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

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

			Kespe	unsible i ai t	y				
Responsible	Party: Ente	rprise Field Ser	vices, LLC	OGRID: 2	41602				
Contact Name: Thomas Long				Contact Te	Contact Telephone: 505-599-2286				
Contact ema	il: tjlong@e j	prod.com		Incident #	(assigned by OCD) nAPP	2222735338			
Contact mail 87401	ing address:	614 Reilly Ave,	Farmington, NN	1					
			Location 6	of Release So	ource				
Latitude 36.6	64887		Longitude	-107.674524	(NAD 83 in 6	decimal degrees to 5 decimal places)			
Site Name Jo	nes A LS	#7		Site Type I	Natural Gas Gatheri	ng Pipeline			
Date Release Discovered: 08/15/2022		Serial Num	Serial Number (if applicable): N/A						
Unit Letter	Section	Township	Range	Coun	nty				
E	15	28N	8W	San J	uan				
Surface Owner	r: State		ibal Private (N	ame: BLM)			
	_		_ `	Volume of 1	Dalagga				
Material(s) Released (Select all that apply and attach calculations or spec Crude Oil Volume Released (bbls)			calculations or specific	Volume Recovered (
Produced Water Volume Released (bbls)				Volume Recovered (bbls)					
	Is the concentration of dissolved chloride in produced water >10,000 mg/l?			loride in the	☐ Yes ☐ No				
Condensa				Volume Recovered (bbls): None				
Natural G	Natural Gas Volume Released (Mcf): 1.8 MCF			Volume Recovered (Mcf): None				
Other (de	scribe)	Volume/Weight	Released (provide	units):	Volume/Weight Recovered (provide units)				

Cause of Release On June 28, 2022, Enterprise had a release of natural gas from the Jones A LS #7 pipeline. The pipeline was isolated, depressurized, locked and tagged out. No liquids were released to the ground surface. No washes were affected. No fire nor injuries occurred. Due to the road conditions, Enterprise began repairs and remediation on August 12, 2022 and determined that this release was reportable per NMOCD regulation on August 15, 2022, due to the volume of impacted subsurface soil. Remediation and repairs were completed on September 14, 2022. The final excavation dimensions measured approximately 58 feet long by 23 feet wide by 11 feet deep. A total of 672 cubic yards of hydrocarbon impacted soil was excavated and transported to a New Mexico Oil Conservation Division (NMOCD) approved land farm. A third party closure report is included with this "Final" C-141.

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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 sam	pling diagram as described in 19.15.29	.11 NMAC	
Photographs of the re must be notified 2 days pr		os of the liner integr	ity if applicable (Note: appropriate OCD District office
□ Laboratory analyses of the control of th	of final sampling (Note: appropriate OE	OC District office m	ust be notified 2 days prior to final sampling)
☐ Description of remedi	iation activities		
and regulations all operator may endanger public health should their operations hav human health or the environ compliance with any other restore, reclaim, and re-veg	rs are required to report and/or file certain or the environment. The acceptance of failed to adequately investigate and rument. In addition, OCD acceptance of federal, state, or local laws and/or regularity.	ain release notificat of a C-141 report by emediate contamina f a C-141 report do lations. The respor- conditions that exist	y knowledge and understand that pursuant to OCD rules ions and perform corrective actions for releases which the OCD does not relieve the operator of liability ition that pose a threat to groundwater, surface water, es not relieve the operator of responsibility for isible party acknowledges they must substantially ed prior to the release or their final land use in ition and re-vegetation are complete.
Printed Name: Thomas Lor	ng	Title: Senior Envir	onmental Scientist
Signature:		Date:	11-29-2022
email: tjlong@eprod.com			9-2286
OCD Only			
Received by:		Date:	
remediate contamination th		e water, human heal	their operations have failed to adequately investigate and th, or the environment nor does not relieve the responsible
Closure Approved by:	Nelson Velez	Date: _	12/09/2022
Printed Name:	Nelson Velez	Title: _	Environmental Specialist – Adv



CLOSURE REPORT

Property:

Jones A LS#7 (08/15/22) Unit Letter E, S15 T28N R8W San Juan County, New Mexico

New Mexico EMNRD OCD Incident ID No. NAPP2222735338

November 3, 2022

Ensolum Project No. 05A1226196

Prepared for:

Enterprise Field Services, LLC

614 Reilly Avenue Farmington, NM 87401 Attn: Mr. Thomas Long

Prepared by:

Landon Daniell Staff Geologist Kyle Summers Senior Managing Geologist

umm

Jones A LS#7 (08/15/22)

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1.0 INTRODUCTION

Enterprise Field Services, LLC Jones A LS#7 (08/15/22)

1.1 Site Description & Background

Operator:	Enterprise Field Services, LLC / Enterprise Products Operating LLC (Enterprise)
Site Name:	Jones A LS#7 (08/15/22) (Site)
NM EMNRD OCD Incident ID No.	NAPP2222735338
Location:	36.664887° North, 107.674524° West Unit Letter E, Section 15, Township 28 North, Range 8 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 June 28, 2022, Enterprise was notified by a third party of a possible release on the Jones A LS#7 pipeline. Enterprise personnel confirmed a leak and subsequently isolated and locked the pipeline out of service. On August 10, 2022, Enterprise initiated activities to repair the pipeline and remediate potential petroleum hydrocarbon impact. On August 15, 2022, Enterprise determined the release was "reportable" due to the estimated volume of impacted soil. The NM EMNRD OCD was subsequently notified.

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 New Mexico EMNRD OCD. Ensolum, LLC (Ensolum) referenced New Mexico 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, during the evaluation and remediation of the Site. The appropriate closure criteria for sites are determined using the siting requirements outlined in Paragraph (4) of Subsection C of 19.15.29.12 NMAC. Ensolum utilized the general site characteristics and information available from NM state agency databases and federal agency geospatial databases to determine the appropriate closure criteria for the Site. Supporting figures and documentation associated with the following Siting bullets are provided in Appendix B.

The NM Office of the State Engineer (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). No PODs were identified in the same Public Land Survey System (PLSS) section as the Site. Five PODs (SJ-02283, SJ-04131-POD1, SJ-04131-POD2, SJ-04131-POD3, SJ-04131-POD4) were identified in an adjacent PLSS section. However, only SJ-02283 had a recorded depth to water. POD SJ-02283 is located approximately 1.7 miles east of the Site with a listed depth



to water of 480 feet and is approximately 33 feet lower in elevation than the Site (**Figure A**, **Appendix B**).

- Nine cathodic protection wells (CPWs) were identified in the NM EMNRD OCD imaging database in the adjacent PLSS sections. The four closest CPWs are depicted on Figure B (Appendix B). Documentation for the cathodic protection well located near the Hardie E #1 well location indicate a depth to water of approximately 340 feet bgs. This cathodic protection well is located approximately 0.48 miles west of the Site and is approximately 68 feet higher in elevation than the Site. Documentation for the cathodic protection well located near the Hardie E #2A well location indicates a depth to water of approximately 60 feet bgs. This cathodic protection well is located approximately 0.56 miles northwest of the Site and is approximately 51 feet lower in elevation than the Site. Documentation for the cathodic protection well located near the Hardie E #1 and #7 well locations indicates a depth to water of approximately 60 feet bgs. This cathodic protection well is located approximately 0.59 miles southwest of the Site and is approximately 528 feet lower in elevation than the Site. Documentation for the cathodic protection well located near the Hardie E #2 and #8 well locations indicates a depth to water of approximately 280 feet bgs. This cathodic protection well is located approximately 0.91 miles northwest of the Site and is approximately 54 feet lower in elevation than the Site.
- 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 freshwater 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 freshwater wells or springs were identified within 1,000 feet of the Site (Figure E, Appendix B).
- The Site is not located within incorporated municipal boundaries or within a defined municipal freshwater well field covered under a municipal ordinance adopted pursuant to New Mexico Statutes 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 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 within an area overlying a subsurface mine (Figure G, Appendix B).
- The Site is not located within an unstable area per Paragraph (6) of Subsection U of 19.15.2.7 NMAC.
- Based on information provided by the Federal Emergency Management Agency (FEMA)
 National Flood Hazard Layer (NFHL) geospatial database, the Site is not within a 100-year
 floodplain (Figure H, Appendix B).



Based on the identified siting criteria, Enterprise estimates the depth to water at the Site to be greater than 50 feet bgs, resulting in a Tier II ranking. However, the soil requirements of NMAC 19.15.29.13(D)(1) indicate that a minimum of the upper four feet must contain "uncontaminated" soil and that the soils meet Tier I closure criteria listed in Table 1 of NMAC 19.15.29.12. Applicable closure criteria for Tier I soils and Tier II soils (below four feet) remaining in place at the Site include:

Tier II Closure Criteria for Soils Impacted by a Release						
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 kilogram (mg/kg).

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

Tier I Closure Criteria for Soils Impacted by a Release						
Constituent ¹	Limit					
Chloride	EPA 300.0 or SM4500 CI B	600 mg/kg				
TPH (GRO+DRO+MRO) ²	EPA SW-846 Method 8015	100 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 kilogram (mg/kg).

3.0 SOIL REMEDIATION ACTIVITIES

On August 15, 2022, Enterprise initiated activities to remediate petroleum hydrocarbon impact resulting from the release. During the remediation and corrective action activities, Industrial Mechanical Inc (IMI), provided heavy equipment and labor support, while Ensolum provided environmental consulting support.

The final excavation measured approximately 58 feet long and 23 feet wide at the maximum extents. The maximum depth of the excavation measured approximately 11 feet bgs. The lithology encountered during the completion of remediation activities consisted primarily of sandstone and shale.

Approximately 672 cubic yards (yd³) of petroleum hydrocarbon-affected soils and 12 barrels (bbls) of hydro-excavation soil cuttings and water were 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 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**.



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

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).

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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 37 composite soil samples (S-1 through S-37) from the excavation for laboratory analysis. In addition, four composite soil samples (SP-1 through SP-4) were collected from a segregated portion of the stockpiled soils to determine if 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) or less sample area per guidelines outlined in Section D of 19.15.29.12 NMAC. Hand tools and the excavator bucket were utilized to obtain fresh aliquots from each area of the excavation. Regulatory correspondence is provided in **Appendix E**.

First Sampling Event

On August 11, 2022, the first sampling event was performed at the Site. Composite soil samples S-1 (4'), S-2 (4'), and S-3 (4') were collected from the floor of the excavation. Composite soil samples S-4 (0'-4'), S-5 (0'-4'), S-6 (0'-4'), S-7 (0'-4'), S-8 (0'-4'), and S-9 (0'-4') were collected from the walls of the excavation. Composite soil samples SP-1, SP-2, SP-3, and SP-4 were collected from a segregated portion of the stockpiled soils to determine if the soils were suitable for use as backfill.

Subsequent soil analytical results identified TPH concentrations that exceeded the NM EMNRD OCD closure criteria for composite soil samples S-1, S-2, S-3, S-4, S-5, S-7, S-8, S-9, SP-3, and SP-4. In response to the exceedances the excavation was enlarged. The soils associated with the impacted samples were removed by excavation and transported to the landfarm for disposal/remediation.

Second Sampling Event

On August 16, 2022, 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 samples S-10 (5.5') and S-11 (5.5') were collected from the floor of the excavation. Composite soil samples S-12 (0'-5.5') and S-13 (0'-5.5') were collected from walls of the excavation.

Third Sampling Event

On August 18, 2022, 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 sample S-14 (0'-5.5') was collected from a wall of the excavation. Composite soil sample S-15 (5.5') was collected from the floor of the excavation.

Fourth Sampling Event

On August 22, 2022, 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-16 (5.5') was collected from the floor of the excavation. Composite soil sample S-17 (0'-5.5') was collected from a wall of the excavation.

Fifth Sampling Event

On September 2, 2022, the fifth 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-18 (11') was collected from the floor of the excavation.



Page 5

Sixth Sampling Event

On September 8, 2022, the sixth 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-19 (11') and S-20 (11') were collected from the floor of the excavation. Composite soil samples S-21 (5.5'-11'), S-22 (0'-4'), S-23 (4'-11') were collected from walls of the excavation.

Seventh Sampling Event

On September 12, 2022, the seventh 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-26 (11') and S-27 (11') were collected from the floor of the excavation. Composite soil samples S-28 (0'-4'), S-29 (4'-11'), S-30 (0'-4'), S-31 (4'-11'), S-32 (0'-4'), and S-33 (4'-10') were collected from walls of the excavation. Subsequent soil analytical results identified TPH concentrations that exceeded the NM EMNRD OCD closure criteria for composite soil sample S-28. In response to the exceedances the excavation was enlarged. The impacted soil associated with composite sample S-28 was removed by excavation and transported to the landfarm for disposal/remediation.

Eighth Sampling Event

On September 14, 2022, the eighth 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-34 (4') was collected from the floor of the excavation. Composite soil samples S-35 (0'-4'), S-36 (0'-4'), and S-37 (0'-4') were collected from walls 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 SOIL 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-6, S-10 through S-27, S-29 through S-37, SP-1, and SP-2 to the applicable NM EMNRD OCD closure criteria. The soils associated with composite soil samples S-1 through S-5, S-7 through S-9, S-28, SP-3, and SP-4 were removed (due to COC exceedances) from the Site, and therefore, are not included in the following discussion.

 The laboratory analytical results for all composite soil samples associated with soils remaining at the Site indicate benzene is not present at concentrations greater than the laboratory PQLs/RLs, which are less than the applicable NM EMNRD OCD criteria of 10 mg/kg.



Jones A LS#7 (08/15/22)

- The laboratory analytical results for composite soil samples S-16, S-23, S-26, S-27, S-29, S-31, S-32, and S-34 indicate total BTEX concentrations ranging from 0.084 mg/kg (S-27) to 6.2 mg/kg (S-31), which are less than the applicable NM EMNRD OCD closure criteria of 50 mg/kg. The laboratory analytical results for all other composite soil samples associated with soils remaining at the Site indicate that total BTEX is not present in 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-11, S-16, S-19, S-23, S-26, S-29, and S-31 through S-34 indicate combined TPH GRO/DRO concentrations ranging from 6.4 mg/kg (S-16) to 260 mg/kg (S-33), which are less than the applicable NM EMNRD OCD closure criteria of 100 mg/kg or 1,000 mg/kg (depending on the depth of the represented soil). The laboratory analytical results for all other composite soil samples associated with soils remaining at the Site indicate combined TPH GRO/DRO is not present at concentrations greater than the laboratory PQLs/RLs, which are less than the applicable NM EMNRD OCD closure criteria of 100 mg/kg or 1,000 mg/kg (depending on the depth of the represented soil).
- The laboratory analytical results for composite soil samples S-11, S-16, S-19, S-23, S-26, S-29, and S-31 through S-34 indicate combined TPH GRO/DRO concentrations ranging from 6.4 mg/kg (S-16) to 420 mg/kg (S-33), which are less than the applicable NM EMNRD OCD closure criteria of 100 mg/kg or 2,500 mg/kg (depending on the depth of the represented soil.) The laboratory analytical results for all other composite soil samples associated with soils remaining at the Site indicate combined TPH GRO/DRO/MRO is not present at concentrations greater than the laboratory PQLs/RLs, which are less than the applicable NM EMNRD OCD closure criteria of 100 mg/kg or 2,500 mg/kg (depending on the depth of the represented soil).
- The laboratory analytical results for all composite soil samples indicate chloride is not present
 at concentrations greater than the laboratory PQLs/RLs, which are less than the applicable
 NM EMNRD OCD closure criteria of 600 mg/kg or 10,000 mg/kg (depending on the depth of
 the represented soil).

7.0 RECLAMATION AND REVEGETATION

The excavation was backfilled with imported fill and then contoured to the surrounding topography. Enterprise will re-seed the Site with an approved seeding mixture.

8.0 FINDINGS AND RECOMMENDATION

- Forty-one 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 672 yd³ of petroleum hydrocarbon-affected soils and 12 bbls of hydroexcavation soil cuttings and water were transported to the Envirotech landfarm for disposal/remediation. The excavation was backfilled with imported fill and then contoured to the surrounding topography.

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



Jones A LS#7 (08/15/22)

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

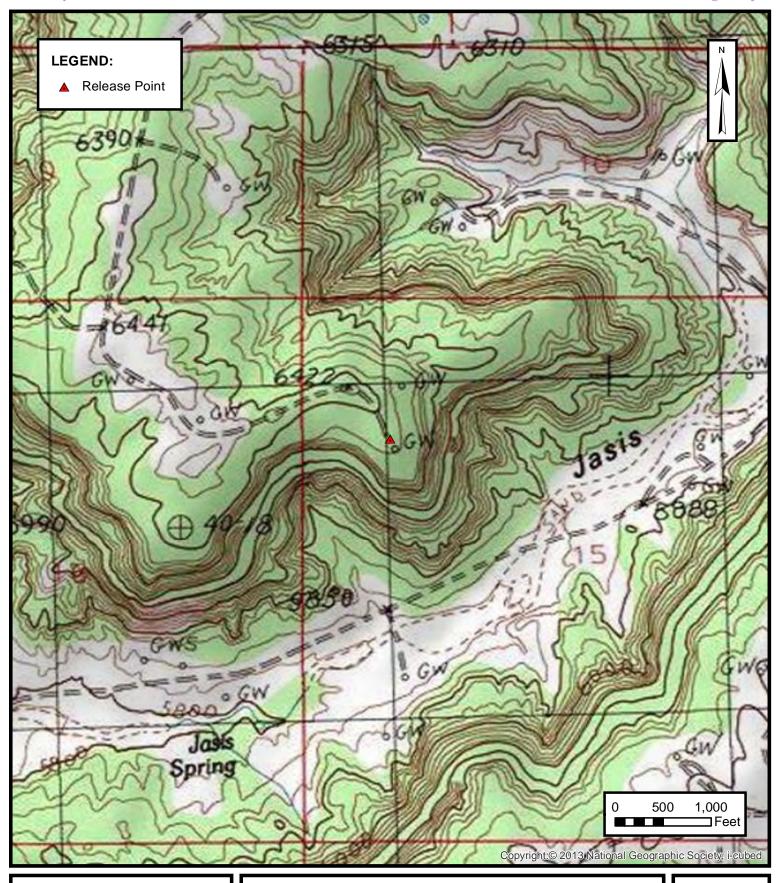
This report has been prepared for the exclusive use of Enterprise, and any authorization for use or reliance by any other party (except a governmental entity having jurisdiction over the Site) is prohibited without the express written authorization of Enterprise and Ensolum. Any unauthorized distribution 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





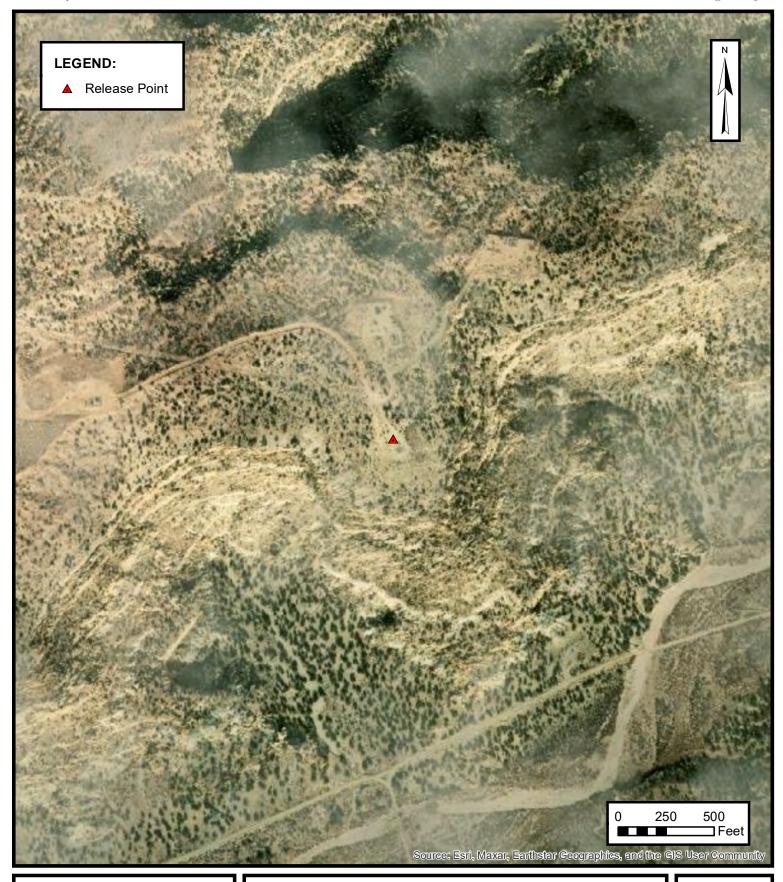
TOPOGRAPHIC MAP

ENTERPRISE FIELD SERVICES, LLC JONES A LS#7 (08/15/22) Unit Letter E, S15 T28N R8W, San Juan County, New Mexico 36.664887° N, 107.674524° W

PROJECT NUMBER: 05A1226196

FIGURE

1





SITE VICINITY MAP

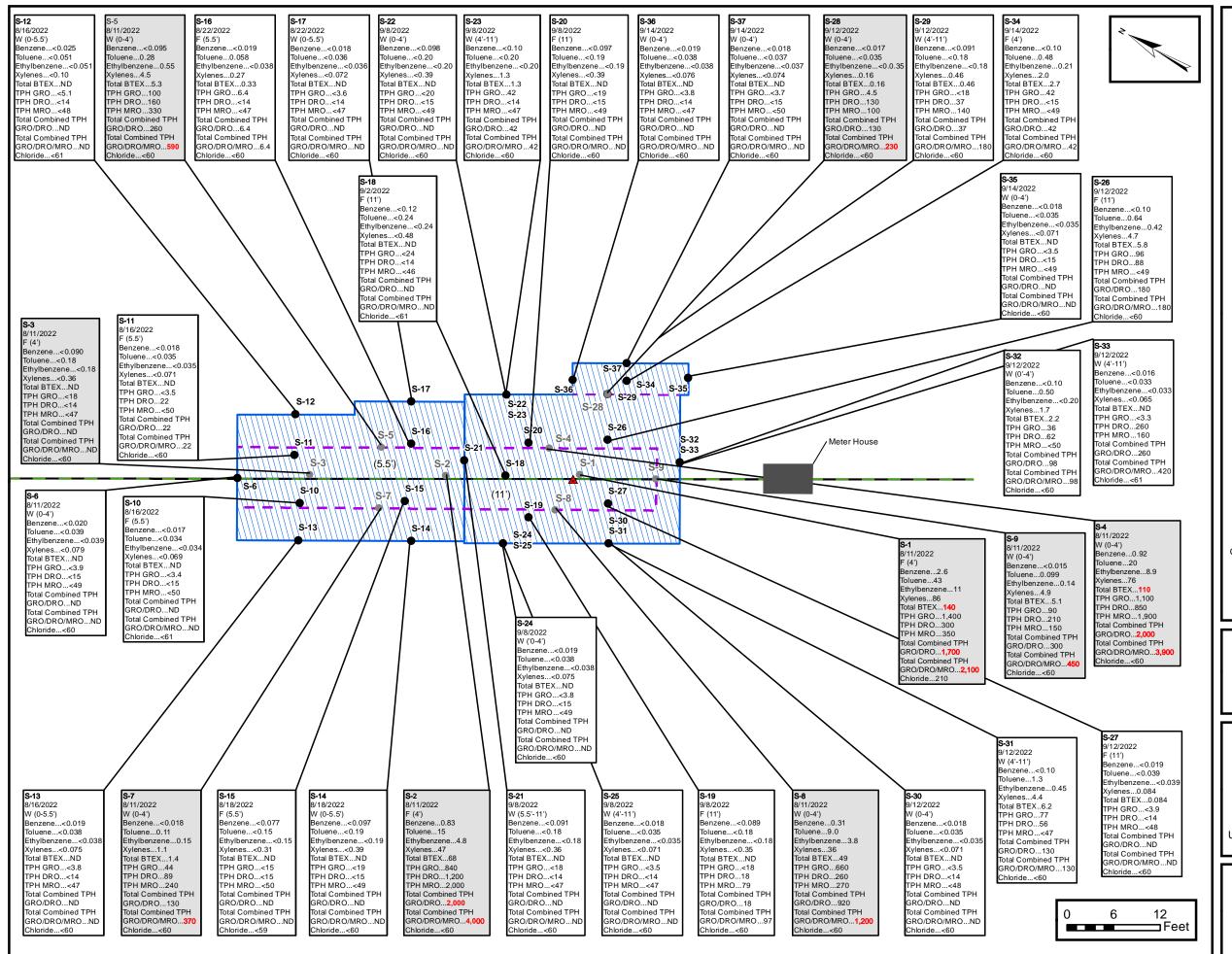
ENTERPRISE FIELD SERVICES, LLC JONES A LS#7 (08/15/22) Unit Letter E, S15 T28N R8W, San Juan County, New Mexico 36.664887° N, 107.674524° W

PROJECT NUMBER: 05A1226196

FIGURE

2

Received by OCD: 11/29/2022 7:12:34 AM



LEGEND:

- Release Point
- Composite Soil Sample Location
- Composite Soil Sample Removed by Excavation
- Former Wall

Approximate Pipeline Location



Extent of Excavation

NOTES: F - Floor Sample W - Wall Sample

All concentrations are in mg/Kg.

Concentrations in red exceed the applicable NM EMNRD OCD Closure Criteria.

All depths are listed in feet bgs.

Analytical callouts in gray denote sampling location removed by excavation.



SITE MAP WITH SOIL SAMPLE LOCATIONS

ENTERPRISE FIELD SERVICES, LLC JONES A LS#7 (08/15/22)

Unit Letter E, S15 T28N R8W, San Juan County, New Mexico 36.664887° N. 107.674524° W

FIGURE

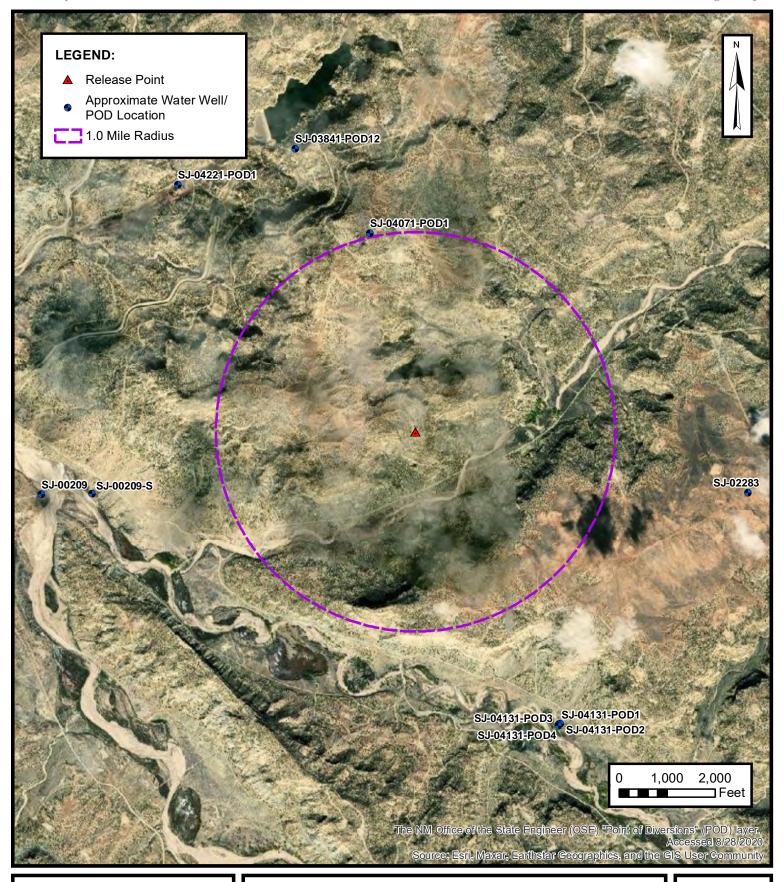
3

PROJECT NUMBER: 05A1226196



APPENDIX B

Siting Figures and Documentation





1.0 MILE RADIUS WATER WELL/ POD LOCATION MAP

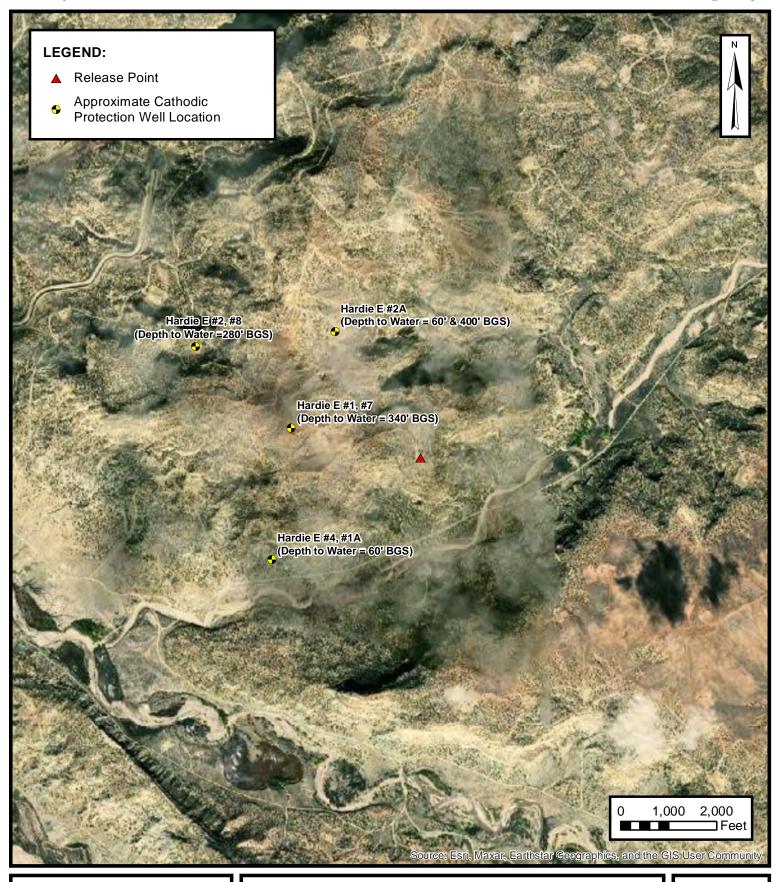
ENTERPRISE FIELD SERVICES, LLC
JONES A LS#7 (08/15/22)
etter F. S15 T28N R8W, San Juan County, New Mex

