultPQLSPK valueSPK Ref Val%RECLowLimitHighLimit%RPDRPDLimitQualSurr: BFB1200100012570130130130130130	Sull: BFB	1000		851.8		120	70	130	0	0	
Client ID:PBSBatch ID:63285RunNo:82119Prep Date:10/13/2021Analysis Date:10/19/2021SeqNo:2909641Units:%RecAnalyteResultPQLSPK valueSPK Ref Val%RECLowLimitHighLimit%RPDRPDLimitQualSurr: BFB1100100010770130100107100100Sample ID:Ics-63285SampType:LCSTestCode:EPA Method8015D:Gasoline RangeClient ID:LCSSBatch ID:63285RunNo:82119VerticeVerticeVerticeVerticePrep Date:10/13/2021Analysis Date:10/18/2021SeqNo:2909642Units:%RecAnalyteResultPQLSPK valueSPK Ref Val%RECLowLimitHighLimit%RPDRPDLimitQualSurr: BFB1200100012570130VerticeVerticeVerticeVerticeVerticeSurr: BFB1200100012570130VerticeVerticeVerticeVerticeVerticeVerticeSurr: BFB1200100012570130VerticeVer	Sample ID: mb-63285	SampTyp	e: ME	BLK	Test	Code: EF	PA Method	8015D: Gasol	ine Rang	e	
Prep Date: 10/13/2021 Analysis Date: 10/19/2021 SeqNo: 2909641 Units: %Rec Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Surr: BFB 1100 1000 107 70 130	Client ID: PBS	Batch II	D: 63	285	R	unNo: 82	2119				
Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Surr: BFB 1100 1000 107 70 130 130 100 100 107 70 130 100	Prep Date: 10/13/2021	Analysis Date	e: 10	0/19/2021	S	eqNo: 29	909641	Units: %Rec			
Surr: BFB110010010770130Sample ID: Ics-63285SampType: LCSTestCode: EPA Method 8015D: Gasoline RangeClient ID:LCSSBatch ID: 63285RunNo: 82119Prep Date:10/13/2021Analysis Date:10/18/2021SeqNo: 2909642Units: %RecAnalyteResultPQLSPK valueSPK Ref Val%RECLowLimitHighLimit%RPDRPDLimitQualSurr: BFB1200100012570130130130	Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sample ID: Ics-63285 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range Client ID: LCSS Batch ID: 63285 RunNo: 82119 Prep Date: 10/13/2021 Analysis Date: 10/18/2021 SeqNo: 2909642 Units: %Rec Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Surr: BFB 1200 1000 125 70 130	Surr: BFB	1100		1000		107	70	130			
Client ID: LCSS Batch ID: 63285 RunNo: 82119 Prep Date: 10/13/2021 Analysis Date: 10/18/2021 SeqNo: 2909642 Units: %Rec Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Surr: BFB 1200 1000 125 70 130	Sample ID: Ics-63285	SampTyp	e: LC	s	Test	Code: EF	PA Method	8015D: Gasol	ine Rang	e	
Prep Date: 10/13/2021 Analysis Date: 10/18/2021 SeqNo: 2909642 Units: %Rec Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Surr: BFB 1200 1000 125 70 130	Client ID: LCSS	Batch II	D: 63	285	R	unNo: 82	2119				
Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Surr: BFB 1200 1000 125 70 130	Prep Date: 10/13/2021	Analysis Date	e: 10	0/18/2021	S	eqNo: 29	909642	Units: %Rec			
Surr: BFB 1200 1000 125 70 130	Analyte	Result I	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
	Surr: BFB	1200		1000		125	70	130			

Qualifiers:

Value exceeds Maximum Contaminant Level. *

D Sample Diluted Due to Matrix

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix S

В Analyte detected in the associated Method Blank

Е Value above quantitation range

J Analyte detected below quantitation limits

Р Sample pH Not In Range

RL Reporting Limit Page 8 of 10

ENSOLUM

Trunk 6K 1

Client:

Project:

