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**

Responsible Party: Enterprise Field Services, LLC	OGRID: <b>241602</b>
Contact Name: Thomas Long	Contact Telephone: <b>505-599-2286</b>
Contact email:tjlong@eprod.com	Incident # (assigned by OCD) nAPP2305944258
Contact mailing address: 614 Reilly Ave, Farmington, NM 87401	

### **Location of Release Source**

Latitude 36.59961

(NAD 83 in decimal degrees to 5 decimal places)

)

Site Name Lateral K-17	Site Type Natural Gas Gathering Pipeline	
Date Release Discovered: 02/22/2023	Serial Number ( <i>if applicable</i> ): <b>N/A</b>	

Unit Letter	Section	Township	Range	County
0	6	27N	8W	Rio Arriba

Surface Owner: State Federal Tribal Private (Name: BLM

### Nature and Volume of Release

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

Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	Yes No
Condensate	Volume Released (bbls): Estimated 10 BBLs	Volume Recovered (bbls): None
Natural Gas	Volume Released (Mcf): 52.4 MCF	Volume Recovered (Mcf): None
Other (describe)	Volume/Weight Released (provide units):	Volume/Weight Recovered (provide units)

**Cause of Release**: On February 21, 2023, Enterprise had a release of natural gas and natural gas liquids from the Lateral K-17 pipeline. The pipeline was isolated, depressurized, locked and tagged out. No fire nor injuries occurred. Repairs and remediation began on February 28, 2023, at which time Enterprise determined the release reportable per NMOCD regulation, due to the volume of impacted subsurface soil. Remediation and repairs were completed on March 7, 2023. The final excavation dimensions measured approximately fifteen (15) feet long by fifteen (15) feet wide by twenty-two (22) feet deep. A total of 300 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.

### 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.

<b><u>Closure Report Attachment Checklist</u>:</b> Each of the following item	s must be included in the closure report.	
A scaled site and sampling diagram as described in 19.15.29.11 N	IMAC	
Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District off must be notified 2 days prior to liner inspection)		
Laboratory analyses of final sampling (Note: appropriate ODC D	istrict office must be notified 2 days prior to final sampling)	
Description of remediation activities		
I hereby certify that the information given above is true and complete to and regulations all operators are required to report and/or file certain re- may endanger public health or the environment. The acceptance of a C should their operations have failed to adequately investigate and remed human health or the environment. In addition, OCD acceptance of a C compliance with any other federal, state, or local laws and/or regulation restore, reclaim, and re-vegetate the impacted surface area to the condit accordance with 19.15.29.13 NMAC including notification to the OCD	lease notifications and perform corrective actions for releases which -141 report by the OCD does not relieve the operator of liability iate contamination that pose a threat to groundwater, surface water, -141 report does not relieve the operator of responsibility for ns. The responsible party acknowledges they must substantially ions that existed prior to the release or their final land use in	
Printed Name: Thomas Long Title: Senior Environmental Scientist		
Signature:		
email: <u>tjlong@eprod.com</u> Telephone <u>: (505) 599-2286</u>		
OCD Only		
Received by:	Date:	
	iability should their operations have failed to adequately investigate and er, human health, or the environment nor does not relieve the responsible egulations.	
Closure Approved by: Nelson Velez	Date:06/13/2023	
Closure Approved by: <u>Nelson Velez</u> Printed Name: <u>Nelson Velez</u>	Title: Environmental Specialist - Adv	





### **CLOSURE REPORT**

Property:

Lateral K-17 (02/28/23) Unit Letter O, S20 T27N R8W San Juan County, New Mexico

### New Mexico EMNRD OCD Incident ID No. NAPP2305944258

June 8, 2023

Ensolum Project No. 05A1226230

Prepared for:

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

Prepared by:

Chad D'Aponti Project Scientist

umm

Kyle Summers Senior Managing Geologist

Ensolum, LLC | Environmental, Engineering & Hydrogeologic Consultants

606 South Rio Grande, Suite A | Aztec, NM 87410 | ensolum.com

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	Figure 3: Site Map with Soil Analytical Results

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- Appendix D Photographic Documentation
- Appendix E Regulatory Correspondence
- Appendix F Table 1 Soil Analytical Summary
- Appendix G Laboratory Data Sheets & Chain of Custody Documentation



### 1.0 INTRODUCTION

### 1.1 Site Description & Background

Operator:	Enterprise Field Services, LLC / Enterprise Products Operating LLC (Enterprise)
Site Name:	Lateral K-17 (02/28/23) (Site)
NM EMNRD OCD Incident ID No.	NAPP2305944258
Location:	36.558486° North, 107.707610° West Unit Letter O, Section 20, Township 27 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 February 21, 2023, Enterprise discovered a potential release on the Lateral K-17 pipeline. Enterprise personnel subsequently isolated and locked the pipeline out of service. On February 28, 2023, Enterprise initiated activities to repair the pipeline and remediate potential petroleum hydrocarbon impact. In addition, 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 19.15.29 New Mexico Administrative Code (NMAC), 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 or in the adjacent PLSS sections (Figure A, Appendix B).
- No cathodic protection wells (CPWs) were identified in the NM EMNRD OCD imaging database in the same PLSS section as the Site, and no CPWs were identified in the adjacent PLSS sections **Figure B** (Appendix B).

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- 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 fresh water 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 available information 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 <sup>1</sup>	Method	Limit
Chloride	EPA 300.0 or SM4500 CI B	10,000 mg/kg
TPH (GRO+DRO+MRO) <sup>2</sup>	EPA SW-846 Method 8015	2,500 mg/kg
TPH (GRO+DRO)	EPA SW-846 Method 8015	1,000 mg/kg
BTEX <sup>3</sup>	EPA SW-846 Method 8021 or 8260	50 mg/kg
Benzene	EPA SW-846 Method 8021 or 8260	10 mg/kg

<sup>1</sup> – Constituent concentrations are in milligrams per kilogram (mg/kg).

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

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<sup>&</sup>lt;sup>3</sup> – Benzene, Toluene, Ethylbenzene, and Total Xylenes (BTEX).

Closure Report Enterprise Field Services, LLC Lateral K-17 (02/28/23)

Page 3

Tier I Closure Criteria for Soils Impacted by a Release		
Constituent <sup>1</sup>	Method	Limit
Chloride	EPA 300.0 or SM4500 CI B	600 mg/kg
TPH (GRO+DRO+MRO) <sup>2</sup>	EPA SW-846 Method 8015	100 mg/kg
BTEX <sup>3</sup>	EPA SW-846 Method 8021 or 8260	50 mg/kg
Benzene	EPA SW-846 Method 8021 or 8260	10 mg/kg

<sup>1</sup> – Constituent concentrations are in milligrams per kilogram (mg/kg).

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

<sup>3</sup> – Benzene, Toluene, Ethylbenzene, and Total Xylenes (BTEX).

### 3.0 SOIL REMEDIATION ACTIVITIES

On February 28, 2023, Enterprise initiated activities to repair the pipeline and remediate petroleum hydrocarbon impact resulting from the release. During the remediation and corrective action activities, Sunland Construction, Inc, provided heavy equipment and labor support, while Ensolum provided environmental consulting support.

The final excavation measured approximately 15 feet long and 15 feet wide at the maximum extents. The maximum depth of the excavation measured approximately 22 feet bgs. The lithology encountered during the completion of remediation activities consisted primarily of silty sand underlain by sandstone.

Approximately 300 cubic yards (yd<sup>3</sup>) of petroleum hydrocarbon-affected soils 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**.

### 4.0 SOIL SAMPLING PROGRAM

Ensolum field screened the soil samples from the excavation utilizing a calibrated Dexsil PetroFLAG<sup>®</sup> 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 six composite soil samples (S-1a and S-1 through S-5) from the excavation for laboratory analysis. The composite samples were comprised of five aliquots each and represent an estimated 200 square foot ( $ft^2$ ) sample area or less per guidelines outlined in Section D of 19.15.29.12 NMAC. The excavator bucket was utilized to obtain fresh aliquots from each area of the excavation. Regulatory correspondence is provided in **Appendix E**.

### First Sampling Event

On March 1, 2023, sampling was performed at the Site. The NM EMNRD OCD was notified of the sampling event although no representative was present during sampling activities. Composite soil sample S-1 (13') was collected from the floor of the excavation. Composite soil samples S-2 (0' to 13'), S-3 (0' to 13'), S-4 (0' to 13'), and S-5 (0' to 13') were collected from the walls of the excavation. Subsequent soil analytical results identified total BTEX, and TPH concentrations that exceeded the NM EMNRD OCD closure criteria for composite soil sample S-1.



#### Second Sampling Event

In response to the exceedances of composite sample S-1 during the first sampling event, the excavation was deepened. The impacted soils were removed by excavation and transported to the landfarm for disposal/remediation. On March 7, 2023, a second sampling event was performed at the Site. The NM EMNRD OCD was notified of the sampling event although no representative was present during sampling activities. Composite soil sample S-1a (22') was collected from the floor of the excavation to replace composite soil sample S-1.

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-1a and S-2 through S-5) to the applicable NM EMNRD OCD closure criteria. The soil associated with composite soil sample S-1 was removed from the Site, and therefore, is not included in the following discussion. The laboratory analytical results are summarized in **Table 1** (**Appendix F**).

- The laboratory analytical results for all composite soil samples collected from soils remaining at the Site indicate benzene is not present at concentrations greater than the laboratory PQLs/RLs, which are less than the NM EMNRD OCD closure criteria of 10 mg/kg.
- The laboratory analytical results for composite soil samples S-2, S-3, S-4, and S-5 indicate total BTEX concentrations of 0.13 mg/kg (for each sample), which are less than the New Mexico EMNRD OCD closure criteria of 50 mg/kg. The laboratory analytical results for composite soil sample S-1a indicate total BTEX is not present at concentrations greater than the laboratory PQLs/RLs, which are less than the NM EMNRD OCD closure criteria of 50 mg/kg.
- The laboratory analytical results for composite soil sample S-3 indicates a combined TPH GRO/DRO concentration of 17 mg/kg, which is less than the New Mexico 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 collected from 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 New Mexico 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 sample S-3 indicates a combined TPH GRO/DRO/MRO concentration of 17 mg/kg, which is less than the New Mexico EMNRD OCD

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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 collected from 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 New Mexico 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 composite soil samples S-2, S-4, and S-5 indicate chloride concentrations of 130 mg/kg, 120 mg/kg, and 120 mg/kg, respectively, which are less than the New Mexico EMNRD OCD closure criteria of 600 mg/kg or 10,000 mg/kg (depending on the depth of the represented soil). The laboratory analytical results for all composite soil samples collected from soils remaining at the Site indicate chloride is not present at concentrations greater than the laboratory PQLs/RLs, which are less than the New Mexico EMNRD OCD closure criteria of 600 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.

### 8.0 FINDINGS AND RECOMMENDATION

- Six composite soil samples were collected from the Site. Based on laboratory analytical results, no benzene, total BTEX, chloride, or combined TPH GRO/DRO or TPH GRO/DRO/MRO exceedances were identified in the soils remaining at the Site.
- Approximately 300 yd<sup>3</sup> of petroleum hydrocarbon-affected soils 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.

### 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

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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.



