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

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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: 505-599-2286
Contact email:tjlong@eprod.com	Incident # (assigned by OCD) <b>nAPP2217138691</b>
Contact mailing address: 614 Reilly Ave, Farmington, NM 87401	

### **Location of Release Source**

Latitude 36.577109

Longitude -107.867766

(NAD 83 in decimal degrees to 5 decimal places)

)

Site Name CM Morris #1	Site Type Natural Gas Gathering Pipeline
Date Release Discovered: 06/10/2022	Serial Number ( <i>if applicable</i> ): <b>N/A</b>

Unit Letter	Section	Township	Range	County
F	14	27N	10W	San Juan

Surface Owner: State Federal Tribal Private (Name: BLM

### Nature and Volume of Release

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

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 10-15 BBLs	Volume Recovered (bbls): None
Natural Gas	Volume Released (Mcf): 0.191 MCF	Volume Recovered (Mcf): None
Other (describe)	Volume/Weight Released (provide units):	Volume/Weight Recovered (provide units)

**Cause of Release:** On June 10, 2022, Enterprise had a release of natural gas and natural gas liquids from the CM Morris #1 pipeline. The pipeline was isolated, depressurized, locked and tagged out. The release occurred in a wash (blue line on a USGS Topo). No liquids were observed on the ground surface. No fire nor injuries occurred. Remediation and repairs were completed on July 19, 2022. The final excavation dimensions measured approximately 95 feet long by 35 feet wide by 32 feet deep. A total of 2,202 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>Closure Report Attach</b>	ment Checklist: Each of the followi	ng items must be inclu	ded in the closure report.			
		0				
A scaled site and sampling diagram as described in 19.15.29.11 NMAC						
Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)						
Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)						
Description of reme	diation activities					
and regulations all operate may endanger public heal should their operations ha human health or the envir compliance with any othe	ors are required to report and/or file ce th or the environment. The acceptance ve failed to adequately investigate and onment. In addition, OCD acceptance r federal, state, or local laws and/or re	ertain release notification e of a C-141 report by the d remediate contaminat e of a C-141 report does gulations. The respons	knowledge and understand that pursuant to OCD rules ns and perform corrective actions for releases which he OCD does not relieve the operator of liability ton that pose a threat to groundwater, surface water, not relieve the operator of responsibility for ible party acknowledges they must substantially			
	getate the impacted surface area to the 13 NMAC including notification to the second		d prior to the release or their final land use in ion and re-vegetation are complete.			
	Printed Name: Thomas Long Title: Senior Environmental Scientist					
Signature:		Date:	10-11-2022			
email: tjlong@eprod.com			2286			
OCD Only						
Received by:		Date:				
remediate contamination t		ace water, human health	heir operations have failed to adequately investigate and a, or the environment nor does not relieve the responsible			
Closure Approved by:	Nelson Velez	Date:	11/14/2022			
Printed Name:	Nelson Velez	Title:	Environmental Specialist – Adv			



#### **CLOSURE REPORT**

Property:

**CM Morris #1 (06/10/22)** Unit Letter F, S14 T27N R10W San Juan County, New Mexico

#### New Mexico EMNRD OCD Incident ID No. NAPP2217138691

October 6, 2022

Ensolum Project No. 05A1226194

Prepared for:

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

Prepared by:

etech

Ranee Deechilly Project Manager

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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- Appendix F Table 1 Soil Analytical Summary
- Appendix G Laboratory Data Sheets & Chain of Custody Documentation



Operator:	Enterprise Field Services, LLC / Enterprise Products Operating LLC (Enterprise)
Site Name:	CM Morris #1 (06/10/22) (Site)
NM EMNRD OCD Incident ID No.	NAPP2217138691
Location:	36.577109° North, 107.867766° West Unit Letter F, Section 14, Township 27 North, Range 10 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 10, 2022, Enterprise personnel identified a possible release from the CM Morris #1 pipeline. Enterprise personnel subsequently isolated and locked the pipeline out of service. Enterprise subsequently notified the NM EMNRD OCD of the release. On June 16, 2022, Enterprise initiated activities to remediate potential petroleum hydrocarbon impact.

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

#### 1.2 **Project Objective**

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

#### 2.0 CLOSURE CRITERIA

The Site is subject to regulatory oversight by the 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. One POD (SJ-04045-POD1) was identified in an adjacent PLSS section. POD SJ-04045-POD1 is located approximately 1.2 miles northeast of the Site with a listed depth to water of 50 feet and is approximately 120 feet lower in elevation than the Site (Figure A, Appendix B).