Unit Letter E, S15 T28N R8W, San Juan County, New Mexico 36.664887° N, 107.674524° W

PROJECT NUMBER: 05A1226196

FIGURE

A





CATHODIC PROTECTION WELL RECORDED DEPTH TO WATER

ENTERPRISE FIELD SERVICES, LLC
JONES A LS#7 (08/15/22)

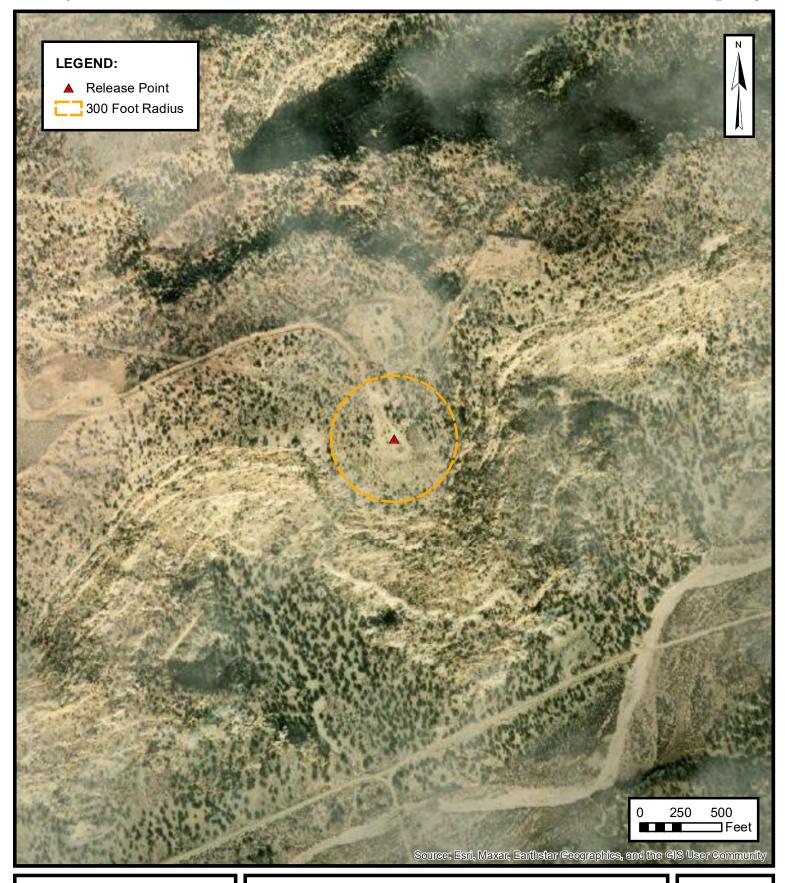
etter F S15 T28N P8W San Juan County New Mevi

Unit Letter E, S15 T28N R8W, San Juan County, New Mexico 36.664887° N, 107.674524° W

PROJECT NUMBER: 05A1226196

FIGURE

В





300 FOOT RADIUS WATERCOURSE AND DRAINAGE IDENTIFICATION

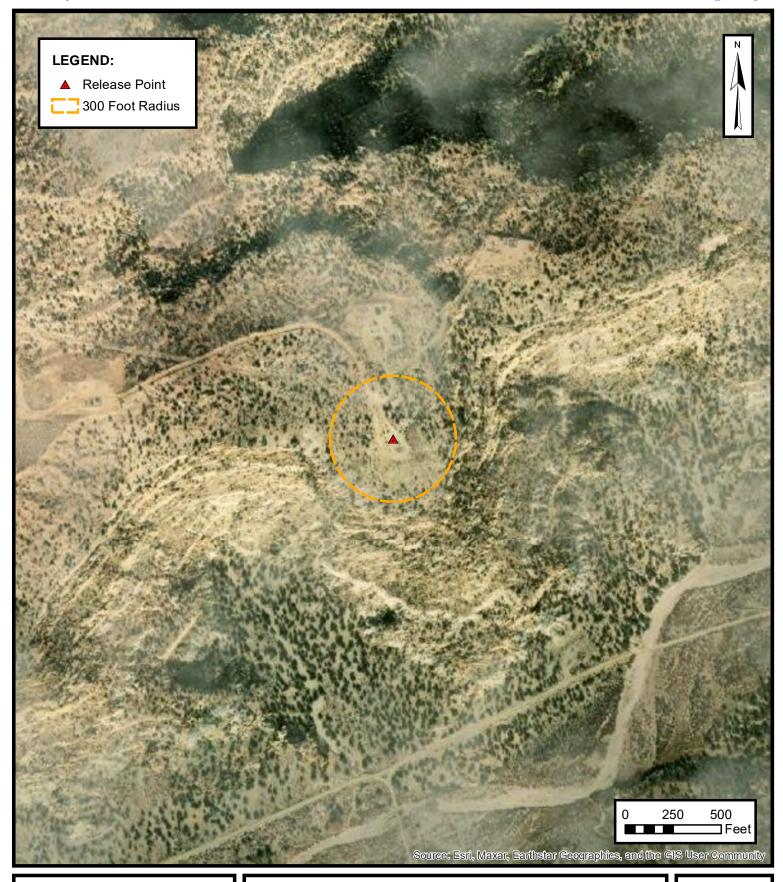
ENTERPRISE FIELD SERVICES, LLC
JONES A LS#7 (08/15/22)

Unit Letter E, S15 T28N R8W, San Juan County, New Mexico 36.664887° N, 107.674524° W

PROJECT NUMBER: 05A1226196

FIGURE

C





300 FOOT RADIUS OCCUPIED STRUCTURE IDENTIFICATION

ENTERPRISE FIELD SERVICES, LLC
JONES A LS#7 (08/15/22)

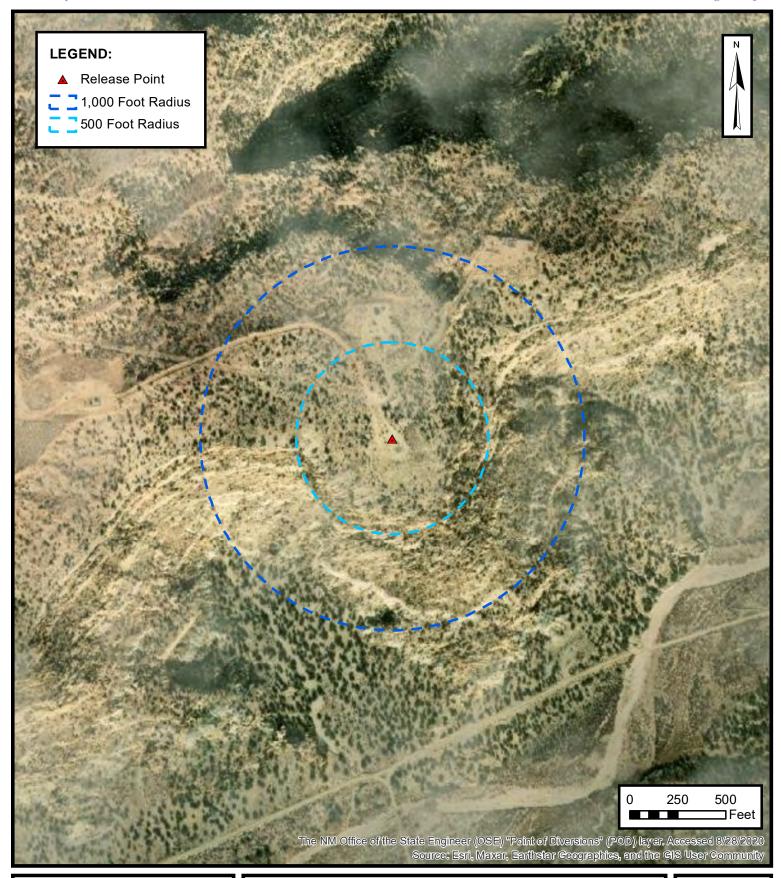
Patter F. S15 T28N R8W, San Juan County, New Mer

Unit Letter E, S15 T28N R8W, San Juan County, New Mexico 36.664887° N, 107.674524° W

PROJECT NUMBER: 05A1226196

FIGURE

D





WATER WELL AND NATURAL SPRING LOCATION

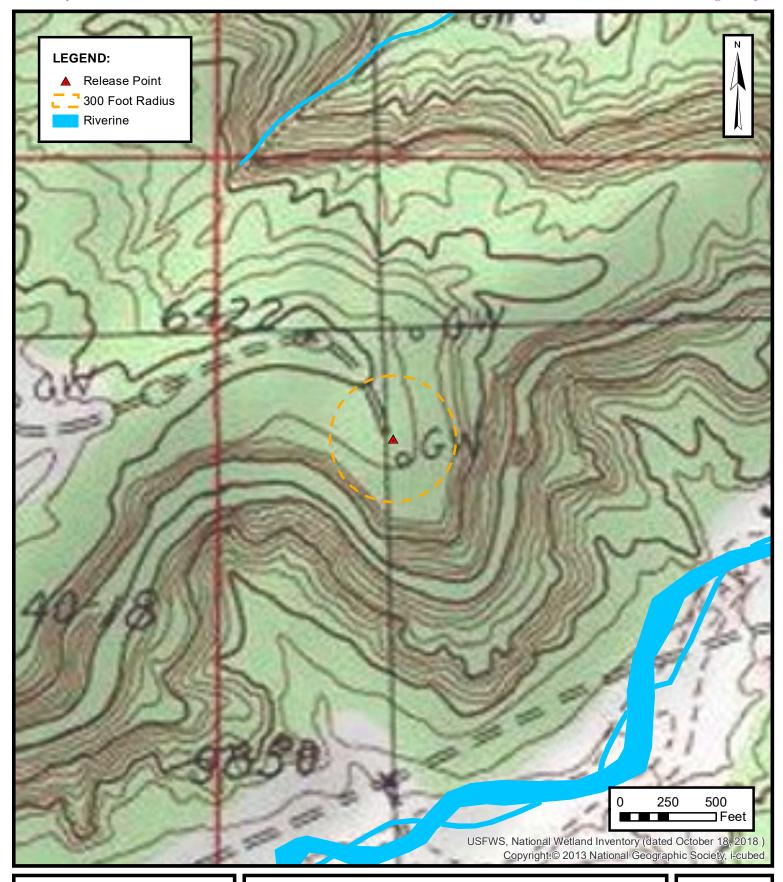
ENTERPRISE FIELD SERVICES, LLC JONES A LS#7 (08/15/22)

Unit Letter E, S15 T28N R8W, San Juan County, New Mexico 36.664887° N, 107.674524° W

PROJECT NUMBER: 05A1226196

FIGURE

E





WETLANDS

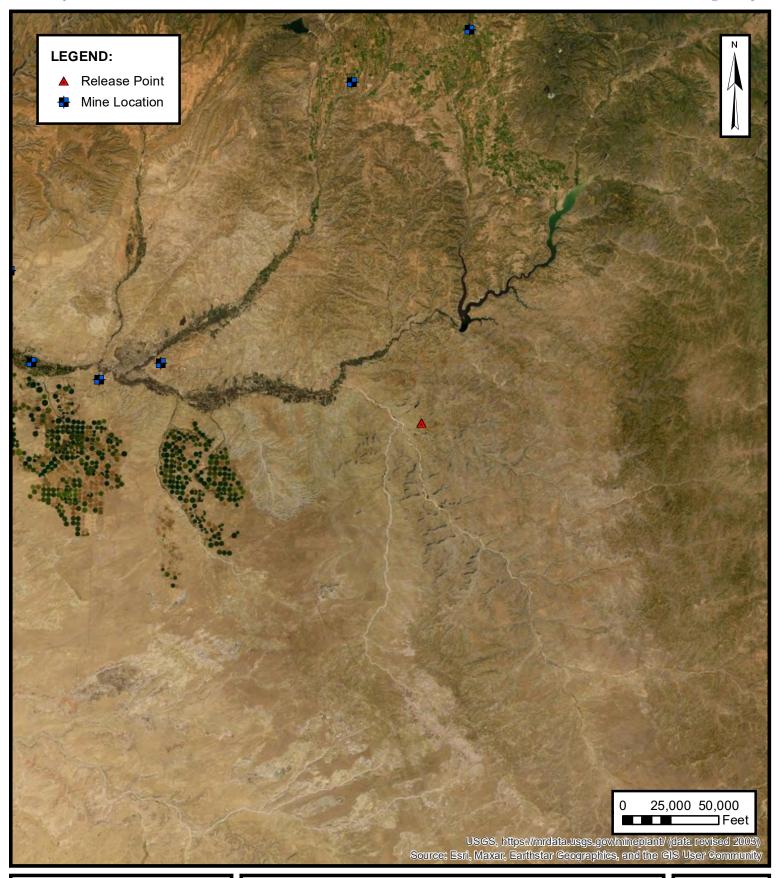
ENTERPRISE FIELD SERVICES, LLC
JONES A LS#7 (08/15/22)
etter F S15 T38N P8W San Juan County New March

Unit Letter E, S15 T28N R8W, San Juan County, New Mexico 36.664887° N, 107.674524° W

PROJECT NUMBER: 05A1226196

FIGURE

F





MINES, MILLS AND QUARRIES

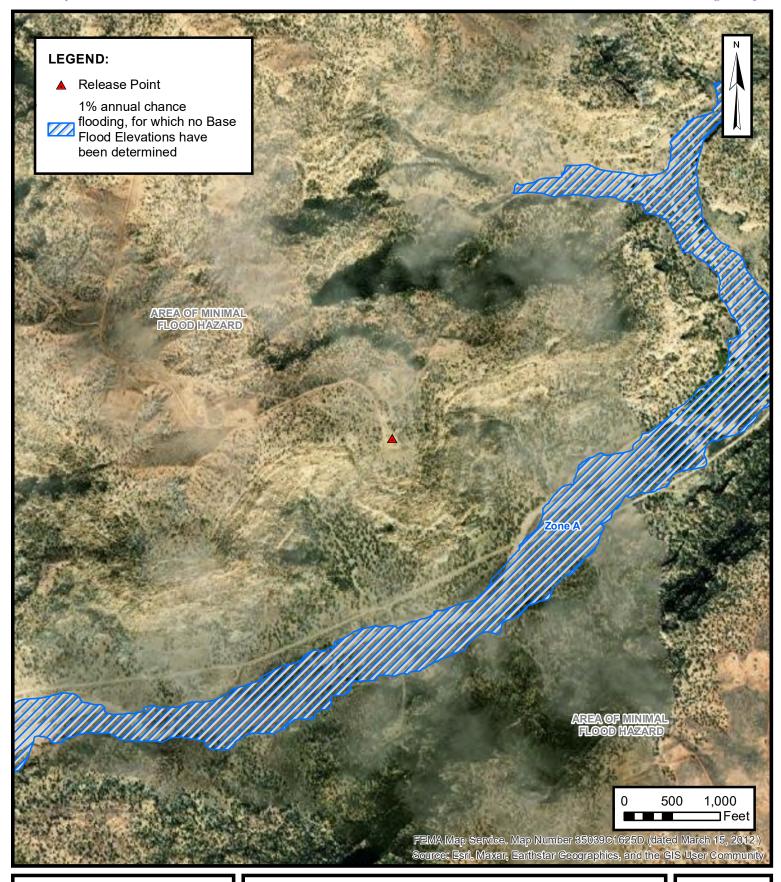
ENTERPRISE FIELD SERVICES, LLC
JONES A LS#7 (08/15/22)

Unit Letter E, S15 T28N R8W, San Juan County, New Mexico 36.664887° N, 107.674524° W

PROJECT NUMBER: 05A1226196

FIGURE

G





100-YEAR FLOOD PLAIN MAP

ENTERPRISE FIELD SERVICES, LLC JONES A LS#7 (08/15/22) Unit Letter E, S15 T28N R8W, San Juan County, New Mexico

Unit Letter E, S15 T28N R8W, San Juan County, New Mexic 36.664887° N, 107.674524° W

PROJECT NUMBER: 05A1226196

FIGURE

Н



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 water right file.) (R=POD has been replaced, O=orphaned,

C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD Number	POD Sub- Code basin	County	Q Q 64 16		Sec	: Tws	Rng		X	Y	-	-	Water Column
SJ 02283	SJ	SJ	1 2	4	14	28N	08W	26360	4	4060474* 🎒	540	480	60
SJ 04131 POD1	SJ	SJ	2	4	22	28N	W80	26205	0	4058670 🌑	36		
SJ 04131 POD2	SJ	SJ	2	4	22	28N	W80	26205	8	4058673	32		
SJ 04131 POD3	SJ	SJ	2	4	22	28N	W80	26204	1	4058664 🌑	32		
SJ 04131 POD4	SJ	SJ	2	4	22	28N	W80	26204	1	4058654 🎒	28		

Average Depth to Water: 480 feet

Minimum Depth: 480 feet

Maximum Depth: 480 feet

Record Count: 5

PLSS Search:

Section(s): 15, 9, 10, 11, 14, 16, 21, 22,

Township: 28N

Range: 08W

23

*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.

*8 = 30-045-21146

4781

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS NORTHWESTERN NEW MEXICO (Submit 3 copies to OCD Aztec Office)

Operator	MERIDIAN OIL	Location: Unit SW Sec. 9 Twp 28 Rng 8
Name of Wel	ll/Wells or Pipeline	Serviced HARDIE E #2, #8
		cps 649w_
Elevation <u>6</u>	227'Completion Date {	3/5/87 Total Depth 500' Land Type* N/A
Casing, Siz	es, Types & Depths_	N/A
If Casing i	s cemented, show am	ounts & types used <u>N/A</u>
If Cement o	or Bentonite Plugs h	ave been placed, show depths & amounts used
Depths & th	nickness of water zo	nes with description of water when possible
Fresh, Clea	r, Salty, Sulphur,	Etc. 280' SAMPLE TAKEN
Depths gas	encountered: N/A	
Type & amou	nt of coke breeze u	sed:N/A
Depths anod	es placed: 465', 455	', 430', 420', 405', 395', 340', 330', 320', 310'
Depths vent	pipes placed: N	A DECEIVED
Vent pipe p	erforations: 150'	
Remarks:	gb #2	OIL CON. DIV
		DIST 2

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.

FN-07-0238 (Rev. 10-82)

√ WELL CASING

CATHODIC PROTECTION CONSTRUCTION REPORT

RUCTION REPUR	(l,/
already in	Consule

m.m.

Completion Date 8-5-87

CPS #	Well Name	Line or Plant:		Work	Order #		Ins. Union Check					
649W	Har	rdie E dic E	#8	m	09-28-0	, ,	ZE ZE	<u> </u>	☐ Bed			
Location: SW9-28		node Size: 2" ×60	Anode Type	Durin	ron	Size Bir:	3/4"					
Depth Drilled	Depth L	180'	Drilling Rig Time	hrs	Fotal Lbs. Goke Used	Lost Circula	tion Mat'l Used	No. Sacks Mud Us Ele 0,	6227			
Anode Depth # 1465 # 2	455	*3430	*4420	* 540	5 46395	4,34	6 33C) _{*9} 320	, 103M			
Anode Output (Amps # 1 2 · 6 # 2	2.3	#31.7	n 4 1-6	* 5 J. C	e #63.1	#7 🗻	8 . 83. 9	#93.5	# 10 3 , 2			
Anode Depth # 11 # 12		# 13	# 14	# 15	# 16	# 17	# 18	# 19	≉ 2 0			
Anode Output (Amps		# 13	# 14	!# 15	# 16	# 17	 ≈ 18	# 19	# 20			
Total Circuit Resist	- 1	s 12./	Ohms /	06	No. 8 C.P. Co	ible Used	7	No. 2 C.P. Cal	ole Used			

Remarks: Priller said water was at 280'. Dent pipe is perforated up to 150, from 31. ight frace of water-at 150'. Nater sample was Laten at an earlier date

430000 _V Rectifier Size:____ -80.1 Addn'l Depth_ 20 / Depth Credit:__ Extra Cable:__ Ditch & 1 Cable:__ Ditch & 2 Cable: 40,00 25' Meter Pole: 4274.20 20' Heter Pole: 10' Stub Pole: 4487.911 Junction Box: 40 80

Hardie E 8

All Construction Completed

Kandy Smith

Hardie E

649 W

BURGE CORROSION SYSTEMS, INC.

P.O. BOX 1359 - PHONE 334-6141 AZTEC, NEW MEXICO 87410 CPS 649 W

COMPANY Meri	d191		Y DRILLING REPORT	8-3	
WELL NAME:		WELL NUMBER:	SECTION:	TOWNSHIP:	RANGE:
Hardie		2	9	28N	84
	WATER AT:	FEET:	HOLE MADE:		
approx.	200 ft		6/4	500 fx	
	· · · · · · · · · · · · · · · · · · ·	DESCRIPTION OF			
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100	140	Sand	Stone		Gras
140	(80	Sand	She le		C/ey
180	200	Sang	Stone		Orey
200	240	Sand	Shale		Grel
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eff 290	1 99 B 310	Shot 1	é II		Grév
310	320	Sand	Stone		Orley
320	420	Sha	1e		Cr 4y
420	440	Sand	Shale		Gres
440	460	Sand	tane		Grev
460	500	Sha!	de gi-		Crev
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Do Carri	Demo	Driller -		e V.	Tool Dresser

BURG CORROSION SYSTEMS, IC.

P.O. BOX 1359 - PHONE 334-6141 AZTEC, NEW MEXICO 87410 DEEP WELL GROUNDBED LOG.

Date 8-5-87

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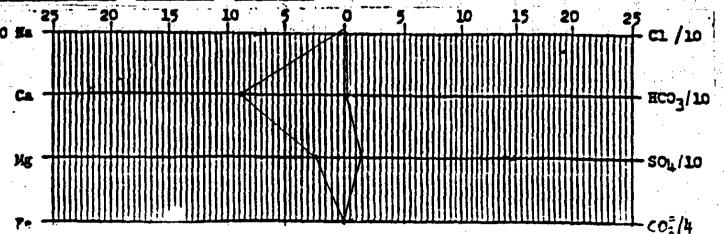


CPS 6494

API WATER ANALYSIS REPORT FORM

Company MERIDIAN OIL	СОМРАНУ			Sample No. 3	Date Sampled U8-03-87
Field Blanco	;	escription		Gounty or Pari	
Lease or Unit M9-28-8	Well Hardy	e E2	Depth /	Formation Mesa Verde	Water, B/D
Type of Water (Produced, !	Supply, etc.)	Sampling	l'oint	200'	Sampled By M. R.W.

DISSOLVED SOLIDS			OTHER I	PROPERTIES	7.52
CATIONS Sodium, Na (calc.) Calcium, Ca	mg/l 147 178	6.4 8.9	Specific Gr	ravity, 60/60 F. //// (ohm-meters) 71/6 F.	1.0038 8.20
Magnesium, Mg Barium, Ba	29	2.4	Conductivi		1.2×10 unho
				Total Dissolved Solids	(calc.) 1230 mg/1
ANIONS Chloride, Cl Sulfate, SO ₄ Carbonate, CO ₃	28 691	<u>0.8</u> 14.4		fron, Fe (total) Sulfide, as H ₂ S	-
Bicarbonate, HCO:	15\$	2.5		Remarks & Recoi	mmendations:
25 20 20 %a	15	io ș	o 5	10 15 20	25 C1 /10



30-045-22079

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS NORTHWESTERN NEW MEXICO (Submit 3 copies to OCD Aztec Office)

Operat	orMERIDIAN OIL	Location: Unit SE Sec. 9 Twp 28 Rng 8
Name o	f Well/Wells or Pipeline Ser	viced HARDIE E #2A
		cps 1091w
		77 Total Depth 650' Land Type* N/A
Casing	, Sizes, Types & DepthsN	/A
If Cas	ing is cemented, show amount	s & types usedN/A
If Ceme	ent or Bentonite Plugs have	been placed, show depths & amounts used
	& thickness of water zones Clear, Salty, Sulphur, Etc.	with description of water when possible: WET AT 60' & 400'
Depths	gas encountered: N/A	
Type &	amount of coke breeze used:	84 SACKS
Depths	anodes placed: 610', 600', 5	90', 580', 570', 560', 550', 520', 510', 500'
	vent pipes placed: 610' 0	F 1" PVC VENT PIPE
	pe perforations: 220'	MAY 3 2 1991
	s:gb #1	MAY 32 133 DIV
		OIR DIST. 3

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 OCD: 11/29/2022 7:12;34 AM $_{2}$ $_{3}$ $_{4}$ $_{5}$ $_{6}$ $_{7}$ $_$

4921

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS NORTHWESTERN NEW MEXICO (Submit 3 copies to OCD Aztec Office)

Operator MERIDIAN OIL L	ocation: Unit SE Sec. 16 Twp 28 Rng8
Name of Well/Wells or Pipeline Service	d HARDIE E #4. #1A
	cps 406w
Elevation 5851' Completion Date 8/24/81	Total Depth 360' Land Type* N/A
Casing, Sizes, Types & Depths N/A	
If Casing is cemented, show amounts &	types used N/A
If Cement or Bentonite Plugs have been N/A	placed, show depths & amounts used
Depths & thickness of water zones with Fresh, Clear, Salty, Sulphur, Etc.	
Depths gas encountered: N/A	
Type & amount of coke breeze used: N	/A
Depths anodes placed: 320', 300', 280', 2	60', 230', 210', 180', 145', 125', 105'
Depths vent pipes placed: 320'	
Vent pipe perforations: 280'	DECEN
Remarks: Gb #2	MAY 3 1 1991
	OIL CON, DIV

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.

Et Paso Natural Gas Company Form 7-238 (Rev. 11-71)

WELL CASING CATHODIC PROTECTION CONSTRUCTION REPORT DAILY LOG

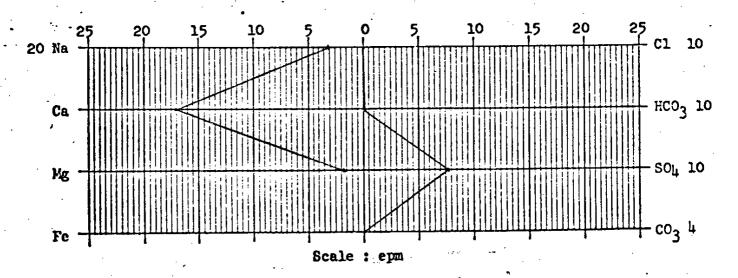
HARDIE F	rilling Log (Attach Hereto).					Сс	ompletion Date	8-6	24-81
## Hale Despite ##		E	1A Loc	$S\mathcal{E}$	16 28	7-8			6W
SUL 3500 00 359 SUL 35	ype & Size Bit Used	E	4						21-50-2
AND CONTROL (Amps) 3.75 2 2.75 2 3 2.60 2 4.73 2 5.70 2 7.62 3.04 8 3.05 9 4/63 10 3/01 ONE DEPTH 1 2 1 3 1 4 1 5 17 2 18 19 2 20 ONE OUTPUT (Amps) 11 2 12 3 3 14 3 5 17 2 18 3 19 2 20 ONE OUTPUT (Amps) 11 2 12 3 3 14 3 5 17 2 18 3 19 2 20 ONE OUTPUT (Amps) 11 2 12 3 3 14 3 5 17 2 18 3 19 2 20 ONE OUTPUT (Amps) 11 2 12 3 3 14 3 5 17 2 18 3 19 2 20 ONE OUTPUT (Amps) 11 2 12 3 3 4 2 14 3 5 17 2 18 3 19 2 ONE OUTPUT (Amps) 11 2 12 3 3 4 2 14 3 15 17 2 18 3 19 2 INDICATE: A TO			Rig Time	Potal Lbs. Coke U	sed Lost Circ	ulation Mat'l Us		ud Used 2/5-	19-50-2
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EL PASO NATURAL GAS COMPANY SAN JUAN DIVISION FARMINGTON, NEW MEXICO PRODUCTION DEPARTMENT WATER ANALYSIS

Analysis No. 1-10308	•	Date 9-11-81	
Operator El Paso Natura	l Gas	Well Name Hardie E-1A CPS 406 W	
Location SE 16-28-8	————————————————————————————————————	County San Juan State New Mexico	(2 (2 (2)
Field Blanco	·	Formation	
Sampled From 60'			
Date Sampled *8-24-81		By B.T.	
Tbg. Press.	Csg.	Surface Csg. Press.	
Sodium 1403	epm	chloride 18 0.5	
Calcium <u>342</u>	17.1	Bicarbonate 81 1.3	
Magnesium 21	1.7	Sulfate 3750 78.0	
Iron		Carbonate 0	
H ₂ S	· · ·	Hydroxide 0 0	The state of the s
ec: R. A. Ullrich		Total Solids Dissolved 5,520	
E. R. Paulek J: W. McCarthy		рн 7.8	
J. D. Evans W. B. Shropshire		Sp. Gr9993 At	60oF
D. C. Adams F11e	_	Resistivity 152 ohm-cm at	73 0 F
HCO ₃ taken to 4.0		Dennis P. Bird	<u> </u>
		Chemist	



El Paso Natural Gas Company ENGINEERING CALCULATION

406 W

SE-16-8

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4785

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS NORTHWESTERN NEW MEXICO (Submit 3 copies to OCD Aztec Office)

Operator	MERIDIAN OIL	Location:	Unit <u>NE</u> Sec	.16 Twp 28 Rng 8
Name of We	ll/Wells or Pipeline	Serviced HARD	E E #1, #7	
				cps 652w
Elevation_6	441'Completion Date	8/10/73 Total De	pth <u>560'</u> L	and Type* N/A
Casing, Si	zes, Types & Depths_	N/A	,	
If Casing	is cemented, show am	ounts & types us	ed <u>N/A</u>	
If Cement o	or Bentonite Plugs h	ave been placed,	show depth	s & amounts used
Depths & th	hickness of water zo	nes with descrip	tion of wat	er when possible:
Fresh, Clea	ar, Salty, Sulphur,	Etc. 340'		
Depths gas	encountered: N/A			
	unt of coke breeze u			
Depths anod	des placed: <u>537', 529</u>	'. 521'. 513'. 505'	<u>, 497', 489',</u>	481', 473', 390', 37
	t pipes placed:N/		<u></u>	GEIVER
Vent pipe p	perforations: 2	00'	<u>UU</u> MAY	731 1991
Remarks:	jb_#2		OIL C	ON. DIV
				ON. DIV

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.