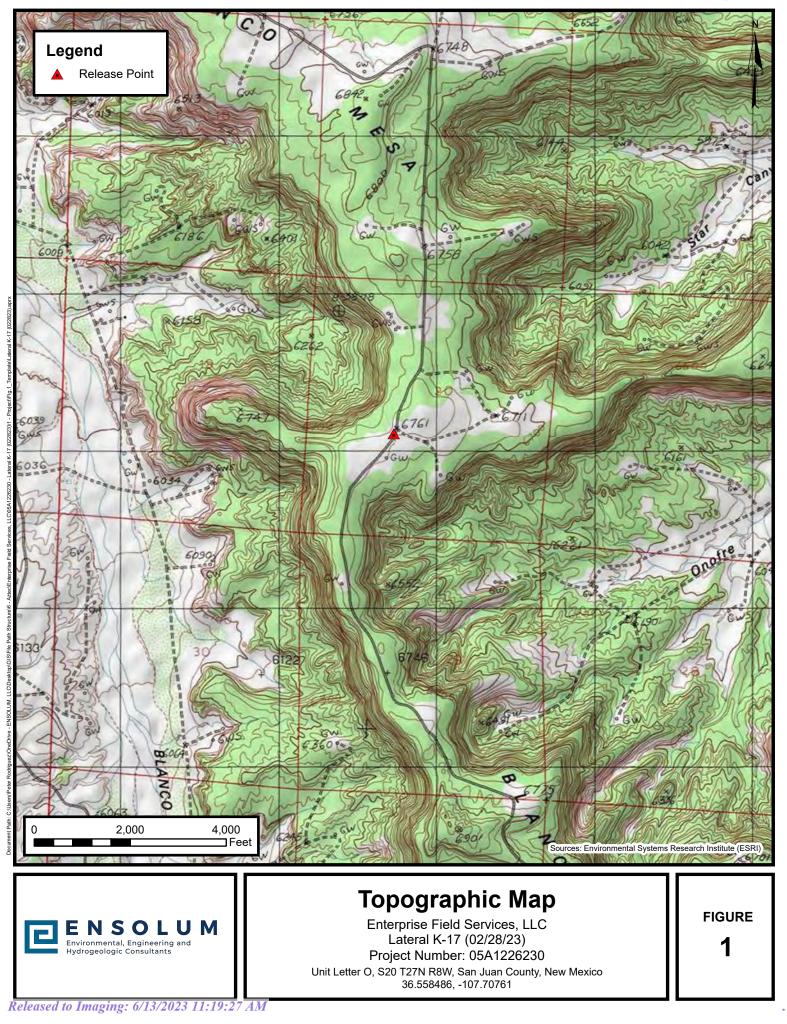


### **APPENDIX A**

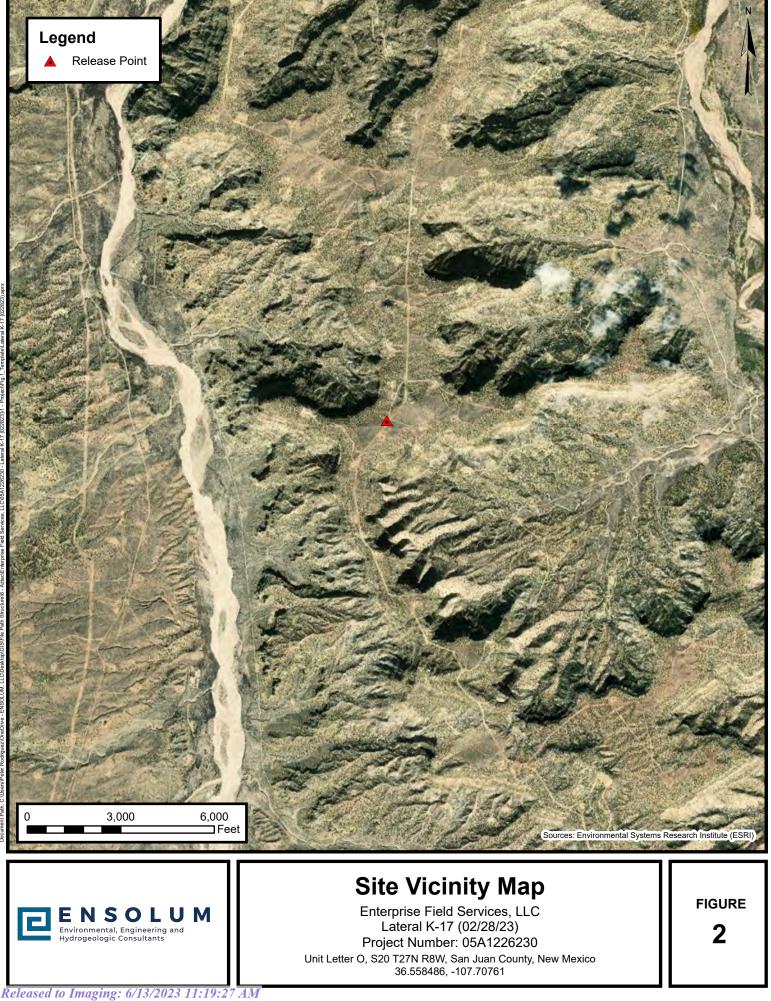
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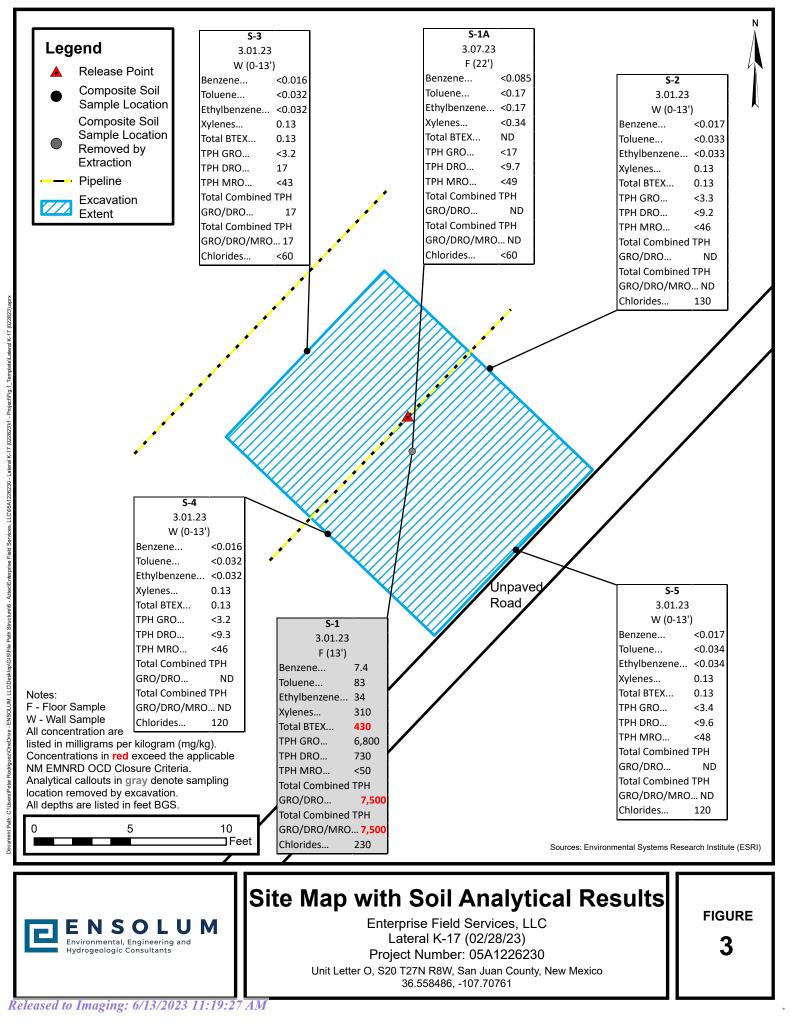
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Received by OCD: 6/13/2023 8:24:40 AM