Sample ID: mb

Client ID: PBS

SampType: MBLK

Batch ID: B82119

WO#:	2110779
	19-Oct-21

	1
TestCode: EPA Method 8021B: Volatiles	
RunNo: 82119	

Prep Date:	Analysis [Date: 10	0/18/2021	5	SeqNo: 2	909665	Units: mg/k	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.93		1.000		92.7	70	130			
Sample ID: 100ng btex lcs	Samp	Гуре: LC	s	Tes	tCode: El	PA Method	8021B: Vola	tiles		
Client ID: LCSS	Batc	h ID: B8	2119	F	RunNo: 8	2119				
Prep Date:	Analysis [Date: 10	0/18/2021	5	SeqNo: 2	909666	Units: mg/h	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.025	1.000	0	99.8	80	120			
Toluene	1.0	0.050	1.000	0	103	80	120			
Ethylbenzene	1.0	0.050	1.000	0	101	80	120			
Xylenes, Total	3.0	0.10	3.000	0	99.3	80	120			
Surr: 4-Bromofluorobenzene	0.93		1.000		93.5	70	130			
Sample ID: 2110779-002ams	Samp	Гуре: М	6	Tes	tCode: El	PA Method	8021B: Vola	tiles		
Client ID: S-22	Batc	h ID: B8	2119	F	RunNo: 8	2119				
Prep Date:	Analysis [Date: 10	0/18/2021	S	SeqNo: 2	909686	Units: mg/k	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.60	0.017	0.6892	0	87.6	80	120			
Toluene	0.62	0.034	0.6892	0	89.9	80	120			
Ethylbenzene	0.61	0.034	0.6892	0	88.1	80	120			
Xylenes, Total	1.8	0.069	2.068	0	86.0	80	120			
Surr: 4-Bromofluorobenzene	0.62		0.6892		90.5	70	130			
Sample ID: 2110779-002amso	d Samp	Type: MS	SD	Tes	tCode: El	PA Method	8021B: Vola	tiles		
Client ID: S-22	Batc	h ID: B8	2119	F	RunNo: 8	2119				
Prep Date:	Analysis [Date: 10	0/18/2021	5	SeqNo: 2	909687	Units: mg/ł	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.80	0.017	0.6892	0	116	80	120	28.2	20	R
Toluene	0.82	0.034	0.6892	0	119	80	120	27.9	20	R
Ethylbenzene	0.80	0.034	0.6892	0	117	80	120	28.0	20	R
Xylenes, Total	2.4	0.069	2.068	0	115	80	120	28.5	20	R
Surr: 4-Bromofluorobenzene	0.66		0.6892		95.3	70	130	0	0	

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

C SUMMART REFORT	WO#:	2110779
all Environmental Analysis Laboratory, Inc.		19-Oct-21

Client:	ENSOLU	Μ									
Project:	Trunk 6K	1									
Sample ID:	mb-63285	SampT	уре: МІ	BLK	Test	tCode: E	PA Method	8021B: Volat	iles		
Client ID:	PBS	Batch	ID: 63	285	R	lunNo: 8	2119				
Prep Date:	10/13/2021	Analysis D	ate: 1	0/19/2021	S	eqNo: 2	909690	Units: %Rec	;		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Brom	ofluorobenzene	0.90		1.000		89.8	70	130			
Sample ID:	LCS-63285	SampT	ype: LC	s	Tes	tCode: E	PA Method	8021B: Volat	iles		
Client ID:	LCSS	Batch	1D: 63	285	R	unNo: 8	2119				
Prep Date:	10/13/2021	Analysis D	ate: 1	0/18/2021	S	eqNo: 2	909691	Units: %Rec	:		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Brom	ofluorobenzene	0.90		1.000		90.2	70	130			

Qualifiers:

- Value exceeds Maximum Contaminant Level. *
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Practical Quanitative Limit PQL
- % Recovery outside of range due to dilution or matrix S

- Analyte detected in the associated Method Blank В
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 10 of 10