- Five cathodic protection wells (CPWs) were identified in the NM EMNRD OCD imaging database in the adjacent PLSS sections. These five CPWs are depicted on Figure B (Appendix B). The records for the cathodic protection well located near the Gordon #500 well location indicate a depth to water of approximately 120 feet bqs. This cathodic protection well is located approximately 1.3 miles southwest of the Site and is approximately 74 feet higher in elevation than the Site. The record for the cathodic protection well located near the Hanks #501 well location indicates a depth to water of approximately 150 feet bgs. This cathodic protection well is located approximately 1.3 miles northeast of the Site and is approximately 90 feet lower in elevation than the Site. The record for the cathodic protection well located near the Knauff #1 well location indicates a depth to water of approximately 150 feet bos. This cathodic protection well is located approximately 1.5 miles east of the Site and is approximately two feet higher in elevation than the Site. The records for the cathodic protection well located near the Gordon #5 well location indicate a depth to water of approximately 115 feet bgs. This cathodic protection well is located approximately 1.9 miles southwest of the Site and is approximately nine feet lower in elevation than the Site. The records for the cathodic protection well located near the Hanks #500 and #13 well locations indicate a depth to water of approximately 240 feet bgs. This cathodic protection well is located approximately 1.9 miles northeast of the Site and is approximately 220 feet higher in elevation than the Site.
- The Site is located within 300 feet of a NM EMNRD OCD-defined continuously flowing watercourse or significant watercourse (**Figure C**, **Appendix B**). An ephemeral wash is located adjacent to the Site.
- The Site is not located within 200 feet of a lakebed, sinkhole, or playa lake.
- The Site is not located within 300 feet of a permanent residence, school, hospital, institution, or church (Figure D, Appendix B).
- No springs, or private domestic fresh water wells used by less than five households for domestic or stock watering purposes were identified within 500 feet of the Site (Figure E, Appendix B).
- No fresh water wells or springs were identified within 1,000 feet of the Site (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**).

ENSOLUM

Based on available information, the applicable closure criteria for soils remaining in place at the Site include:

Tier I Closure Criteria for Soils Impacted by a Release					
Constituent <sup>1</sup>	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 July 16, 2022, Enterprise initiated activities to remediate petroleum hydrocarbon impact resulting from the release. During the remediation and corrective action activities, West States Energy Contractors (West States), provided heavy equipment and labor support, while Ensolum provided environmental consulting support.

The final excavation measured approximately 95 feet long and 39 feet wide at the maximum extents. The maximum depth of the excavation measured approximately 32 feet bgs. The lithology encountered during the completion of remediation activities consisted primarily of unconsolidated sand.

Approximately 2,202 cubic yards (yd<sup>3</sup>) of petroleum hydrocarbon affected soils and 45 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 was subsequently 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 43 composite soil samples (S-1 through S-41, S-35a, and S-36a), from the excavation for laboratory analysis. The composite samples were comprised of five aliquots each and represent an estimated 200 square foot ( $ft^2$ ) 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 July 7, 2022, the first sampling event was performed at the Site. The NM EMNRD OCD and BLM were notified of the sampling event although no representatives were present during sampling activities. Composite soil samples S-1 (27') and S-2 (27') were collected from the floor of the excavation. Composite soil samples S-3 (13'-27'), S-4 (13'-27'), S-5 (13'-27'), S-6 (13'-27'), S-7 (0'-13'), S-8 (13'-20'), S-9 (20'-27'), S-10 (0'-13'), S-11 (13'-20'), and S-12 (20'-27') were collected from the walls of the excavation. Composite soil samples S-13 (13'), S-14 (8'), S-15 (3'), S-16 (3'), S-17 (8'), S-18 (13'), S-19 (0'-13'), S-20 (0'-10'), S-21 (0'-10'), S-22 (0'-13'), S-25 (13'), S-26 (8'), S-27 (13'), S-28 (8'), S-29 (0'-13'), S-30 (0'-10'), S-31 (0'-13'), S-32 (0'-10'), S-33 (3'), and S-34 (3') were collected from the sloped walls of the excavation. Composite soil samples S-23 (0'-4'), S-24 (0'-4'), S-35 (0'-4'), and S-36 (0'-4') were collected from the pipe chase overburden soil. Subsequent soil analytical results identified TPH concentrations that exceeded the NM EMNRD OCD closure criteria for composite soil samples S-1, S-2, S-5, S-6, and S-11. In response to the exceedances the excavation was enlarged. The impacted soil associated with composite samples S-1, S-2, S-5, S-6, and S-11 was removed by excavation and transported to the landfarm for disposal/remediation.

Soils associated with composite soil samples S-10, S-25 through S-28, and S-31 through S-34 (that did not exhibit closure standard exceedances from the first sampling event) had to be removed (benched) so the excavator could reach the bottom of the main excavation.

#### Second Sampling Event

On July 14, 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-35a (32') and S-36a (32') were collected from the floor of the middle section of the excavation to replace samples S-1 and S-2. These samples were designated with the "a" to differentiate them from the prior two sample designations (S-35 and S-36) that were inadvertently duplicated. Composite soil sample S-37 (13'-20') was collected from a wall of the excavation to replace sample S-11 which was removed by excavation and transported to the landfarm.