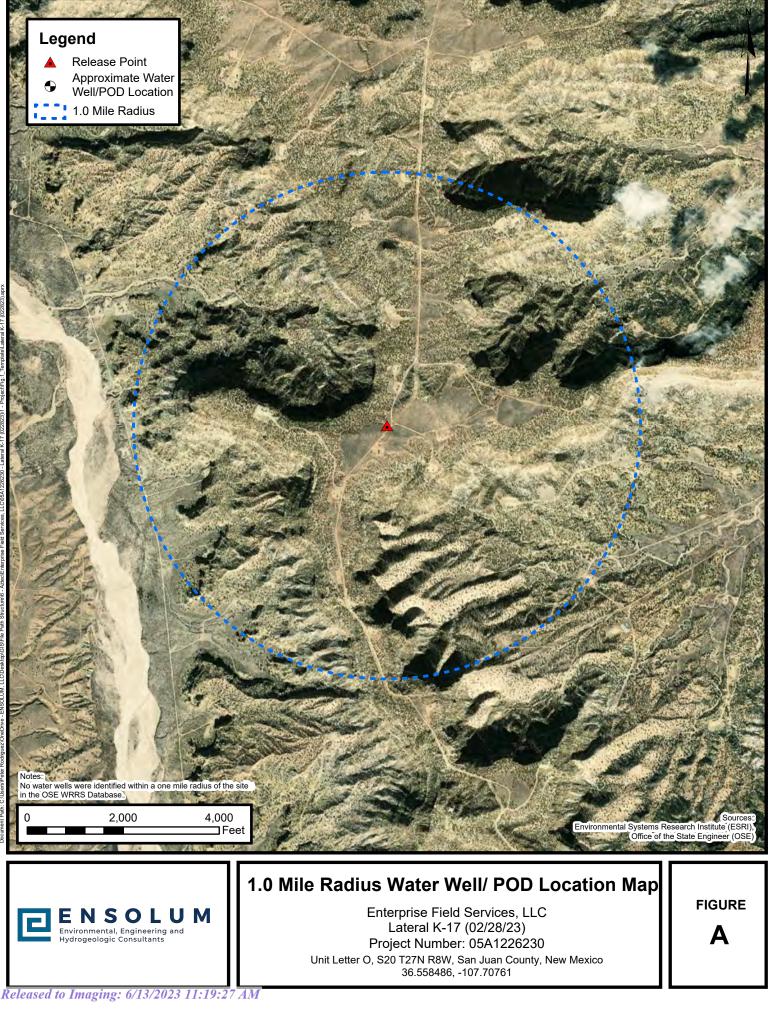


### APPENDIX B

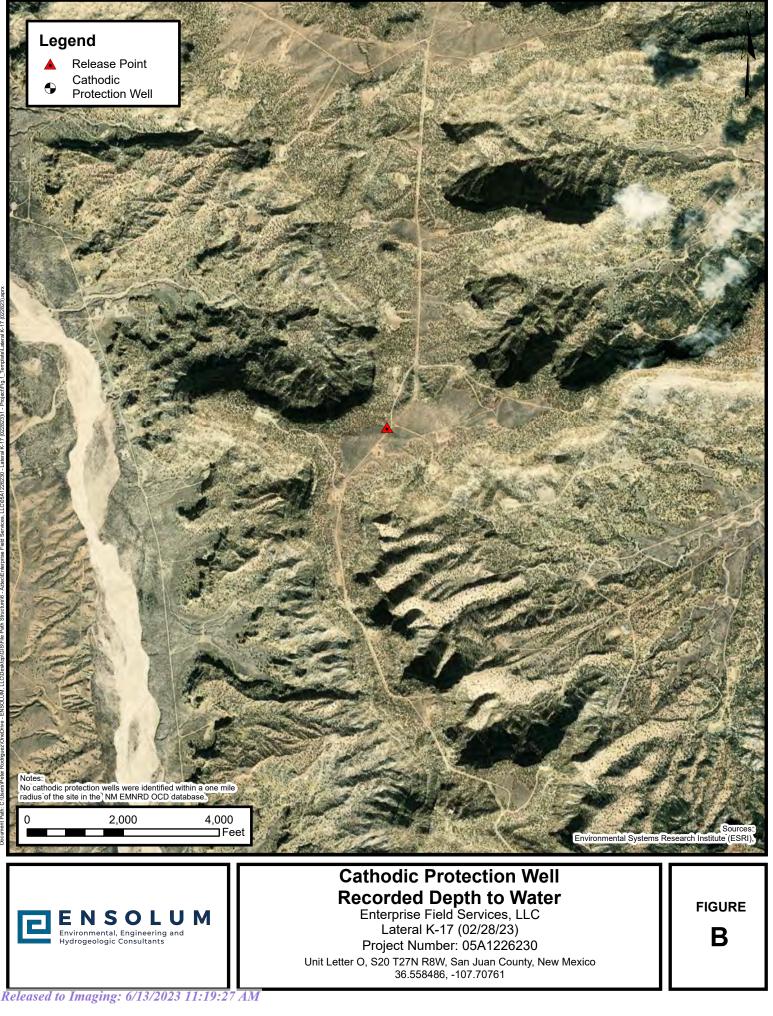
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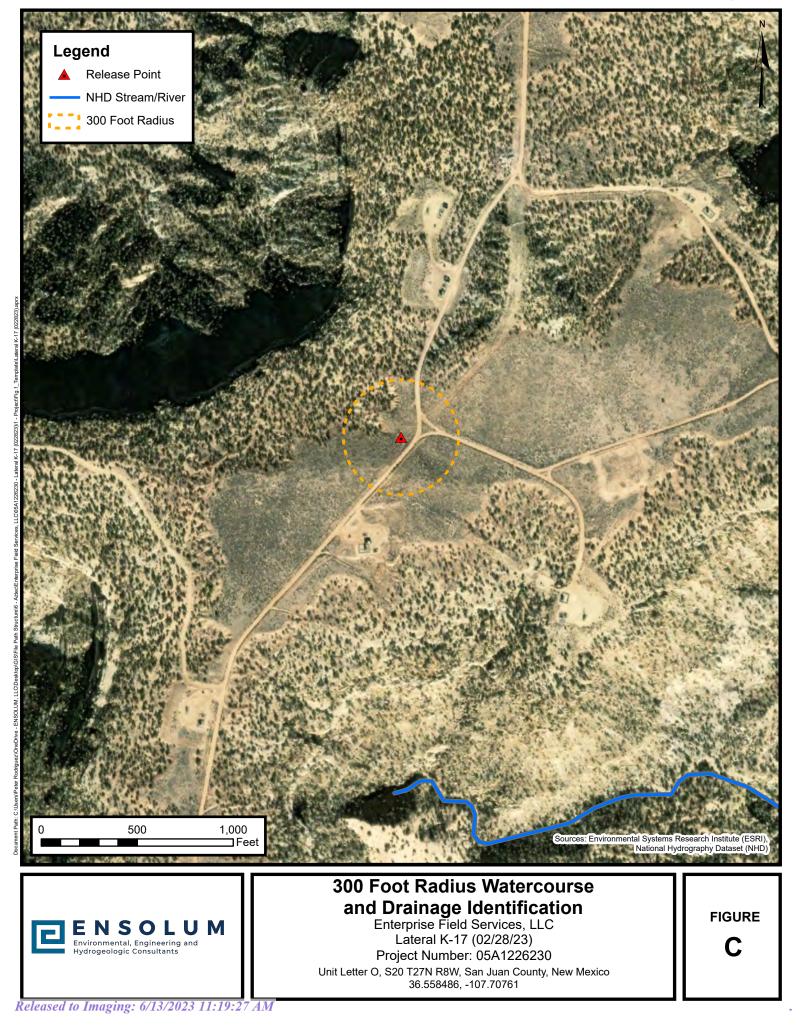
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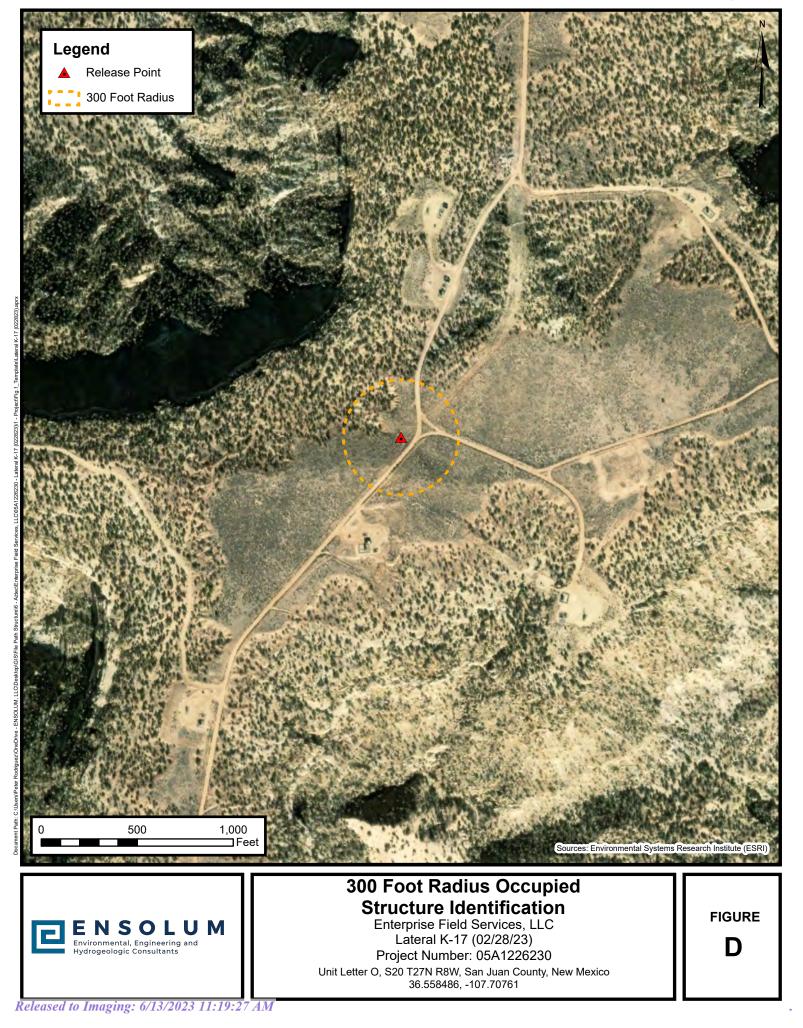
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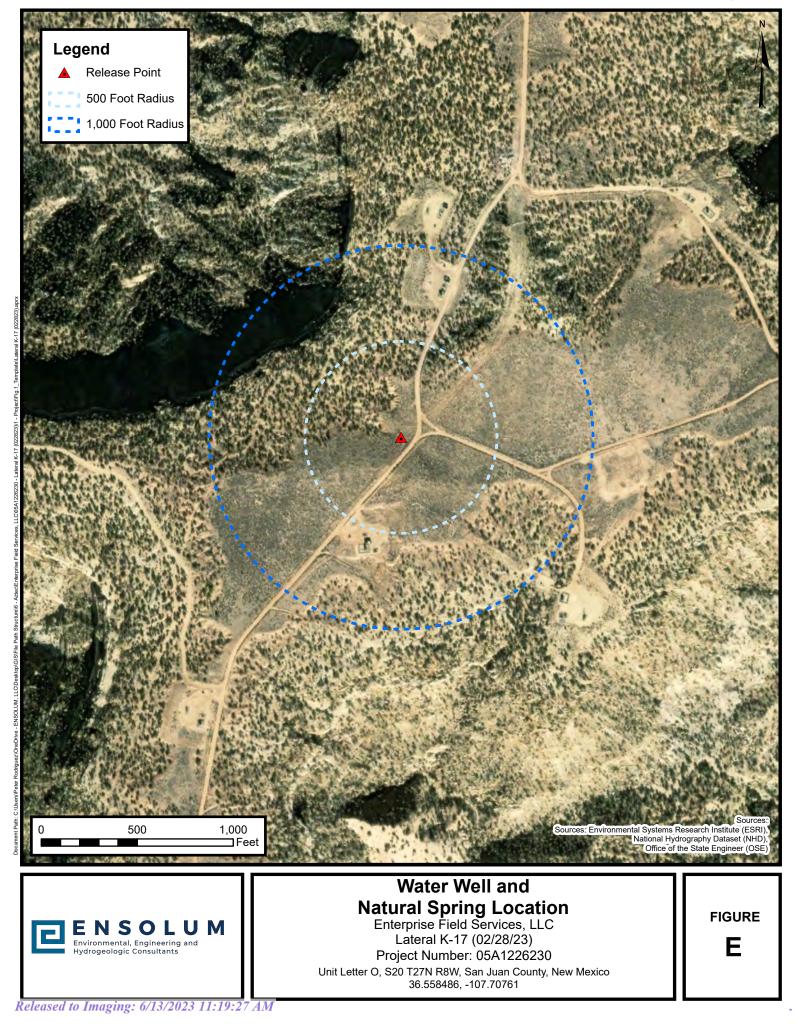
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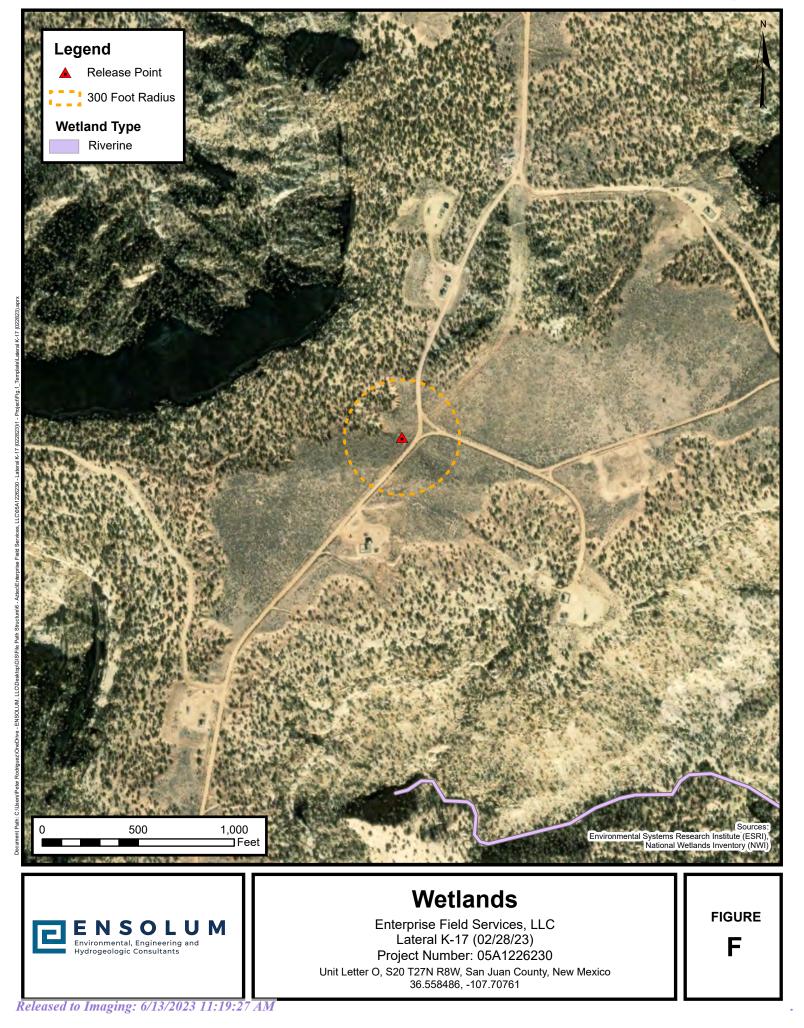
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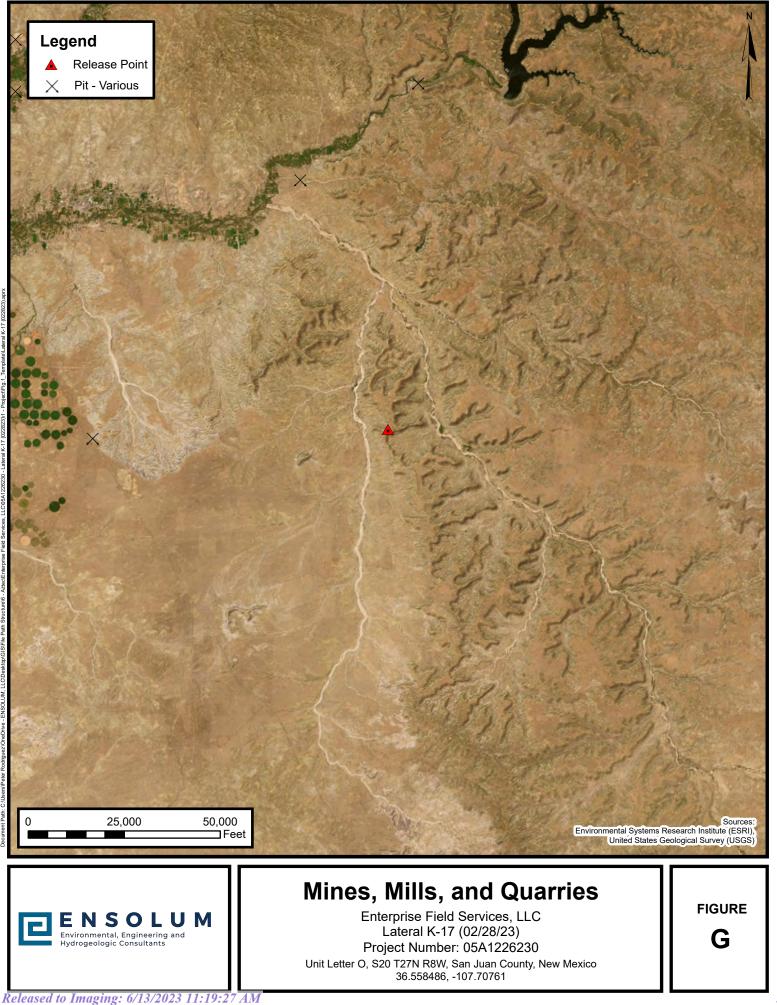
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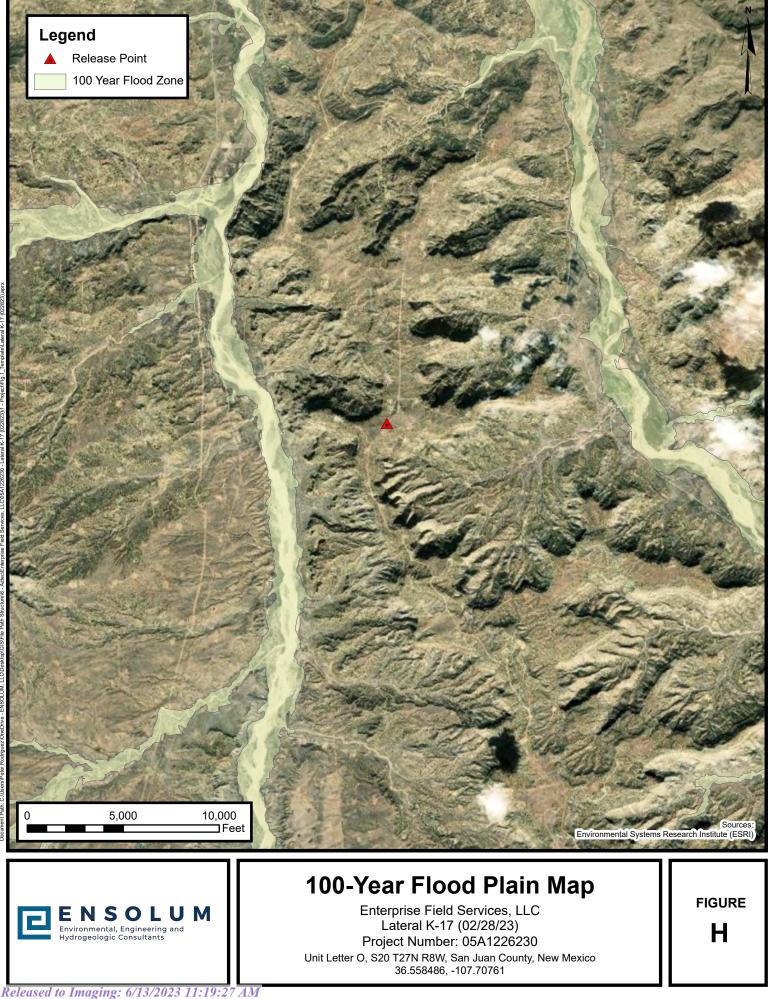
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#### Received by OCD: 6/13/2023 8:24:40 AM





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

No records found.