WELL CASING

CATHODIC PROTECTION CONSTRUCTION REPOR

Drilling Log (Attach He	reto).				J. B	ompletion Dat	te %~/	7-15
Well Name	. Fs	11 257		cation ISIG -	28-8		CPS No.	,52w	,
Type & Size Bi		634					Work Order 53/6	No. 19 & SS	166
Anode Hole De	o 56	Total Drilling	Rig Time	Total Lbs, Coke	_	culation Matrl U	sed No. Sacks M	Mud Used	
Anode Depth	# 2 S Z	9 4352/	# 4513	# 5 50 \$	# 6497	#7489	#8481	#9 473	# 10378
Anode Output (Amps) # 2 /	6. #3/.4	# 4 1. 1	# 5 /. S	#6/.6.	! -	!	#9/./	# 10/
Anode Depth # 11376	# 12 3 6	# 13	# 14	# 15	# 16	# 17	# 18	# 19	# 20
Anode Output (Amps) # 12	(# 13	 # 14	 # 15	# 16	# 17	# 18	# 19	# 20
Total Circuit F		Amps 6.5	Ohms		No. 8 C.P. Co	able Used		No. 2 C.P. Ca	ble Used

Driller Soid wet at 340-360, Drill to 440, Return Stopped Pull up & Remove Boot at 340, Blew water out at 40. wtr. injection to 550, Change to Mad, Drill to 560 Lost Circ.

All Construction Completed (Signature)

Original & 1 Copy All Reports

C.P.S. # 652 - W

DAILY DRILLING REPORT

LEASE	H	ordie	WELL NO.	#/ E	#7CON	TRACTOR	m	Man	RIC	G NO.		REPO	ORT NO	٠.	DATE 8- 10 1973
	•		MORNING					D	AYLIGHT						EVENING A PROPERTY OF THE PROP
Driller			Total Men In C	Crew		Driller			Total Men In C	rew		Driller			Total Men in Crew
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Sheet Page 40 of 162



APPENDIX C

Executed C-138 Solid Waste Acceptance Form

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. Francis Dr., Santa Fe, NM 87505

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

Form C-138 Revised 08/01/11

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

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. Consented Name and Address.	OCLID WASTE
1. Generator Name and Address: Enterprise Field Services, LLC, 614 Reilly Ave, Farmington NM 87401	PayKey: EM20767 PM: ME Eddleman AFE: A60143
2. Originating Site: Jones ALS #7	
3. Location of Material (Street Address, City, State or ULSTR): UL E Section 15 T28N R8W; 36.664887, -107.674524	Aug / Sup 2022
4. Source and Description of Waste: Source: Remediation activities associated with a natural gas pipeline leak. Description: Hydrocarbon/Condensate impacted soil associated natural gas pipeline release. Estimated Volume _50 yd / bbls Known Volume (to be entered by the operator at the end	of the haul) 672/12 yd3/bbls
5. GENERATOR CERTIFICATION STATEMENT OF WA	STE STATUS
I, Thomas Long, representative or authorized agent for Enterprise Products Operatin Generator Signature certify that according to the Resource Conservation and Recovery Act (RCRA) and the US En regulatory determination, the above described waste is: (Check the appropriate classification)	
RCRA Exempt: Oil field wastes generated from oil and gas exploration and producti exempt waste. **Operator Use Only: Waste Acceptance Frequency Monthly	
RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardo subpart D, as amended. The following documentation is attached to demonstrate the above the appropriate items)	ous waste as defined in 40 CFR, part 261,
☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐	Other (Provide description in Box 4)
GENERATOR 19.15.36.15 WASTE TESTING CERTIFICATION STATEM	ENT FOR LANDFARMS
I, Thomas Long 8-9-2022, representative for Enterprise Products Operating author Generator Signature the required testing/sign the Generator Waste Testing Certification.	izes Envirotech, Inc. to complete
1, <u>Creeg Wabres</u> , representative for <u>Envirotech, Inc.</u> representative samples of the oil field waste have been subjected to the paint filter test and test have been found to conform to the specific requirements applicable to landfarms pursuant to S of the representative samples are attached to demonstrate the above-described waste conform to 19.15.36 NMAC.	ection 15 of 19.15.36 NMAC. The results
5. Transporter: TBD IME, Kolling P, Sierra, CFAM	
OCD Permitted Surface Waste Management Facility	
Name and Facility Permit #: Envirotech Inc. Soil Remediation Facility * Permit #: NM Address of Facility: Hilltop, NM Method of Treatment and/or Disposal: Evaporation Injection Treating Plant Landfarm L	andfill Other
Waste Acceptance Status:	
PRINT NAME: Greg Crabbren TITLE: Evolvo Ma SIGNATURE: TELEPHONE NO.:	Must Be Maintained As Permanent Record) Maryer DATE: 8/10/22 2-0615



APPENDIX D

Photographic Documentation

Closure Report Enterprise Field Services, LLC Jones A LS #7 (08/15/22) Ensolum Project No. 05A1226196



Photograph 1

Photograph Description: View of the excavation (first sampling event).



Photograph 2

Photograph Description: View of the excavation (second sampling event).



Photograph 3

Photograph Description: View of the excavation (fourth sampling event).



SITE PHOTOGRAPHS

Closure Report Enterprise Field Services, LLC Jones A LS #7 (08/15/22) Ensolum Project No. 05A1226196



Photograph 4

Photograph Description: View of the excavation (fifth and sixth sampling event).



Photograph 5

Photograph Description: View of the excavation (seventh sampling event).



Photograph 6

Photograph Description: View of the excavation (eighth sampling event).



SITE PHOTOGRAPHS

Closure Report Enterprise Field Services, LLC Jones A LS #7 (08/15/22) Ensolum Project No. 05A1226196



Photograph 7

Photograph Description: View of the site after initial restoration.





APPENDIX E

Regulatory Correspondence

From: Kyle Summers
To: Landon Daniell
Cc: Ranee Deechilly

Subject: FW: [EXTERNAL] Jones A LS#7 - UL E Section 15 T28N R8W; 36.664887, -107.674524; Incident #

nAPP2222735338

Date: Wednesday, September 14, 2022 8:45:37 AM

Kyle Summers Principal 903-821-5603 Ensolum, LLC

----Original Message-----

From: Velez, Nelson, EMNRD < Nelson. Velez@state.nm.us>

Sent: Wednesday, September 14, 2022 8:45 AM

To: Long, Thomas <tjlong@eprod.com>

Cc: Ryan Joyner <rjoyner@blm.gov>; Kyle Summers <ksummers@ensolum.com>; Stone, Brian

bmstone@eprod.com>

Subject: RE: [EXTERNAL] Jones A LS#7 - UL E Section 15 T28N R8W; 36.664887, -107.674524; Incident #

nAPP2222735338

[**EXTERNAL EMAIL**]

Tom.

Thank you for the notice. Your variance request is approved.

If an OCD representative is not on-site on the date &/or time given, please sample per 19.15.29 NMAC. For whatever reason, if the sampling timeframe is altered, please notify the OCD as soon as possible so we may adjust our schedule(s). Failure to notify the OCD of this change may result in the closure sample(s) not being accepted.

Please keep a copy of this communication for inclusion within the appropriate report submittal.

Regards

Nelson Velez ● Environmental Specialist - Adv Environmental Bureau | EMNRD - Oil Conservation Division 1000 Rio Brazos Road | Aztec, NM 87410 (505) 469-6146 | nelson.velez@state.nm.us

Office Hrs.:

7:00am - 12:00pm & 1:00 - 3:30 pm Mon.-Thur.

7:00am - 12:00pm & 1:00 - 4:00 pm Fri.

----Original Message-----

From: Long, Thomas <tjlong@eprod.com> Sent: Tuesday, September 13, 2022 4:00 PM

To: Velez, Nelson, EMNRD < Nelson. Velez@state.nm.us>

Cc: Ryan Joyner <rijoyner@blm.gov>; Kyle Summers <ksummers@ensolum.com>; Stone, Brian

<bmstone@eprod.com>

Subject: RE: [EXTERNAL] Jones A LS#7 - UL E Section 15 T28N R8W; 36.664887, -107.674524; Incident # nAPP2222735338

Nelson/Ryan,

This email is a notification and a variance request. Enterprise is requesting a variance for required 48 hour notification per 19.15.29.12D (1a) NMAC. Enterprise would like to collect partial closure samples tomorrow September 14, 2022 at 10:00 a.m. at the Jones A LS#7 excavation. Please acknowledge acceptance of this variance request. 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

----Original Message-----

From: Velez, Nelson, EMNRD < Nelson. Velez@state.nm.us>

Sent: Friday, September 9, 2022 1:21 PM To: Long, Thomas <tjlong@eprod.com>

Cc: Ryan Joyner <rjoyner@blm.gov>; Kyle Summers <ksummers@ensolum.com>; Stone, Brian

bmstone@eprod.com>

nAPP2222735338

[Use caution with links/attachments]

Tom,

Thank you for the notice. If an OCD representative is not on-site on the date &/or time given, please sample per 19.15.29 NMAC. For whatever reason, if the sampling timeframe is altered, please notify the OCD as soon as possible so we may adjust our schedule(s). Failure to notify the OCD of this change may result in the closure sample(s) not being accepted.

Please keep a copy of this communication for inclusion within the appropriate report submittal.

Regards

Nelson Velez ● Environmental Specialist - Adv Environmental Bureau | EMNRD - Oil Conservation Division 1000 Rio Brazos Road | Aztec, NM 87410 (505) 469-6146 | nelson.velez@state.nm.us

Office Hrs.:

7:00am – 12:00pm & 1:00 – 3:30 pm Mon.–Thur.

7:00am - 12:00pm & 1:00 - 4:00 pm Fri.

----Original Message-----

From: Long, Thomas <tjlong@eprod.com>

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Sent: Friday, September 9, 2022 12:14 PM
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To: Velez, Nelson, EMNRD < Nelson. Velez@state.nm.us>

Cc: Ryan Joyner <rjoyner@blm.gov>; Kyle Summers <ksummers@ensolum.com>; Stone, Brian

<bmstone@eprod.com>

Subject: Re: [EXTERNAL] Jones A LS#7 - UL E Section 15 T28N R8W; 36.664887, -107.674524; Incident # nAPP2222735338

Nelson/Ryan,

This email is a notification that Enterprise will be collecting closure samples on September 12, 2022 at 1:00 p.m. at the Jones A LS#7 excavation. If you have any questions, please call or email.

Tom Long

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> On Sep 7, 2022, at 11:06 AM, Velez, Nelson, EMNRD < Nelson. Velez@state.nm.us> wrote:
> [Use caution with links/attachments]
>
> Tom.
> Thank you for the notice. Your variance request is approved.
> If an OCD representative is not on-site on the date &/or time given, please sample per 19.15.29 NMAC. For
whatever reason, if the sampling timeframe is altered, please notify the OCD as soon as possible so we may adjust
our schedule(s). Failure to notify the OCD of this change may result in the closure sample(s) not being accepted.
> Please keep a copy of this communication for inclusion within the appropriate report submittal.
> Regards
>
>
> Nelson Velez • Environmental Specialist - Adv Environmental Bureau |
> EMNRD - Oil Conservation Division
> 1000 Rio Brazos Road | Aztec, NM 87410
> (505) 469-6146 | nelson.velez@state.nm.us
> Office Hrs.:
> 7:00am - 12:00pm & 1:00 - 3:30 pm Mon.-Thur.
> 7:00am - 12:00pm & 1:00 - 4:00 pm Fri.
> -----Original Message-----
> From: Long, Thomas <tjlong@eprod.com>
> Sent: Wednesday, September 7, 2022 10:31 AM
> To: Velez, Nelson, EMNRD < Nelson. Velez@state.nm.us>; Ryan Joyner
> <rioyner@blm.gov>
> Cc: Kyle Summers <ksummers@ensolum.com>; Stone, Brian
> <br/>bmstone@eprod.com>
> Subject: RE: [EXTERNAL] Jones A LS#7 - UL E Section 15 T28N R8W;
> 36.664887, -107.674524; Incident # nAPP2222735338
> Nelson/Ryan,
> This email is a notification and a variance request. Enterprise is requesting a variance for required 48 hour
notification per 19.15.29.12D (1a) NMAC. Enterprise would like to collect partial closure samples tomorrow
September 8, 2022 at 9:00 a.m. at the Jones A LS#7 excavation. Please acknowledge acceptance of this variance
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```
request. 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
>
>
> -----Original Message-----
> From: Velez, Nelson, EMNRD < Nelson. Velez@state.nm.us>
> Sent: Thursday, September 1, 2022 12:08 PM
> To: Long, Thomas <tjlong@eprod.com>; Ryan Joyner <rjoyner@blm.gov>
> Cc: Kyle Summers <ksummers@ensolum.com>; Stone, Brian
> <br/>bmstone@eprod.com>
> Subject: RE: [EXTERNAL] Jones A LS#7 - UL E Section 15 T28N R8W;
> 36.664887, -107.674524; Incident # nAPP2222735338
> [Use caution with links/attachments]
> Tom.
> Thank you for the notice. Your variance request is approved.
> If an OCD representative is not on-site on the date &/or time given, please sample per 19.15.29 NMAC. For
whatever reason, if the sampling timeframe is altered, please notify the OCD as soon as possible so we may adjust
our schedule(s). Failure to notify the OCD of this change may result in the closure sample(s) not being accepted.
> Please keep a copy of this communication for inclusion within the appropriate report submittal.
> Regards
>
> Nelson Velez • Environmental Specialist - Adv Environmental Bureau |
> EMNRD - Oil Conservation Division
> 1000 Rio Brazos Road | Aztec, NM 87410
> (505) 469-6146 | nelson.velez@state.nm.us
> Office Hrs.:
> 7:00am - 12:00pm & 1:00 - 3:30 pm Mon.-Thur.
> 7:00am - 12:00pm & 1:00 - 4:00 pm Fri.
> -----Original Message-----
> From: Long, Thomas <tilong@eprod.com>
> Sent: Thursday, September 1, 2022 12:04 PM
> To: Velez, Nelson, EMNRD < Nelson. Velez@state.nm.us>; Ryan Joyner
> <rjoyner@blm.gov>
> Cc: Kyle Summers <ksummers@ensolum.com>; Stone, Brian
> <br/>bmstone@eprod.com>
> Subject: Fwd: [EXTERNAL] Jones A LS#7 - UL E Section 15 T28N R8W;
> 36.664887, -107.674524; Incident # nAPP2222735338
>
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> Nelson/Ryan,
> This email is a notification and a variance request. Enterprise is
> requesting a variance for required 48 hour notification per
> 19.15.29.12D (1a) NMAC. Enterprise would like to collect partial
> closure samples tomorrow September 2, 2022 at 9:00 a.m. at the Jones A
> LS#7 excavation. Please acknowledge acceptance of this variance
> request. If you have any questions, please call or email
> Tom Long
>
> Begin forwarded message:
> From: "Long, Thomas" <tilong@eprod.com>
> Date: August 25, 2022 at 11:05:00 AM MDT
> To: "Velez, Nelson, EMNRD" < Nelson. Velez@state.nm.us>
> Cc: Ryan Joyner <rjoyner@blm.gov>, "Stone, Brian" <br/> <br/>bmstone@eprod.com>,
> Kyle Summers <ksummers@ensolum.com>
> Subject: RE: [EXTERNAL] Jones A LS#7 - UL E Section 15 T28N R8W;
> 36.664887, -107.674524; Incident # nAPP2222735338
> Nelson/Ryan,
> This email is a notification and a variance request. Enterprise is requesting a variance for required 48 hour
notification per 19.15.29.12D (1a) NMAC. Enterprise would like to collect partial closure samples tomorrow
August 26, 2022 at 10:00 a.m. at the Jones A LS#7 excavation. Please acknowledge acceptance of this variance
request. 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
>
>
> -----Original Message-----
> From: Velez, Nelson, EMNRD < Nelson. Velez@state.nm.us>
> Sent: Friday, August 19, 2022 3:08 PM
> To: Long, Thomas <tjlong@eprod.com>
> Cc: Ryan Joyner <rioyner@blm.gov>; Stone, Brian <br/> <br/>bmstone@eprod.com>;
> Kyle Summers <ksummers@ensolum.com>
> Subject: RE: [EXTERNAL] Jones A LS#7 - UL E Section 15 T28N R8W;
> 36.664887, -107.674524; Incident # nAPP2222735338
> [Use caution with links/attachments]
> Tom,
> Thank you for the notice. If an OCD representative is not on-site on the date &/or time given, please sample per
19.15.29 NMAC. For whatever reason, if the sampling timeframe is altered, please notify the OCD as soon as
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possible so we may adjust our schedule(s). Failure to notify the OCD of this change may result in the closure
sample(s) not being accepted.
> Please keep a copy of this communication for inclusion within the appropriate report submittal.
> Regards
>
>
> Nelson Velez • Environmental Specialist - Adv Environmental Bureau |
> EMNRD - Oil Conservation Division
> 1000 Rio Brazos Road | Aztec, NM 87410
> (505) 469-6146 | nelson.velez@state.nm.us
> Office Hrs.:
> 7:00am - 12:00pm & 1:00 - 3:30 pm Mon.-Thur.
> 7:00am - 12:00pm & 1:00 - 4:00 pm Fri.
> -----Original Message-----
> From: Long, Thomas <tilong@eprod.com>
> Sent: Friday, August 19, 2022 12:51 PM
> To: Velez, Nelson, EMNRD < Nelson. Velez@state.nm.us>
> Cc: Ryan Joyner <rjoyner@blm.gov>; Stone, Brian <br/> <br/>bmstone@eprod.com>;
> Kyle Summers <ksummers@ensolum.com>
> Subject: Re: [EXTERNAL] Jones A LS#7 - UL E Section 15 T28N R8W;
> 36.664887, -107.674524; Incident # nAPP2222735338
> Nelson/Ryan,
> The email is a notification that Enterprise will be collecting soil samples at the Jone A LS #7 excavation on
Monday August 22, 2022 at 10:00 a.m. If you have any questions, please call or email.
> Tom Long
>
> On Aug 17, 2022, at 1:45 PM, Velez, Nelson, EMNRD < Nelson. Velez@state.nm.us> wrote:
> [Use caution with links/attachments]
> Tom,
> Thank you for the notice. Your variance request is approved.
> If an OCD representative is not on-site on the date &/or time given, please sample per 19.15.29 NMAC. For
whatever reason, if the sampling timeframe is altered, please notify the OCD as soon as possible so we may adjust
our schedule(s). Failure to notify the OCD of this change may result in the closure sample(s) not being accepted.
> Please keep a copy of this communication for inclusion within the appropriate report submittal.
> The OCD requires a copy of all correspondence relative to remedial activities be included in all proposals and/or
final closure reports. Correspondence required to be included in reports may include, but not limited to,
notifications for liner inspections, sample events, spill/release/fire, and request for time extensions or variances.
> Regards
>
>
>
```

```
> Nelson Velez • Environmental Specialist - Adv Environmental Bureau |
> EMNRD - Oil Conservation Division
> 1000 Rio Brazos Road | Aztec, NM 87410
> (505) 469-6146 | nelson.velez@state.nm.us
> Office Hrs.:
> 7:00am - 12:00pm & 1:00 - 3:30 pm Mon.-Thur.
> 7:00am - 12:00pm & 1:00 - 4:00 pm Fri.
> -----Original Message-----
> From: Long, Thomas <tilong@eprod.com>
> Sent: Wednesday, August 17, 2022 12:41 PM
> To: Velez, Nelson, EMNRD < Nelson. Velez@state.nm.us>; Ryan Joyner
> < ksummers@ensolum.com>
> Subject: Fwd: [EXTERNAL] Jones A LS#7 - UL E Section 15 T28N R8W;
> 36.664887, -107.674524; Incident # nAPP2222735338
> Nelson/Ryan
> This email is a notification and a variance request. Enterprise is requesting a variance for required 48 hour
notification per 19.15.29.12D (1a) NMAC. Enterprise would like to collect partial closure samples tomorrow
August 18, 2022 at 11:00 a.m. at the Jones A LS#7 excavation. Please acknowledge acceptance of this variance
request. If you have any questions, please call or email.
> Tom Long
>
> Begin forwarded message:
> From: "Velez, Nelson, EMNRD" < Nelson. Velez@state.nm.us>
> Date: August 15, 2022 at 3:44:35 PM MDT
> To: "Long, Thomas" <tjlong@eprod.com>, rjoyner@blm.gov
> < ksummers@ensolum.com>
> Subject: RE: [EXTERNAL] Jones A LS#7 - UL E Section 15 T28N R8W;
> 36.664887, -107.674524; Incident # nAPP2222735338
> [Use caution with links/attachments]
> Thank you for the notice. Your variance request is approved.
> If an OCD representative is not on-site on the date &/or time given, please sample per 19.15.29 NMAC. For
whatever reason, if the sampling timeframe is altered, please notify the OCD as soon as possible so we may adjust
our schedule(s). Failure to notify the OCD of this change may result in the closure sample(s) not being accepted.
> Please keep a copy of this communication for inclusion within the appropriate report submittal.
> Regards
>
> Nelson Velez • Environmental Specialist - Adv Environmental Bureau |
> EMNRD - Oil Conservation Division
> 1000 Rio Brazos Road | Aztec, NM 87410
```