ENVIRONMENTAL ANALYSIS LABORATORY	Hall Environmer TEL: 505-345-3 Website: client.	ntal Analysis Labo 4901 Hawki Albuquerque, NM 975 FAX: 505-345 s.hallenvironmenta	ratory ns NE 87109 Sa -4107 11.com	Sample Log-In Check List			
Client Name: ENSOLUM	Work Order Numl	per: 2110779		RcptNo: 1			
Received By: Cheyenne Cason 10)/16/2021 7:50:00	АМ	Chul				
Completed By: Cheyenne Cason 10 Reviewed By: Image: 10/16/20 %	/16/2021 8:08:07	АМ	Chul				
Chain of Custody							
1. Is Chain of Custody complete?		Yes 🖌	No 🗌	Not Present			
2. How was the sample delivered?		Courier					
Log In		_					
was an attempt made to cool the samples?		Yes 🖌	No	NA 🗌			
Were all samples received at a temperature of >	0° C to 6.0°C	Yes 🗹	No 🗌	NA 🗌			
5. Sample(s) in proper container(s)?		Yes 🗹	No 🗌				
6. Sufficient sample volume for indicated test(s)?		Yes 🖌	No 🗌				
7. Are samples (except VOA and ONG) properly pre	served?	Yes 🗹	No 🗌				
8. Was preservative added to bottles?		Yes	No 🔽	NA 🗌			
9. Received at least 1 vial with headspace <1/4" for ,	AQ VOA?	Yes	No 🗌	NA 🗸			
0. Were any sample containers received broken?		Yes	No 🗹	# of preserved	/		
1. Does paperwork match bottle labels?		Yes 🗸	No 🗌	bottles checked for pH:			
(Note discrepancies on chain of custody)				(<2 or ≤12 u	nless noted)		
2. Are matrices correctly identified on Chain of Custo	ody?	Yes 🗸	No 🗌	Adjusted?			
3. Is it clear what analyses were requested?		Yes 🗹	No 🗌				
(If no, notify customer for authorization.)		Yes 🗸	No 🗌	Checked by: Cer	10/16/2		
pecial Handling (if applicable)							
5. Was client notified of all discrepancies with this or	rder?	Yes	No 🗌	NA 🗹			
Person Notified:	Date:		ette lae mega Lande a conse				
By Whom:	Via:	eMail P	hone 🗌 Fax	In Person			
Regarding:				NUTION NEEDED AND ADDRESS STATISTICS STATISTICS			
Client Instructions:				NOTO THE REPORT OF THE REPORT OF THE REPORT OF			
6. Additional remarks:							
7. Cooler Information							
Cooler No Temp °C Condition Seal Int	act Seal No	Seal Date	Signed By				
c.o Good res							

Page 1 of 1

Received by OCD: 1/6/2022 9:4	4:23 AM	Page 108 of 109
HALL ENVIRONM ANALYSIS LABOR www.hallenvironmental.com 1 Hawkins NE - Albuquerque, NM 8710 505-345-3975 Fax 505-345-4107 Analysis Request	8081 Pesticides/8082 PCB's 8081 Pesticides/8082 PCB's RCRA 8 Metals RCRA 8 Metals Store <	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$
1 4900	К К ВТЕХ / МТВЕ / ТМВ's (8021) К К ТРН:8015D(GRO / DRO / МКО)	Remarks:
Turn-Around Time: 100名 Standard 文Rush 10-18-21 Project Name: Trunk は K - 1 Project #: OS 41331158	Project Manager: A Summer: A Summer Sampler: A Summer Sampler: A Summer A	Received by: Via: Date Time Received by: Via: Date Time
Client: Custody Record Client: Description Client: Mailing Address: Lod S Rib Cocode Sect A 874/10	email or Fax#: QA/QC Package: Calidation: Standard Level 4 (Full Validation) Accreditation: Az Compliance In NELAC Other In NELAC Other In Standard Az Compliance In NELAC Other In Netrix Sample Name In Netrix Sample Name In Netrix Sample Name	N. F. M. S.
District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

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

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

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

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

CONDITIONS

Operator:	OGRID:
Enterprise Field Services, LLC	241602
PO Box 4324	Action Number:
Houston, TX 77210	70822
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	1/13/2022