#### PLSS Search:

Section(s): 20, 16, 17, 18, Township: 27N Range: 08W 19, 21, 28, 29, 30

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.



## APPENDIX C

Executed C-138 Solid Waste Acceptance Form Received by OCD: 6/13/2023 8:24:40 AM

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. 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

\*Surface Waste Management Facility Operator and Generator shall maintain and make this documentation available for Division inspection. 970,577-/125

### **REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE**

REQUEST FOR ATTROVAL TO A	ACCEFT SULID WASTE
1. Generator Name and Address: Enterprise Field Services, LLC, 614 Reilly Ave, Farmington NM 87401	
2. Originating Site: Lateral K-17	AFE: N64942 PM: ME Eddleman Pay Key: AM14058
<ol> <li>Location of Material (Street Address, City, State or ULSTR): UL O Section 6 T27N R8W; 36.59961, -107.71999</li> </ol>	Feb/March 2023
4. Source and Description of Waste: Source: Hydrocarbon contaminated soil associated with remediation active Description: Hydrocarbon contaminated soil associated with remediation a Estimated Volume <u>50</u> yd <sup>3</sup> bbls Known Volume (to be entered by the oper	ities from a natural gas pipeline release.
5. GENERATOR CERTIFICATION STATEM	ENT OF WASTE STATUS
I, Thomas Long Janu Lay, representative or authorized agent for Enterprise Pro Generator Signature certify that according to the Resource Conservation and Recovery Act (RCRA) regulatory determination, the above described waste is: (Check the appropriate	and the US Environmental Protection Agency's July 1988
RCRA Exempt: Oil field wastes generated from oil and gas exploratio exempt waste. <u>Operator Use Only: Waste Acceptance Frequency</u>	
☐ RCRA Non-Exempt: Oil field waste which is non-hazardous that does characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or subpart D, as amended. The following documentation is attached to demor the appropriate items)	listed hazardous waste as defined in 40 CFR, part 261,
□ MSDS Information □ RCRA Hazardous Waste Analysis □ Process K	nowledge D Other (Provide description in Box 4)
GENERATOR 19.15.36.15 WASTE TESTING CERTIFICATION	ON STATEMENT FOR LANDFARMS
I, Thomas Long 2-27-2023, representative for Enterprise Products Op Generator Signature the required testing/sign the Generator Waste Testing Certification.	erating authorize to complete
1, <u>Greg</u> <u>Crabbuse</u> , representative for <u>Envirotech</u> representative samples of the oil field waste have been subjected to the paint fil have been found to conform to the specific requirements applicable to landfarm of the representative samples are attached to demonstrate the above-described v 19.15.36 NMAC.	s pursuant to Section 15 of 19.15.36 NMAC. The results
5. Transporter: Sunland Construction	
OCD Permitted Surface Waste Management Facility Name and Facility Permit #: Envirotech, Inc. Soil Remediation Facility * Permit #: NM01-0 Address of Facility: Hill Top, NM Method of Treatment and/or Disposal:	undfarm  Landfill  Other DENIED (Must Be Maintained As Permanent Record)
PRINT NAME: Greg Crabbren TITLE: E	nviro MANAgen DATE: 2/27/23
SIGNATURE:	HONE NO.: _505-632-0615

Form C-138 Revised 08/01/11



## APPENDIX D

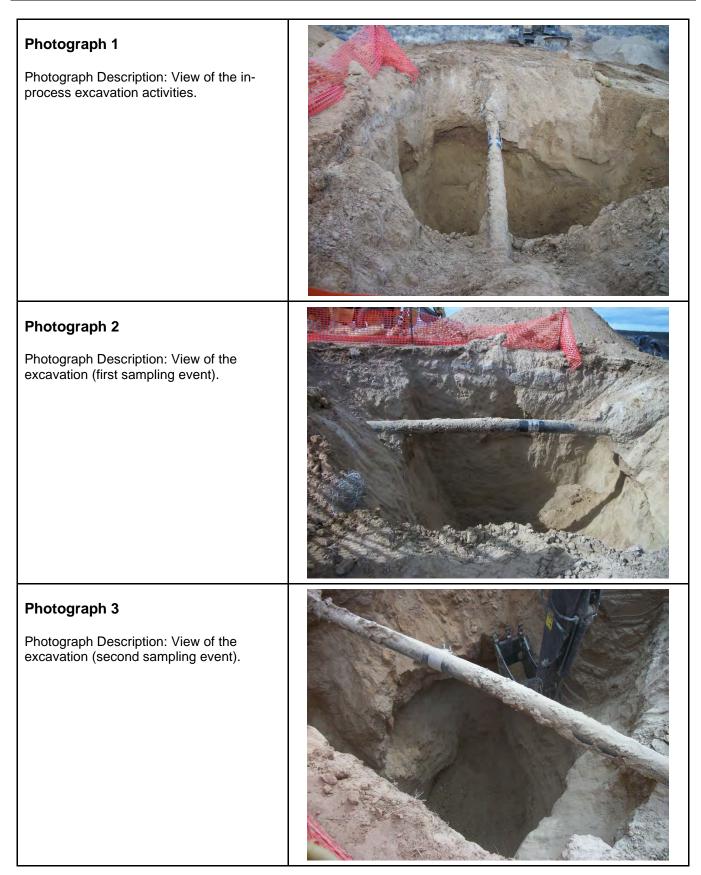
## **Photographic Documentation**

Released to Imaging: 6/13/2023 11:19:27 AM

### SITE PHOTOGRAPHS

Closure Report Enterprise Field Services, LLC Lateral K-17 (02/28/23) Ensolum Project No. 05A1226230





Closure Report Enterprise Field Services, LLC Lateral K-17 (02/28/23) Ensolum Project No. 05A1226230



### Photograph 4

Photograph Description: View of the site after initial restoration.





## APPENDIX E

## **Regulatory Correspondence**

Released to Imaging: 6/13/2023 11:19:27 AM

From:	Kyle Summers
To:	Chad D"Aponti
Cc:	Ranee Deechilly
Subject:	FW: [EXTERNAL] Lateral K-17 - UL O Section 6 T27N R8W; 36.59961, -107.71999- Incident # nAPP2305944258
Date:	Monday, March 6, 2023 12:14:33 PM
Attachments:	image004.png
	image005.png
	image006.png

P	_
	and the second s

Kyle Summers Principal 903-821-5603 Ensolum, LLC in f

From: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Sent: Monday, March 6, 2023 10:58 AM
To: Long, Thomas <tjlong@eprod.com>; slandon@blm.gov
Cc: Stone, Brian <bmstone@eprod.com>; Kyle Summers <ksummers@ensolum.com>
Subject: RE: [EXTERNAL] Lateral K-17 - UL O Section 6 T27N R8W; 36.59961, -107.71999- Incident # nAPP2305944258

### [ \*\*EXTERNAL EMAIL\*\*]

Tom,

Thank you for the notice. Your variance request specifically addressing 19.15.29.12D (1a) NMAC 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 | <u>nelson.velez@emnrd.nm.gov</u> <u>http://www.emnrd.state.nm.us/OCD/</u>



From: Long, Thomas <<u>tilong@eprod.com</u>>
Sent: Monday, March 6, 2023 10:20 AM
To: Velez, Nelson, EMNRD <<u>Nelson.Velez@emnrd.nm.gov</u>>; <u>slandon@blm.gov</u>
Cc: Stone, Brian <<u>bmstone@eprod.com</u>>; Kyle Summers <<u>ksummers@ensolum.com</u>>
Subject: FW: [EXTERNAL] Lateral K-17 - UL O Section 6 T27N R8W; 36.59961, -107.71999- Incident #
nAPP2305944258

Nelson/Sherrie,

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. The base sample in the last sampling event exceeded remediation standards and additional excavating was required. Enterprise will be collecting soil samples for laboratory analysis tomorrow March 7, 2023 at 10:00 a.m. Please acknowledge acceptance of this variance request. If you have any questions, please call or email.

Thank you,

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



From: Velez, Nelson, EMNRD <<u>Nelson.Velez@emnrd.nm.gov</u>>
Sent: Tuesday, February 28, 2023 2:46 PM
To: Long, Thomas <<u>tjlong@eprod.com</u>>; <u>slandon@blm.gov</u>
Cc: Stone, Brian <<u>bmstone@eprod.com</u>>; Kyle Summers <<u>ksummers@ensolum.com</u>>
Subject: RE: [EXTERNAL] Lateral K-17 - UL O Section 6 T27N R8W; 36.59961, -107.71999- Incident #
nAPP2305944258

[Use caution with links/attachments] Tom. Thank you for the notice. Your variance request specifically addressing 19.15.29.12D (1a) NMAC 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 | <u>nelson.velez@emnrd.nm.gov</u> <u>http://www.emnrd.state.nm.us/OCD/</u>



From: Long, Thomas <tjlong@eprod.com</li>
Sent: Tuesday, February 28, 2023 2:14 PM
To: Velez, Nelson, EMNRD <<u>Nelson.Velez@emnrd.nm.gov</u>>; <u>slandon@blm.gov</u>
Cc: Stone, Brian <<u>bmstone@eprod.com</u>>; Kyle Summers <<u>ksummers@ensolum.com</u>>
Subject: [EXTERNAL] Lateral K-17 - UL O Section 6 T27N R8W; 36.59961, -107.71999- Incident # nAPP2305944258

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

Nelson/Sherrie,

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 will be collecting soil samples for laboratory analysis tomorrow March 1, 2023 at 10:00 a.m. Please acknowledge acceptance of this variance request. If you have any questions, please call or email.

Thank you,

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



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

Released to Imaging: 6/13/2023 11:19:27 AM

### E N S O L U M

TABLE 1       Lateral K-17 (02/28/23)       SOIL ANALYTICAL SUMMARY														
Sample I.D.	Date	Sample Type C- Composite G - Grab	Sample Depth (feet)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Total BTEX <sup>1</sup> (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	Total Combined TPH (GRO/DRO/) <sup>1</sup> (mg/kg)	Total Combined TPH (GRO/DRO/MRO) <sup>1</sup> (mg/kg)	Chloride (mg/kg)
		Natural Resour Iosure Criteria (1	ces Department Fier I & 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
Composite Soil Samples Removed by Excavation and Transported to the Landfarm for Diposal/Remediation														
S-1	3.01.23	С	13	7.4	83	34	310	430	6,800	730	<50	7,500	7,500	230
Excavation Composite Soil Samples														
S-1A	3.07.23	С	22	<0.085	<0.17	<0.17	<0.34	ND	<17	<9.7	<49	ND	ND	<60
S-2	3.01.23	С	0 to 13	<0.017	<0.033	<0.033	0.13	0.13	<3.3	<9.2	<46	ND	ND	130
S-3	3.01.23	С	0 to 13	<0.016	<0.032	<0.032	0.13	0.13	<3.2	17	<43	17	17	<60
S-4	3.01.23	С	0 to 13	<0.016	<0.032	<0.032	0.13	0.13	<3.2	<9.3	<46	ND	ND	120
S-5	3.01.23	С	0 to 13	<0.017	<0.034	<0.034	0.13	0.13	<3.4	<9.6	<48	ND	ND	120

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

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

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

NE = Not established

mg/kg = milligram per kilogram

BTEX = Benzene, Toluene, Ethylbenzene, and Xylenes

TPH = Total Petroleum Hydrocarbon

GRO = Gasoline Range Organics

DRO = Diesel Range Organics

MRO = Motor Oil/Lube Oil Range Organics



# APPENDIX G

# Laboratory Data Sheets & Chain of Custody Documentation

Released to Imaging: 6/13/2023 11:19:27 AM



March 07, 2023

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

RE: Lateral K 17

OrderNo.: 2303078

Dear Kyle Summers:

Hall Environmental Analysis Laboratory received 5 sample(s) on 3/2/2023 for the analyses presented in the following report.