```
> (505) 469-6146 |
> nelson.velez@state.nm.us<<u>mailto:nelson.velez@state.nm.us</u>>
> Office Hrs.:
> 7:00am - 12:00pm & 1:00 - 3:30 pm Mon.-Thur.
> 7:00am - 12:00pm & 1:00 - 4:00 pm Fri.
> From: Long, Thomas <tjlong@eprod.com>
> Sent: Monday, August 15, 2022 2:52 PM
> To: Velez, Nelson, EMNRD < Nelson. Velez@state.nm.us>; rjoyner@blm.gov
> < ksummers@ensolum.com>
> Subject: [EXTERNAL] Jones A LS#7 - UL E Section 15 T28N R8W;
> 36.664887, -107.674524; Incident # nAPP2222735338
> CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or
opening attachments.
> Nelson/Ryan
> This email is a notification and a variance request. Enterprise is requesting a variance for required 48 hour
notification per 19.15.29.12D (1a) NMAC. Enterprise would like to collect partial closure samples tomorrow
August 16, 2022 at 2:00 p.m. at the Jones A LS#7 excavation. Please acknowledge acceptance of this variance
request. 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<<u>mailto:tjlong@eprod.com</u>>
> [image001.jpg]
>
>
```

> This message (including any attachments) is confidential and intended for a specific individual and purpose. If you are not the intended recipient, please notify the sender immediately and delete this message.



APPENDIX F

Table 1 – Soil Analytical Summary



							TABLE							
	Jones A LS#7 (08/15/22) 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	Total Combined TPH	Chloride
									55			(GRO/DRO) ¹	(GRO/DRO/MRO) ¹	
		C- Composite	(feet)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
		G - Grab												
New Mexi		neral & Natural F	Resources										Tier I (<4 feet) -	Tier I (<4 feet)
Oil Co		rtment vision Closure C	ritoria	10	NE	NE	NE	50	NE	NE	NE	Tier II - 1,000	100	- 600
Oil Co		nd Tier II)	riteria										Tier II - 2,500	Tier II - 10,000
				Composite Se	oil Samples Re	moved by Exca	ation and Tra	nsported to the	Landfarm for D	Disposal/Remed	diation			
S-1	8.11.22	С	4	2.6	43	11	86	140	1,400	300	350	1,700	2,100	210
S-2	8.11.22	С	4	0.83	15	4.8	47	68	840	1,200	2,000	2,000	4,000	<60
S-3	8.11.22	С	4	<0.090	<0.18	<0.18	<0.36	ND	<18	<14	<47	ND	ND	<60
S-4	8.11.22	С	0 to 4	0.92	20	8.9	76	110	1,100	850	1,900	2,000	3,900	<60
S-5	8.11.22	С	0 to 4	<0.095	0.28	0.55	4.5	5.3	100	160	330	260	590	<60
S-7	8.11.22	С	0 to 4	<0.018	0.11	0.15	1.1	1.4	44	89	240	130	370	<60
S-8	8.11.22	С	0 to 4	0.31	9.0	3.8	36	49	660	260	270	920	1,200	<60
S-9	8.11.22	С	0 to 4	<0.015	0.099	0.14	4.9	5.1	90	210	150	300	450	<60
S-28	9.12.22	С	0 to 4	<0.017	<0.035	<0.035	0.16	0.16	4.5	130	100	130	230	<60
SP-3	8.11.22	С	Stockpile	<0.018	<0.036	0.043	0.47	0.51	9.8	43	220	53	270	<60
SP-4	8.11.22	С	Stockpile	<0.083	2.4	1.3	22	26	340	390	1,400	730	2,100	<60
					C	omposite Soil S	amples Collec	ted from Stockp	iled Soils					
SP-1	8.11.22	С	Stockpile	<0.018	<0.037	< 0.037	<0.074	ND	<3.7	<14	<47	ND	ND	<60
SP-2	8.11.22	С	Stockpile	<0.016	<0.032	<0.032	<0.064	ND	<3.2	<15	<49	ND	ND	<60
						Excava	tion Composit	e Soil Samples						
S-6	8.11.22	С	0 to 4	<0.020	<0.039	<0.039	<0.079	ND	<3.9	<15	<49	ND	ND	<60
S-10	8.16.22	С	5.5	<0.017	<0.034	<0.034	<0.069	ND	<3.4	<15	<50	ND	ND	<61
S-11	8.16.22	С	5.5	<0.018	<0.035	< 0.035	<0.071	ND	<3.5	22	<50	22	22	<60
S-12	8.16.22	С	0 to 5.5	<0.025	<0.051	<0.051	<0.10	ND	<5.1	<14	<48	ND	ND	<61
S-13	8.16.22	С	0 to 5.5	<0.019	<0.038	<0.038	<0.075	ND	<3.8	<14	<47	ND	ND	<60
S-14	8.18.22	С	0 to 5.5	<0.097	<0.19	<0.19	<0.39	ND	<19	<15	<49	ND	ND	<60
S-15	8.18.22	С	5.5	<0.077	<0.15	<0.15	<0.31	ND	<15	<15	<50	ND	ND	<59
S-16	8.22.22	С	5.5	<0.019	0.058	<0.038	0.27	0.33	6.4	<14	<47	6.4	6.4	<60
S-17	8.22.22	С	0 to 5.5	<0.018	<0.036	<0.036	<0.072	ND	<3.6	<14	<47	ND	ND	<60
S-18	9.02.22	С	11	<0.12	<0.24	<0.24	<0.48	ND	<24	<14	<46	ND	ND	<61
S-19	9.08.22	С	11	<0.089	<0.18	<0.18	<0.35	ND	<18	18	79	18	97	<60
S-20	9.08.22	С	11	<0.097	<0.19	<0.19	<0.39	ND	<19	<15	<49	ND	ND	<60
S-21	9.08.22	С	5.5 to 11	<0.091	<0.18	<0.18	<0.36	ND	<18	<14	<47	ND	ND	<60



TABLE 1 Jones A LS#7 (08/15/22) SOIL ANALYTICAL SUMMARY

	OOIL ANALI HOAL SUMMANT													
Sample I.D.	Date	Sample Type	Sample Depth	Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX ¹	TPH GRO	TPH DRO	TPH MRO	Total Combined TPH	Total Combined TPH	Chloride
		C- Composite G - Grab	(feet)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(GRO/DRO) ¹ (mg/kg)	(GRO/DRO/MRO) ¹ (mg/kg)	(mg/kg)
	Depar Departion Div	eral & Natural F rtment rision Closure C nd Tier II)		10	NE	NE	NE	50	NE	NE	NE	Tier II - 1,000	Tier I (<4 feet) - 100 Tier II - 2,500	Tier I (<4 feet) - 600 Tier II - 10,000
S-22	9.08.22	С	0 to 4	<0.098	<0.20	<0.20	<0.39	ND	<20	<15	<49	ND	ND	<60
S-23	9.08.22	С	4 to 11	<0.10	<0.20	<0.20	1.3	1.3	42	<14	<47	42	42	<60
S-24	9.08.22	С	0 to 4	<0.019	<0.038	<0.038	<0.075	ND	<3.8	<15	<49	ND	ND	<60
S-25	9.08.22	С	4 to 11	<0.018	<0.035	<0.035	<0.071	ND	<3.5	<14	<47	ND	ND	<60
S-26	9.12.22	С	11	<0.10	0.64	0.42	4.7	5.8	96	88	<49	180	180	<60
S-27	9.12.22	С	11	<0.019	<0.039	<0.039	0.084	0.084	<3.9	<14	<48	ND	ND	<60
S-29	9.12.22	С	4 to 11	<0.091	<0.18	<0.18	0.46	0.46	<18	37	140	37	180	<60
S-30	9.12.22	С	0 to 4	<0.018	<0.035	<0.035	<0.071	ND	<3.5	<14	<48	ND	ND	<60
S-31	9.12.22	С	4 to 11	<0.10	1.3	0.45	4.4	6.2	77	56	<47	130	130	<60
S-32	9.12.22	С	0 to 4	<0.10	0.50	<0.20	1.7	2.2	36	62	<50	98	98	<60
S-33	9.12.22	С	4 to 11	<0.016	<0.033	<0.033	<0.065	ND	<3.3	260	160	260	420	<61
S-34	9.14.22	С	4	<0.10	0.48	0.21	2.0	2.7	42	<15	<49	42	42	<60
S-35	9.14.22	С	0 to 4	<0.018	<0.035	<0.035	<0.071	ND	<3.5	<15	<49	ND	ND	<60
S-36	9.14.22	С	0 to 4	<0.019	<0.038	<0.038	<0.076	ND	<3.8	<14	<47	ND	ND	<60
S-37	9.14.22	С	0 to 4	<0.018	<0.037	<0.037	<0.074	ND	<3.7	<15	<50	ND	ND	<60

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

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

NA = Not Analyzed

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

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



APPENDIX G

Laboratory Data Sheets & Chain of Custody Documentation



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

August 17, 2022

Kyle Summers

ENSOLUM

606 S. Rio Grande Suite A

Aztec, NM 87410

TEL: (903) 821-5603

FAX:

RE: Jones A LS 7 OrderNo.: 2208799

Dear Kyle Summers:

Hall Environmental Analysis Laboratory received 13 sample(s) on 8/12/2022 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 Freeman

Laboratory Manager

Indes

4901 Hawkins NE

Albuquerque, NM 87109

Jones A LS 7

2208799-001

Project:

Lab ID:

Analytical Report

Lab Order **2208799**Date Reported: **8/17/2022**

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: S-1

Collection Date: 8/11/2022 12:00:00 PM

Matrix: SOIL Received Date: 8/12/2022 6:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: JMT
Chloride	210	60		mg/Kg	20	8/12/2022 11:27:26 AM	69461
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					Analyst	: SB
Diesel Range Organics (DRO)	300	15		mg/Kg	1	8/12/2022 1:19:31 PM	69457
Motor Oil Range Organics (MRO)	350	49		mg/Kg	1	8/12/2022 1:19:31 PM	69457
Surr: DNOP	113	21-129		%Rec	1	8/12/2022 1:19:31 PM	69457
EPA METHOD 8015D: GASOLINE RANGE						Analyst	: BRM
Gasoline Range Organics (GRO)	1400	160		mg/Kg	50	8/13/2022 12:02:00 PM	A90227
Surr: BFB	198	37.7-212		%Rec	50	8/13/2022 12:02:00 PM	A90227
EPA METHOD 8021B: VOLATILES						Analyst	BRM
Benzene	2.6	0.080		mg/Kg	5	8/12/2022 11:01:00 AM	B90227
Toluene	43	1.6		mg/Kg	50	8/13/2022 12:02:00 PM	B90227
Ethylbenzene	11	0.16		mg/Kg	5	8/12/2022 11:01:00 AM	B90227
Xylenes, Total	86	3.2		mg/Kg	50	8/13/2022 12:02:00 PM	B90227
Surr: 4-Bromofluorobenzene	173	70-130	S	%Rec	5	8/12/2022 11:01:00 AM	B90227

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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Analytical Report

Lab Order 2208799

Hall Environmental Analysis Laboratory, Inc. Date Reported: 8/17/2022

CLIENT: ENSOLUM Client Sample ID: S-2

 Project:
 Jones A LS 7
 Collection Date: 8/11/2022 12:05:00 PM

 Lab ID:
 2208799-002
 Matrix: SOIL
 Received Date: 8/12/2022 6:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: JMT
Chloride	ND	60		mg/Kg	20	8/12/2022 11:39:47 AM	69461
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS					Analyst	:: SB
Diesel Range Organics (DRO)	1200	150		mg/Kg	10	8/13/2022 4:08:41 AM	69457
Motor Oil Range Organics (MRO)	2000	490		mg/Kg	10	8/13/2022 4:08:41 AM	69457
Surr: DNOP	0	21-129	S	%Rec	10	8/13/2022 4:08:41 AM	69457
EPA METHOD 8015D: GASOLINE RANGE						Analyst	:: BRM
Gasoline Range Organics (GRO)	840	16		mg/Kg	5	8/12/2022 11:21:00 AM	A90227
Surr: BFB	399	37.7-212	S	%Rec	5	8/12/2022 11:21:00 AM	A90227
EPA METHOD 8021B: VOLATILES						Analyst	:: BRM
Benzene	0.83	0.078		mg/Kg	5	8/12/2022 11:21:00 AM	B90227
Toluene	15	0.16		mg/Kg	5	8/12/2022 11:21:00 AM	B90227
Ethylbenzene	4.8	0.16		mg/Kg	5	8/12/2022 11:21:00 AM	B90227
Xylenes, Total	47	3.1		mg/Kg	50	8/13/2022 12:22:00 PM	B90227
Surr: 4-Bromofluorobenzene	157	70-130	S	%Rec	5	8/12/2022 11:21:00 AM	B90227

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 Quantitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Analytical Report

Lab Order **2208799**

Date Reported: 8/17/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: S-3

 Project:
 Jones A LS 7
 Collection Date: 8/11/2022 12:10:00 PM

 Lab ID:
 2208799-003
 Matrix: SOIL
 Received Date: 8/12/2022 6:25:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	ND	60	mg/Kg	20	8/12/2022 11:52:07 AM	69461
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	8/12/2022 5:54:39 PM	69457
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	8/12/2022 5:54:39 PM	69457
Surr: DNOP	116	21-129	%Rec	1	8/12/2022 5:54:39 PM	69457
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: BRM
Gasoline Range Organics (GRO)	ND	18	mg/Kg	5	8/12/2022 11:40:00 AM	A90227
Surr: BFB	130	37.7-212	%Rec	5	8/12/2022 11:40:00 AM	A90227
EPA METHOD 8021B: VOLATILES					Analyst	: BRM
Benzene	ND	0.090	mg/Kg	5	8/12/2022 11:40:00 AM	B90227
Toluene	ND	0.18	mg/Kg	5	8/12/2022 11:40:00 AM	B90227
Ethylbenzene	ND	0.18	mg/Kg	5	8/12/2022 11:40:00 AM	B90227
Xylenes, Total	ND	0.36	mg/Kg	5	8/12/2022 11:40:00 AM	B90227
Surr: 4-Bromofluorobenzene	93.5	70-130	%Rec	5	8/12/2022 11:40:00 AM	B90227

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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Analytical Report

Lab Order **2208799**

Date Reported: 8/17/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: S-4

 Project:
 Jones A LS 7
 Collection Date: 8/11/2022 12:15:00 PM

 Lab ID:
 2208799-004
 Matrix: SOIL
 Received Date: 8/12/2022 6:25:00 AM

Result **RL Oual Units DF** Date Analyzed **Batch** Analyses **EPA METHOD 300.0: ANIONS** Analyst: JMT Chloride ND 60 mg/Kg 20 8/12/2022 12:04:28 PM 69461 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: SB Diesel Range Organics (DRO) 150 mg/Kg 8/12/2022 6:43:47 PM 69457 Motor Oil Range Organics (MRO) 1900 490 mg/Kg 10 8/12/2022 6:43:47 PM 69457 Surr: DNOP 0 21-129 S %Rec 8/12/2022 6:43:47 PM 69457 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: BRM 8/13/2022 12:42:00 PM Gasoline Range Organics (GRO) 1100 A90227 160 mg/Kg 50 Surr: BFB 226 37.7-212 S 8/13/2022 12:42:00 PM A90227 %Rec **EPA METHOD 8021B: VOLATILES** Analyst: BRM 0.92 0.081 8/12/2022 12:00:00 PM B90227 Benzene mg/Kg 5 mg/Kg Toluene 20 1.6 8/13/2022 12:42:00 PM Ethylbenzene 8.9 0.16 mg/Kg 5 8/12/2022 12:00:00 PM B90227 Xylenes, Total 76 3.2 mg/Kg 8/13/2022 12:42:00 PM B90227 Surr: 4-Bromofluorobenzene 185 70-130 S %Rec 8/12/2022 12:00:00 PM B90227

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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Analytical Report

Lab Order **2208799**Date Reported: **8/17/2022**

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: S-5

 Project:
 Jones A LS 7
 Collection Date: 8/11/2022 12:20:00 PM

 Lab ID:
 2208799-005
 Matrix: SOIL
 Received Date: 8/12/2022 6:25:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	ND	60	mg/Kg	20	8/12/2022 12:16:49 PM	69461
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	: SB
Diesel Range Organics (DRO)	160	14	mg/Kg	1	8/12/2022 3:18:55 PM	69457
Motor Oil Range Organics (MRO)	330	48	mg/Kg	1	8/12/2022 3:18:55 PM	69457
Surr: DNOP	124	21-129	%Rec	1	8/12/2022 3:18:55 PM	69457
EPA METHOD 8015D: GASOLINE RANGE					Analyst	:: BRM
Gasoline Range Organics (GRO)	100	19	mg/Kg	5	8/12/2022 12:20:00 PM	A90227
Surr: BFB	164	37.7-212	%Rec	5	8/12/2022 12:20:00 PM	A90227
EPA METHOD 8021B: VOLATILES					Analyst	: BRM
Benzene	ND	0.095	mg/Kg	5	8/12/2022 12:20:00 PM	B90227
Toluene	0.28	0.19	mg/Kg	5	8/12/2022 12:20:00 PM	B90227
Ethylbenzene	0.55	0.19	mg/Kg	5	8/12/2022 12:20:00 PM	B90227
Xylenes, Total	4.5	0.38	mg/Kg	5	8/12/2022 12:20:00 PM	B90227
Surr: 4-Bromofluorobenzene	117	70-130	%Rec	5	8/12/2022 12:20:00 PM	B90227

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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Analytical Report

Lab Order **2208799**

Date Reported: 8/17/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: S-6

 Project:
 Jones A LS 7
 Collection Date: 8/11/2022 12:25:00 PM

 Lab ID:
 2208799-006
 Matrix: SOIL
 Received Date: 8/12/2022 6:25:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	ND	60	mg/Kg	20	8/12/2022 12:29:09 PM	69461
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: SB
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	8/12/2022 4:30:28 PM	69457
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	8/12/2022 4:30:28 PM	69457
Surr: DNOP	115	21-129	%Rec	1	8/12/2022 4:30:28 PM	69457
EPA METHOD 8015D: GASOLINE RANGE					Analyst	:: BRM
Gasoline Range Organics (GRO)	ND	3.9	mg/Kg	1	8/12/2022 12:39:00 PM	A90227
Surr: BFB	92.7	37.7-212	%Rec	1	8/12/2022 12:39:00 PM	A90227
EPA METHOD 8021B: VOLATILES					Analyst	: BRM
Benzene	ND	0.020	mg/Kg	1	8/12/2022 12:39:00 PM	B90227
Toluene	ND	0.039	mg/Kg	1	8/12/2022 12:39:00 PM	B90227
Ethylbenzene	ND	0.039	mg/Kg	1	8/12/2022 12:39:00 PM	B90227
Xylenes, Total	ND	0.079	mg/Kg	1	8/12/2022 12:39:00 PM	B90227
Surr: 4-Bromofluorobenzene	76.2	70-130	%Rec	1	8/12/2022 12:39:00 PM	B90227

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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Project:

Lab ID:

Analytical Report

Lab Order **2208799**Date Reported: **8/17/2022**

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: S-7

Jones A LS 7 **Collection Date:** 8/11/2022 12:30:00 PM 2208799-007 **Matrix:** SOIL **Received Date:** 8/12/2022 6:25:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	ND	60	mg/Kg	20	8/12/2022 12:41:29 PM	69461
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	: SB
Diesel Range Organics (DRO)	89	14	mg/Kg	1	8/12/2022 5:03:16 PM	69457
Motor Oil Range Organics (MRO)	240	47	mg/Kg	1	8/12/2022 5:03:16 PM	69457
Surr: DNOP	117	21-129	%Rec	1	8/12/2022 5:03:16 PM	69457
EPA METHOD 8015D: GASOLINE RANGE					Analyst	BRM
Gasoline Range Organics (GRO)	44	3.6	mg/Kg	1	8/12/2022 12:59:00 PM	A90227
Surr: BFB	185	37.7-212	%Rec	1	8/12/2022 12:59:00 PM	A90227
EPA METHOD 8021B: VOLATILES					Analyst	BRM
Benzene	ND	0.018	mg/Kg	1	8/12/2022 12:59:00 PM	B90227
Toluene	0.11	0.036	mg/Kg	1	8/12/2022 12:59:00 PM	B90227
Ethylbenzene	0.15	0.036	mg/Kg	1	8/12/2022 12:59:00 PM	B90227
Xylenes, Total	1.1	0.071	mg/Kg	1	8/12/2022 12:59:00 PM	B90227
Surr: 4-Bromofluorobenzene	96.8	70-130	%Rec	1	8/12/2022 12:59:00 PM	B90227

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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Analytical Report

Lab Order 2208799

Hall Environmental Analysis Laboratory, Inc. Date Reported: 8/17/2022

CLIENT: ENSOLUM Client Sample ID: S-8

 Project:
 Jones A LS 7
 Collection Date: 8/11/2022 12:35:00 PM

 Lab ID:
 2208799-008
 Matrix: SOIL
 Received Date: 8/12/2022 6:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: ЈМТ
Chloride	ND	60		mg/Kg	20	8/12/2022 12:53:50 PM	69461
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS					Analyst	: SB
Diesel Range Organics (DRO)	260	15		mg/Kg	1	8/12/2022 2:52:22 PM	69457
Motor Oil Range Organics (MRO)	270	48		mg/Kg	1	8/12/2022 2:52:22 PM	69457
Surr: DNOP	104	21-129		%Rec	1	8/12/2022 2:52:22 PM	69457
EPA METHOD 8015D: GASOLINE RANGE						Analyst	: BRM
Gasoline Range Organics (GRO)	660	16		mg/Kg	5	8/12/2022 1:19:00 PM	A90227
Surr: BFB	309	37.7-212	S	%Rec	5	8/12/2022 1:19:00 PM	A90227
EPA METHOD 8021B: VOLATILES						Analyst	: BRM
Benzene	0.31	0.080		mg/Kg	5	8/12/2022 1:19:00 PM	B90227
Toluene	9.0	0.16		mg/Kg	5	8/12/2022 1:19:00 PM	B90227
Ethylbenzene	3.8	0.16		mg/Kg	5	8/12/2022 1:19:00 PM	B90227
Xylenes, Total	36	0.32		mg/Kg	5	8/12/2022 1:19:00 PM	B90227
Surr: 4-Bromofluorobenzene	129	70-130		%Rec	5	8/12/2022 1:19:00 PM	B90227

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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Analytical Report

Lab Order **2208799**

Hall Environmental Analysis Laboratory, Inc. Date Reported: 8/17/2022

CLIENT: ENSOLUM Client Sample ID: S-9

 Project:
 Jones A LS 7
 Collection Date: 8/11/2022 12:40:00 PM

 Lab ID:
 2208799-009
 Matrix: SOIL
 Received Date: 8/12/2022 6:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analys	t: JMT
Chloride	ND	60		mg/Kg	20	8/12/2022 1:30:52 PM	69461
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					Analys	t: SB
Diesel Range Organics (DRO)	210	14		mg/Kg	1	8/12/2022 3:41:01 PM	69457
Motor Oil Range Organics (MRO)	150	48		mg/Kg	1	8/12/2022 3:41:01 PM	69457
Surr: DNOP	115	21-129		%Rec	1	8/12/2022 3:41:01 PM	69457
EPA METHOD 8015D: GASOLINE RANGE						Analys	t: BRM
Gasoline Range Organics (GRO)	90	3.1		mg/Kg	1	8/12/2022 1:39:00 PM	A90227
Surr: BFB	231	37.7-212	S	%Rec	1	8/12/2022 1:39:00 PM	A90227
EPA METHOD 8021B: VOLATILES						Analys	t: BRM
Benzene	ND	0.015		mg/Kg	1	8/12/2022 1:39:00 PM	B90227
Toluene	0.099	0.031		mg/Kg	1	8/12/2022 1:39:00 PM	B90227
Ethylbenzene	0.14	0.031		mg/Kg	1	8/12/2022 1:39:00 PM	B90227
Xylenes, Total	4.9	0.061		mg/Kg	1	8/12/2022 1:39:00 PM	B90227
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	1	8/12/2022 1:39:00 PM	B90227

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 Quantitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Analytical Report

Lab Order **2208799**Date Reported: **8/17/2022**

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: SP-1

 Project:
 Jones A LS 7
 Collection Date: 8/11/2022 12:45:00 PM

 Lab ID:
 2208799-010
 Matrix: SOIL
 Received Date: 8/12/2022 6:25:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JMT
Chloride	ND	60	mg/Kg	20	8/12/2022 1:43:13 PM	69461
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: SB
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	8/12/2022 4:29:36 PM	69457
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	8/12/2022 4:29:36 PM	69457
Surr: DNOP	108	21-129	%Rec	1	8/12/2022 4:29:36 PM	69457
EPA METHOD 8015D: GASOLINE RANGE					Analys	: BRM
Gasoline Range Organics (GRO)	ND	3.7	mg/Kg	1	8/12/2022 1:59:00 PM	A90227
Surr: BFB	101	37.7-212	%Rec	1	8/12/2022 1:59:00 PM	A90227
EPA METHOD 8021B: VOLATILES					Analys	t: BRM
Benzene	ND	0.018	mg/Kg	1	8/12/2022 1:59:00 PM	B90227
Toluene	ND	0.037	mg/Kg	1	8/12/2022 1:59:00 PM	B90227
Ethylbenzene	ND	0.037	mg/Kg	1	8/12/2022 1:59:00 PM	B90227
Xylenes, Total	ND	0.074	mg/Kg	1	8/12/2022 1:59:00 PM	B90227
Surr: 4-Bromofluorobenzene	79.5	70-130	%Rec	1	8/12/2022 1:59:00 PM	B90227

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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Analytical Report

Lab Order **2208799**

Hall Environmental Analysis Laboratory, Inc. Date Reported: 8/17/2022

CLIENT: ENSOLUM Client Sample ID: SP-2

 Project:
 Jones A LS 7
 Collection Date: 8/11/2022 12:50:00 PM

 Lab ID:
 2208799-011
 Matrix: SOIL
 Received Date: 8/12/2022 6:25:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	ND	60	mg/Kg	20	8/12/2022 1:55:33 PM	69461
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	: DGH
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	8/12/2022 1:31:50 PM	69457
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	8/12/2022 1:31:50 PM	69457
Surr: DNOP	97.5	21-129	%Rec	1	8/12/2022 1:31:50 PM	69457
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	3.2	mg/Kg	1	8/12/2022 12:10:35 PM	G90220
Surr: BFB	109	37.7-212	%Rec	1	8/12/2022 12:10:35 PM	G90220
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.016	mg/Kg	1	8/12/2022 12:10:35 PM	B90220
Toluene	ND	0.032	mg/Kg	1	8/12/2022 12:10:35 PM	B90220
Ethylbenzene	ND	0.032	mg/Kg	1	8/12/2022 12:10:35 PM	B90220
Xylenes, Total	ND	0.064	mg/Kg	1	8/12/2022 12:10:35 PM	B90220
Surr: 4-Bromofluorobenzene	102	70-130	%Rec	1	8/12/2022 12:10:35 PM	B90220

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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Analytical Report

Lab Order **2208799**Date Reported: **8/17/2022**

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: SP-3

 Project:
 Jones A LS 7
 Collection Date: 8/11/2022 12:55:00 PM

 Lab ID:
 2208799-012
 Matrix: SOIL
 Received Date: 8/12/2022 6:25:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	ND	60	mg/Kg	20	8/12/2022 2:07:54 PM	69461
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	: DGH
Diesel Range Organics (DRO)	43	15	mg/Kg	1	8/12/2022 1:45:35 PM	69457
Motor Oil Range Organics (MRO)	220	49	mg/Kg	1	8/12/2022 1:45:35 PM	69457
Surr: DNOP	101	21-129	%Rec	1	8/12/2022 1:45:35 PM	69457
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	9.8	3.6	mg/Kg	1	8/12/2022 12:34:14 PM	G90220
Surr: BFB	187	37.7-212	%Rec	1	8/12/2022 12:34:14 PM	G90220
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.018	mg/Kg	1	8/12/2022 12:34:14 PM	B90220
Toluene	ND	0.036	mg/Kg	1	8/12/2022 12:34:14 PM	B90220
Ethylbenzene	0.043	0.036	mg/Kg	1	8/12/2022 12:34:14 PM	B90220
Xylenes, Total	0.47	0.072	mg/Kg	1	8/12/2022 12:34:14 PM	B90220
Surr: 4-Bromofluorobenzene	107	70-130	%Rec	1	8/12/2022 12:34:14 PM	B90220

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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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CLIENT: ENSOLUM

Analytical Report

Lab Order **2208799**

Date Reported: 8/17/2022

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: SP-4

Project: Jones A LS 7 **Collection Date:** 8/11/2022 1:00:00 PM

Lab ID: 2208799-013 **Matrix:** SOIL **Received Date:** 8/12/2022 6:25:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: JMT
Chloride	ND	60		mg/Kg	20	8/12/2022 2:20:15 PM	69461
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS					Analyst	:: SB
Diesel Range Organics (DRO)	390	150		mg/Kg	10	8/13/2022 4:33:21 AM	69457
Motor Oil Range Organics (MRO)	1400	490		mg/Kg	10	8/13/2022 4:33:21 AM	69457
Surr: DNOP	0	21-129	S	%Rec	10	8/13/2022 4:33:21 AM	69457
EPA METHOD 8015D: GASOLINE RANGE						Analyst	: NSB
Gasoline Range Organics (GRO)	340	17		mg/Kg	5	8/12/2022 12:58:00 PM	G90220
Surr: BFB	538	37.7-212	S	%Rec	5	8/12/2022 12:58:00 PM	G90220
EPA METHOD 8021B: VOLATILES						Analyst	: NSB
Benzene	ND	0.083		mg/Kg	5	8/12/2022 12:58:00 PM	B90220
Toluene	2.4	0.17		mg/Kg	5	8/12/2022 12:58:00 PM	B90220
Ethylbenzene	1.3	0.17		mg/Kg	5	8/12/2022 12:58:00 PM	B90220
Xylenes, Total	22	0.33		mg/Kg	5	8/12/2022 12:58:00 PM	B90220
Surr: 4-Bromofluorobenzene	121	70-130		%Rec	5	8/12/2022 12:58:00 PM	B90220

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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2208799**

17-Aug-22

Client: ENSOLUM
Project: Jones A LS 7

Sample ID: MB-69461 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 69461 RunNo: 90236

Prep Date: 8/12/2022 Analysis Date: 8/12/2022 SeqNo: 3219286 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

Sample ID: LCS-69461 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 69461 RunNo: 90236

Prep Date: 8/12/2022 Analysis Date: 8/12/2022 SeqNo: 3219287 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 15 1.5 15.00 0 97.3 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 Quantitative Limit

S % Recovery outside of range due to dilution or matrix interference

B Analyte detected in the associated Method Blank

E Estimated value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2208799**

17-Aug-22

Client: ENSOLUM
Project: Jones A LS 7

Sample ID: MB-69457	SampType: MBLK	TestCode: EPA Method	8015M/D: Diesel Range Organics
Client ID: PBS	Batch ID: 69457	RunNo: 90218	
Prep Date: 8/12/2022	Analysis Date: 8/12/2022	SeqNo: 3218061	Units: mg/Kg
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit Qual
Diesel Range Organics (DRO)	ND 15		
Motor Oil Range Organics (MRO)	ND 50		
Surr: DNOP	9.7 10.00	97.3 21	129
Sample ID: LCS-69457	SampType: LCS	TestCode: EPA Method	8015M/D: Diesel Range Organics
Client ID: LCSS	Batch ID: 69457	RunNo: 90218	
Prep Date: 8/12/2022	Analysis Date: 8/12/2022	SeqNo: 3218062	Units: mg/Kg
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit Qual
Diesel Range Organics (DRO)	48 15 50.00	0 96.7 64.4	127
Surr: DNOP	4.7 5.000	94.3 21	129
Sample ID: 2208799-001AMS	SampType: MS	TestCode: EPA Method	8015M/D: Diesel Range Organics
Client ID: S-1	Batch ID: 69457	RunNo: 90218	
Prep Date: 8/12/2022	Analysis Date: 8/12/2022	SeqNo: 3218453	Units: mg/Kg
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit Qual
Diesel Range Organics (DRO)	350 15 49.46	303.8 94.0 36.1	154
Surr: DNOP	6.0 4.946	120 21	129
Sample ID: 2208799-001AMSD	SampType: MSD	TestCode: EPA Method	8015M/D: Diesel Range Organics
Client ID: S-1	Batch ID: 69457	RunNo: 90218	
Prep Date: 8/12/2022	Analysis Date: 8/12/2022	SeqNo: 3218454	Units: mg/Kg
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit Qual
Diesel Range Organics (DRO)	300 13 43.90	303.8 -12.9 36.1	154 16.1 33.9 S
Surr: DNOP	5.3 4.390	121 21	129 0 0
Sample ID: LCS-69454	SampType: LCS	TestCode: EPA Method	8015M/D: Diesel Range Organics
Client ID: LCSS	Batch ID: 69454	RunNo: 90247	
Prep Date: 8/11/2022	Analysis Date: 8/13/2022	SeqNo: 3218544	Units: %Rec
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit Qual
Surr: DNOP	3.9 5.000	78.7 21	129
Sample ID: MB-69454	SampType: MBLK	TestCode: EPA Method	8015M/D: Diesel Range Organics
Client ID: PBS	Batch ID: 69454	RunNo: 90247	
Prep Date: 8/11/2022	Analysis Date: 8/13/2022	SeqNo: 3218546	Units: %Rec
	aryoto Dato. Uriotebee	CO4110. 0210040	

Qualifiers:

Analyte

- 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 interference

Result

PQL

- B Analyte detected in the associated Method Blank
- E Estimated value

SPK value SPK Ref Val

J Analyte detected below quantitation limits

%REC

LowLimit

HighLimit

- P Sample pH Not In Range
- RL Reporting Limit

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RPDLimit

Qual

%RPD

Hall Environmental Analysis Laboratory, Inc.

WO#: **2208799** *17-Aug-22*

Client: ENSOLUM
Project: Jones A LS 7

Sample ID: MB-69454 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: **PBS** Batch ID: **69454** RunNo: **90247**

Prep Date: 8/11/2022 Analysis Date: 8/13/2022 SeqNo: 3218546 Units: %Rec

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Surr: DNOP 9.2 10.00 92.3 21 129

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 interference

B Analyte detected in the associated Method Blank

E Estimated value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

WO#: 2208799

17-Aug-22

Client: ENSOLUM Project: Jones A LS 7

Sample ID: 2208799-003ams	Samp	SampType: MS TestCode: EPA Method						line Range	•	
Client ID: S-3	Batcl	Batch ID: A90227 RunNo: 90227								
Prep Date:	Analysis [Date: 8/	12/2022	;	SeqNo: 32	218826	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	87	18	90.25	13.47	81.9	70	130			
Surr: BFB	7100		3610		196	37.7	212			