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

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

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

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

## Hall Environmental Analysis Laboratory, Inc.

Lab Order 2303078

Date Reported: 3/7/2023

CLIENT	ENSOLUM	Client Sample ID: S-1
<b>Project:</b>	Lateral K 17	Collection Date: 3/1/2023 10:00:00 AM
Lab ID:	2303078-001	Matrix: MEOH (SOIL) Received Date: 3/2/2023 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	CAS
Chloride	230	60		mg/Kg	20	3/2/2023 11:48:31 AM	73477
EPA METHOD 8015M/D: DIESEL RANGE OF	RGANICS					Analyst	: JME
Diesel Range Organics (DRO)	730	10		mg/Kg	1	3/2/2023 10:40:50 AM	73474
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	3/2/2023 10:40:50 AM	73474
Surr: DNOP	85.9	69-147		%Rec	1	3/2/2023 10:40:50 AM	73474
EPA METHOD 8015D: GASOLINE RANGE						Analyst	: JJP
Gasoline Range Organics (GRO)	6800	160		mg/Kg	50	3/2/2023 1:01:55 PM	GS94977
Surr: BFB	523	37.7-212	S	%Rec	50	3/2/2023 1:01:55 PM	GS94977
EPA METHOD 8021B: VOLATILES						Analyst	: JJP
Benzene	7.4	0.79		mg/Kg	50	3/2/2023 1:01:55 PM	R94977
Toluene	83	1.6		mg/Kg	50	3/2/2023 1:01:55 PM	R94977
Ethylbenzene	34	1.6		mg/Kg	50	3/2/2023 1:01:55 PM	R94977
Xylenes, Total	310	3.2		mg/Kg	50	3/2/2023 1:01:55 PM	R94977
Surr: 4-Bromofluorobenzene	115	70-130		%Rec	50	3/2/2023 1:01:55 PM	R94977

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

**Qualifiers:** 

- \* Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- В Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits Sample pH Not In Range
- Р RL Reporting Limit

Page 1 of 10

## Hall Environmental Analysis Laboratory, Inc.

Lab Order 2303078

Date Reported: 3/7/2023

CLIENT	ENSOLUM	Client Sample ID: S-2
<b>Project:</b>	Lateral K 17	Collection Date: 3/1/2023 10:05:00 AM
Lab ID:	2303078-002	Matrix: MEOH (SOIL) Received Date: 3/2/2023 7:00:00 AM

Analyses	Result	RL Q	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chloride	130	60	mg/Kg	20	3/2/2023 12:00:52 PM	73477
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	JME
Diesel Range Organics (DRO)	ND	9.2	mg/Kg	1	3/2/2023 10:51:25 AM	73474
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	3/2/2023 10:51:25 AM	73474
Surr: DNOP	91.8	69-147	%Rec	1	3/2/2023 10:51:25 AM	73474
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: JJP
Gasoline Range Organics (GRO)	ND	3.3	mg/Kg	1	3/2/2023 11:28:14 AM	GS94977
Surr: BFB	112	37.7-212	%Rec	1	3/2/2023 11:28:14 AM	GS94977
EPA METHOD 8021B: VOLATILES					Analyst	: JJP
Benzene	ND	0.017	mg/Kg	1	3/2/2023 11:28:14 AM	R94977
Toluene	ND	0.033	mg/Kg	1	3/2/2023 11:28:14 AM	R94977
Ethylbenzene	ND	0.033	mg/Kg	1	3/2/2023 11:28:14 AM	R94977
Xylenes, Total	0.13	0.066	mg/Kg	1	3/2/2023 11:28:14 AM	R94977
Surr: 4-Bromofluorobenzene	95.5	70-130	%Rec	1	3/2/2023 11:28:14 AM	R94977

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

**Qualifiers:** 

- \* Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- В Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 2 of 10

## Hall Environmental Analysis Laboratory, Inc.

Lab Order 2303078

Date Reported: 3/7/2023

CLIENT	ENSOLUM	Client Sample ID: S-3
<b>Project:</b>	Lateral K 17	Collection Date: 3/1/2023 10:10:00 AM
Lab ID:	2303078-003	Matrix: MEOH (SOIL) Received Date: 3/2/2023 7:00:00 AM

Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chloride	ND	60	mg/Kg	20	3/2/2023 12:13:13 PM	73477
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	JME
Diesel Range Organics (DRO)	17	8.7	mg/Kg	1	3/2/2023 11:01:56 AM	73474
Motor Oil Range Organics (MRO)	ND	43	mg/Kg	1	3/2/2023 11:01:56 AM	73474
Surr: DNOP	93.1	69-147	%Rec	1	3/2/2023 11:01:56 AM	73474
EPA METHOD 8015D: GASOLINE RANGE					Analyst	JJP
Gasoline Range Organics (GRO)	ND	3.2	mg/Kg	1	3/2/2023 11:51:38 AM	GS94977
Surr: BFB	121	37.7-212	%Rec	1	3/2/2023 11:51:38 AM	GS94977
EPA METHOD 8021B: VOLATILES					Analyst	JJP
Benzene	ND	0.016	mg/Kg	1	3/2/2023 11:51:38 AM	R94977
Toluene	ND	0.032	mg/Kg	1	3/2/2023 11:51:38 AM	R94977
Ethylbenzene	ND	0.032	mg/Kg	1	3/2/2023 11:51:38 AM	R94977
Xylenes, Total	0.13	0.064	mg/Kg	1	3/2/2023 11:51:38 AM	R94977
Surr: 4-Bromofluorobenzene	95.3	70-130	%Rec	1	3/2/2023 11:51:38 AM	R94977

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

**Qualifiers:** 

- \* Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated. S
- В Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits Sample pH Not In Range
- Р RL Reporting Limit

Page 3 of 10

## Hall Environmental Analysis Laboratory, Inc.

Lab Order 2303078

Date Reported: 3/7/2023

CLIENT	ENSOLUM	Client Sample ID: S-4
<b>Project:</b>	Lateral K 17	Collection Date: 3/1/2023 10:15:00 AM
Lab ID:	2303078-004	Matrix: MEOH (SOIL) Received Date: 3/2/2023 7:00:00 AM

Analyses	Result	RL (	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chloride	120	61	mg/Kg	20	3/2/2023 12:25:34 PM	73477
EPA METHOD 8015M/D: DIESEL RANGE O	RGANICS				Analyst	: JME
Diesel Range Organics (DRO)	ND	9.3	mg/Kg	1	3/2/2023 11:12:33 AM	73474
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	3/2/2023 11:12:33 AM	73474
Surr: DNOP	91.8	69-147	%Rec	1	3/2/2023 11:12:33 AM	73474
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: JJP
Gasoline Range Organics (GRO)	ND	3.2	mg/Kg	1	3/2/2023 12:15:02 PM	GS94977
Surr: BFB	112	37.7-212	%Rec	1	3/2/2023 12:15:02 PM	GS94977
EPA METHOD 8021B: VOLATILES					Analyst	: JJP
Benzene	ND	0.016	mg/Kg	1	3/2/2023 12:15:02 PM	R94977
Toluene	ND	0.032	mg/Kg	1	3/2/2023 12:15:02 PM	R94977
Ethylbenzene	ND	0.032	mg/Kg	1	3/2/2023 12:15:02 PM	R94977
Xylenes, Total	0.13	0.064	mg/Kg	1	3/2/2023 12:15:02 PM	R94977
Surr: 4-Bromofluorobenzene	94.4	70-130	%Rec	1	3/2/2023 12:15:02 PM	R94977

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

**Qualifiers:** 

- \* Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- В Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits Sample pH Not In Range
- Р RL Reporting Limit

Page 4 of 10

## Hall Environmental Analysis Laboratory, Inc.

Lab Order 2303078

Date Reported: 3/7/2023

CLIENT	ENSOLUM	Client Sample ID: S-5
<b>Project:</b>	Lateral K 17	Collection Date: 3/1/2023 10:20:00 AM
Lab ID:	2303078-005	Matrix: MEOH (SOIL) Received Date: 3/2/2023 7:00:00 AM

Analyses	Result	RL Q	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chloride	120	60	mg/Kg	20	3/2/2023 12:37:55 PM	73477
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	: JME
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	3/2/2023 11:23:08 AM	73474
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	3/2/2023 11:23:08 AM	73474
Surr: DNOP	84.7	69-147	%Rec	1	3/2/2023 11:23:08 AM	73474
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: JJP
Gasoline Range Organics (GRO)	ND	3.4	mg/Kg	1	3/2/2023 12:38:30 PM	GS94977
Surr: BFB	112	37.7-212	%Rec	1	3/2/2023 12:38:30 PM	GS94977
EPA METHOD 8021B: VOLATILES					Analyst	: JJP
Benzene	ND	0.017	mg/Kg	1	3/2/2023 12:38:30 PM	R94977
Toluene	ND	0.034	mg/Kg	1	3/2/2023 12:38:30 PM	R94977
Ethylbenzene	ND	0.034	mg/Kg	1	3/2/2023 12:38:30 PM	R94977
Xylenes, Total	0.13	0.068	mg/Kg	1	3/2/2023 12:38:30 PM	R94977
Surr: 4-Bromofluorobenzene	93.7	70-130	%Rec	1	3/2/2023 12:38:30 PM	R94977

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

**Qualifiers:** 

- \* Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- В Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range RL Reporting Limit

Page 5 of 10

Client:	ENS	SOLUM									
Project:	Late	eral K 17									
Sample ID:	MB-73477	SampT	Type: mb	lk	Tes	tCode: EP	A Method	300.0: Anions	;		
Client ID:	PBS	Batcl	h ID: 734	177	F	RunNo: <b>94</b>	984				
Prep Date:	3/2/2023	Analysis E	Date: <b>3/</b> 2	2/2023	S	SeqNo: 34	35051	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND	1.5								
Sample ID:	LCS-73477	SampT	Type: Ics		Tes	tCode: EP	A Method	300.0: Anions	;		
Client ID:	LCSS	Batcl	h ID: 734	177	F	RunNo: <b>94</b>	984				
Prep Date:	3/2/2023	Analysis E	Date: <b>3/</b> 2	2/2023	Ş	SeqNo: 34	35052	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14	1.5	15.00	0	94.6	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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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2303078

07-Mar-23

WO#:

## QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

WO#:	2303078
	07-Mar-23

Client:ENSOIProject:Lateral									
Sample ID: MB-73474	SampType: MBLK	Т	estCode: EPA Method	d 8015M/D: Diesel Range	e Organics				
Client ID: PBS	Batch ID: 73474		RunNo: <b>94965</b>						
Prep Date: 3/2/2023	Analysis Date: 3/2/2023	3	SeqNo: 3434009	Units: <b>mg/Kg</b>					
Analyte	Result PQL SPK	value SPK Ref Va	al %REC LowLimit	t HighLimit %RPD	RPDLimit Qual				
Diesel Range Organics (DRO)	ND 10								
Motor Oil Range Organics (MRO) Surr: DNOP	ND 50	10.00	84.0 69	147					
	8.4	10.00	84.0 69	147					
Sample ID: LCS-73474	SampType: LCS	Т	estCode: EPA Method	d 8015M/D: Diesel Range	e Organics				
Client ID: LCSS	Batch ID: 73474		RunNo: 94965						
Prep Date: 3/2/2023	Analysis Date: 3/2/2023	3	SeqNo: 3434010	Units: <b>mg/Kg</b>					
Analyte	Result PQL SPK	value SPK Ref Va	al %REC LowLimit	t HighLimit %RPD	RPDLimit Qual				
Diesel Range Organics (DRO)		50.00 0	80.9 61.9						
Surr: DNOP	4.5	5.000	90.1 69	147					
Sample ID: 2303078-001AM	S SampType: MS	т	estCode: EPA Method	d 8015M/D: Diesel Range	e Organics				
Client ID: S-1	Batch ID: 73474		RunNo: 94965						
Prep Date: 3/2/2023	Analysis Date: 3/2/2023	3	SeqNo: 3434127	Units: <b>mg/Kg</b>					
Analyte	Result PQL SPK	value SPK Ref Va	al %REC LowLimit	t HighLimit %RPD	RPDLimit Qual				
Diesel Range Organics (DRO)		47.80 725.9	372 54.2		S				
Surr: DNOP	5.6	4.780	117 69	147					
Sample ID: 2303078-001AM	SD SampType: MSD	Т	estCode: EPA Method	a 8015M/D: Diesel Range	e Organics				
Client ID: S-1	Batch ID: 73474		RunNo: 94965						
Prep Date: 3/2/2023	Analysis Date: 3/2/2023	3	SeqNo: 3434128	Units: <b>mg/Kg</b>					
Analyte	Result PQL SPK	value SPK Ref Va	al %REC LowLimit	t HighLimit %RPD	RPDLimit Qual				
Diesel Range Organics (DRO)	780 9.1	45.50 725.9	121 54.2	135 14.6	29.2				
Surr: DNOP	4.5	4.550	99.2 69	147 0	0				
Sample ID: MB-73456	SampType: MBLK	Т	estCode: EPA Method	d 8015M/D: Diesel Range	e Organics				
Client ID: PBS	Batch ID: 73456		RunNo: <b>94965</b>						
Prep Date: 3/1/2023	Analysis Date: 3/2/2023	3	SeqNo: 3434451	Units: %Rec					
Analyte	Result PQL SPK	value SPK Ref Va	al %REC LowLimit	t HighLimit %RPD	RPDLimit Qual				
Surr: DNOP	11	10.00	113 69	147					
Sample ID: LCS-73456	SampType: LCS	Т	estCode: EPA Method	d 8015M/D: Diesel Range	• Organics				
Client ID: LCSS	Batch ID: <b>73456</b>		RunNo: <b>94965</b>		J				
Prep Date: 3/1/2023	Analysis Date: 3/2/2023	3	SeqNo: 3434452	Units: %Rec					
Analyte		value SPK Ref Va			RPDLimit Qual				
, maryto									

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 standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range

RL Reporting Limit

Client: Project:	ENSOL Lateral										
Sample ID:	LCS-73456	SampT	ype: LC	S	Tes	tCode: EF	A Method	8015M/D: Dies	sel Range	Organics	
Client ID:	LCSS	LCSS Batch ID: 73456				RunNo: <b>9</b> 4	965				
Prep Date:	3/1/2023	Analysis D	ate: <b>3/</b> 2	2/2023	S	SeqNo: 34	34452	Units: %Rec			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP		5.0		5.000		100	69	147			

#### Qualifiers:

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

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2303078

07-Mar-23

WO#:

# QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

WO#:	2303078
	07 Man 22

07-Mar-23

Client:	ENSOLU	М									
Project:	Lateral K	17									
Sample ID:	2.5ug gro lcs	SampT	Type: LC	s	Tes	tCode: EF	PA Method	8015D: Gasol	ine Range		
Client ID:	LCSS	Batcl	h ID: <b>GS</b>	94977	F	RunNo: 94	4977				
Prep Date:		Analysis E	Date: 3/2	2/2023	S	SeqNo: 34	433961	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang	ge Organics (GRO)	25	5.0	25.00	0	101	72.3	137			
Surr: BFB		2000		1000		199	37.7	212			
Sample ID:	mb	SampT	Гуре: МВ	BLK	Tes	tCode: EF	PA Method	8015D: Gasol	ine Range		
Client ID:	PBS	Batcl	h ID: <b>GS</b>	94977	F	RunNo: <b>9</b> 4	4977				
Prep Date:		Analysis E	)ate: <b>3/</b> 2	2/2023	S	SeqNo: 34	433962	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang	ge Organics (GRO)	ND	5.0								
Surr: BFB		1000		1000		103	37.7	212			
Sample ID:	2303078-002ams	SampT	Гуре: МS	5	Tes	tCode: EF	PA Method	8015D: Gasol	ine Range		
Client ID:	S-2	Batcl	h ID: <b>GS</b>	94977	F	RunNo: <b>9</b> 4	4977				
Prep Date:		Analysis D	)ate: <b>3/</b> 2	2/2023	S	SeqNo: 34	434555	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang	ge Organics (GRO)	19	3.3	16.54	1.806	103	70	130			
Surr: BFB		1400		661.4		211	37.7	212			
				001.1		211	01.1				
Sample ID:	2303078-002amsd	SampT	Гуре: МS		Tes			8015D: Gasol	ine Range		
Sample ID: Client ID:	2303078-002amsd S-2		Гуре: <b>МS</b> h ID: <b>GS</b>	5D			PA Method		ine Range		
			h ID: GS	5D 94977	F	tCode: EF	PA Method		-		
Client ID:		Batcl	h ID: GS	5D 94977	F	tCode: EF RunNo: 94	PA Method	8015D: Gasol	-	RPDLimit	Qual
Client ID: Prep Date: Analyte		Batcl Analysis D	h ID: GS Date: 3/2	5D 94977 2/2023	F	tCode: EF RunNo: 94 SeqNo: 34	PA Method 4977 434556	8015D: Gasol Units: mg/K	g		Qual

#### Qualifiers:

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- D Sample Diluted Due to Matrix
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- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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**ENSOLUM** 

Lateral K 17

**Client:** 

**Project:** 

# **QC SUMMARY REPORT** Hall Environmental Analysis Laboratory, Inc.

Sample ID: 100ng btex Ics	Samp	Туре: <b>LC</b>	S	Tes	tCode: EF	PA Method	8021B: Volat	iles		
Client ID: LCSS	Batc	h ID: <b>R9</b>	4977	F	RunNo: 94	4977				
Prep Date:	Analysis I	Date: 3/2	2/2023	\$	SeqNo: 34	433969	Units: mg/k	٤g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.87	0.025	1.000	0	86.7	80	120			
Toluene	0.90	0.050	1.000	0	89.7	80	120			
Ethylbenzene	0.89	0.050	1.000	0	89.1	80	120			
Xylenes, Total	2.7	0.10	3.000	0	90.0	80	120			
Surr: 4-Bromofluorobenzene	0.93		1.000		92.8	70	130			
Sample ID: mb	Samp	Туре: <b>МЕ</b>	BLK	Tes	stCode: EF	PA Method	8021B: Volat	iles		
Client ID: PBS	Batc	h ID: <b>R9</b>	4977	F	RunNo: <b>9</b> 4	4977				
Prep Date:	Analysis I	Date: 3/2	2/2023	\$	SeqNo: 34	433970	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	0.92		1.000		91.8	70	130			
Sample ID: 2303078-003ams	Samp	Туре: <b>МS</b>	5	Tes	stCode: EF	PA Method	8021B: Volat	iles		
Sample ID: 2303078-003ams Client ID: S-3		Type: <b>MS</b> h ID: <b>R9</b>			tCode: EF		8021B: Volat	iles		
		h ID: <b>R9</b> 4	4977	F		1977	8021B: Volat Units: mg/k			
Client ID: S-3	Batc	h ID: <b>R9</b> 4	4977	F	RunNo: <b>9</b> 4	1977			RPDLimit	Qual
Client ID: <b>S-3</b> Prep Date:	Batc Analysis I	h ID: <b>R9</b> Date: <b>3/2</b>	4977 2/2023	F	RunNo: <b>9</b> 4 SeqNo: <b>3</b> 4	1977 134564	Units: <b>mg/k</b>	(g	RPDLimit	Qual
Client ID: <b>S-3</b> Prep Date: Analyte	Batc Analysis I Result	h ID: <b>R9</b> Date: <b>3/2</b> PQL 0.016 0.032	<b>4977</b> 2/2023 SPK value	F SPK Ref Val	RunNo: 94 SeqNo: 34 %REC	4977 134564 LowLimit 68.8 73.6	Units: <b>mg/k</b> HighLimit	(g	RPDLimit	Qual
Client ID: <b>S-3</b> Prep Date: Analyte Benzene	Batc Analysis I Result 0.55 0.58 0.58	h ID: <b>R9</b> Date: <b>3/2</b> PQL 0.016 0.032 0.032	4977 2/2023 SPK value 0.6423 0.6423 0.6423	F SPK Ref Val 0.01240 0.01413 0.01683	RunNo: <b>9</b> 4 SeqNo: <b>3</b> 4 <u>%REC</u> 83.6 87.5 87.6	4977 434564 LowLimit 68.8 73.6 72.7	Units: <b>mg/k</b> HighLimit 120 124 129	(g	RPDLimit	Qual
Client ID: <b>S-3</b> Prep Date: Analyte Benzene Toluene	Batc Analysis I Result 0.55 0.58	h ID: <b>R9</b> Date: <b>3/2</b> PQL 0.016 0.032	4977 2/2023 SPK value 0.6423 0.6423	F SPK Ref Val 0.01240 0.01413	RunNo: 94 SeqNo: 34 %REC 83.6 87.5	4977 134564 LowLimit 68.8 73.6	Units: <b>mg/k</b> HighLimit 120 124	(g	RPDLimit	Qual
Client ID: <b>S-3</b> Prep Date: Analyte Benzene Toluene Ethylbenzene	Batc Analysis I Result 0.55 0.58 0.58	h ID: <b>R9</b> Date: <b>3/2</b> PQL 0.016 0.032 0.032	4977 2/2023 SPK value 0.6423 0.6423 0.6423	F SPK Ref Val 0.01240 0.01413 0.01683	RunNo: <b>9</b> 4 SeqNo: <b>3</b> 4 <u>%REC</u> 83.6 87.5 87.6	4977 434564 LowLimit 68.8 73.6 72.7	Units: <b>mg/k</b> HighLimit 120 124 129	(g	RPDLimit	Qual
Client ID: <b>S-3</b> Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total	Batc Analysis I Result 0.55 0.58 0.58 1.8 0.62	h ID: <b>R9</b> Date: <b>3/2</b> PQL 0.016 0.032 0.032	4977 2/2023 SPK value 0.6423 0.6423 0.6423 1.927 0.6423	F SPK Ref Val 0.01240 0.01413 0.01683 0.1318	RunNo: 94 SeqNo: 34 %REC 83.6 87.5 87.6 88.2 95.8	4977 434564 LowLimit 68.8 73.6 72.7 75.7 70	Units: <b>mg/k</b> HighLimit 120 124 129 126	<b>(g</b> %RPD	RPDLimit	Qual
Client ID: <b>S-3</b> Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorobenzene	Batc Analysis I Result 0.55 0.58 0.58 1.8 0.62 d Samp	h ID: <b>R9</b> Date: <b>3/2</b> PQL 0.016 0.032 0.032 0.064	4977 2/2023 SPK value 0.6423 0.6423 0.6423 1.927 0.6423 5D	F SPK Ref Val 0.01240 0.01413 0.01683 0.1318 Tes	RunNo: 94 SeqNo: 34 %REC 83.6 87.5 87.6 88.2 95.8	4977 434564 LowLimit 68.8 73.6 72.7 75.7 70 PA Method	Units: <b>mg/k</b> HighLimit 120 124 129 126 130	<b>(g</b> %RPD	RPDLimit	Qual
Client ID: <b>S-3</b> Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorobenzene Sample ID: <b>2303078-003ams</b>	Batc Analysis I Result 0.55 0.58 0.58 1.8 0.62 d Samp	h ID: <b>R9</b> Date: <b>3/2</b> PQL 0.016 0.032 0.032 0.064 Type: <b>MS</b> h ID: <b>R9</b>	4977 2/2023 SPK value 0.6423 0.6423 0.6423 1.927 0.6423 5D 4977	F SPK Ref Val 0.01240 0.01413 0.01683 0.1318 Tes	RunNo: 94 SeqNo: 34 %REC 83.6 87.5 87.6 88.2 95.8 stCode: EF	4977 434564 LowLimit 68.8 73.6 72.7 75.7 70 PA Method 4977	Units: <b>mg/k</b> HighLimit 120 124 129 126 130	Sg %RPD iles	RPDLimit	Qual
Client ID: S-3 Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorobenzene Sample ID: 2303078-003ams Client ID: S-3	Batc Analysis I Result 0.55 0.58 0.58 1.8 0.62 d Samp Batc	h ID: <b>R9</b> Date: <b>3/2</b> PQL 0.016 0.032 0.032 0.064 Type: <b>MS</b> h ID: <b>R9</b>	4977 2/2023 SPK value 0.6423 0.6423 0.6423 1.927 0.6423 5D 4977	F SPK Ref Val 0.01240 0.01413 0.01683 0.1318 Tes	RunNo: 94 SeqNo: 34 %REC 83.6 87.5 87.6 88.2 95.8 stCode: EF RunNo: 94	4977 434564 LowLimit 68.8 73.6 72.7 75.7 70 PA Method 4977	Units: mg/k HighLimit 120 124 129 126 130 8021B: Volat	Sg %RPD iles	RPDLimit	Qual
Client ID: S-3 Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorobenzene Sample ID: 2303078-003ams Client ID: S-3 Prep Date:	Batc Analysis I Result 0.55 0.58 0.58 1.8 0.62 d Samp Batc Analysis I	h ID: <b>R9</b> Date: <b>3/2</b> PQL 0.016 0.032 0.032 0.064 Type: <b>MS</b> h ID: <b>R9</b> Date: <b>3/2</b>	4977 2/2023 SPK value 0.6423 0.6423 1.927 0.6423 5D 4977 2/2023	F SPK Ref Val 0.01240 0.01413 0.01683 0.1318 Tes	RunNo: 94 SeqNo: 34 %REC 83.6 87.5 87.6 88.2 95.8 stCode: EF RunNo: 94 SeqNo: 34	4977 434564 LowLimit 68.8 73.6 72.7 75.7 70 PA Method 4977 434565	Units: mg/k HighLimit 120 124 129 126 130 8021B: Volat Units: mg/k	Sg %RPD iles Sg		
Client ID: S-3 Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorobenzene Sample ID: 2303078-003ams Client ID: S-3 Prep Date: Analyte	Batc Analysis I Result 0.55 0.58 0.58 1.8 0.62 d Samp Batc Analysis I Result	h ID: <b>R9</b> Date: <b>3/2</b> PQL 0.016 0.032 0.032 0.064 Type: <b>MS</b> h ID: <b>R9</b> Date: <b>3/2</b> PQL	4977 2/2023 SPK value 0.6423 0.6423 1.927 0.6423 5D 4977 2/2023 SPK value	F SPK Ref Val 0.01240 0.01413 0.01683 0.1318 Tes F SPK Ref Val	RunNo: 94 SeqNo: 34 %REC 83.6 87.5 87.6 88.2 95.8 stCode: EF RunNo: 94 SeqNo: 34 %REC	4977 434564 LowLimit 68.8 73.6 72.7 75.7 70 PA Method 4977 434565 LowLimit	Units: <b>mg/k</b> HighLimit 120 124 129 126 130 <b>8021B: Volat</b> Units: <b>mg/k</b> HighLimit	Sg %RPD iles Sg %RPD	RPDLimit	
Client ID: S-3 Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorobenzene Sample ID: 2303078-003ams Client ID: S-3 Prep Date: Analyte Benzene	Batc Analysis I Result 0.55 0.58 0.58 1.8 0.62 d Samp Batc Analysis I Result 0.53	h ID: <b>R9</b> Date: <b>3</b> /2 PQL 0.016 0.032 0.032 0.064 Type: <b>MS</b> h ID: <b>R9</b> Date: <b>3</b> /2 PQL 0.016	4977 2/2023 SPK value 0.6423 0.6423 1.927 0.6423 5D 4977 2/2023 SPK value 0.6423	F SPK Ref Val 0.01240 0.01413 0.01683 0.1318 Tes SPK Ref Val 0.01240	RunNo: 94 SeqNo: 34 %REC 83.6 87.5 87.6 88.2 95.8 stCode: EF RunNo: 94 SeqNo: 34 %REC 81.0	4977 434564 LowLimit 68.8 73.6 72.7 75.7 70 PA Method 4977 434565 LowLimit 68.8	Units: mg/k HighLimit 120 124 129 126 130 8021B: Volat Units: mg/k HighLimit 120	5g %RPD iles 5g %RPD 3.06	RPDLimit 20	
Client ID: S-3 Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorobenzene Sample ID: 2303078-003ams Client ID: S-3 Prep Date: Analyte Benzene Toluene	Batc Analysis I 0.55 0.58 0.58 1.8 0.62 d Samp Batc Analysis I Result 0.53 0.56	h ID: <b>R9</b> Date: <b>3</b> /2 PQL 0.016 0.032 0.032 0.064 Type: <b>MS</b> h ID: <b>R9</b> Date: <b>3</b> /2 PQL 0.016 0.032	4977 2/2023 SPK value 0.6423 0.6423 1.927 0.6423 50 4977 2/2023 SPK value 0.6423 0.6423 0.6423	SPK Ref Val 0.01240 0.01413 0.01683 0.1318 Tes SPK Ref Val 0.01240 0.01240 0.01413	RunNo: 94 SeqNo: 34 %REC 83.6 87.5 87.6 88.2 95.8 stCode: Ef RunNo: 94 SeqNo: 34 %REC 81.0 84.4	4977 434564 LowLimit 68.8 73.6 72.7 75.7 70 PA Method 4977 434565 LowLimit 68.8 73.6	Units: mg/k HighLimit 120 124 129 126 130 8021B: Volat Units: mg/k HighLimit 120 124	59 %RPD iles 59 %RPD 3.06 3.57	RPDLimit 20 20	