Sample ID: 2208799-003amsd	Samp	Гуре: МЅ	SD .	Tes	tCode: EF	PA Method	8015D: Gaso	line Range	•	
Client ID: S-3	Batcl	h ID: A9	0227	F	RunNo: 90	0227				
Prep Date:	Analysis [Date: 8/ *	12/2022	;	SeqNo: 32	218827	Units: mg/K	g		
Amalista	Daardt	DOL	CDKl	CDK Dat Val	0/050	1 ! ::	I limb I imit	0/ DDD	DDDI :it	0

OHORRIB. OO	Dato	D. AJ	V	•	turii 10. 3 0	V				
Prep Date:	Analysis D	oate: 8/ 1	12/2022	٤	SeqNo: 32	218827	(g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	84	18	90.25	13.47	77.7	70	130	4.44	20	
Surr: BFB	6800		3610		189	37.7	212	0	0	

Sample ID: Ics-69398 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range LCSS Client ID: Batch ID: 69398 RunNo: 90227 Prep Date: 8/10/2022 Analysis Date: 8/13/2022 SeqNo: 3218852 Units: %Rec SPK value SPK Ref Val %REC %RPD **RPDLimit** Analyte Result PQL HighLimit Qual LowLimit Surr: BFB 2000 1000 197 37.7 212

Sample ID: mb-69398	SampT	ype: MB	LK	Tes	tCode: EF	PA Method	8015D: Gasoli	ne Range			
Client ID: PBS	Batch	ID: 693	98	F	RunNo: 90)227					
Prep Date: 8/10/2022	Analysis D	ate: 8/ 1	13/2022	5	SeqNo: 32	218853	Units: %Rec				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Surr: BFB	890		1000		89.3	37.7	212				

Sample ID: mb	SampT	уре: МЕ	BLK	TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch	n ID: G9	0220	F	RunNo: 90	0220				
Prep Date:	Analysis D	ate: 8/	12/2022	9	SeqNo: 32	218937	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1100		1000		112	37.7	212			

Sample ID: 2.5ug gro lcs	SampType: LCS TestCode: EPA Method 8						8015D: Gaso	line Range	!	
Client ID: LCSS	Batch	n ID: G9	0220	220 RunNo: 90220						
Prep Date:	Analysis D	oate: 8/	12/2022	5	SeqNo: 32	218938	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	5.0	25.00	0	102	72.3	137			
Surr: BFB	2200		1000		224	37.7	212			S

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
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix interference
- Analyte detected in the associated Method Blank
- Estimated value
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RLReporting Limit

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Hall Environmental Analysis Laboratory, Inc.

WO#: 2208799 17-Aug-22

Client: ENSOLUM Project: Jones A LS 7

Sample ID: 2.5ug gro Ics SampType: LCS TestCode: EPA Method 8015D: Gasoline Range Client ID: LCSS Batch ID: A90227 RunNo: 90227 Units: mg/Kg Prep Date: Analysis Date: 8/12/2022 SeqNo: 3220278 Analyte **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Result Gasoline Range Organics (GRO) 24 5.0 25.00 0 97.7 72.3 137 Surr: BFB 2100 1000 207 37.7 212

Sample ID: mb SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range Client ID: Batch ID: A90227 PBS RunNo: 90227 Prep Date: Analysis Date: 8/12/2022 SeqNo: 3220279 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) ND 5.0

Surr: BFB

910

1000

91.3

37.7

212

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
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix interference
- Analyte detected in the associated Method Blank
- Estimated value
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RLReporting Limit

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Hall Environmental Analysis Laboratory, Inc.

SampType: MS

WO#: 2208799

17-Aug-22

Client: ENSOLUM Project: Jones A LS 7

Sample ID: 2208799-005ams

	•	•								
Client ID: S-5	Batch ID: B90227 RunNo: 90227									
Prep Date:	Analysis [Date: 8/	12/2022	5	SeqNo: 3	218879	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	3.1	0.095	3.794	0	82.2	68.8	120			
Toluene	3.4	0.19	3.794	0.2838	82.5	73.6	124			
Ethylbenzene	3.7	0.19	3.794	0.5508	83.5	72.7	129			
Xylenes, Total	14	0.38	11.38	4.461	81.9	75.7	126			
Surr: 4-Bromofluorobenzene	4.3		3.794		113	70	130			
Sample ID: 2208799-005amsd	Samp ⁻	Туре: М\$	SD	Tes	tCode: El	PA Method	8021B: Volati	les		
Client ID: S-5	Batc	h ID: B9	0227	F	RunNo: 9	0227				
Prep Date:	Analysis [Date: 8/	12/2022	5	SeqNo: 3	218880	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	2.9	0.095	3.794	0	77.7	68.8	120	5.62	20	
Toluene	3.2	0.19	3.794	0.2838	77.5	73.6	124	5.71	20	
Ethylbenzene	3.5	0.19	3.794	0.5508	78.4	72.7	129	5.34	20	
Xylenes, Total	13	0.38	11.38	4.461	76.4	75.7	126	4.68	20	
Surr: 4-Bromofluorobenzene	4.1		3.794		109	70	130	0	0	
Sample ID: mb-69398	Samp	Туре: МЕ	BLK	Tes	tCode: El	PA Method	8021B: Volati	les		
Client ID: PBS	Batc	h ID: 69 :	398	F	RunNo: 9	0227				
Prep Date: 8/10/2022	Analysis [Date: 8/	13/2022	5	SeqNo: 3	218906	Units: %Red	;		

TestCode: EPA Method 8021B: Volatiles

Sample ID: mb-69398	SampType: MBLK	TestCode: EPA Method	I 8021B: Volatiles
Client ID: PBS	Batch ID: 69398	RunNo: 90227	
Prep Date: 8/10/2022	Analysis Date: 8/13/2022	SeqNo: 3218906	Units: %Rec
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit Qual
Surr: 4-Bromofluorobenzene	0.81 1.000	80.6 70	130

Sample ID: mb	Samp1	уре: МЕ	BLK	Tes	TestCode: EPA Method 8021B: Volatiles					
Client ID: PBS	Batcl	Batch ID: B90220			RunNo: 90220					
Prep Date:	Analysis D	Date: 8/	12/2022	5	SeqNo: 32	218998	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								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.0		1.000		102	70	130			

Sample ID: 100ng btex Ics	SampType: LCS	TestCode: EPA Method 8021B: Volati	les
Client ID: LCSS	Batch ID: B90220	RunNo: 90220	
Prep Date:	Analysis Date: 8/12/2022	SeqNo: 3218999 Units: mg/K	g
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
- Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix interference
- Analyte detected in the associated Method Blank
- Estimated value
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2208799** *17-Aug-22*

Client: ENSOLUM
Project: Jones A LS 7

Sample ID: 100ng btex Ics	SampType: LCS TestCode: EPA Method 80					8021B: Volati	les			
Client ID: LCSS	Batc	h ID: B9 (0220	RunNo: 90220						
Prep Date:	Analysis [Date: 8/ 1	12/2022	9	SeqNo: 32	218999	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.97	0.025	1.000	0	97.4	80	120			
Toluene	1.0	0.050	1.000	0	99.5	80	120			
Ethylbenzene	1.0	0.050	1.000	0	99.6	80	120			
Xylenes, Total	3.0	0.10	3.000	0	98.7	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		104	70	130			

Sample ID: 100ng btex Ics	Samp	Гуре: LC	S	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: LCSS	Batc	h ID: B9	0227	F	RunNo: 90	0227				
Prep Date:	Analysis [Date: 8/	12/2022	5	SeqNo: 32	220280	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.82	0.025	1.000	0	82.3	80	120			
Toluene	0.84	0.050	1.000	0	84.0	80	120			
Ethylbenzene	0.85	0.050	1.000	0	84.8	80	120			
Xylenes, Total	2.5	0.10	3.000	0	84.8	80	120			
Surr: 4-Bromofluorobenzene	0.86		1.000		86.3	70	130			

Sample ID: mb	Samp	Гуре: МЕ	BLK	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: PBS	Batcl	h ID: B9	0227	F	RunNo: 90	0227				
Prep Date:	Analysis [Date: 8/	12/2022	9	SeqNo: 32	220281	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								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.85		1.000		84.6	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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory 4901 Hawkins NE

Sample Log-In Check List

Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

Client Name: ENSOLUM	Work Order Number: 2	220	8799			RcptNo: 1	
Received By: Juan Rojas 8/	12/2022 6:25:00 AM			Llan	reng s		
Completed By: Juan Rojas 8/	12/2022 6:31:44 AM			Luan	A.S		
Reviewed By: By 8/12/22				2	407		
Chain of Custody							
1. Is Chain of Custody complete?	1	es/	~	No		Not Present	
2. How was the sample delivered?	9	Cou	rier				
Log In							
3. Was an attempt made to cool the samples?	Y	es	V	No		NA 🗔	
4. Were all samples received at a temperature of >	0° C to 6.0°C	es	V	No		NA 🗆	
5. Sample(s) in proper container(s)?	Y	es	•	No			
6. Sufficient sample volume for indicated test(s)?	Y	es	~	No			
7. Are samples (except VOA and ONG) properly pre	eserved? Ye	es	~	No			
8. Was preservative added to bottles?	Ye	es		No	v	NA 🗆	
9. Received at least 1 vial with headspace <1/4" for	AQ VOA? Ye	es		No		NA 🗹	
0. Were any sample containers received broken?	Y	es		No	y	# of preserved	
11. Does paperwork match bottle labels?	Ye	es	v	No		bottles checked for pH:	
(Note discrepancies on chain of custody) 2. Are matrices correctly identified on Chain of Cust	adu2 V			112		(<2 or >12 unless no Adjusted?	oted)
3. Is it clear what analyses were requested?		es es	V	No No	Н	ridjusted:	
4. Were all holding times able to be met? (If no, notify customer for authorization.)		es		No		Checked by: Tn 8/1	2/2
Special Handling (if applicable)							
15. Was client notified of all discrepancies with this c	rder? Y	es		No		NA 🗸	
Person Notified:	Date				_		
By Whom:	Via: ☐ €	Ma	il 🗇 l	Phone	Fax	In Person	
Regarding:						- 20 (1/03/15)	
Client Instructions:		_					
6. Additional remarks:							
7. Cooler Information							
	tact Seal No Seal	Da	ite	Signed E	3v		

Client:	Enso	lum,L	LC S. Rio Grande Suite A		Rush e: A LS =	SAME DAY 1 1056		49	01 H	A	N/ www	AL /.halle	YS envir	IS	L	AE al.co	OF	EN [*]		
	W	87411	٥	Project #:	enotes			Te	el. 50	5-34	5-39	_	_	_			4107	-		-
CTVP-TWO	r Fax#: _} Package:			Project Mana	iger: KSuvv	renn	4s (8021)	(O / MRO)	PCB's		8270SIMS		PO ₄ , SO ₄	SIS F	Keq	(Present/Absent)				
Accredi	AC	□ Az Co	ompliance r	Sampler: R On Ice: # of Coolers: Cooler Temp	1	1 No (°C)	MTBE/ TMB	5D(GRO / DRO	Pesticides/8082	thod 504.1)	능	1.37	Br, NO ₃ , NO ₂ ,	(A)	(Semi-VOA)	Coliform (Prese	ride			
Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type		BTEX / I	TPH:8015D(GRO	8081 Pes	EDB (Method	PAHs by 8310 or	2	Cl, F, Br	8260 (VOA)	8270 (Se	Total Col	Chlo,			
8/11/22	1200	S	8-1	1×402 Jer	cool	-601	X	X					4				X			
8/11/22	1205	S	S-2	1×462 Jer	cool	-002	X	X	× = ,				4				X			
8/11/22	1210	S	8-3	1x402 Jar	0001	-003	X	X					4		_		X			
8/11/22		S	S-4	1x 402 Jar	0001	-004	X	X		-	-	-	+	-		=	X			-
	1220	S	S-5	1x402 Jar	cool	-005	X	X		=	-	-	-	-		_	X			-
	1225	S	5-6	1x402 Ju		-006	X	X	-		-	-	+	-		-	X			-
1. 1	-1230	10	S-7	1×402 Jer		-007	X	X		+	-	+	-	+	-	-	X			
	- 1235 - 1240	<u>S</u>	S-8 5-9	1x402 Jar	(00)	-005	X	X									$\hat{\mathbf{x}}$			
Date: 11 22	Time: -1524 Time: 1863	Relinquish	Dho	Received by:	Via: Via:	Date Time 1 22 1524 Date Time 8 12 22 6.175	Rer SA	M F	3		PI	M- ny k	To	- F	Los 2B	ng Zia	(EP	BQD,)	

Client:	Enso	lumpl	ustody Record CC S. Cio Gando Suite A	□ Standard Project Name	Rush e: A LS =	54ME DAY 1086 #7		49	01 H:	A	NA ww.l	LY	SIS oviron	S L	AE tal.co	301	IEN RAT		100
	ecin		7410	Project #: Se	e notes				el. 50			5		505-	-345-	4107		781	-
email or	Fax#: Package:		Devel 4 (Full Validation)	Project Mana	iger: KSWY	imus	¥s (8021)	(O / MRO)	PCB's		8270SIMS	PO, SO,	Ť						
Accredit NEL/	AC	□ Az C	ompliance r	On Ice: # of Coolers:		₽No	-MTBE/ TMB's	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082			NO. NO.	5	ni-VOA)	Total Coliform (Present/Absent)	ride			
Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type		BTEX/₩	TPH:8015	8081 Pest	EDB (Met	PAHs by 8310 or	CI F Br NO.	8260 (VOA)	8270 (Semi-VOA)	Total Colif	Chloride			
111/22	1245	3	SP-1	1×402 Jar	(60)	-010	X	X								X			
11/22	1250	S	SP-2	14 402 Ter	cool	-011	X	X								X			
14/22	1255	S	SP-3	1+402 Tar	coul	-012	X	X								X			
111/22	-1300	S	SP-4	1 x 462 Jer	(00)	-013	×	X								X	+		
																	F		
Date:	Time:	Relinquist	wally	Received by:	Via	Date Time	100	narks Mi				PM	- Ti	5m	LORR	ng	(thi	\$0D))
ate:	Time: \803	Relinguist	Met to alt	Received by:	Via:	Date Time 8/12/72 6:25		DA	7					,					



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

August 22, 2022

Kyle Summers
ENSOLUM
606 S. Rio Grande Suite A
Aztec, NM 87410
TEL: (903) 821-5603

FAX

RE: Jones A LS 7 OrderNo.: 2208A03

Dear Kyle Summers:

Hall Environmental Analysis Laboratory received 4 sample(s) on 8/17/2022 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 Freeman

Laboratory Manager

Indes

4901 Hawkins NE

Albuquerque, NM 87109

Date Reported: 8/22/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM Client Sample ID: S-10

 Project:
 Jones A LS 7
 Collection Date: 8/16/2022 12:00:00 PM

 Lab ID:
 2208A03-001
 Matrix: SOIL
 Received Date: 8/17/2022 6:30:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: NAI
Chloride	ND	61	mg/Kg	20	8/17/2022 10:34:03 AM	69557
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	DGH
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	8/17/2022 11:15:12 AM	69549
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	8/17/2022 11:15:12 AM	69549
Surr: DNOP	105	21-129	%Rec	1	8/17/2022 11:15:12 AM	69549
EPA METHOD 8015D: GASOLINE RANGE					Analyst	BRM
Gasoline Range Organics (GRO)	ND	3.4	mg/Kg	1	8/17/2022 12:09:00 PM	A90339
Surr: BFB	103	37.7-212	%Rec	1	8/17/2022 12:09:00 PM	A90339
EPA METHOD 8021B: VOLATILES					Analyst	: BRM
Benzene	ND	0.017	mg/Kg	1	8/17/2022 12:09:00 PM	B90339
Toluene	ND	0.034	mg/Kg	1	8/17/2022 12:09:00 PM	B90339
Ethylbenzene	ND	0.034	mg/Kg	1	8/17/2022 12:09:00 PM	B90339
Xylenes, Total	ND	0.069	mg/Kg	1	8/17/2022 12:09:00 PM	B90339
Surr: 4-Bromofluorobenzene	99.7	70-130	%Rec	1	8/17/2022 12:09:00 PM	B90339

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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 8/22/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM Client Sample ID: S-11

 Project:
 Jones A LS 7
 Collection Date: 8/16/2022 12:05:00 PM

 Lab ID:
 2208A03-002
 Matrix: SOIL
 Received Date: 8/17/2022 6:30:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: NAI
Chloride	ND	60	mg/Kg	20	8/17/2022 10:46:27 AM	69557
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	: DGH
Diesel Range Organics (DRO)	22	15	mg/Kg	1	8/17/2022 11:38:59 AM	69549
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	8/17/2022 11:38:59 AM	69549
Surr: DNOP	103	21-129	%Rec	1	8/17/2022 11:38:59 AM	69549
EPA METHOD 8015D: GASOLINE RANGE					Analyst	BRM
Gasoline Range Organics (GRO)	ND	3.5	mg/Kg	1	8/17/2022 12:28:00 PM	A90339
Surr: BFB	104	37.7-212	%Rec	1	8/17/2022 12:28:00 PM	A90339
EPA METHOD 8021B: VOLATILES					Analyst	BRM
Benzene	ND	0.018	mg/Kg	1	8/17/2022 12:28:00 PM	B90339
Toluene	ND	0.035	mg/Kg	1	8/17/2022 12:28:00 PM	B90339
Ethylbenzene	ND	0.035	mg/Kg	1	8/17/2022 12:28:00 PM	B90339
Xylenes, Total	ND	0.071	mg/Kg	1	8/17/2022 12:28:00 PM	B90339
Surr: 4-Bromofluorobenzene	102	70-130	%Rec	1	8/17/2022 12:28:00 PM	B90339

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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 2 of 7

Date Reported: 8/22/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM Client Sample ID: S-12

 Project:
 Jones A LS 7
 Collection Date: 8/16/2022 12:10:00 PM

 Lab ID:
 2208A03-003
 Matrix: SOIL
 Received Date: 8/17/2022 6:30:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: NAI
Chloride	ND	61	mg/Kg	20	8/17/2022 11:23:41 AM	69557
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	DGH
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	8/17/2022 12:02:51 PM	69549
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	8/17/2022 12:02:51 PM	69549
Surr: DNOP	99.6	21-129	%Rec	1	8/17/2022 12:02:51 PM	69549
EPA METHOD 8015D: GASOLINE RANGE					Analyst	BRM
Gasoline Range Organics (GRO)	ND	5.1	mg/Kg	1	8/17/2022 12:48:00 PM	A90339
Surr: BFB	105	37.7-212	%Rec	1	8/17/2022 12:48:00 PM	A90339
EPA METHOD 8021B: VOLATILES					Analyst	BRM
Benzene	ND	0.025	mg/Kg	1	8/17/2022 12:48:00 PM	B90339
Toluene	ND	0.051	mg/Kg	1	8/17/2022 12:48:00 PM	B90339
Ethylbenzene	ND	0.051	mg/Kg	1	8/17/2022 12:48:00 PM	B90339
Xylenes, Total	ND	0.10	mg/Kg	1	8/17/2022 12:48:00 PM	B90339
Surr: 4-Bromofluorobenzene	101	70-130	%Rec	1	8/17/2022 12:48:00 PM	B90339

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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Date Reported: 8/22/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM Client Sample ID: S-13

 Project:
 Jones A LS 7
 Collection Date: 8/16/2022 12:15:00 PM

 Lab ID:
 2208A03-004
 Matrix: SOIL
 Received Date: 8/17/2022 6:30:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: NAI
Chloride	ND	60	mg/Kg	20	8/17/2022 11:36:06 AM	69557
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	: DGH
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	8/17/2022 12:26:36 PM	69549
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	8/17/2022 12:26:36 PM	69549
Surr: DNOP	97.6	21-129	%Rec	1	8/17/2022 12:26:36 PM	69549
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: BRM
Gasoline Range Organics (GRO)	ND	3.8	mg/Kg	1	8/17/2022 1:08:00 PM	A90339
Surr: BFB	106	37.7-212	%Rec	1	8/17/2022 1:08:00 PM	A90339
EPA METHOD 8021B: VOLATILES					Analyst	:: BRM
Benzene	ND	0.019	mg/Kg	1	8/17/2022 1:08:00 PM	B90339
Toluene	ND	0.038	mg/Kg	1	8/17/2022 1:08:00 PM	B90339
Ethylbenzene	ND	0.038	mg/Kg	1	8/17/2022 1:08:00 PM	B90339
Xylenes, Total	ND	0.075	mg/Kg	1	8/17/2022 1:08:00 PM	B90339
Surr: 4-Bromofluorobenzene	103	70-130	%Rec	1	8/17/2022 1:08:00 PM	B90339

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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

22-Aug-22

2208A03

WO#:

Client: ENSOLUM
Project: Jones A LS 7

Sample ID: MB-69557 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 69557 RunNo: 90334

Prep Date: 8/17/2022 Analysis Date: 8/17/2022 SeqNo: 3224202 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

Sample ID: LCS-69557 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 69557 RunNo: 90334

Prep Date: 8/17/2022 Analysis Date: 8/17/2022 SeqNo: 3224203 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 14 1.5 15.00 0 95.4 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 interference

B Analyte detected in the associated Method Blank

E Estimated value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 5 of 7

Hall Environmental Analysis Laboratory, Inc.

#: 2208A03 22-Aug-22

WO#:

Client: ENSOLUM
Project: Jones A LS 7

Sample ID: 2.5ug gro Ics SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: A90339 RunNo: 90339

Prep Date: Analysis Date: 8/17/2022 SeqNo: 3223655 Units: mg/Kg

Analyte PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Result Gasoline Range Organics (GRO) 0 26 5.0 25.00 104 72.3 137 Surr: BFB 2100 1000 212 37.7 212 S

Sample ID: mb SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: A90339 RunNo: 90339

Prep Date: Analysis Date: 8/17/2022 SeqNo: 3223656 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Gasoline Range Organics (GRO) ND 5.0

Surr: BFB 990 1000 99.1 37.7 212

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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

#: 2208A03 22-Aug-22

WO#:

Client: ENSOLUM
Project: Jones A LS 7

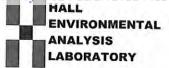
Sample ID: 100ng btex Ics	SampT	ype: LC	s	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: LCSS	Batcl	n ID: B9	0339	F	RunNo: 9	0339				
Prep Date:	Analysis D	Date: 8/	17/2022	S	SeqNo: 3	223685	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.86	0.025	1.000	0	85.8	80	120			
Toluene	0.88	0.050	1.000	0	87.6	80	120			
Ethylbenzene	0.88	0.050	1.000	0	88.5	80	120			
Xylenes, Total	2.6	0.10	3.000	0	88.0	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		99.8	70	130			

Sample ID: mb	Samp1	Гуре: МЕ	BLK	Tes	tCode: E	PA Method	8021B: Volat	tiles		
Client ID: PBS	Batcl	h ID: B9	0339	F	RunNo: 9	0339				
Prep Date:	Analysis D	Date: 8/	17/2022	S	SeqNo: 3	223686	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								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.0		1.000		99.7	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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107

Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name:	ENSOLUM	Work Order Nun	nber: 220	8A03		RcptNo: 1
Received By:	Juan Rojas	8/17/2022 6:30:00	AM		Juan Engl	
Completed By:	Juan Rojas	8/17/2022 6:50:22	AM		Granay	
Reviewed By:	IO	8/17/22				
Chain of Cus	tody					
1. Is Chain of Cu	stody complete?		Yes	V	No 🗌	Not Present
2. How was the	sample delivered?		Cou	rier		
Log In						
3. Was an attem	pt made to cool the sar	nples?	Yes	•	No 🗌	NA \square
4. Were all samp	les received at a tempe	rature of >0° C to 6.0°C	Yes	•	No 🗌	NA 🗆
5. Sample(s) in p	roper container(s)?		Yes	✓	No 🗆	
6. Sufficient samp	ole volume for indicated	test(s)?	Yes	~	No 🗆	
7. Are samples (e	xcept VOA and ONG)	properly preserved?	Yes	~	No 🗌	
Was preservati	ve added to bottles?		Yes		No 🗸	NA 🗆
9. Received at lea	st 1 vial with headspac	e <1/4" for AQ VOA?	Yes		No 🗌	NA 🔽
0. Were any sam	ple containers received	broken?	Yes		No 🗹	# of preserved
	k match bottle labels?	(v)	Yes	V	No 🗆	bottles checked for pH: (<2 or >12 unless noted)
	rrectly identified on Ch		Yes	~	No 🗌	Adjusted?
	analyses were requeste			~	No 🗌	
4. Were all holding (If no, notify cus	g times able to be met? stomer for authorization	Š	Yes	~	No 🗆	checked by: JNS17/2
	ng (if applicable)	•			1	
	fied of all discrepancies	with this order?	Yes		No 🗌	NA 🔽
Person N	otified:	Date				
By Whom	u T	Via:	eMa	il 🔲 P	hone Fax	In Person
Regarding	g:					
Client Ins	tructions:					
6. Additional rema	arks:					
7. Cooler Inform	ation					
Cooler No	Temp °C Condition	Seal Intact Seal No	Seal Da		Signed By	

Released to Imaging: 12/9/2022 10:52:17 A



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

August 23, 2022

Kyle Summers

ENSOLUM

606 S. Rio Grande Suite A

Aztec, NM 87410

TEL: (903) 821-5603

FAX:

RE: Jones A LS 7 OrderNo.: 2208B90

Dear Kyle Summers:

Hall Environmental Analysis Laboratory received 2 sample(s) on 8/19/2022 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 Freeman

Laboratory Manager

Indes

4901 Hawkins NE

Albuquerque, NM 87109

Date Reported: 8/23/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM Client Sample ID: S-14

 Project:
 Jones A LS 7
 Collection Date: 8/18/2022 11:30:00 AM

 Lab ID:
 2208B90-001
 Matrix: SOIL
 Received Date: 8/19/2022 6:35:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	:: JTT
Chloride	ND	60	mg/Kg	20	8/19/2022 11:22:12 AM	69629
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: DGH
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	8/19/2022 10:35:58 AM	69628
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	8/19/2022 10:35:58 AM	69628
Surr: DNOP	83.5	21-129	%Rec	1	8/19/2022 10:35:58 AM	69628
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	19	mg/Kg	5	8/19/2022 10:15:54 AM	B90417
Surr: BFB	106	37.7-212	%Rec	5	8/19/2022 10:15:54 AM	B90417
EPA METHOD 8021B: VOLATILES					Analyst	:: NSB
Benzene	ND	0.097	mg/Kg	5	8/19/2022 10:15:54 AM	D90417
Toluene	ND	0.19	mg/Kg	5	8/19/2022 10:15:54 AM	D90417
Ethylbenzene	ND	0.19	mg/Kg	5	8/19/2022 10:15:54 AM	D90417
Xylenes, Total	ND	0.39	mg/Kg	5	8/19/2022 10:15:54 AM	D90417
Surr: 4-Bromofluorobenzene	96.7	70-130	%Rec	5	8/19/2022 10:15:54 AM	D90417

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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 1 of 6

Date Reported: 8/23/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM Client Sample ID: S-15

 Project:
 Jones A LS 7
 Collection Date: 8/18/2022 11:35:00 AM

 Lab ID:
 2208B90-002
 Matrix: SOIL
 Received Date: 8/19/2022 6:35:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	:: JTT
Chloride	ND	59	mg/Kg	20	8/19/2022 11:34:37 AM	69629
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analys	: DGH
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	8/19/2022 10:50:10 AM	69628
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	8/19/2022 10:50:10 AM	69628
Surr: DNOP	87.2	21-129	%Rec	1	8/19/2022 10:50:10 AM	69628
EPA METHOD 8015D: GASOLINE RANGE					Analys	: NSB
Gasoline Range Organics (GRO)	ND	15	mg/Kg	5	8/19/2022 10:39:26 AM	B90417
Surr: BFB	110	37.7-212	%Rec	5	8/19/2022 10:39:26 AM	B90417
EPA METHOD 8021B: VOLATILES					Analys	: NSB
Benzene	ND	0.077	mg/Kg	5	8/19/2022 10:39:26 AM	D90417
Toluene	ND	0.15	mg/Kg	5	8/19/2022 10:39:26 AM	D90417
Ethylbenzene	ND	0.15	mg/Kg	5	8/19/2022 10:39:26 AM	D90417
Xylenes, Total	ND	0.31	mg/Kg	5	8/19/2022 10:39:26 AM	D90417
Surr: 4-Bromofluorobenzene	95.1	70-130	%Rec	5	8/19/2022 10:39:26 AM	D90417

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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2208B90**

23-Aug-22

Client: ENSOLUM
Project: Jones A LS 7

Sample ID: MB-69629 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 69629 RunNo: 90418

Prep Date: **8/19/2022** Analysis Date: **8/19/2022** SeqNo: **3228072** Units: **mg/Kg**

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

Sample ID: LCS-69629 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 69629 RunNo: 90418

Prep Date: 8/19/2022 Analysis Date: 8/19/2022 SeqNo: 3228073 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 14 1.5 15.00 0 91.1 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 Quantitative Limit

S % Recovery outside of range due to dilution or matrix interference

B Analyte detected in the associated Method Blank

E Estimated value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 3 of 6

Hall Environmental Analysis Laboratory, Inc.

WO#: **2208B90**

23-Aug-22

Client: ENSOLUM
Project: Jones A LS 7

Johes A L	<i>.</i> 3 /									
Sample ID: MB-69628	SampT	ype: ME	BLK	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	Organics	
Client ID: PBS	Batch	1D: 69 6	628	F	RunNo: 90	0423				
Prep Date: 8/19/2022	Analysis D	ate: 8/	19/2022	5	SeqNo: 32	226587	Units: mg/k	ζg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	15								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	7.7		10.00		76.7	21	129			
Sample ID: LCS-69628	SampT	ype: LC	S	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	Organics	
Client ID: LCSS	Batch	n ID: 69 6	628	F	RunNo: 90	0423				
Prep Date: 8/19/2022	Analysis D	ate: 8/	19/2022	5	SeqNo: 32	226588	Units: mg/k	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	46	15	50.00	0	92.2	64.4	127			
Surr: DNOP	3.8		5.000		76.1	21	129			
Sample ID: 2208B90-001AMS	SampT	ype: MS	3	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	Organics	
Client ID: S-14	Batch	1D: 69 6	628	F	RunNo: 90	0423				
Prep Date: 8/19/2022	Analysis D	ate: 8/	19/2022	5	SeqNo: 32	226594	Units: mg/k	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	47	15	49.55	0	95.3	36.1	154			
Surr: DNOP	3.8		4.955		76.1	21	129			
Sample ID: 2208B90-001AMS E	SampT	ype: MS	BD	Tes	tCode: EF	PA Method	8015M/D: Die	esel Range	Organics	
Client ID: S-14	Batch	n ID: 69 6	628	F	RunNo: 90	0423				
Prep Date: 8/19/2022	Analysis D	ate: 8/	19/2022	S	SeqNo: 32	226595	Units: mg/k	ζg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	44	14	47.21	0	92.2	36.1	154	8.14	33.9	
Surr: DNOP	3.4		4.721							

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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 4 of 6

Hall Environmental Analysis Laboratory, Inc.

WO#:

2208B90 23-Aug-22

Client: ENSOLUM Project: Jones A LS 7

Sample ID: mb SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

PBS Client ID: Batch ID: **B90417** RunNo: 90417

Prep Date: Analysis Date: 8/19/2022 SeqNo: 3227673 Units: mq/Kq

SPK value SPK Ref Val %REC %RPD **RPDLimit** Analyte Result PQL LowLimit HighLimit Qual

Gasoline Range Organics (GRO) ND 5.0

Surr: BFB 1100 1000 113 37.7 212

Sample ID: 2.5ug gro Ics SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: **B90417** RunNo: 90417

Prep Date: Analysis Date: 8/19/2022 SeqNo: 3227674 Units: mg/Kg

Analyte Result **PQL** SPK value SPK Ref Val %REC I owl imit HighLimit %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) 26 25.00 0 103 72.3 137

Surr: BFB 2100 1000 207 37.7 212

Sample ID: 2208b90-001ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range

Client ID: Batch ID: **B90417** RunNo: 90417

Prep Date: Analysis Date: 8/19/2022 SeqNo: 3227680 Units: mg/Kg

SPK value SPK Ref Val %REC %RPD **RPDLimit** Analyte Result PQI LowLimit HighLimit Qual Gasoline Range Organics (GRO) 100 19 96.68 0 106 70 130 Surr: BFB 8000 3867 207 37.7 212

Sample ID: 2208b90-001amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range

Client ID: Batch ID: **B90417** S-14 RunNo: 90417

Prep Date: Analysis Date: 8/19/2022 SeqNo: 3227681 Units: mg/Kg

Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) 100 19 96.68 107 70 130 0.677 20 Surr: BFB 8300 3867 213 37.7 212 0 0 S

Qualifiers:

Value exceeds Maximum Contaminant Level

D Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded Н

Not Detected at the Reporting Limit

POL Practical Quanitative Limit

% Recovery outside of range due to dilution or matrix interference

Analyte detected in the associated Method Blank

Estimated value

Analyte detected below quantitation limits

Sample pH Not In Range

RL Reporting Limit Page 5 of 6

Jones A LS 7

Project:

Hall Environmental Analysis Laboratory, Inc.

WO#: **2208B90 23-Aug-22**

Client: ENSOLUM

Sample ID: mb SampType: MBLK TestCode: EPA Method 8021B: Volatiles

Client ID: **PBS** Batch ID: **D90417** RunNo: **90417**

Prep Date: Analysis Date: 8/19/2022 SeqNo: 3227719 Units: mg/Kg

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 0.95 1.000 94.8 70 130

Sample ID: 100ng btex Ics SampType: LCS TestCode: EPA Method 8021B: Volatiles Client ID: LCSS Batch ID: **D90417** RunNo: 90417 SeqNo: 3227720 Prep Date: Analysis Date: 8/19/2022 Units: mg/Kg Analyte PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual 0.025 1.000 Benzene 0.97 n 96.8 80 120 Toluene 1.0 0.050 1.000 0 99.6 80 120 Ethylbenzene 0 80 1.0 0.050 1.000 99.5 120 Xylenes, Total 3.0 0.10 3.000 0 98.7 80 120 Surr: 4-Bromofluorobenzene 0.97 1.000 96.8 70 130

Sample ID: 2208b90-002ams SampType: MS TestCode: EPA Method 8021B: Volatiles Client ID: S-15 Batch ID: **D90417** RunNo: 90417 Prep Date: Analysis Date: 8/19/2022 SeqNo: 3227726 Units: mg/Kg Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual 0.077 93.7 68.8 2.9 3.073 0.04210 120 Benzene 3.0 0.15 3.073 0.06116 97.0 73.6 124 Toluene 3.073 96.6 72.7 Ethylbenzene 3.0 0.15 0.04057 129 Xylenes, Total 9.1 0.31 9.219 0.1607 97.4 75.7 126

3.073

Sample ID: 2208b90-002amsd SampType: MSD TestCode: EPA Method 8021B: Volatiles Client ID: S-15 Batch ID: **D90417** RunNo: 90417 Prep Date: Analysis Date: 8/19/2022 SeqNo: 3227727 Units: mg/Kg **RPDLimit** Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD Qual Benzene 2.9 0.077 3.073 0.04210 94.2 68.8 120 0.535 20 Toluene 3.1 0.15 3.073 0.06116 97.7 73.6 124 0.685 20 Ethylbenzene 3.0 0.15 3.073 0.04057 97.5 72 7 129 0.884 20 9.1 0.31 9.219 0.1607 97.1 75.7 126 0.279 20 Xylenes, Total Surr: 4-Bromofluorobenzene 3.1 3.073 101 70 130 0 0

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix

Surr: 4-Bromofluorobenzene

3.1

- 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 interference
- B Analyte detected in the associated Method Blank

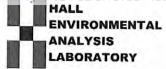
99.9

70

130

- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 6 of 6



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107

Sample Log-In Check List

ient Name: ENSOLUM Work Order Number: 2208B90 Sample Log-In Check

Website: www.hallenvironmental.com

RcptNo: 1

Chefit Name. ENSOLUM	Work Order Nu	mber: 2208	B90		RcptN	o: 1	
Received By: Juan Rojas	8/19/2022 6:35:0	0 AM		grandy			
Completed By: Juan Rojas	8/19/2022 6:48:3	4 AM		Juan Eng			
Reviewed By: NB 8/19/				7 . 2			
Chain of Custody							
1. Is Chain of Custody comple	ete?	Yes	~	No 🗆	Not Present		
2. How was the sample delive	red?	Couri	<u>er</u>				
<u>Log In</u>							
3. Was an attempt made to co	ol the samples?	Yes	~	No 🗌	NA 🗆		
4. Were all samples received a	at a temperature of >0° C to 6.0°C	Yes	v	No 🗌	NA 🗆		
5. Sample(s) in proper contain	er(s)?	Yes	v	No 🗌			
6. Sufficient sample volume for	indicated test(s)?	Yes	/	No 🗌			
7. Are samples (except VOA ar	nd ONG) properly preserved?	Yes	/	No 🗌			
8. Was preservative added to b	oottles?	Yes		No 🗸	NA 🗆		
9. Received at least 1 vial with	headspace <1/4" for AQ VOA?	Yes	Ī	No 🗌	NA 🗸		
10. Were any sample containers	s received broken?	Yes		No 🗹	# of preserved		
11. Does paperwork match bottle (Note discrepancies on chair		Yes	/	No 🗆	bottles checked for pH:	r >12 unless noted)	
12. Are matrices correctly identif	ied on Chain of Custody?	Yes	/	No 🗌	Adjusted?		
13, Is it clear what analyses were	e requested?	Yes	/	No 🗌		10011100	7.
 Were all holding times able to (If no, notify customer for aut 		Yes		No 🗆	Checked by:	728/19/2	
Special Handling (if appli				/			
15. Was client notified of all disc		Yes		No 🗌	NA 🗹		
Person Notified:	Date					7	
By Whom:	Via:	☐ eMail		Phone Fax	☐ In Person		
Regarding:							
Client Instructions:							
16. Additional remarks:							
17. Cooler Information							
Cooler No Temp °C	Condition Seal Intact Seal No	Seal Date	е	Signed By			
1 1.4	Good						

Page 198	Ensol	um, L	ustody Record	☐ Standard	Turn-Around Time: SAME OXY ☐ Standard					A	N.		YS	SIS	S L	AE	301	1EN RAT		
Mailing	Address	s: (d)(0	S. Dia Corando Birte A	Jones	A LS#7		4901 Hawkins NE - Albuquerque, NM 87109													
Az-	ecinsi	n 87	410	Froject #: Seenotes				Tel. 505-345-3975 Fax 505-345-4107 Analysis Request												
QA/QC	email or Fax#: Ksumme/s@ensolum. (&m QA/QC Package: □ Standard □ Level 4 (Full Validation Accreditation: □ Az Compliance							O / MRO)	PCB's		8270SIMS	Ī	PO ₄ , SO ₄			Coliform (Present/Absent)				
□ NEL	ccreditation: Az Compliance NELAC Other EDD (Type)			Sampler: RDeechilly On Ice: Pyes No				RO / DRO	es/8082	504.1)	ō	S	3, NO ₂ ,		OA)	(Preser	0			
	(Type)			# of Coolers: Cooler Temp		2+0-2=14 (°C)	→MTBE	TPH:8015D(GRO	Pesticides/8082	(Method 504.1)	PAHs by 8310	RCRA 8 Metals	CI, F, Br, NO ₃ ,	VOA)	8270 (Semi-VOA)	Soliform	MIGNED			
Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2208B90	BTEX	TPH:8	8081	EDB (PAHs	RCRA	CI, F,	8260 (VOA)	8270 (Total (Ch			
8 18 22	1130	3	S-14	(1) 412 Jer	COU	-001	X	X									X			
8/14/22	1135	S	S-15	(1) 402 Jar	COLA	-002	X	X									X			
AM													3					1		
22 /: 2:3																				
1/29/202	Time:	Dollaridat		2	Ni.															
pate:	Time:	Relinquish Relinquish	NIS	Received by:	Via: Via:	8/18/72 1556 Date Time	5	narks AM C		ı		PN	1- ·	TOV ey	ML-P	DNO Bá	g (E	PROF	9)	
8/12	1819	1 m	omitted to Hall Environmental may be subc	/del	Counter	8/19/22 6/35														

Released to Imaging: 12/9/2022 10:52:17 AM



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

August 26, 2022

Kyle Summers

ENSOLUM

606 S. Rio Grande Suite A

Aztec, NM 87410

TEL: (903) 821-5603

FAX:

RE: Jones A LS 7 OrderNo.: 2208D45

Dear Kyle Summers:

Hall Environmental Analysis Laboratory received 2 sample(s) on 8/23/2022 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 Freeman

Laboratory Manager

Indes

4901 Hawkins NE

Albuquerque, NM 87109

Date Reported: 8/26/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM Client Sample ID: S-16

 Project:
 Jones A LS 7
 Collection Date: 8/22/2022 11:00:00 AM

 Lab ID:
 2208D45-001
 Matrix: SOIL
 Received Date: 8/23/2022 7:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JTT
Chloride	ND	60	mg/Kg	20	8/23/2022 12:39:44 PM	69695
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	: DGH
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	8/23/2022 12:07:58 PM	69685
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	8/23/2022 12:07:58 PM	69685
Surr: DNOP	103	21-129	%Rec	1	8/23/2022 12:07:58 PM	69685
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	6.4	3.8	mg/Kg	1	8/23/2022 9:30:27 AM	G90483
Surr: BFB	152	37.7-212	%Rec	1	8/23/2022 9:30:27 AM	G90483
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.019	mg/Kg	1	8/23/2022 9:30:27 AM	B90483
Toluene	0.058	0.038	mg/Kg	1	8/23/2022 9:30:27 AM	B90483
Ethylbenzene	ND	0.038	mg/Kg	1	8/23/2022 9:30:27 AM	B90483
Xylenes, Total	0.27	0.075	mg/Kg	1	8/23/2022 9:30:27 AM	B90483
Surr: 4-Bromofluorobenzene	94.9	70-130	%Rec	1	8/23/2022 9:30:27 AM	B90483

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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 1 of 6

Date Reported: 8/26/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM Client Sample ID: S-17

 Project:
 Jones A LS 7
 Collection Date: 8/22/2022 11:05:00 AM

 Lab ID:
 2208D45-002
 Matrix: SOIL
 Received Date: 8/23/2022 7:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	:: JTT
Chloride	ND	60	mg/Kg	20	8/23/2022 12:52:09 PM	69695
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	: DGH
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	8/23/2022 12:18:38 PM	69685
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	8/23/2022 12:18:38 PM	69685
Surr: DNOP	96.7	21-129	%Rec	1	8/23/2022 12:18:38 PM	69685
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	3.6	mg/Kg	1	8/23/2022 9:53:52 AM	G90483
Surr: BFB	104	37.7-212	%Rec	1	8/23/2022 9:53:52 AM	G90483
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.018	mg/Kg	1	8/23/2022 9:53:52 AM	B90483
Toluene	ND	0.036	mg/Kg	1	8/23/2022 9:53:52 AM	B90483
Ethylbenzene	ND	0.036	mg/Kg	1	8/23/2022 9:53:52 AM	B90483
Xylenes, Total	ND	0.072	mg/Kg	1	8/23/2022 9:53:52 AM	B90483
Surr: 4-Bromofluorobenzene	89.7	70-130	%Rec	1	8/23/2022 9:53:52 AM	B90483

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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 2 of 6

Hall Environmental Analysis Laboratory, Inc.

WO#: **2208D45**

26-Aug-22

Client: ENSOLUM
Project: Jones A LS 7

Sample ID: MB-69695 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: **PBS** Batch ID: **69695** RunNo: **90492**

Prep Date: **8/23/2022** Analysis Date: **8/23/2022** SeqNo: **3232550** Units: **mg/Kg**

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

Sample ID: LCS-69695 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 69695 RunNo: 90492

Prep Date: 8/23/2022 Analysis Date: 8/23/2022 SeqNo: 3232551 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 14 1.5 15.00 0 92.4 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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 3 of 6

Hall Environmental Analysis Laboratory, Inc.

WO#: **2208D45 26-Aug-22**

Client: ENSOLUM
Project: Jones A LS 7

Sample ID: LCS-69685	SampT	ype: LC	s	Tes	tCode: EF	A Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch	ID: 69 6	85	F										
Prep Date: 8/23/2022	Analysis D	ate: 8/ 2	23/2022	9	SeqNo: 32	231313	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual				
Diesel Range Organics (DRO)	44	15	50.00	0	87.0	64.4	127							
Surr: DNOP	3.6		5.000		71.6	21	129							

Sample ID: MB-69685	Samp1	уре: МЕ	BLK	Tes	od 8015M/D: Diesel Range Organics						
Client ID: PBS	Batcl	riD: 69 €	885		J	J					
Prep Date: 8/23/2022	Analysis D	Date: 8/ 2	23/2022	5	SeqNo: 32	231315	Units: mg/K	(g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics (DRO)	ND	15									
Motor Oil Range Organics (MRO)	ND	50									
Surr: DNOP	9.5		10.00		95.0	21	129				

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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 4 of 6

Hall Environmental Analysis Laboratory, Inc.

WO#: **2208D45 26-Aug-22**

Client: ENSOLUM
Project: Jones A LS 7

Sample ID: mb SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: G90483 RunNo: 90483

Prep Date: Analysis Date: 8/23/2022 SeqNo: 3231925 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Gasoline Range Organics (GRO) ND 5.0

 Surr: BFB
 1200
 1000
 119
 37.7
 212

Sample ID: 2.5ug gro Ics SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: G90483 RunNo: 90483

Prep Date: Analysis Date: 8/23/2022 SeqNo: 3231926 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

 Gasoline Range Organics (GRO)
 25
 5.0
 25.00
 0
 102
 72.3
 137

 Surr: BFB
 2100
 1000
 209
 37.7
 212

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 Quantitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 5 of 6

Hall Environmental Analysis Laboratory, Inc.

WO#: **2208D45 26-Aug-22**

Client: ENSOLUM
Project: Jones A LS 7

Sample ID: mb SampType: MBLK TestCode: EPA Method 8021B: Volatiles

Client ID: PBS Batch ID: B90483 RunNo: 90483

Prep Date: Analysis Date: 8/23/2022 SeqNo: 3231951 Units: mg/Kg

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 Ics SampType: LCS TestCode: EPA Method 8021B: Volatiles Client ID: LCSS Batch ID: **B90483** RunNo: 90483 Prep Date: Analysis Date: 8/23/2022 SeqNo: 3231952 Units: mg/Kg Analyte PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual 1.000 Benzene 0.95 0.025 n 94.9 80 120 Toluene 0.98 0.050 1.000 0 97.8 80 120 Ethylbenzene 0 80 0.96 0.050 1.000 96.4 120 Xylenes, Total 2.9 0.10 3.000 0 95.9 80 120 Surr: 4-Bromofluorobenzene 0.94 1.000 94.5 70 130

Sample ID: 2208d45-001ams SampType: MS TestCode: EPA Method 8021B: Volatiles Client ID: S-16 Batch ID: **B90483** RunNo: 90483 Prep Date: Analysis Date: 8/23/2022 SeqNo: 3231953 Units: mg/Kg Analyte Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual 0.019 87.6 68.8 0.67 0.7502 0.01305 120 Benzene

0.74 0.038 0.7502 0.05754 91.6 73.6 124 Toluene 72.7 Ethylbenzene 0.71 0.038 0.7502 0.02783 91.0 129 Xylenes, Total 2.3 0.075 2.251 0.2704 90.4 75.7 126 97.0 Surr: 4-Bromofluorobenzene 0.73 0.7502 70 130

Sample ID: 2208d45-001amsd SampType: MSD TestCode: EPA Method 8021B: Volatiles

Client ID: S-16 Batch ID: B90483 RunNo: 90483

Prep Date:	Analysis Date: 8/23/2022			5	SeqNo: 32	231954	g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.67	0.019	0.7502	0.01305	87.3	68.8	120	0.347	20	
Toluene	0.75	0.038	0.7502	0.05754	91.9	73.6	124	0.282	20	
Ethylbenzene	0.72	0.038	0.7502	0.02783	91.9	72.7	129	0.988	20	
Xylenes, Total	2.3	0.075	2.251	0.2704	92.4	75.7	126	1.92	20	
Surr: 4-Bromofluorobenzene	0.74		0.7502		98.1	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 Quantitative Limit

S % Recovery outside of range due to dilution or matrix interference

B Analyte detected in the associated Method Blank

E Estimated value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 6 of 6



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107

Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: **ENSOLUM** Work Order Number: 2208D45 RcptNo: 1 Received By: Juan Rojas 8/23/2022 7:00:00 AM Completed By: Juan Rojas 8/23/2022 7:16:11 AM Reviewed By: NB 8/23/27 Chain of Custody 1. Is Chain of Custody complete? Yes V No 📗 Not Present 2. How was the sample delivered? Courier Log In 3. Was an attempt made to cool the samples? Yes V No _ NA Were all samples received at a temperature of >0° C to 6.0°C No _ Yes V NA 🗌 Sample(s) in proper container(s)? Yes 🗸 No _ 6. Sufficient sample volume for indicated test(s)? No . Yes V 7. Are samples (except VOA and ONG) properly preserved? 8. Was preservative added to bottles? Yes __ No V NA 🗌 9. Received at least 1 vial with headspace <1/4" for AQ VOA? No . NA V 10. Were any sample containers received broken? No 🗸 Yes # of preserved bottles checked 11. Does paperwork match bottle labels? No 🗌 Yes for pH: (Note discrepancies on chain of custody) (<2 or >12 unless noted) 12. Are matrices correctly identified on Chain of Custody? No 🗌 Adjusted? 13. Is it clear what analyses were requested? Yes V No _ 14. Were all holding times able to be met? Yes 🗸 Checked by: No _ (If no, notify customer for authorization.) Special Handling (if applicable) 15. Was client notified of all discrepancies with this order? Yes 🗌 No NA V Person Notified: Date By Whom: eMail Phone Fax In Person Via: Regarding: Client Instructions: 16. Additional remarks: 17. Cooler Information Cooler No Temp °C Condition Seal Intact Seal No Seal Date Signed By 1 0.7 Good

eleased to Imaging: 12/9/2022 10:52:17 Al



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

September 08, 2022

Kyle Summers
ENSOLUM
606 S. Rio Grande Suite A
Aztec, NM 87410
TEL: (903) 821-5603

FAX:

RE: Jones A LS 7 OrderNo.: 2209144

Dear Kyle Summers:

Hall Environmental Analysis Laboratory received 1 sample(s) on 9/3/2022 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 Freeman

Laboratory Manager

andy

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report Lab Order 2209144

Date Reported: 9/8/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM Client Sample ID: S-18

 Project:
 Jones A LS 7
 Collection Date: 9/2/2022 9:00:00 AM

 Lab ID:
 2209144-001
 Matrix: SOIL
 Received Date: 9/3/2022 9:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	NAI
Chloride	ND	61	mg/Kg	20	9/6/2022 11:21:43 AM	69971
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	DGH
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	9/6/2022 10:26:14 AM	69963
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	9/6/2022 10:26:14 AM	69963
Surr: DNOP	82.5	21-129	%Rec	1	9/6/2022 10:26:14 AM	69963
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	ND	24	mg/Kg	5	9/6/2022 9:20:35 AM	69961
Surr: BFB	99.4	37.7-212	%Rec	5	9/6/2022 9:20:35 AM	69961
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.12	mg/Kg	5	9/6/2022 9:20:35 AM	69961
Toluene	ND	0.24	mg/Kg	5	9/6/2022 9:20:35 AM	69961
Ethylbenzene	ND	0.24	mg/Kg	5	9/6/2022 9:20:35 AM	69961
Xylenes, Total	ND	0.48	mg/Kg	5	9/6/2022 9:20:35 AM	69961
Surr: 4-Bromofluorobenzene	90.7	70-130	%Rec	5	9/6/2022 9:20:35 AM	69961

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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 1 of 5

Hall Environmental Analysis Laboratory, Inc.

WO#: **2209144** *08-Sep-22*

Client: ENSOLUM
Project: Jones A LS 7

Sample ID: MB-69971 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 69971 RunNo: 90821

Prep Date: 9/6/2022 Analysis Date: 9/6/2022 SeqNo: 3247546 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

Sample ID: LCS-69971 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 69971 RunNo: 90821

Prep Date: 9/6/2022 Analysis Date: 9/6/2022 SeqNo: 3247547 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 14 1.5 15.00 0 93.5 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 interference

B Analyte detected in the associated Method Blank

E Estimated value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

Analysis Date: 9/6/2022

PQL

14

Result

36

3.1

WO#: **2209144**

08-Sep-22

Client: ENSOLUM
Project: Jones A LS 7

Prep Date: 9/6/2022

Diesel Range Organics (DRO)

Surr: DNOP

Sample ID: LCS-69963	SampT	SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics									
Client ID: LCSS	Batch	n ID: 69 9	963	F	RunNo: 9	0816					
Prep Date: 9/6/2022	Analysis D	oate: 9/	6/2022	S	SeqNo: 3	246556	Units: mg/k	(g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics (DRO)	33	15	50.00	0	66.1	64.4	127				
Surr: DNOP	3.1		5.000		62.4	21	129				
Sample ID: MB-69963	SampT	уре: МЕ	BLK	Tes	tCode: El	PA Method	8015M/D: Di	esel Range	e Organics		
Client ID: PBS	Batch	Batch ID: 69963 RunNo: 90816									
Prep Date: 9/6/2022	Analysis D	ate: 9/	6/2022	S	SeqNo: 3	246558	Units: mg/k	(g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics (DRO)	ND	15									
Motor Oil Range Organics (MRO)	ND	50									
Surr: DNOP	7.7		10.00		77.0	21	129				
Sample ID: 2209144-001AMS	SampT	уре: МS	3	Tes	tCode: El	PA Method	8015M/D: Di	esel Range	e Organics	·	
1											

Sample ID: 2209144-001AMSD	SampTy	/pe: MS	SD .	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: S-18	Batch	ID: 69 9	963	RunNo: 90816								
Prep Date: 9/6/2022	te: 9/6/2022 Analysis Date: 9/6/2022			S	eqNo: 32	246575	Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Diesel Range Organics (DRO)	33	14	46.08	0	71.6	36.1	154	8.04	33.9			
Surr: DNOP	3.0		4.608		64.6	21	129	0	0			

SPK value SPK Ref Val %REC

0

45.66

4.566

SeqNo: 3246573

78.3

68.8

LowLimit

36.1

21

Units: mg/Kg

154

129

%RPD

RPDLimit

Qual

HighLimit

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

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2209144** *08-Sep-22*

Client: ENSOLUM
Project: Jones A LS 7

Sample ID: mb-69961 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: 69961 RunNo: 90809

Prep Date: 9/4/2022 Analysis Date: 9/6/2022 SeqNo: 3246744 Units: mq/Kq

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Gasoline Range Organics (GRO) ND 5.0

Surr: BFB 960 1000 95.8 37.7 212

Sample ID: 2209144-001ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range

Client ID: S-18 Batch ID: 69961 RunNo: 90809

Prep Date: 9/4/2022 Analysis Date: 9/6/2022 SeqNo: 3246747 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) 25 25 24.85 O 100 70 130

117

37.7

212

Sample ID: 2209144-001amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range

4970

Client ID: S-18 Batch ID: 69961 RunNo: 90809

5800

Prep Date: 9/4/2022 Analysis Date: 9/6/2022 SeqNo: 3246748 Units: mg/Kg

Result SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Analyte PQL LowLimit Qual Gasoline Range Organics (GRO) 25 25 24.83 0 100 70 130 0.0994 20 Surr: BFB 0 5900 4965 118 37.7 212

Sample ID: Ics-69961 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 69961 RunNo: 90809

Prep Date: 9/4/2022 Analysis Date: 9/6/2022 SeqNo: 3246836 Units: mg/Kg

Result SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** PQL LowLimit Qual Gasoline Range Organics (GRO) 26 5.0 25.00 102 72.3 137 Surr: BFB 2000 1000 197 37.7 212

Qualifiers:

Surr: BFB

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 interference

B Analyte detected in the associated Method Blank

E Estimated value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2209144**

08-Sep-22

Client: ENSOLUM
Project: Jones A LS 7

Sample ID: mb-69961 SampType: MBLK TestCode: EPA Method 8021B: Volatiles

Client ID: PBS Batch ID: 69961 RunNo: 90809

Prep Date: 9/4/2022 Analysis Date: 9/6/2022 SeqNo: 3246793 Units: mg/Kg

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 0.90 1.000 90.5 70 130

Sample ID: LCS-69961 SampType: LCS TestCode: EPA Method 8021B: Volatiles

Client ID: **LCSS** Batch ID: **69961** RunNo: **90809**

Prep Date: 9/4/2022	Analysis [Analysis Date: 9/6/2022			SeqNo: 3	246794	Units: mg/K			
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		_	
Toluene	0.93	0.050	1.000	0	93.0	80	120			
Ethylbenzene	0.93	0.050	1.000	0	92.6	80	120			
Xylenes, Total	2.8	0.10	3.000	0	92.6	80	120			
Surr: 4-Bromofluorobenzene	0.91		1.000		90.5	70	130			

Sample ID: 2209144-001a ms SampType: MS TestCode: EPA Method 8021B: Volatiles

Client ID: **S-18** Batch ID: **69961** RunNo: **90809**

Prep Date: 9/4/2022	Analysis D	Analysis Date: 9/6/2022			SeqNo: 3	246796	Units: mg/k	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.89	0.12	0.9990	0	88.6	68.8	120			
Toluene	0.94	0.25	0.9990	0	93.8	73.6	124			
Ethylbenzene	0.94	0.25	0.9990	0	94.4	72.7	129			
Xylenes, Total	2.8	0.50	2.997	0.09884	91.1	75.7	126			
Surr: 4-Bromofluorobenzene	4.6		4.995		91.5	70	130			

Sample ID: 2209144-001a msd SampType: MSD TestCode: EPA Method 8021B: Volatiles

Client ID: S-18 Batch ID: 69961 RunNo: 90809

Prep Date: 9/4/2022	Analysis Date: 9/6/2022			S	SeqNo: 3	246797	Units: mg/l	mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual			
Benzene	0.87	0.12	0.9891	0	88.3	68.8	120	1.33	20				
Toluene	0.93	0.25	0.9891	0	93.7	73.6	124	1.05	20				
Ethylbenzene	0.94	0.25	0.9891	0	95.4	72.7	129	0.00728	20				
Xylenes, Total	2.8	0.49	2.967	0.09884	92.3	75.7	126	0.251	20				
Surr: 4-Bromofluorobenzene	4.5		4.946		91.9	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 Quantitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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LABORATORY

Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109

TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: **ENSOLUM** Work Order Number: 2209144 RcptNo: 1 Received By: Tracy Casarrubias 9/3/2022 9:00:00 AM Completed By: Tracy Casarrubias 9/3/2022 11:44:48 AM Reviewed By: 5/4/22 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 V No 🗌 NA 🗌 4. Were all samples received at a temperature of >0° C to 6.0°C No 🗌 Yes V NA 🗌 5. Sample(s) in proper container(s)? Yes 🗸 No 🗌 Sufficient sample volume for indicated test(s)? Yes V No 🗌 7. Are samples (except VOA and ONG) properly preserved? Yes 🗸 No 🗌 8. Was preservative added to bottles? Yes No V NA 🗌 9. Received at least 1 vial with headspace <1/4" for AQ VOA? No 🗌 Yes NA V 10. Were any sample containers received broken? Yes No V # of preserved bottles checked 11. Does paperwork match bottle labels? Yes 🗸 No 🗌 for pH: (Note discrepancies on chain of custody) (<2 or >12 unless noted) 12. Are matrices correctly identified on Chain of Custody? Adjusted? Yes V No 🗌 13. Is it clear what analyses were requested? Yes V No 🗌 checked by: Tim 9/3/h 14. Were all holding times able to be met? Yes V No 🗌 (If no, notify customer for authorization.) Special Handling (if applicable) 15. Was client notified of all discrepancies with this order? Yes No 🗌 NA V Person Notified: Date: By Whom: Via: eMail Phone Fax In Person Regarding: Client Instructions: 16. Additional remarks: 17. Cooler Information Cooler No Temp °C Condition Seal Intact Seal No Seal Date Signed By 3.1 Good Yes

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Client:	Address	elu:	S. ROGONDE, Suited	□ Standard Project Name	l	100% Sume S#7	ANALYSIS LABORATOR www.hallenvironmental.com 4901 Hawkins NE - Albuquerque, NM 87109 Tel. 505-345-3975 Fax 505-345-4107						-							
Phone		NAP	الم الم الم				Analysis Request							/202						
email o	email or Fax#: KSn mmer SG on Kolundarion QA/QC Package: □ Standard □ Level 4 (Full Validation)				Project Manager: K. Sirviners				SCB's		8270SIMS		PO ₄ , SO ₄							7:12:34 AM
Accredi	itation: AC	□ Az Co	ompliance	Sampler: On Ice: # of Coolers:		□ No	WTBE / TMB's	BTEX / MTBE / TMB's (8021) TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	hod 504.1)	8310 or 8270	etals	NO ₂ ,		-VOA)	Total Coliform (Present/Absent)				M
Date	Time	Matrix	Sample Name	Cooler Temp Container Type and #	Preservative Type	3-0.2-3.1 (°C) HEAL No. 7209 144	BTEX / 4MT	TPH:8015D	8081 Pestic	EDB (Method 504.1)	PAHs by 8310	RCRA 8 Metals	CJ, F, Br, NO3,	8260 (VOA)	8270 (Semi-VOA)	Total Colifo				
9/2/22	9:00	5	5-18	1402/21	(00)	<u></u> 01	X	X					X							
												T.								
					331															
Date: 9/2/22 Date:	15.22	Relinquish		Received by:	Via: Counce Via:	Date Time 9/3/22 9:00 Date Time	Ren	narks	s:		PIP	s ay	T	or y-	n 'R	132	120	0 (50	Page 119 o



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

September 14, 2022

Kyle Summers

ENSOLUM

606 S. Rio Grande Suite A

Aztec, NM 87410

TEL: (903) 821-5603

FAX:

RE: Jones A LS 7 OrderNo.: 2209428

Dear Kyle Summers:

Hall Environmental Analysis Laboratory received 7 sample(s) on 9/9/2022 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 Freeman

Laboratory Manager

Indes

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report Lab Order 2209428

Date Reported: 9/14/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM Client Sample ID: S-19

Project: Jones A LS 7 **Collection Date:** 9/8/2022 11:30:00 AM

Lab ID: 2209428-001 **Matrix:** MEOH (SOIL) **Received Date:** 9/9/2022 7:30:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	:: JMT
Chloride	ND	60	mg/Kg	20	9/9/2022 10:41:32 AM	70075
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	: DGH
Diesel Range Organics (DRO)	18	15	mg/Kg	1	9/9/2022 12:05:46 PM	70068
Motor Oil Range Organics (MRO)	79	49	mg/Kg	1	9/9/2022 12:05:46 PM	70068