#### **Qualifiers:**

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated. S
- Analyte detected in the associated Method Blank в
- Е Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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WO#: 2303078

07-Mar-23

	RATORY			Al. : 505-345-397 Vebsite: www.l		M 87109 345-4107	San	nple Log-In Check List
Client Name:	ENSOLUM		Work	Order Numbe	r: 2303078			RcptNo: 1
Received By:	Tracy Case	arrubias	3/2/2023	3 7:00:00 AM				
Completed By:	Tracy Case	arrubias	,	3 7:45:21 AM				
Reviewed By: (	m		3/2/2	>				
Chain of Cus	tody							
1. Is Chain of C		ete?			Yes 🗌		No 🗹	Not Present
2. How was the	sample delive	ered?			<u>Courier</u>			
<u>Log In</u> 3. Was an atten	npt made to c	ool the sample	es?		Yes 🗹		No 🗌	
4. Were all sam	oles received	at a temperat	ure of >0°C t	o 6.0°C	Yes 🗹		No 🗍	NA 🗍
5. Sample(s) in	proper contai	ner(s)?			Yes 🗹		No 🗌	
6. Sufficient sam	ple volume fo	or indicated te	st(s)?		Yes 🗹		No 🗌	
7. Are samples (	except VOA	and ONG) pro	perly preserve	d?	Yes 🗹		No 🗌	
8. Was preserva	tive added to	bottles?			Yes 🗌		No 🗹	NA 🗌
9. Received at le	ast 1 vial with	n headspace <	:1/4" for AQ V	OA?	Yes 🗋		No 🗌	NA 🗹
10. Were any sar	nple containe	rs received br	oken?		Yes 🗌		No 🗹	# of preserved
11. Does paperwe (Note discreps		tle labels? iin of custody)			Yes 🗹		No 🗌	bottles checked for pH: (<2 or >12 unless noted)
12. Are matrices	correctly ident	tified on Chain	of Custody?		Yes 🗹		No 🗌	Adjusted?
13. Is it clear what			>		Yes 🗹		No 🗌	and the second las
14. Were all hold (If no, notify c	•				Yes 🗹		No 🗆	Checked by: Sec 3213
Special Hand	ling (if app	licable)						
15. Was client no	otified of all di	screpancies w	vith this order?		Yes 🗌		No 🗆	NA 🗹
Person By Wh	Notified:			Date: J Via:	🗍 eMail 🛛		e 🗌 Fax	☐ In Person
Regard	1			v (a.				
	nstructions:				and the second second	and the second		
16. Additional re	marks:							
17. <u>Cooler Info</u>	rmation			8 - 1 mar - 1 m				
Cooler No		Condition	Seal Intact	Seal No	Seal Date	Sigr	ned By	
1	1.9	Good	Yes	Morty		1		

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UALL ENVIDONMENTAL	ANALYSIS LABORATORY	www.hallenvironmental.com	4901 Hawkins NE - Albuquerque, NM 87109	Tel. 505-345-3975 Fax 505-345-4107	Analysis Request	*00	s. " <del>1</del> 04	8520	or ا ع (AC	910 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	8 M 9 4 0 4 0 7 9 8 0 8 0	EDB (A PAHs t CI S260 (Y 8270 (S Total C									Fd allowan P	Key Am14058 SPR
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			490	Te						- 22		08:HGT	1	7	7	7	$\overline{\ }$				 Remarks:	4
		-				(1	 208) s	SHAL				X3T8	1	*	7	7	7				 00	
Turn-Around Time:	ndard ARush 7-2-23	Project Name:	teral K-17	#		Project Manager:	K Summers	V	Yes DNo Worth	1	Cooler Temp(Including CF): 2-1 - 0.2 ~ 1.4 (°C	ner Preservative HEAL No. nd # Type 330576	lool,	Col our	1002 003	Cool, cor	lear and	The second secon			t 1/2 J/1/23	1. Will Time Tury Date Time 7:40
Turn-A	□ Standard	<sup>-</sup> roject	Lat	Project #:		Project		Sampler:	On Ice:	# of Coolers:	Cooler	Container Type and #	140501				1				Received by	Received by:
Chain-of-Custody Record	Client: Ensolum, LLC.		Mailing Address: / of S Rio Grand	50,4 A 87410	Phone #:	email or Fax#: F	QA/QC Package:	n: 🗆 Az Compliance	□ Other			Date Time Matrix Sample Name 1	1-5 5	31, 1005 5 5-2	3/, 1010 5 5-3	3/1 1015 5 5-4	5-5 5 0001 1/8				Relinquished by:	Relinquished by: MMA Ward

Released to Imaging: 6/3/2023 11:19:27 AM



March 13, 2023

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

RE: Lateral K 17

OrderNo.: 2303377

Dear Kyle Summers:

Hall Environmental Analysis Laboratory received 1 sample(s) on 3/8/2023 for the analyses presented in the following report.

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

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

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

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

## Hall Environmental Analysis Laboratory, Inc.

Lab Order 2303377

Date Reported: 3/13/2023

CLIENT	ENSOLUM	Client Sample ID: S-1A
Project:	Lateral K 17	Collection Date: 3/7/2023 10:00:00 AM
Lab ID:	2303377-001	Matrix: MEOH (SOIL) Received Date: 3/8/2023 7:30:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	SNS
Chloride	ND	60	mg/Kg	20	3/8/2023 10:36:50 AM	73574
EPA METHOD 8015M/D: DIESEL RANGE OF	GANICS				Analyst	DGH
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	3/8/2023 10:15:34 AM	73568
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	3/8/2023 10:15:34 AM	73568
Surr: DNOP	93.4	69-147	%Rec	1	3/8/2023 10:15:34 AM	73568
EPA METHOD 8015D: GASOLINE RANGE					Analyst	ССМ
Gasoline Range Organics (GRO)	ND	17	mg/Kg	5	3/8/2023 10:43:00 AM	GS95092
Surr: BFB	99.5	37.7-212	%Rec	5	3/8/2023 10:43:00 AM	GS95092
EPA METHOD 8021B: VOLATILES					Analyst	ССМ
Benzene	ND	0.085	mg/Kg	5	3/8/2023 10:43:00 AM	BS95092
Toluene	ND	0.17	mg/Kg	5	3/8/2023 10:43:00 AM	BS95092
Ethylbenzene	ND	0.17	mg/Kg	5	3/8/2023 10:43:00 AM	BS95092
Xylenes, Total	ND	0.34	mg/Kg	5	3/8/2023 10:43:00 AM	BS95092
Surr: 4-Bromofluorobenzene	103	70-130	%Rec	5	3/8/2023 10:43:00 AM	BS95092

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

**Qualifiers:** 

- \* Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated. S
- В Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits Р Sample pH Not In Range
- RL Reporting Limit

Page 1 of 5

Client: Project:	ENSOL Lateral	-								
Sample ID:	MB-73574	SampType:	MBLK	Tes	tCode: EPA	Method	300.0: Anions	S		
Client ID:	PBS	Batch ID:	73574	F	RunNo: <b>9513</b>	1				
Prep Date:	3/8/2023	Analysis Date:	3/8/2023	S	SeqNo: 3440	395	Units: mg/K	g		
Analyte		Result PC	L SPK value	SPK Ref Val	%REC Lo	owLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND	1.5							
Sample ID:	LCS-73574	SampType:	LCS	Tes	tCode: EPA	Method	300.0: Anions	5		
Client ID:	LCSS	Batch ID:	73574	F	RunNo: <b>9513</b>	1				
Prep Date:	3/8/2023	Analysis Date:	3/8/2023	S	SeqNo: <b>3440</b>	396	Units: mg/K	g		
Analyte		Result PC	L SPK value	SPK Ref Val	%REC Lo	owLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14	1.5 15.00	0	95.4	90	110			

#### Qualifiers:

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- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 2 of 5

2303377

13-Mar-23

WO#:

# **OC SUMMARY REPORT** Η

Page 54	of 59
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	WO#:	2303377
Hall Environmental Analysis Laboratory, Inc.		13-Mar-23

Client:ENSOLProject:Lateral	-									
Sample ID: LCS-73568 SampType: LCS					tCode: EF	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID: LCSS	Batch ID: 73568			F	RunNo: 9	5100				
Prep Date: 3/8/2023	Analysis D	0ate: 3/	8/2023	S	SeqNo: 34	439417	Units: mg/k	٤g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	40	10	50.00	0	80.4	61.9	130			
Surr: DNOP	4.1		5.000		82.5	69	147			
Sample ID: MB-73568	SampT	ype: ME	BLK	Tes	tCode: EF	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID: PBS	Batch	n ID: <b>73</b>	568	F	RunNo: <b>9</b>	5100				
Prep Date: 3/8/2023	Analysis D	Analysis Date: 3/8/2023 SeqNo: 3439418				Units: <b>mg/</b> #	٢g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.2		10.00		91.8	69	147			

**Qualifiers:** 

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- Н Holding times for preparation or analysis exceeded
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- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated. S
- Analyte detected in the associated Method Blank В
- Е Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 3 of 5

## QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

2303377	WO#:
13-Mar-23	

Client:	ENSOLU	М									
Project:	Lateral K	17									
Sample ID: 2.5ug	gro lcs	SampT	ype: LC	S	Tes	tCode: El	PA Method	8015D: Gasc	line Rang	e	
Client ID: LCSS		Batch	n ID: <b>GS</b>	95092	R	RunNo: 9	5092				
Prep Date:		Analysis D	ate: 3/	8/2023	S	SeqNo: 3	439423	Units: mg/k	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organ	ics (GRO)	24	5.0	25.00	0	94.0	70	130			
Surr: BFB		2200		1000		220	37.7	212			S
Sample ID: mb		SampT	уре: <b>МЕ</b>	BLK	Tes	tCode: El	PA Method	8015D: Gaso	line Rang	e	
Client ID: PBS		Batch	n ID: GS	95092	R	RunNo: <b>9</b>	5092		_		
Prep Date:		Analysis D	ate: 3/	8/2023	S	SeqNo: 3	439424	Units: mg/k	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organ	ics (GRO)	ND	5.0								
Surr: BFB		1000		1000		101	37.7	212			
Sample ID: 23033	77-001ams	SampT	уре: МS	6	Tes	tCode: El	PA Method	8015D: Gasc	line Rang	e	
Client ID: S-1A		Batch	n ID: <b>GS</b>	95092	R	RunNo: <b>9</b>	5092				
Prep Date:		Analysis D	0ate: 3/	8/2023	S	SeqNo: 3	441084	Units: mg/k	٤g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organ	ics (GRO)	84	17	85.09	0	98.4	70	130			
Surr: BFB		7400		3404		219	37.7	212			S
Sample ID: 23033	77-001amsd	SampT	уре: МS	SD	Tes	tCode: El	PA Method	8015D: Gasc	line Rang	e	
Client ID: S-1A		Batch	n ID: <b>GS</b>	95092	R	RunNo: <b>9</b>	5092				
Prep Date:		Analysis D	ate: 3/	8/2023	S	SeqNo: 3	441085	Units: <b>mg/#</b>	٤g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organ	ics (GRO)	80	17	85.09	0	94.4	70	130	4.15	20	
Surr: BFB		7200		3404		211	37.7	212	0	0	

#### Qualifiers:

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- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