Surr: DNOP	112	21-129	%Rec	1	9/9/2022 12:05:46 PM	70068
EPA METHOD 8015D: GASOLINE RANGE					Analys	: NSB
Gasoline Range Organics (GRO)	ND	18	mg/Kg	5	9/9/2022 8:49:02 AM	G90918
Surr: BFB	105	37.7-212	%Rec	5	9/9/2022 8:49:02 AM	G90918
EPA METHOD 8021B: VOLATILES					Analys	: NSB
Benzene	ND	0.089	mg/Kg	5	9/9/2022 8:49:02 AM	B90918
Toluene	ND	0.18	mg/Kg	5	9/9/2022 8:49:02 AM	B90918
Ethylbenzene	ND	0.18	mg/Kg	5	9/9/2022 8:49:02 AM	B90918
Xylenes, Total	ND	0.35	mg/Kg	5	9/9/2022 8:49:02 AM	B90918
Surr: 4-Bromofluorobenzene	94.6	70-130	%Rec	5	9/9/2022 8:49:02 AM	B90918

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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Analytical Report

Lab Order **2209428**

Date Reported: 9/14/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM Client Sample ID: S-20

Project: Jones A LS 7 **Collection Date:** 9/8/2022 11:40:00 AM

Lab ID: 2209428-002 **Matrix:** MEOH (SOIL) **Received Date:** 9/9/2022 7:30:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JMT
Chloride	ND	60	mg/Kg	20	9/9/2022 10:53:57 AM	70075
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	: DGH
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	9/9/2022 12:16:32 PM	70068
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	9/9/2022 12:16:32 PM	70068
Surr: DNOP	98.1	21-129	%Rec	1	9/9/2022 12:16:32 PM	70068
EPA METHOD 8015D: GASOLINE RANGE					Analys	: NSB
Gasoline Range Organics (GRO)	ND	19	mg/Kg	5	9/9/2022 9:12:26 AM	G90918
Surr: BFB	101	37.7-212	%Rec	5	9/9/2022 9:12:26 AM	G90918
EPA METHOD 8021B: VOLATILES					Analys	: NSB
Benzene	ND	0.097	mg/Kg	5	9/9/2022 9:12:26 AM	B90918
Toluene	ND	0.19	mg/Kg	5	9/9/2022 9:12:26 AM	B90918
Ethylbenzene	ND	0.19	mg/Kg	5	9/9/2022 9:12:26 AM	B90918
Xylenes, Total	ND	0.39	mg/Kg	5	9/9/2022 9:12:26 AM	B90918
Surr: 4-Bromofluorobenzene	92.1	70-130	%Rec	5	9/9/2022 9:12:26 AM	B90918

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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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CLIENT: ENSOLUM

Analytical Report

Lab Order **2209428**Date Reported: **9/14/2022**

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: S-21

Project: Jones A LS 7 **Collection Date:** 9/8/2022 11:50:00 AM

Lab ID: 2209428-003 **Matrix:** MEOH (SOIL) **Received Date:** 9/9/2022 7:30:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JMT
Chloride	ND	60	mg/Kg	20	9/9/2022 11:06:22 AM	70075
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: DGH
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	9/9/2022 12:27:14 PM	70068
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	9/9/2022 12:27:14 PM	70068
Surr: DNOP	95.2	21-129	%Rec	1	9/9/2022 12:27:14 PM	70068
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: NSB
Gasoline Range Organics (GRO)	ND	18	mg/Kg	5	9/9/2022 9:35:52 AM	G90918
Surr: BFB	102	37.7-212	%Rec	5	9/9/2022 9:35:52 AM	G90918
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Benzene	ND	0.091	mg/Kg	5	9/9/2022 9:35:52 AM	B90918
Toluene	ND	0.18	mg/Kg	5	9/9/2022 9:35:52 AM	B90918
Ethylbenzene	ND	0.18	mg/Kg	5	9/9/2022 9:35:52 AM	B90918
Xylenes, Total	ND	0.36	mg/Kg	5	9/9/2022 9:35:52 AM	B90918
Surr: 4-Bromofluorobenzene	93.9	70-130	%Rec	5	9/9/2022 9:35:52 AM	B90918

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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Analytical Report Lab Order 2209428

Date Reported: 9/14/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM Client Sample ID: S-22

Project: Jones A LS 7 **Collection Date:** 9/8/2022 12:00:00 PM

Lab ID: 2209428-004 **Matrix:** MEOH (SOIL) **Received Date:** 9/9/2022 7:30:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	:: JMT
Chloride	ND	60	mg/Kg	20	9/9/2022 11:18:46 AM	70075
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: DGH
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	9/9/2022 12:37:57 PM	70068
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	9/9/2022 12:37:57 PM	70068
Surr: DNOP	89.5	21-129	%Rec	1	9/9/2022 12:37:57 PM	70068
EPA METHOD 8015D: GASOLINE RANGE					Analyst	:: NSB
Gasoline Range Organics (GRO)	ND	20	mg/Kg	5	9/9/2022 9:59:18 AM	G90918
Surr: BFB	100	37.7-212	%Rec	5	9/9/2022 9:59:18 AM	G90918
EPA METHOD 8021B: VOLATILES					Analyst	:: NSB
Benzene	ND	0.098	mg/Kg	5	9/9/2022 9:59:18 AM	B90918
Toluene	ND	0.20	mg/Kg	5	9/9/2022 9:59:18 AM	B90918
Ethylbenzene	ND	0.20	mg/Kg	5	9/9/2022 9:59:18 AM	B90918
Xylenes, Total	ND	0.39	mg/Kg	5	9/9/2022 9:59:18 AM	B90918
Surr: 4-Bromofluorobenzene	93.0	70-130	%Rec	5	9/9/2022 9:59:18 AM	B90918

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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Analytical Report

Lab Order 2209428

Date Reported: 9/14/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM Client Sample ID: S-23

Project: Jones A LS 7 **Collection Date:** 9/8/2022 12:10:00 PM

Lab ID: 2209428-005 **Matrix:** MEOH (SOIL) **Received Date:** 9/9/2022 7:30:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	ND	60	mg/Kg	20	9/9/2022 11:31:10 AM	70075
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: DGH
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	9/9/2022 12:48:46 PM	70068
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	9/9/2022 12:48:46 PM	70068
Surr: DNOP	98.0	21-129	%Rec	1	9/9/2022 12:48:46 PM	70068
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	42	20	mg/Kg	5	9/9/2022 10:22:50 AM	G90918
Surr: BFB	127	37.7-212	%Rec	5	9/9/2022 10:22:50 AM	G90918
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.10	mg/Kg	5	9/9/2022 10:22:50 AM	B90918
Toluene	ND	0.20	mg/Kg	5	9/9/2022 10:22:50 AM	B90918
Ethylbenzene	ND	0.20	mg/Kg	5	9/9/2022 10:22:50 AM	B90918
Xylenes, Total	1.3	0.40	mg/Kg	5	9/9/2022 10:22:50 AM	B90918
Surr: 4-Bromofluorobenzene	95.2	70-130	%Rec	5	9/9/2022 10:22:50 AM	B90918

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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Analytical Report Lab Order 2209428

Date Reported: 9/14/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM Client Sample ID: S-24

Project: Jones A LS 7 **Collection Date:** 9/8/2022 12:20:00 PM

Lab ID: 2209428-006 **Matrix:** MEOH (SOIL) **Received Date:** 9/9/2022 7:30:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	: JMT
Chloride	ND	60	mg/Kg	20	9/9/2022 11:43:36 AM	70075
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analys	: DGH
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	9/9/2022 12:59:34 PM	70068
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	9/9/2022 12:59:34 PM	70068
Surr: DNOP	89.8	21-129	%Rec	1	9/9/2022 12:59:34 PM	70068
EPA METHOD 8015D: GASOLINE RANGE					Analys	: NSB
Gasoline Range Organics (GRO)	ND	3.8	mg/Kg	1	9/9/2022 10:46:31 AM	G90918
Surr: BFB	95.2	37.7-212	%Rec	1	9/9/2022 10:46:31 AM	G90918
EPA METHOD 8021B: VOLATILES					Analys	: NSB
Benzene	ND	0.019	mg/Kg	1	9/9/2022 10:46:31 AM	B90918
Toluene	ND	0.038	mg/Kg	1	9/9/2022 10:46:31 AM	B90918
Ethylbenzene	ND	0.038	mg/Kg	1	9/9/2022 10:46:31 AM	B90918
Xylenes, Total	ND	0.075	mg/Kg	1	9/9/2022 10:46:31 AM	B90918
Surr: 4-Bromofluorobenzene	89.6	70-130	%Rec	1	9/9/2022 10:46:31 AM	B90918

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 Quantitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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CLIENT: ENSOLUM

Analytical Report

Lab Order **2209428**Date Reported: **9/14/2022**

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: S-25

Project: Jones A LS 7 Collection Date: 9/8/2022 12:30:00 PM

Lab ID: 2209428-007 **Matrix:** MEOH (SOIL) **Received Date:** 9/9/2022 7:30:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	:: JMT
Chloride	ND	60	mg/Kg	20	9/9/2022 11:56:00 AM	70075
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	: DGH
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	9/9/2022 1:10:23 PM	70068
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	9/9/2022 1:10:23 PM	70068
Surr: DNOP	91.2	21-129	%Rec	1	9/9/2022 1:10:23 PM	70068
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	3.5	mg/Kg	1	9/9/2022 11:10:01 AM	G90918
Surr: BFB	97.5	37.7-212	%Rec	1	9/9/2022 11:10:01 AM	G90918
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.018	mg/Kg	1	9/9/2022 11:10:01 AM	B90918
Toluene	ND	0.035	mg/Kg	1	9/9/2022 11:10:01 AM	B90918
Ethylbenzene	ND	0.035	mg/Kg	1	9/9/2022 11:10:01 AM	B90918
Xylenes, Total	ND	0.071	mg/Kg	1	9/9/2022 11:10:01 AM	B90918
Surr: 4-Bromofluorobenzene	90.4	70-130	%Rec	1	9/9/2022 11:10:01 AM	B90918

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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2209428 14-Sep-22**

Client: ENSOLUM
Project: Jones A LS 7

Sample ID: MB-70075 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 70075 RunNo: 90923

Prep Date: 9/9/2022 Analysis Date: 9/9/2022 SeqNo: 3252131 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

Sample ID: LCS-70075 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 70075 RunNo: 90923

Prep Date: 9/9/2022 Analysis Date: 9/9/2022 SeqNo: 3252132 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 14 1.5 15.00 0 92.4 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 Quantitative Limit

S % Recovery outside of range due to dilution or matrix interference

B Analyte detected in the associated Method Blank

E Estimated value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

WO#: 2209428

14-Sep-22

Client: ENSOLUM Project: Jones A LS 7

Sample ID: LCS-69992	SampType: LCS	TestCode: EPA Metho	od 8015M/D: Diesel Range Organics	
Client ID: LCSS	Batch ID: 69992	RunNo: 90851		
Prep Date: 9/6/2022	Analysis Date: 9/8/2022	SeqNo: 3248817	Units: %Rec	
Analyte	Result PQL SPK	alue SPK Ref Val %REC LowLim	it HighLimit %RPD RPDLimit	Qual
Surr: DNOP	4.2 5	.000 83.0 2	1 129	
Sample ID: MB-69992	SampType: MBLK	TestCode: EPA Metho	od 8015M/D: Diesel Range Organics	
Client ID: PBS	Batch ID: 69992	RunNo: 90851		

Client ID:	PBS	Batch	ID: 69 9	992	F	RunNo: 9 0	0851					
Prep Date:	9/6/2022	Analysis D	ate: 9/	8/2022	\$	SeqNo: 32	248818	Units: %Rec				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Surr: DNOP		13		10.00		131	21	129			S	

Sample ID: LCS-70068	SampT	ype: LC	S	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	Organics	
Client ID: LCSS	Batch	n ID: 70 0)68	F	RunNo: 90	0851				
Prep Date: 9/9/2022	Analysis D	ate: 9/9	9/2022	5	SeqNo: 32	250676	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	36	15	50.00	0	71.8	64.4	127			
Surr: DNOP	3.4		5.000		67.7	21	129			

Sample ID: MB-70068	Samp1	ype: ME	BLK	TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	Batcl	n ID: 70 0	068	F	RunNo: 90	0851				
Prep Date: 9/9/2022	Analysis D	Date: 9/9	9/2022	5	SeqNo: 32	250684	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	15								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.7		10.00		87.0	21	129			

Sample ID: 2209428-001AMS	Samp1	ype: MS	3	Tes	TestCode: EPA Method 8015M/D: Diesel Range Organics					
Client ID: S-19	Batcl	n ID: 70 0	068	F	RunNo: 90	0851				
Prep Date: 9/9/2022	Analysis D	Date: 9/	9/2022	5	SeqNo: 32	251917	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	46	14	48.31	17.60	59.2	36.1	154			
Surr: DNOP	4.5		4.831		93.4	21	129			

Sample ID: 2209428-001AMS	D Samp	SampType: MSD			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: S-19	Batc	h ID: 70 0	068	F	RunNo: 90	0851					
Prep Date: 9/9/2022	Analysis [Date: 9/ 9	9/2022	SeqNo: 3251918 Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics (DRO)	51	14	47.48	17.60	70.2	36.1	154	9.73	33.9		

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
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix interference
- Analyte detected in the associated Method Blank
- Estimated value
- Analyte detected below quantitation limits
- Sample pH Not In Range
- Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

4.7

2209428

WO#:

0

14-Sep-22

Client: ENSOLUM
Project: Jones A LS 7

Surr: DNOP

Sample ID: 2209428-001AMSD SampType: MSD TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: **\$-19** Batch ID: **70068** RunNo: **90851**

Prep Date: 9/9/2022 Analysis Date: 9/9/2022 SeqNo: 3251918 Units: mg/Kg

4.748

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

99.1

21

129

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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2209428 14-Sep-22**

Client: ENSOLUM
Project: Jones A LS 7

Sample ID: 2209428-001ams

Sample ID: mb SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: G90918 RunNo: 90918

Prep Date: Analysis Date: 9/9/2022 SeqNo: 3251213 Units: mq/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Gasoline Range Organics (GRO) ND 5.0

Gasoline Range Organics (GRO) ND 5.0

Surr: BFB 990

 Surr: BFB
 990
 1000
 98.5
 37.7
 212

Sample ID: 2.5ug gro lcs SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: G90918 RunNo: 90918

Prep Date: Analysis Date: 9/9/2022 SeqNo: 3251214 Units: mg/Kg

Analyte Result **PQL** SPK value SPK Ref Val %REC I owl imit HighLimit %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) 24 25.00 96.2 72.3 137

TestCode: EPA Method 8015D: Gasoline Range

 Surr: BFB
 2000
 1000
 199
 37.7
 212

Client ID: **S-19** Batch ID: **G90918** RunNo: **90918**

SampType: MS

Prep Date: Analysis Date: 9/9/2022 SeqNo: 3251215 Units: mg/Kg

Result SPK value SPK Ref Val %REC %RPD **RPDLimit** Analyte **PQL** LowLimit HighLimit Qual Gasoline Range Organics (GRO) 25 5.0 25.00 0 102 70 130 Surr: BFB 2100 1000 206 37.7 212

Sample ID: 2209428-001amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range

Client ID: S-19 Batch ID: G90918 RunNo: 90918

Prep Date: Analysis Date: 9/9/2022 SeqNo: 3251216 Units: mg/Kg

Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) 25 5.0 25.00 99.8 70 130 1.83 20 Surr: BFB 2000 1000 204 37.7 212 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 interference

B Analyte detected in the associated Method Blank

E Estimated value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2209428**

14-Sep-22

Client: ENSOLUM
Project: Jones A LS 7

Sample ID: mb	SampType: MBLK			Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: PBS	Batch ID: B90918			F	RunNo: 90918					
Prep Date:	Analysis [Date: 9/ 9	9/2022	SeqNo: 3251278			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								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.91		1.000		91.4	70	130			

Sample ID: 100ng btex Ics	SampT	ype: LC	s	TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Batcl	n ID: B9 0	0918	F	RunNo: 90	0918				
Prep Date:	Analysis Date: 9/9/2022			5	SeqNo: 32	251279	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.87	0.025	1.000	0	87.0	80	120			
Toluene	0.91	0.050	1.000	0	90.8	80	120			
Ethylbenzene	0.90	0.050	1.000	0	89.6	80	120			
Xylenes, Total	2.7	0.10	3.000	0	90.0	80	120			
Surr: 4-Bromofluorobenzene	0.94		1.000		94.5	70	130			

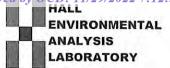
Sample ID: 2209428-002ams	Samp1	ype: MS	MS TestCode: EPA Method 8021B: Volatiles								
Client ID: S-20	lient ID: S-20 Batch ID: B90918 RunNo: 90918										
Prep Date:	Analysis [Date: 9/9	9/2022	5	SeqNo: 32	251280	280 Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	0.89	0.025	1.000	0	89.3	68.8	120				
Toluene	0.93	0.050	1.000	0.06760	86.5	73.6	124				
Ethylbenzene	0.93	0.050	1.000	0.05750	87.0	72.7	129				
Xylenes, Total	2.8	0.10	3.000	0.2809	83.1	75.7	126				
Surr: 4-Bromofluorobenzene	0.94		1.000		93.5	70	130				

Sample ID: 2209428-002amsd	SampT	SampType: MSD TestCode: EPA Method 8021B: Volatiles											
Client ID: S-20	Batcl	Batch ID: B90918 RunNo: 90918											
Prep Date:	Analysis Date: 9/9/2022 SeqNo: 3251281 Units:							nits: 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	68.8	120	1.75	20				
Toluene	0.93	0.050	1.000	0.06760	85.8	73.6	124	0.732	20				
Ethylbenzene	0.92	0.050	1.000	0.05750	85.8	72.7	129	1.26	20				
Xylenes, Total	2.8	0.10	3.000	0.2809	82.4	75.7	126	0.767	20				
Surr: 4-Bromofluorobenzene	0.96		1.000		95.6	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
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109

TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name:	ENSOLUM	Work Order Numb	er: 220942	28		RcptNo:	Í
Received By:	Sean Livingston	9/9/2022 7:30:00 Af	М		5-6	yot-	
Completed By:	Sean Livingston	9/9/2022 7:51:02 Af	VI.	<	< /	into	
Reviewed By:	TMC	919122				n gen	
Chain of Cus	stody						
1. Is Chain of C	ustody complete?		Yes N		No 🗌	Not Present	
2. How was the	sample delivered?		Courie				
Log In							
A CONTRACTOR OF THE PARTY OF TH	npt made to cool the samp	oles?	Yes 🔽		No 🗌	NA 🗌	
4. Were all samp	ples received at a tempera	ature of >0° C to 6.0°C	Yes 🔽		No 🗆	NA 🗆	
5. Sample(s) in	proper container(s)?		Yes 🕨		No 🗌		
6. Sufficient sam	nple volume for indicated to	est(s)?	Yes 🔽	1	No 🗆		
7. Are samples ((except VOA and ONG) pr	operly preserved?	Yes 🗸] 1	No 🗆		
8. Was preserva	ative added to bottles?		Yes [] ,	No 🗸	NA 🗆	
9. Received at le	east 1 vial with headspace	<1/4" for AQ VOA?	Yes [] :	No 🗆	NA 🗹	
10. Were any sar	mple containers received b	proken?	Yes].	No 🔽	# of preserved	
	ork match bottle labels? ancies on chain of custody	()	Yes 🔽] !	No 🗆	bottles checked for pH:	>12 unless noted)
	correctly identified on Cha	4	Yes 🗸] 1	No 🗆	Adjusted?	
3. Is it clear wha	t analyses were requested	1?	Yes 🗸] 1	No 🗆		1 1
	ing times able to be met? ustomer for authorization.)		Yes 🗸] 1	No 🗆	Checked by:	11991
Special Handl	ling (if applicable)						
	otified of all discrepancies	with this order?	Yes []	No 🗆	NA 🗹	
Person	Notified:	Date:					
By Who	om:	Via:	eMail	Phone	☐ Fax	☐ In Person	
Regard Client In	ling:						
16. Additional re	The state of the s						
17. Cooler Infor	A MARKET A CO. III CAN A RESIDENCE	Continue Desire	6.45	111.27	1.6		
Cooler No	Temp °C Condition 0.4 Good	Seal Intact Seal No	Seal Date	Sign	ed By		

(Released to	
-	In	
1	naging:	
	12	
4	9	
F	202	
e	2 10	
-	0:5	
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	7	
P	2	
E		
Г		

Client:	Address	606	stody Record M. LLC S. R.o Grande, Side	Turn-Aroun ☐ Standar Project Nan Project #:	d K Rush ne:	Same 1007. Day LS#7						200								
Phone :	/ .	5 45										Α	-		_	_				022
email o QA/QC Stan Accredi NEL EDD	Package: idard itation: AC		Level 4 (Full Validation) mpliance	Sampler: On Ice: # of Coolers	Sumn L. Daw Yes	□ No	MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	310 or 8270SIMS	8 Metals	Br, NO ₃ , NO ₂ , PO ₄ , SO ₄	4)	(VOA)	Coliform (Present/Absent)				7:12:34 AM
Date	Time	Matrix	Sample Name	Cooler Tem Container Type and #	Preservative Type).4±0= ().4 (°C) HEAL No. ZZOG 4Z8	BTEX / ₩	TPH:8015I	8081 Pest	EDB (Meth	PAHs by 8310	-	COF, Br.	8260 (VOA)	8270 (Semi-VOA)	Total Colif				
9/8/22	11:30	5	5-19	1402 jar	(00)	001	X	X					X							
9/8/22	11:40	5	5-20			ರು2	X	X					X							
9/9/22	11:56	5	5-21			903	X	X]				X							
7/8/22	12:00	5	5-22			904	X	X					X							
9/8/22	OKSI-	5	5-23			205	X	X			-		X							
9/8/22	-12:20	5	5-24			مد	X	X					X							
9/8/22	12:30	5	S-25	b	4	207	X	X					X							
Date:	1534	Relinquish		Received by:	Via: Via:	Date Time 9/8/22 Date Time 9/9/22 7:30	Rem	nark	<u> </u>	P	M	T Key	i on	n R	L0 B2	120	00	E	ani Do	2 5 134 of



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

September 26, 2022

Kyle Summers
ENSOLUM
606 S. Rio Grande Suite A
Aztec, NM 87410
TEL: (903) 821-5603

FAX

RE: Jones A LS 7 OrderNo.: 2209550

Dear Kyle Summers:

Hall Environmental Analysis Laboratory received 8 sample(s) on 9/13/2022 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 Freeman

Laboratory Manager

Indes

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report

Lab Order **2209550**

Hall Environmental Analysis Laboratory, Inc. Date Reported: 9/26/2022

CLIENT: ENSOLUM Client Sample ID: S-26

Project: Jones A LS 7 **Collection Date:** 9/12/2022 3:00:00 PM

Lab ID: 2209550-001 **Matrix:** MEOH (SOIL) **Received Date:** 9/13/2022 7:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	JMT
Chloride	ND	60		mg/Kg	20	9/13/2022 9:31:21 AM	70126
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS					Analyst	DGH
Diesel Range Organics (DRO)	88	15		mg/Kg	1	9/13/2022 10:21:22 AM	70125
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	9/13/2022 10:21:22 AM	70125
Surr: DNOP	82.4	21-129		%Rec	1	9/13/2022 10:21:22 AM	70125
EPA METHOD 8015D: GASOLINE RANGE						Analyst	NSB
Gasoline Range Organics (GRO)	96	20		mg/Kg	5	9/13/2022 8:51:45 AM	G90976
Surr: BFB	242	37.7-212	S	%Rec	5	9/13/2022 8:51:45 AM	G90976
EPA METHOD 8021B: VOLATILES						Analyst	NSB
Benzene	ND	0.10		mg/Kg	5	9/13/2022 8:51:45 AM	B90976
Toluene	0.64	0.20		mg/Kg	5	9/13/2022 8:51:45 AM	B90976
Ethylbenzene	0.42	0.20		mg/Kg	5	9/13/2022 8:51:45 AM	B90976
Xylenes, Total	4.7	0.40		mg/Kg	5	9/13/2022 8:51:45 AM	B90976
Surr: 4-Bromofluorobenzene	96.8	70-130		%Rec	5	9/13/2022 8:51:45 AM	B90976

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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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CLIENT: ENSOLUM

Analytical Report

Lab Order **2209550**Date Reported: **9/26/2022**

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: S-27

Project: Jones A LS 7 Collection Date: 9/12/2022 3:10:00 PM

Lab ID: 2209550-002 **Matrix:** MEOH (SOIL) **Received Date:** 9/13/2022 7:50:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	JMT
Chloride	ND	60	mg/Kg	20	9/13/2022 9:43:45 AM	70126
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	DGH
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	9/13/2022 10:45:07 AM	70125
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	9/13/2022 10:45:07 AM	70125
Surr: DNOP	87.6	21-129	%Rec	1	9/13/2022 10:45:07 AM	70125
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	ND	3.9	mg/Kg	1	9/13/2022 9:15:20 AM	G90976
Surr: BFB	101	37.7-212	%Rec	1	9/13/2022 9:15:20 AM	G90976
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.019	mg/Kg	1	9/13/2022 9:15:20 AM	B90976
Toluene	ND	0.039	mg/Kg	1	9/13/2022 9:15:20 AM	B90976
Ethylbenzene	ND	0.039	mg/Kg	1	9/13/2022 9:15:20 AM	B90976
Xylenes, Total	0.084	0.077	mg/Kg	1	9/13/2022 9:15:20 AM	B90976
Surr: 4-Bromofluorobenzene	89.0	70-130	%Rec	1	9/13/2022 9:15:20 AM	B90976

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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Analytical Report

Lab Order **2209550**

Date Reported: 9/26/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM Client Sample ID: S-28

Project: Jones A LS 7 Collection Date: 9/12/2022 3:20:00 PM

Lab ID: 2209550-003 **Matrix:** MEOH (SOIL) **Received Date:** 9/13/2022 7:50:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	JMT
Chloride	ND	60	mg/Kg	20	9/13/2022 9:56:09 AM	70126
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	DGH
Diesel Range Organics (DRO)	130	15	mg/Kg	1	9/13/2022 11:08:52 AM	70125
Motor Oil Range Organics (MRO)	100	50	mg/Kg	1	9/13/2022 11:08:52 AM	70125
Surr: DNOP	98.7	21-129	%Rec	1	9/13/2022 11:08:52 AM	70125
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	4.5	3.5	mg/Kg	1	9/13/2022 9:38:54 AM	G90976
Surr: BFB	145	37.7-212	%Rec	1	9/13/2022 9:38:54 AM	G90976
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.017	mg/Kg	1	9/13/2022 9:38:54 AM	B90976
Toluene	ND	0.035	mg/Kg	1	9/13/2022 9:38:54 AM	B90976
Ethylbenzene	ND	0.035	mg/Kg	1	9/13/2022 9:38:54 AM	B90976
Xylenes, Total	0.16	0.070	mg/Kg	1	9/13/2022 9:38:54 AM	B90976
Surr: 4-Bromofluorobenzene	91.2	70-130	%Rec	1	9/13/2022 9:38:54 AM	B90976

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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Analytical Report Lab Order 2209550

Date Reported: 9/26/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM Client Sample ID: S-29

Project: Jones A LS 7 **Collection Date:** 9/12/2022 3:30:00 PM

Lab ID: 2209550-004 **Matrix:** MEOH (SOIL) **Received Date:** 9/13/2022 7:50:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	ND	60	mg/Kg	20	9/13/2022 10:08:34 AM	70126
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	DGH
Diesel Range Organics (DRO)	37	15	mg/Kg	1	9/13/2022 11:32:41 AM	70125
Motor Oil Range Organics (MRO)	140	49	mg/Kg	1	9/13/2022 11:32:41 AM	70125
Surr: DNOP	97.4	21-129	%Rec	1	9/13/2022 11:32:41 AM	70125
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	ND	18	mg/Kg	5	9/13/2022 10:02:21 AM	G90976
Surr: BFB	105	37.7-212	%Rec	5	9/13/2022 10:02:21 AM	G90976
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.091	mg/Kg	5	9/13/2022 10:02:21 AM	B90976
Toluene	ND	0.18	mg/Kg	5	9/13/2022 10:02:21 AM	B90976
Ethylbenzene	ND	0.18	mg/Kg	5	9/13/2022 10:02:21 AM	B90976
Xylenes, Total	0.46	0.37	mg/Kg	5	9/13/2022 10:02:21 AM	B90976
Surr: 4-Bromofluorobenzene	90.1	70-130	%Rec	5	9/13/2022 10:02:21 AM	B90976

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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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CLIENT: ENSOLUM

Analytical Report

Lab Order **2209550**Date Reported: **9/26/2022**

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: S-30

Project: Jones A LS 7 Collection Date: 9/12/2022 3:40:00 PM

Lab ID: 2209550-005 **Matrix:** MEOH (SOIL) **Received Date:** 9/13/2022 7:50:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	ND	60	mg/Kg	20	9/13/2022 10:20:59 AM	70126
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst	: DGH
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	9/13/2022 11:56:26 AM	70125
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	9/13/2022 11:56:26 AM	70125
Surr: DNOP	93.6	21-129	%Rec	1	9/13/2022 11:56:26 AM	70125
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	3.5	mg/Kg	1	9/13/2022 10:25:50 AM	G90976
Surr: BFB	98.0	37.7-212	%Rec	1	9/13/2022 10:25:50 AM	G90976
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.018	mg/Kg	1	9/13/2022 10:25:50 AM	B90976
Toluene	ND	0.035	mg/Kg	1	9/13/2022 10:25:50 AM	B90976
Ethylbenzene	ND	0.035	mg/Kg	1	9/13/2022 10:25:50 AM	B90976
Xylenes, Total	ND	0.071	mg/Kg	1	9/13/2022 10:25:50 AM	B90976
Surr: 4-Bromofluorobenzene	89.8	70-130	%Rec	1	9/13/2022 10:25:50 AM	B90976

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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

pipe pH Not in Range
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CLIENT: ENSOLUM

Analytical Report

Lab Order **2209550**Date Reported: **9/26/2022**

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: S-31

Project: Jones A LS 7 **Collection Date:** 9/12/2022 3:50:00 PM

Lab ID: 2209550-006 **Matrix:** MEOH (SOIL) **Received Date:** 9/13/2022 7:50:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	JMT
Chloride	ND	60	mg/Kg	20	9/13/2022 10:58:13 AM	70126
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	DGH
Diesel Range Organics (DRO)	56	14	mg/Kg	1	9/13/2022 12:20:11 PM	70125
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	9/13/2022 12:20:11 PM	70125
Surr: DNOP	102	21-129	%Rec	1	9/13/2022 12:20:11 PM	70125
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	77	20	mg/Kg	5	9/13/2022 10:49:23 AM	G90976
Surr: BFB	172	37.7-212	%Rec	5	9/13/2022 10:49:23 AM	G90976
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.10	mg/Kg	5	9/13/2022 10:49:23 AM	B90976
Toluene	1.3	0.20	mg/Kg	5	9/13/2022 10:49:23 AM	B90976
Ethylbenzene	0.45	0.20	mg/Kg	5	9/13/2022 10:49:23 AM	B90976
Xylenes, Total	4.4	0.40	mg/Kg	5	9/13/2022 10:49:23 AM	B90976
Surr: 4-Bromofluorobenzene	94.4	70-130	%Rec	5	9/13/2022 10:49:23 AM	B90976

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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Analytical Report