# **QC SUMMARY REPORT** Hall Environmental Analysis Laboratory, Inc.

Client:	ENSOLU	Ν
Project:	Lateral K	17
Sample ID: 100	ng btex lcs	Samp

Sample ID: 100ng btex Ics	SampT	Гуре: <b>LC</b>	S	Tes	TestCode: EPA Method 8021B: Volatiles					
Client ID: LCSS	Batc	h ID: <b>BS</b>	95092	F	RunNo: <b>95092</b>					
Prep Date:	Analysis Date: 3/8/2023			S	SeqNo: 34	439426	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.90	0.025	1.000	0	90.3	80	120			
Toluene	0.92	0.050	1.000	0	92.0	80	120			
Ethylbenzene	0.92	0.050	1.000	0	92.2	80	120			
Xylenes, Total	2.8	0.10	3.000	0	92.4	80	120			
Surr: 4-Bromofluorobenzene	1.0 1.000				102	70	130			
Sample ID: mb	SampT	Гуре: <b>МЕ</b>	BLK	Tes	tCode: El	PA Method	8021B: Volat	iles		
Sample ID: mb Client ID: PBS		Type: <b>ME</b> h ID: <b>BS</b>			tCode: El		8021B: Volat	iles		
		h ID: BS	95092	F		5092	8021B: Volat Units: mg/K			
Client ID: PBS	Batcl	h ID: BS	95092 8/2023	F	RunNo: <b>9</b>	5092			RPDLimit	Qual
Client ID: <b>PBS</b> Prep Date:	Batcl Analysis I	h ID: BS Date: 3/	95092 8/2023	ਜ 2	RunNo: <b>9</b> SeqNo: <b>3</b>	5092 439427	Units: <b>mg/K</b>	ſg	RPDLimit	Qual
Client ID: <b>PBS</b> Prep Date: Analyte	Batcl Analysis I Result	h ID: <b>BS</b> Date: <b>3/</b> 3 PQL	95092 8/2023	ਜ 2	RunNo: <b>9</b> SeqNo: <b>3</b>	5092 439427	Units: <b>mg/K</b>	ſg	RPDLimit	Qual
Client ID: <b>PBS</b> Prep Date: Analyte Benzene	Batch Analysis E Result ND	h ID: <b>BS</b> Date: <b>3/</b> PQL 0.025	95092 8/2023	ਜ 2	RunNo: <b>9</b> SeqNo: <b>3</b>	5092 439427	Units: <b>mg/K</b>	ſg	RPDLimit	Qual
Client ID: <b>PBS</b> Prep Date: Analyte Benzene Toluene	Batch Analysis E Result ND ND	h ID: <b>BS</b> Date: <b>3/</b> PQL 0.025 0.050	95092 8/2023	ਜ 2	RunNo: <b>9</b> SeqNo: <b>3</b>	5092 439427	Units: <b>mg/K</b>	ſg	RPDLimit	Qual

**Qualifiers:** 

- Value exceeds Maximum Contaminant Level. \*
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated. S
- Analyte detected in the associated Method Blank в
- Е
- J
- Р Sample pH Not In Range
- RL
- Above Quantitation Range/Estimated Value
- Analyte detected below quantitation limits
- Reporting Limit

- WO#: 2303377 13-Mar-23

Cleint Name: ENSOLLIM Work Order Number: 233377 RepNo: 1   Received By: Juan Rojas Juan Rojas Jul 2023 7:56:17 AM	ANA	L VIRONMENT ALYSIS ORATORY	AL	TEI	l Environmen A L: 505-345-39 Vebsite: www	4901 Ibuquerqu 975 FAX: 5	Hawkins N e, NM 8710 05-345-410	7E 09 San 07	nple Log-In (	Check List
Reviewed By:       3 - 8 - 7         Chain of Custody         1. Is Chain of Custody complete?       Yes       No       Not Present         2. How was the sample delivered?       Courter         Loa In       3. Was an attempt made to cool the samples?       Yes       No       NA         3. Was an attempt made to cool the samples?       Yes       No       NA         4. Were all samples received at a temperature of >0° C to 6.0°C       Yes       No       NA         5. Sample(s) in proper container(s)?       Yes       No       NA         6. Sufficient sample volume for indicated test(s)?       Yes       No       NA         7. Are samples (except VOA and ONG) properly preserved?       Yes       No       NA         9. Racelved at least 1 vial with headspace <1/4" for AQ VOA?	Client Name	ENSOLUM	1	Work	Order Numb	er: 2303	377		RcptNo	: 1
Reviewed By:       3 - 8 - 7         Chain of Custody         1. Is Chain of Custody complete?       Yes       No       Not Present         2. How was the sample delivered?       Courter         Loa In       3. Was an attempt made to cool the samples?       Yes       No       NA         3. Was an attempt made to cool the samples?       Yes       No       NA         4. Were all samples received at a temperature of >0° C to 6.0°C       Yes       No       NA         5. Sample(s) in proper container(s)?       Yes       No       NA         6. Sufficient sample volume for indicated test(s)?       Yes       No       NA         7. Are samples (except VOA and ONG) properly preserved?       Yes       No       NA         9. Racelved at least 1 vial with headspace <1/4" for AQ VOA?	Received By	: Juan Roja	as	3/8/2023	3 7:30:00 AN	Л		(Juan By		
Chain of Custody       No       Not Present         1. Is Cooler of Custody complete?       Yes       No       Not Present         2. How was the sample delivered?       Courier         Log In	Completed B	y: Sean Livi	ngston	3/8/2023	3 7:54:17 AN	Λ		Sul	sol	
1. Is Chain of Custody complete?       Yes       No       Not Present         2. How was the sample delivered?       Courier         3. Was an attempt made to cool the samples?       Yes       No       NA         4. Were all samples received at a temperature of >0° C to 6.0°C       Yes       No       NA         5. Sample(s) in proper container(s)?       Yes       No       NA         6. Sufficient sample volume for indicated test(s)?       Yes       No       NA         7. Are samples (except VOA and ONG) property preserved?       Yes       No       NA         9. Received at least 1 vial with headspace <1/4" for AQ VOA?	Reviewed By	J 3-	8.23					<u> </u>	0-	
2. How was the sample delivered?       Courier         Log In       3. Was an attempt made to cool the samples?       Yes       No       NA         4. Were all samples received at a temperature of >0° C to 6.0°C       Yes       No       NA         5. Sample(s) in proper container(s)?       Yes       No       NA         6. Sufficient sample volume for indicated test(s)?       Yes       No       NA         7. Are samples (except VOA and ONO) properly preserved?       Yes       No       NA         9. Received at least 1 vial with headspace <1/4" for AQ VOA?	<u>Chain of C</u>	<u>ustody</u>					_			
Loa In         3. Was an attempt made to cool the samples?       Yes       No       NA         4. Were all samples received at a temperature of >0° C to 6.0°C       Yes       No       NA         5. Sample(s) in proper container(s)?       Yes       No       NA         6. Sufficient sample volume for indicated test(s)?       Yes       No       NA         7. Are samples (except VOA and ONG) properly preserved?       Yes       No       NA         9. Received at least 1 vial with headspace <1/4" for AQ VOA?	1. Is Chain o	f Custody comp	lete?			Yes		No 🗹	Not Present	
3. Was an attempt made to cool the samples? Yes No NA   4. Were all samples received at a temperature of >0° C to 6.0°C Yes No NA   5. Sample(s) in proper container(s)? Yes No NA   6. Sufficient sample volume for indicated test(s)? Yes No NA   7. Are samples (except VOA and ONG) properly preserved? Yes No NA   9. Received at least 1 vial with headspace <1/4" for AQ VOA?	2. How was t	he sample deliv	vered?			<u>Couri</u>	er			
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         9. Received at least 1 vial with headspace <1/4" for AQ VOA?		tempt made to	cool the samp	les?		Yes		No 🗌	NA 🗌	
6. Sufficient sample volume for indicated test(s)?       Yes       No         7. Are samples (except VOA and ONG) property 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?	4. Were all sa	amples received	l at a tempera	ture of >0° C t	o 6.0°C	Yes		No 🗌	NA 🗌	
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?	5. Sample(s)	in proper conta	iner(s)?			Yes		No 🗌		
8. Was preservative added to bottles?       Yes       No       NA         9. Received at least 1 vial with headspace <1/4" for AQ VOA?	6. Sufficient s	ample volume f	for indicated to	est(s)?		Yes	✓	No 🗌		
9. Received at least 1 vial with headspace <1/4" for AQ VOA?	7. Are sample	es (except VOA	and ONG) pr	operly preserve	ed?	Yes [	V	No 🗌		
10. Were any sample containers received broken?       Yes       No       # of preserved bottles checked for pH:         11. Does paperwork match bottle labels?       Yes       No       # of preserved bottles checked for pH:         (Note discrepancies on chain of custody)       Yes       No       Adjusted?         12. Are matrices correctly identified on Chain of Custody?       Yes       No       Adjusted?         13. Is it clear what analyses were requested?       Yes       No       Adjusted?         14. Were all holding times able to be met?       Yes       No       Checked by:       JN 316173         15. Was client notified of all discrepancies with this order?       Yes       No       NA       M         Person Notified:       Date:       Date:       In Person       In Person         Regarding:       Client Instructions:       Via:       eMail       Phone       Fax       In Person         16. Additional remarks:       17. Cooler Information       Seal No       Seal Date       Signed By       Signed By	8. Was prese	rvative added to	bottles?			Yes [		No 🗹	NA 🗌	
11. Does paperwork match bottle labels?       Yes       ✓       No       bottles checked for pH:         (Note discrepancies on chain of custody)       Yes       ✓       No       △         12. Are matrices correctly identified on Chain of Custody?       Yes       ✓       No       △         13. Is it clear what analyses were requested?       Yes       ✓       No       △         14. Were all holding times able to be met?       Yes       ✓       No       △         14. Were all holding times able to be met?       Yes       ✓       No       △         15. Was client notified of all discrepancies with this order?       Yes       No       NA       ✓         Person Notified:       Date:	9. Received a	it least 1 vial wil	th headspace	<1/4" for AQ V	OA?	Yes [		No 🗌	NA 🗹	
11. Does paperwork match bottle labels?       Yes       No       for pH:       (<2 or >12 unless noted)         12. Are matrices correctly identified on Chain of Custody?       Yes       No       Adjusted?         13. Is it clear what analyses were requested?       Yes       No       Adjusted?         14. Were all holding times able to be met?       Yes       No       Interceded by:       JN3.18/1273         15. Was client notified of all discrepancies with this order?       Yes       No       NA       Interceded by:       JN3.18/1273         15. Was client notified:       Date:       Date:       Date:       Interceded by:       JN3.18/1273         16. Additional remarks:       17. Cooler Information       Via:       eMail       Phone       Fax       In Person         17. Cooler No       Temp °C       Condition       Seal Intact       Seal No       Seal Date       Signed By	10. Were any	sample contain	ers received b	oroken?		Yes		No 🗹 🏻		
12. No induces concerning identified of offential of obstably:       1 if is is is in the issue issue is in the issue				')		Yes		No 🗌	for pH: (<2 o	r >12 unless noted)
14. Were all holding times able to be met? (If no, notify customer for authorization.)       Yes       No	12. Are matrice	es correctly ider	ntified on Chai	n of Custody?		Yes		No 🗌	Adjusted?	
(If no, notify customer for authorization.)         Special Handling (if applicable)         15. Was client notified of all discrepancies with this order?       Yes       No       NA         Person Notified:       Date:				?						TA 210100
15. Was client notified of all discrepancies with this order?       Yes       No       NA       ✓         Person Notified:       Date:       ✓						Yes		No	Checked by:	JIC 510123
Person Notified:       Date:         By Whom:       Via:         By Whom:       Via:         Client Instructions:       In Person         16. Additional remarks:         17. Cooler Information         Cooler No       Temp °C         Condition       Seal Intact       Seal No         Seal Date       Signed By	Special Har	dling (if ap	olicable)							
By Whom:       Via:       eMail       Phone       Fax       In Person         Regarding:       Client Instructions:       In Person       In Person         16. Additional remarks:       In Person       In Person       In Person         17. Cooler Information       Cooler No       Temp °C       Condition       Seal Intact       Seal No       Seal Date       Signed By	15. Was client	notified of all d	liscrepancies	with this order?		Yes		No 🗌	NA 🗹	-
Regarding:       Client Instructions:         16. Additional remarks:         17. Cooler Information         Cooler No       Temp °C         Condition       Seal Intact         Seal No       Seal Date         Signed By	Pers	on Notified:	ſ		Date:	[				
Client Instructions:         16. Additional remarks:         17. Cooler Information         Cooler No       Temp °C         Condition       Seal Intact       Seal No         Seal Date       Signed By	-		ſ		Via:	🗌 eMa	il 📋 Pho	one 🗌 Fax	In Person	
16. Additional remarks: 17. <u>Cooler Information</u> <u>Cooler No</u> Temp <sup>o</sup> C Condition Seal Intact Seal No Seal Date Signed By										
17. <u>Cooler Information</u> Cooler No Temp °C Condition Seal Intact Seal No Seal Date Signed By	L		NAME,					2 2 2 1		
Cooler No Temp °C Condition Seal Intact Seal No Seal Date Signed By										
			Condition	Cool Intent	Cool Ma	Cool D-		inned Dr.	1	
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5014	A 8	8 74110	Project #:	Tel. 50	Tel. 505-345-3975	1.0	Fax 505-345-4107	345-41	07		= 1
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email or Fax#:			Project Manager:			* <del>O</del> f		(ìn			
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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.

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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

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

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

CONDITIONS

Operator:	OGRID:
Enterprise Field Services, LLC	241602
PO Box 4324	Action Number:
Houston, TX 77210	226802
	Action Type:
	[C-141] Release Corrective Action (C-141)

#### CONDITIONS

Created By		Condition Date
nvelez	None	6/13/2023

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Action 226802