Lab Order **2209550**Date Reported: **9/26/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM Client Sample ID: S-32

Project: Jones A LS 7 Collection Date: 9/12/2022 4:00:00 PM

Lab ID: 2209550-007 **Matrix:** MEOH (SOIL) **Received Date:** 9/13/2022 7:50:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	JMT
Chloride	ND	60	mg/Kg	20	9/13/2022 11:10:37 AM	70126
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	DGH
Diesel Range Organics (DRO)	62	15	mg/Kg	1	9/13/2022 12:44:03 PM	70125
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	9/13/2022 12:44:03 PM	70125
Surr: DNOP	99.3	21-129	%Rec	1	9/13/2022 12:44:03 PM	70125
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	36	20	mg/Kg	5	9/13/2022 11:12:57 AM	G90976
Surr: BFB	127	37.7-212	%Rec	5	9/13/2022 11:12:57 AM	G90976
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.10	mg/Kg	5	9/13/2022 11:12:57 AM	B90976
Toluene	0.50	0.20	mg/Kg	5	9/13/2022 11:12:57 AM	B90976
Ethylbenzene	ND	0.20	mg/Kg	5	9/13/2022 11:12:57 AM	B90976
Xylenes, Total	1.7	0.41	mg/Kg	5	9/13/2022 11:12:57 AM	B90976
Surr: 4-Bromofluorobenzene	94.0	70-130	%Rec	5	9/13/2022 11:12:57 AM	B90976

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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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CLIENT: ENSOLUM

Analytical Report

Lab Order **2209550**Date Reported: **9/26/2022**

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: S-33

Project: Jones A LS 7 Collection Date: 9/12/2022 4:10:00 PM

Lab ID: 2209550-008 **Matrix:** MEOH (SOIL) **Received Date:** 9/13/2022 7:50:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	ND	61	mg/Kg	20	9/13/2022 11:23:01 AM	70126
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	DGH
Diesel Range Organics (DRO)	260	15	mg/Kg	1	9/13/2022 1:07:48 PM	70125
Motor Oil Range Organics (MRO)	160	49	mg/Kg	1	9/13/2022 1:07:48 PM	70125
Surr: DNOP	104	21-129	%Rec	1	9/13/2022 1:07:48 PM	70125
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	3.3	mg/Kg	1	9/13/2022 11:36:26 AM	G90976
Surr: BFB	96.0	37.7-212	%Rec	1	9/13/2022 11:36:26 AM	G90976
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.016	mg/Kg	1	9/13/2022 11:36:26 AM	B90976
Toluene	ND	0.033	mg/Kg	1	9/13/2022 11:36:26 AM	B90976
Ethylbenzene	ND	0.033	mg/Kg	1	9/13/2022 11:36:26 AM	B90976
Xylenes, Total	ND	0.065	mg/Kg	1	9/13/2022 11:36:26 AM	B90976
Surr: 4-Bromofluorobenzene	90.2	70-130	%Rec	1	9/13/2022 11:36:26 AM	B90976

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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2209550 26-Sep-22**

Client: ENSOLUM
Project: Jones A LS 7

Sample ID: MB-70126 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 70126 RunNo: 90978

Prep Date: 9/13/2022 Analysis Date: 9/13/2022 SeqNo: 3255241 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

Sample ID: LCS-70126 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 70126 RunNo: 90978

Prep Date: 9/13/2022 Analysis Date: 9/13/2022 SeqNo: 3255242 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 14 1.5 15.00 0 93.7 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 interference

B Analyte detected in the associated Method Blank

E Estimated value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

26-Sep-22

2209550

WO#:

Client: ENSOLUM
Project: Jones A LS 7

Sample ID: MB-70125 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: PBS Batch ID: 70125 RunNo: 90980 Prep Date: 9/13/2022 Analysis Date: 9/13/2022 SeqNo: 3253842 Units: mg/Kg SPK value SPK Ref Val %REC LowLimit %RPD **RPDLimit** Analyte Result PQL HighLimit Qual Diesel Range Organics (DRO) ND 15 Motor Oil Range Organics (MRO) ND 50 Surr: DNOP 8.2 10.00 81.8 21 129 Sample ID: LCS-70125 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: LCSS Batch ID: 70125 RunNo: 90980 Prep Date: 9/13/2022 Analysis Date: 9/13/2022 SeqNo: 3253843 Units: mg/Kg Analyte PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Diesel Range Organics (DRO) 46 15 50.00 92.0 64.4 127 Surr: DNOP 4.1 5.000 82.6 21 129

Sample ID: 2209550-001AMS SampType: MS TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: S-26 Batch ID: 70125 RunNo: 90980 Prep Date: 9/13/2022 Analysis Date: 9/13/2022 SeqNo: 3260188 Units: mg/Kg Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Diesel Range Organics (DRO) 49.70 140 15 88.33 106 36.1 154 Surr: DNOP 5.3 4.970 107 21 129

Sample ID: 2209550-001AMSD SampType: MSD TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: S-26 Batch ID: 70125 RunNo: 90980 Prep Date: 9/13/2022 Analysis Date: 9/13/2022 SeqNo: 3260189 Units: mg/Kg LowLimit Result PQL SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Qual Analyte Diesel Range Organics (DRO) 140 15 49.46 88.33 104 36.1 154 0.784 33.9 Surr: DNOP 5.2 4.946 105 21 129 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 Quantitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2209550**

26-Sep-22

Client: ENSOLUM
Project: Jones A LS 7

Sample ID: mb SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: G90976 RunNo: 90976

Prep Date: Analysis Date: 9/13/2022 SeqNo: 3254266 Units: mq/Kq

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Gasoline Range Organics (GRO) ND 5.0

Surr: BFB 970 1000 97.0 37.7 212

Sample ID: 2.5ug gro Ics SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: G90976 RunNo: 90976

Prep Date: Analysis Date: 9/13/2022 SeqNo: 3254267 Units: mg/Kg

RPDLimit Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD Qual Gasoline Range Organics (GRO) 26 5.0 25.00 O 104 72.3 137

Surr: BFB 2000 1000 196 37.7 212

Sample ID: 2209550-001ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range

Client ID: **\$-26** Batch ID: **G90976** RunNo: **90976**

Prep Date: Analysis Date: 9/13/2022 SeqNo: 3254268 Units: mg/Kg

SPK value SPK Ref Val %REC %RPD **RPDLimit** Analyte Result PQL LowLimit HighLimit Qual Gasoline Range Organics (GRO) 210 20 99.60 95.66 112 70 130 Surr: BFB 14000 3984 S 359 37.7 212

Sample ID: 2209550-001amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range

Client ID: S-26 Batch ID: G90976 RunNo: 90976

Prep Date: Analysis Date: 9/13/2022 SeqNo: 3254269 Units: mg/Kg

SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Analyte Result PQL LowLimit Qual Gasoline Range Organics (GRO) 200 20 99.60 95.66 103 70 130 4.51 20 Surr: BFB 14000 3984 348 37.7 212 0 0 S

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 interference

B Analyte detected in the associated Method Blank

E Estimated value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

WO#: 2209550

26-Sep-22

Client: ENSOLUM Project: Jones A LS 7

Client ID:

LCSS

Surr: 4-Bromofluorobenzene

Surr: 4-Bromofluorobenzene

Sample ID: mb SampType: MBLK TestCode: EPA Method 8021B: Volatiles

Client ID: PBS Batch ID: **B90976** RunNo: 90976

Prep Date: Analysis Date: 9/13/2022 SeqNo: 3254307 Units: mq/Kq

SPK value SPK Ref Val %REC %RPD **RPDLimit** Analyte Result PQL LowLimit HighLimit Qual

Benzene ND 0.025 Toluene ND 0.050 0.050 Ethylbenzene ND Xylenes, Total ND 0.10

Surr: 4-Bromofluorobenzene 0.91 1.000 90.6 70 130

Sample ID: 100ng btex Ics SampType: LCS TestCode: EPA Method 8021B: Volatiles

Prep Date: Analysis Date: 9/13/2022 SeqNo: 3254308

Units: mg/Kg Analyte PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual 1.000 0.90 0.025 0 90.0 80 120 Benzene Toluene 0.93 0.050 1.000 0 93.5 80 120 0 92.9 80 Ethylbenzene 0.93 0.050 1.000 120 0 92.8 Xylenes, Total 2.8 0.10 3.000 80 120

RunNo: 90976

89.2

94.0

70

70

130

130

Sample ID: 2209550-002ams SampType: MS TestCode: EPA Method 8021B: Volatiles

1.000

Client ID: S-27 Batch ID: **B90976** RunNo: 90976

0.89

0.73

Batch ID: **B90976**

Prep Date: Analysis Date: 9/13/2022 SeqNo: 3254309 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual 90.3 0.71 0.019 0.7728 0.01244 68.8 120 Benzene Toluene 0.77 0.039 0.7728 0.03423 94.7 73.6 124 129 72.7 Ethylbenzene 0.74 0.039 0.7728 0.01376 94.6 Xylenes, Total 2.3 0.077 2.318 0.08447 94.3 75.7 126

TestCode: EPA Method 8021B: Volatiles Sample ID: 2209550-002amsd SampType: MSD

0.7728

Client ID: S-27 Batch ID: **B90976** RunNo: 90976

Prep Date:	Analysis Date: 9/13/2022			S	254310	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.68	0.019	0.7728	0.01244	86.4	68.8	120	4.32	20	
Toluene	0.74	0.039	0.7728	0.03423	90.9	73.6	124	3.83	20	
Ethylbenzene	0.71	0.039	0.7728	0.01376	90.5	72.7	129	4.39	20	
Xylenes, Total	2.2	0.077	2.318	0.08447	90.4	75.7	126	4.00	20	
Surr: 4-Bromofluorobenzene	0.71		0.7728		92.3	70	130	0	0	

Qualifiers:

- Value exceeds Maximum Contaminant Level
- D Sample Diluted Due to Matrix
- Holding times for preparation or analysis exceeded Н
- Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix interference
- Analyte detected in the associated Method Blank
- Estimated value
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109

TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: ENSOLUM	Work Order Nur	mber: 2209550		RcptN	o: 1
Received By: Juan Rojas	9/13/2022 7:50:00) AM	flans g		
Completed By: Cheyenne Cason Reviewed By: 9-13-22	9/13/2022 8:06:10	AM	Charles		
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	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	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 broken	?	Yes	No 🗹	# of preserved	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)		Yes 🗹	No 🗌	bottles checked for pH:	or >12 unless noted)
2. Are matrices correctly identified on Chain of C	ustody?	Yes 🗸	No 🗌	Adjusted?	n - 12 dilless floted)
3. Is it clear what analyses were requested?		Yes 🗸	No 🗌		/ 1 1
4. Were all holding times able to be met? (If no, notify customer for authorization.)		Yes 🗸	No 🗌	Checked by:	Jn 9/13/
Special Handling (if applicable)					
15. Was client notified of all discrepancies with th	is order?	Yes	No 🗌	NA 🗸	
Person Notified:	Date	: [
By Whom:	Via:		hone Fax	In Person	
Regarding:			7 2 2 3 4		
Client Instructions:					
16. Additional remarks:					
17. Cooler Information Cooler No Temp °C Condition Sea 1 0.2 Good Yes	ıl Intact Seal No	Seal Date	Signed By		

Released to Imaging: 12/9/2022 10:52:17 AM

Client:		71	ustody Record	Turn-Around Standard Project Nam	d ⊠ Rusi	Some h 100% Day				I.	AN	AL	Y	SIS	SI	A	NM			
Mailing A z Phone	toc,	5:606 S	5.200Gande, SuiteA &7410	Project #:	ies A	LS#7	jrt,		01 F el. 50	lawk	kins l	NE -	- All	buqu Fax	ierqu 505		IM 871 -4107			D: 11/29/202
QA/QC				ŀ	//	umers	TMB's (8021)	RO / MRO)	PCB's		8270SIMS		SO4			100000				7:12:34 AM
		☐ Az Co ☐ Other	Sample Name	Sampler: On Ice: # of Coolers: Cooler Temp Container Type and #	Preservative	□ No 1+0·/=6-> (°C) HEAL No.	BTEX / - MTBE / TME	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082	EDB (Method 504.1)	PAHs by 8310 or 827	RCRA 8 Metals	Ch.F., Br, NO3, NO2, PO4,	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)				
9/12/22		S	5-26	1402 jail	Type	7209556	M X	V	ŏ.	Ш	A.	R	SX	82	8	ĭ				
9/12/22		5	5-27	Jen	1	001	X	V					X	Ħ						
9/2/22	3:20	9	5-28			003	4	X					4					+		
9/2/22	3;30	5	5-29			604	2	V					X							
9/12/22	3:40	9	5-30			005	X	X					1					+	\vdash	
9/12/22	3,50	5	5-31			006	X	×					2			TV				
9/1/22	9:00	5	5-32			007	X	X					X							
4/12/22	4:10	5	5-33	4	V	008	X	X		T	î.		X							
					1															
Milli Date:	1715 Time: 1823	Relinquishe Relinquishe		Received by:	Via: Via:	9/12/22 1715 Date Time 9/13/22 7.50		narks				_	- f	n (212	200		46	Say	Page 149 of 1



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

September 20, 2022

Kyle Summers
ENSOLUM
606 S. Rio Grande Suite A
Aztec, NM 87410
TEL: (903) 821-5603

FAX

RE: Jones A LS 7 OrderNo.: 2209728

Dear Kyle Summers:

Hall Environmental Analysis Laboratory received 4 sample(s) on 9/15/2022 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 Freeman

Laboratory Manager

Indes

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report

Lab Order **2209728**Date Reported: **9/20/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM Client Sample ID: S-34

Project: Jones A LS 7 **Collection Date:** 9/14/2022 1:50:00 PM

Lab ID: 2209728-001 **Matrix:** MEOH (SOIL) **Received Date:** 9/15/2022 7:35:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JTT
Chloride	ND	60	mg/Kg	20	9/15/2022 10:51:27 AM	70196
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	DGH
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	9/15/2022 2:55:35 PM	70192
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	9/15/2022 2:55:35 PM	70192
Surr: DNOP	76.1	21-129	%Rec	1	9/15/2022 2:55:35 PM	70192
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	42	20	mg/Kg	5	9/15/2022 9:03:18 AM	A91053
Surr: BFB	122	37.7-212	%Rec	5	9/15/2022 9:03:18 AM	A91053
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.10	mg/Kg	5	9/15/2022 9:03:18 AM	C91053
Toluene	0.48	0.20	mg/Kg	5	9/15/2022 9:03:18 AM	C91053
Ethylbenzene	0.21	0.20	mg/Kg	5	9/15/2022 9:03:18 AM	C91053
Xylenes, Total	2.0	0.40	mg/Kg	5	9/15/2022 9:03:18 AM	C91053
Surr: 4-Bromofluorobenzene	87.9	70-130	%Rec	5	9/15/2022 9:03:18 AM	C91053

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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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CLIENT: ENSOLUM

Analytical Report

Lab Order **2209728**Date Reported: **9/20/2022**

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: S-35

Project: Jones A LS 7 **Collection Date:** 9/14/2022 2:00:00 PM

Lab ID: 2209728-002 **Matrix:** MEOH (SOIL) **Received Date:** 9/15/2022 7:35:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JTT
Chloride	ND	60	mg/Kg	20	9/15/2022 11:03:52 AM	1 70196
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	: DGH
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	9/15/2022 10:54:50 AM	1 70192
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	9/15/2022 10:54:50 AM	70192
Surr: DNOP	92.9	21-129	%Rec	1	9/15/2022 10:54:50 AM	70192
EPA METHOD 8015D: GASOLINE RANGE					Analys	: NSB
Gasoline Range Organics (GRO)	ND	3.5	mg/Kg	1	9/15/2022 9:26:44 AM	A91053
Surr: BFB	90.9	37.7-212	%Rec	1	9/15/2022 9:26:44 AM	A91053
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Benzene	ND	0.018	mg/Kg	1	9/15/2022 9:26:44 AM	C91053
Toluene	ND	0.035	mg/Kg	1	9/15/2022 9:26:44 AM	C91053
Ethylbenzene	ND	0.035	mg/Kg	1	9/15/2022 9:26:44 AM	C91053
Xylenes, Total	ND	0.071	mg/Kg	1	9/15/2022 9:26:44 AM	C91053
Surr: 4-Bromofluorobenzene	88.4	70-130	%Rec	1	9/15/2022 9:26:44 AM	C91053

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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Analytical Report Lab Order 2209728

Date Reported: 9/20/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM Client Sample ID: S-36

Project: Jones A LS 7 **Collection Date:** 9/14/2022 2:10:00 PM

Lab ID: 2209728-003 **Matrix:** MEOH (SOIL) **Received Date:** 9/15/2022 7:35:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JTT
Chloride	ND	60	mg/Kg	20	9/15/2022 11:16:17 AM	70196
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: DGH
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	9/15/2022 11:05:37 AM	70192
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	9/15/2022 11:05:37 AM	70192
Surr: DNOP	84.5	21-129	%Rec	1	9/15/2022 11:05:37 AM	70192
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	3.8	mg/Kg	1	9/15/2022 9:50:10 AM	A91053
Surr: BFB	89.0	37.7-212	%Rec	1	9/15/2022 9:50:10 AM	A91053
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.019	mg/Kg	1	9/15/2022 9:50:10 AM	C91053
Toluene	ND	0.038	mg/Kg	1	9/15/2022 9:50:10 AM	C91053
Ethylbenzene	ND	0.038	mg/Kg	1	9/15/2022 9:50:10 AM	C91053
Xylenes, Total	ND	0.076	mg/Kg	1	9/15/2022 9:50:10 AM	C91053
Surr: 4-Bromofluorobenzene	87.0	70-130	%Rec	1	9/15/2022 9:50:10 AM	C91053

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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Analytical Report

Lab Order **2209728**Date Reported: **9/20/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM Client Sample ID: S-37

Project: Jones A LS 7 Collection Date: 9/14/2022 2:20:00 PM

Lab ID: 2209728-004 **Matrix:** MEOH (SOIL) **Received Date:** 9/15/2022 7:35:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	:: JTT
Chloride	ND	60	mg/Kg	20	9/15/2022 11:28:42 AM	70196
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: DGH
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	9/15/2022 11:16:21 AM	70192
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	9/15/2022 11:16:21 AM	70192
Surr: DNOP	86.3	21-129	%Rec	1	9/15/2022 11:16:21 AM	70192
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	3.7	mg/Kg	1	9/15/2022 10:13:41 AM	A91053
Surr: BFB	88.5	37.7-212	%Rec	1	9/15/2022 10:13:41 AM	A91053
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.018	mg/Kg	1	9/15/2022 10:13:41 AM	C91053
Toluene	ND	0.037	mg/Kg	1	9/15/2022 10:13:41 AM	C91053
Ethylbenzene	ND	0.037	mg/Kg	1	9/15/2022 10:13:41 AM	C91053
Xylenes, Total	ND	0.074	mg/Kg	1	9/15/2022 10:13:41 AM	C91053
Surr: 4-Bromofluorobenzene	86.9	70-130	%Rec	1	9/15/2022 10:13:41 AM	C91053

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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2209728 20-Sep-22**

Client: ENSOLUM
Project: Jones A LS 7

Sample ID: MB-70196 SampType: MBLK TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 70196 RunNo: 91056

Prep Date: 9/15/2022 Analysis Date: 9/15/2022 SeqNo: 3258074 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

Sample ID: LCS-70196 SampType: LCS TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 70196 RunNo: 91056

Prep Date: 9/15/2022 Analysis Date: 9/15/2022 SeqNo: 3258075 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 14 1.5 15.00 0 94.3 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 Quantitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2209728**

20-Sep-22

Client: ENSOLUM
Project: Jones A LS 7

Sample ID: LCS-70160 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: LCSS Batch ID: 70160 RunNo: 91028 Prep Date: 9/13/2022 Analysis Date: 9/14/2022 SeqNo: 3255495 Units: %Rec SPK value SPK Ref Val %REC %RPD **RPDLimit** Analyte Result LowLimit HighLimit Qual

Surr: DNOP 3.4 5.000 68.7 21 129

Sample ID: MB-70160 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: PBS Batch ID: 70160 RunNo: 91028 Prep Date: 9/13/2022 Analysis Date: 9/14/2022 SeqNo: 3255498 Units: %Rec SPK value SPK Ref Val %REC %RPD **RPDLimit** Analyte Result PQL LowLimit HighLimit Qual

Surr: DNOP 8.5 10.00 85.5 21 129

Sample ID: 2209728-001AMS SampType: MS TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: S-34 Batch ID: 70192 Prep Date: 9/15/2022 Analysis Date: 9/15/2022 SeqNo: 3256960 Units: mg/Kg Result POI SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Analyte Qual Diesel Range Organics (DRO) 38 14 47.35 0 79.4 36.1 154 Surr: DNOP 3.3 4.735 68.8 21 129

Sample ID: 2209728-001AMSD TestCode: EPA Method 8015M/D: Diesel Range Organics SampType: MSD Client ID: S-34 Batch ID: 70192 RunNo: 91028 Prep Date: 9/15/2022 Analysis Date: 9/15/2022 SeqNo: 3256961 Units: mg/Kg PQL SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Analyte Result LowLimit Qual Diesel Range Organics (DRO) 45 15 49.85 90.2 36.1 154 17.8 33.9 Surr: DNOP 3.4 4.985 68.7 21 129

Sample ID: LCS-70132 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: LCSS Batch ID: 70132 RunNo: 91028 Prep Date: 9/13/2022 Analysis Date: 9/15/2022 SeqNo: 3256966 Units: %Rec SPK value SPK Ref Val %REC %RPD **RPDLimit** Analyte Result LowLimit HighLimit Qual Surr: DNOP 5.000 129 2.8 55.6 21

Sample ID: LCS-70156 TestCode: EPA Method 8015M/D: Diesel Range Organics SampType: LCS Client ID: LCSS Batch ID: 70156 RunNo: 91028 Prep Date: 9/13/2022 Analysis Date: 9/15/2022 SeqNo: 3256969 Units: %Rec Result PQL SPK value SPK Ref Val %REC %RPD **RPDLimit** Analyte LowLimit HighLimit Qual

Surr: DNOP 4.2 5.000 84.0 21 129

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 Quantitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

Analysis Date: 9/15/2022

Result

8.3

WO#: **2209728**

20-Sep-22

Client: ENSOLUM
Project: Jones A LS 7

Prep Date: 9/13/2022

Analyte

Surr: DNOP

Sample ID: LCS-70192	SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 701	192	F	tunNo: 9	1028				
Prep Date: 9/15/2022	Analysis Date: 9/	15/2022	S	SeqNo: 3	256971	Units: mg/K	(g		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	40 15	50.00	0	79.7	64.4	127			
Surr: DNOP	3.4	5.000		67.5	21	129			
Sample ID: MB-70132	SampType: ME	BLK	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: PBS	Batch ID: 701	132	F	RunNo: 9	1028				
	24.02. 10	_			. 0_0				
Prep Date: 9/13/2022	Analysis Date: 9/	15/2022	S	SeqNo: 3		Units: %Red	C		
Prep Date: 9/13/2022 Analyte			SPK Ref Val			Units: %Re d	%RPD	RPDLimit	Qual
•	Analysis Date: 9/			SeqNo: 32	256972		-	RPDLimit	Qual
Analyte	Analysis Date: 9/	SPK value	SPK Ref Val	%REC 70.7	256972 LowLimit	HighLimit	%RPD		Qual

Sample ID: MB-70192	SampT	уре: МЕ	BLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batcl	n ID: 70	192	F	RunNo: 9	1028						
Prep Date: 9/15/2022	Analysis D	oate: 9/	15/2022	S	SeqNo: 3	256977	Units: mg/K	(g				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Diesel Range Organics (DRO)	ND	15										
Motor Oil Range Organics (MRO)	ND	50										
Surr: DNOP	8.4		10.00		84 2	21	129					

SPK value SPK Ref Val %REC

10.00

SeqNo: 3256975

83.3

LowLimit

21

Units: %Rec

129

%RPD

RPDLimit

Qual

HighLimit

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

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2209728 20-Sep-22**

Client: ENSOLUM
Project: Jones A LS 7

Sample ID: mb SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: A91053 RunNo: 91053

Prep Date: Analysis Date: 9/15/2022 SeqNo: 3257259 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Gasoline Range Organics (GRO) ND 5.0

Surr: BFB 930 1000 93.0 37.7 212

Sample ID: 2.5ug gro Ics SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: A91053 RunNo: 91053

Prep Date: Analysis Date: 9/15/2022 SeqNo: 3257260 Units: mg/Kg

RPDLimit Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD Qual Gasoline Range Organics (GRO) 24 5.0 25.00 O 94.9 72.3 137

Surr: BFB 1800 1000 183 37.7 212

Sample ID: 2209728-001ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range

Client ID: **S-34** Batch ID: **A91053** RunNo: **91053**

Prep Date: Analysis Date: 9/15/2022 SeqNo: 3257261 Units: mg/Kg

SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Analyte Result PQL LowLimit Qual Gasoline Range Organics (GRO) 150 20 101.2 41.82 102 70 130 Surr: BFB 8800 4049 S 218 37.7 212

Sample ID: 2209728-001amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range

Client ID: S-34 Batch ID: A91053 RunNo: 91053

Prep Date: Analysis Date: 9/15/2022 SeqNo: 3257262 Units: mq/Kq

SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Analyte Result PQL LowLimit Qual Gasoline Range Organics (GRO) 140 20 101.2 41.82 102 70 0.195 130 20 Surr: BFB 9200 4049 228 37.7 212 0 0 S

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 Quantitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Hall Environmental Analysis Laboratory, Inc.

WO#: 2209728

20-Sep-22

Client: ENSOLUM Project: Jones A LS 7

Sample ID: mb SampType: MBLK TestCode: EPA Method 8021B: Volatiles

Client ID: PBS Batch ID: C91053 RunNo: 91053

Prep Date: Analysis Date: 9/15/2022 SeqNo: 3257337 Units: mg/Kg

PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Analyte Result Qual Benzene ND 0.025

Toluene ND 0.050 0.050 Ethylbenzene ND Xylenes, Total ND 0.10

Surr: 4-Bromofluorobenzene 0.88 1.000 88.4 70 130

Sample ID: 100ng btex Ics SampType: LCS TestCode: EPA Method 8021B: Volatiles

Client ID: LCSS Batch ID: C91053 RunNo: 91053

Prep Date: Analysis Date: 9/15/2022 SeaNo: 3257338 Units: ma/Ka

1 Top Bate.	7 tildiyolo L	Julio. 3 1	13/2022	,	Joq110. 3	237330	Onito. Ing/it	9			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	0.88	0.025	1.000	0	87.9	80	120				
Toluene	0.91	0.050	1.000	0	90.7	80	120				
Ethylbenzene	0.90	0.050	1.000	0	89.8	80	120				
Xylenes, Total	2.7	0.10	3.000	0	89.6	80	120				
Surr: 4-Bromofluorobenzene	0.89		1.000		88.7	70	130				

Sample ID: 2209728-002ams SampType: MS TestCode: EPA Method 8021B: Volatiles Client ID: S-35 Batch ID: C91053 RunNo: 91053 Prep Date: Analysis Date: 9/15/2022 SeqNo: 3257340 Units: mg/Kg

	,							-9		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.61	0.018	0.7067	0	86.9	68.8	120			
Toluene	0.64	0.035	0.7067	0.009258	89.2	73.6	124			
Ethylbenzene	0.64	0.035	0.7067	0	90.2	72.7	129			
Xylenes, Total	1.9	0.071	2.120	0.02664	88.8	75.7	126			
Surr: 4-Bromofluorobenzene	0.62		0.7067		88.3	70	130			

TestCode: EPA Method 8021B: Volatiles Sample ID: 2209728-002amsd SampType: MSD

Client ID: S-35 Batch ID: C91053 RunNo: 91053

Prep Date:	Analysis D	Analysis Date: 9/15/2022			SeqNo: 3257341 Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.62	0.018	0.7067	0	88.1	68.8	120	1.37	20	
Toluene	0.65	0.035	0.7067	0.009258	90.1	73.6	124	0.923	20	
Ethylbenzene	0.65	0.035	0.7067	0	91.5	72.7	129	1.46	20	
Xylenes, Total	1.9	0.071	2.120	0.02664	89.6	75.7	126	0.954	20	
Surr: 4-Bromofluorobenzene	0.63		0.7067		88.7	70	130	0	0	

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
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix interference
- Analyte detected in the associated Method Blank
- Estimated value
- Analyte detected below quantitation limits
- Sample pH Not In Range
- RL Reporting Limit

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Received by OCD: 11/29/2022 7:12:34 AM

ENVIRONMENTAL ANALYSIS LABORATORY Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109

TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: **ENSOLUM** Work Order Number: 2209728 RcptNo: 1 Guarage Salzat Received By: Juan Rojas 9/15/2022 7:35:00 AM Completed By: Sean Livingston 9/15/2022 8:03:39 AM Reviewed By: 5.22 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? No 🗌 NA 🗌 Yes 🗸 4. Were all samples received at a temperature of >0° C to 6.0°C NA 🗌 5. Sample(s) in proper container(s)? Yes V No 🗌 Sufficient sample volume for indicated test(s)? Yes V No [7. Are samples (except VOA and ONG) properly preserved? Yes V No [8. Was preservative added to bottles? Yes No V NA 🗌 9. Received at least 1 vial with headspace <1/4" for AQ VOA? NA V Yes | No 10. Were any sample containers received broken? Yes L No V # of preserved bottles checked 11. Does paperwork match bottle labels? Yes 🗸 No 🗌 for pH: (Note discrepancies on chain of custody) (<2 or >12 unless noted) Adjusted? 12. Are matrices correctly identified on Chain of Custody? Yes V No 🗌 13. Is it clear what analyses were requested? Yes V No 🗌 14. Were all holding times able to be met? No 🗌 Yes V (If no, notify customer for authorization.) Special Handling (if applicable) 15. Was client notified of all discrepancies with this order? Yes No 🗌 NA V Person Notified: Date: By Whom: Via: eMail Phone Fax In Person Regarding: Client Instructions: 16. Additional remarks: 17. Cooler Information Cooler No Temp °C Condition Seal Intact Seal No Seal Date Signed By 1 3.9 Good

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Released to Imaging: 12/9/2022 10:52:17 A

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

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

Action 161898

CONDITIONS

Operator:	OGRID:
Enterprise Field Services, LLC	241602
PO Box 4324	Action Number:
Houston, TX 77210	161898
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By		Condition Date
nvelez	None	12/9/2022