#### Third Sampling Event

On July 19, 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 samples S-38 (27'-32') and S-39 (27'-32') were collected from walls of the excavation. Composite soil samples S-40 (17'-32'), and S-41 (17'-32') were collected from walls of the excavation to replace samples S-5 and S-6 which were removed by excavation and transported to the landfarm.

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-3, S-4, S-7 through S-10, S-12 through S-41, S-35a, and S-36a) to the applicable NM EMNRD OCD closure criteria. The soils associated with composite soil samples S-1, S-2, S-5, S-6, and S-11 were removed (due to COC exceedances) from the Site, and therefore, are not included in the following discussion.

- The laboratory analytical result for composite soil sample S-14 indicates a benzene concentration of 0.059 mg/kg, which is less than the applicable NM EMNRD OCD criteria of 10 mg/kg. The laboratory analytical results for all other composite soil samples indicate benzene is not present at concentrations greater than the laboratory PQLs/RLs, which are less than the applicable NM EMNRD OCD criteria of 10 mg/kg.
- The laboratory analytical results for composite soil samples S-3, S-4, S-8, S-10, S-12 through S-16, S-18, S-24, S-27, S-31, S-35a, and S-37 indicate total BTEX concentrations ranging from 0.11 mg/kg (S-15 and S-31) to 5.2 mg/kg (S-14), 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 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-3, S-4, S-8, S-14, S-16, S-18, S-24, S-27, S-35, S-35a, and S-36 indicate combined TPH GRO/DRO/MRO concentrations ranging from 15 mg/kg (S-36) to 76 mg/kg (S-24), which are less than the applicable NM EMNRD OCD closure criteria of 100 mg/kg. The laboratory analytical results for all other composite soil samples indicate combined TPH GRO/DRO/MRO is not present in concentrations greater than the laboratory PQLs/RLs, which are less than the applicable NM EMNRD OCD closure criteria of 100 mg/kg.
- The laboratory analytical results for all composite soil samples representative of soils remaining at the Site 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.

#### 7.0 RECLAMATION AND REVEGETATION

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

#### 8.0 FINDINGS AND RECOMMENDATION

- Forty-three 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 2,202 yd<sup>3</sup> of petroleum hydrocarbon affected soils and 45 bbls of hydroexcavation soil cuttings and water were transported to the Envirotech landfarm for disposal/remediation. The excavation was backfilled with imported fill and was subsequently 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 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.



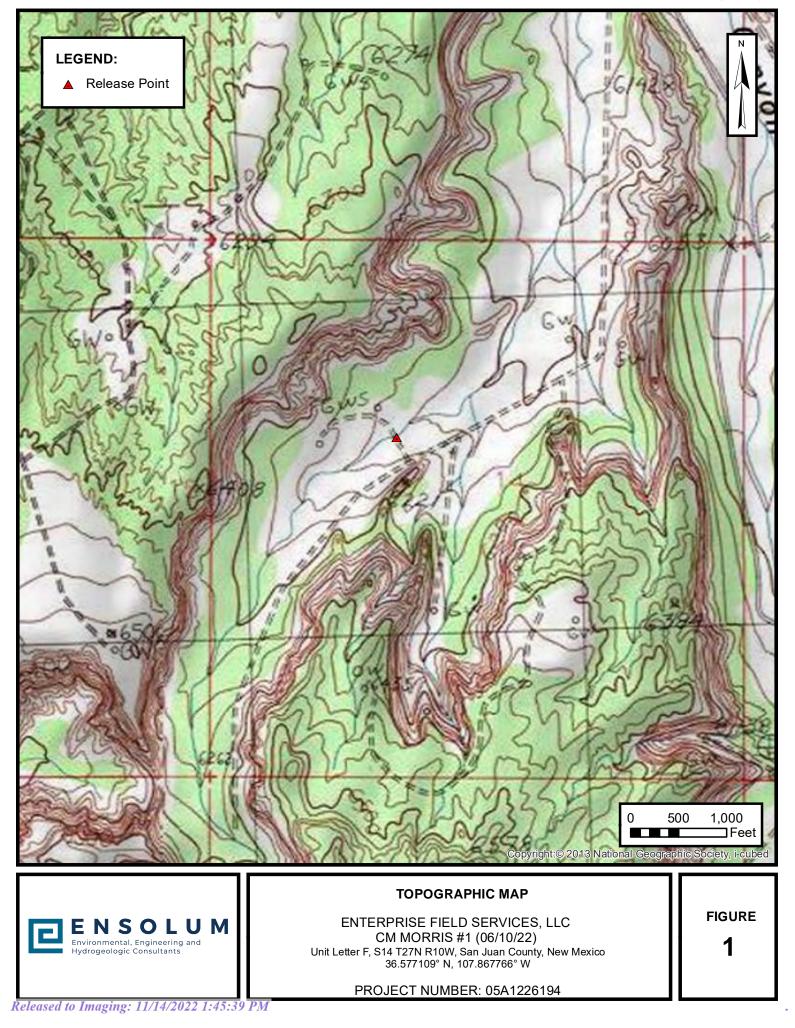


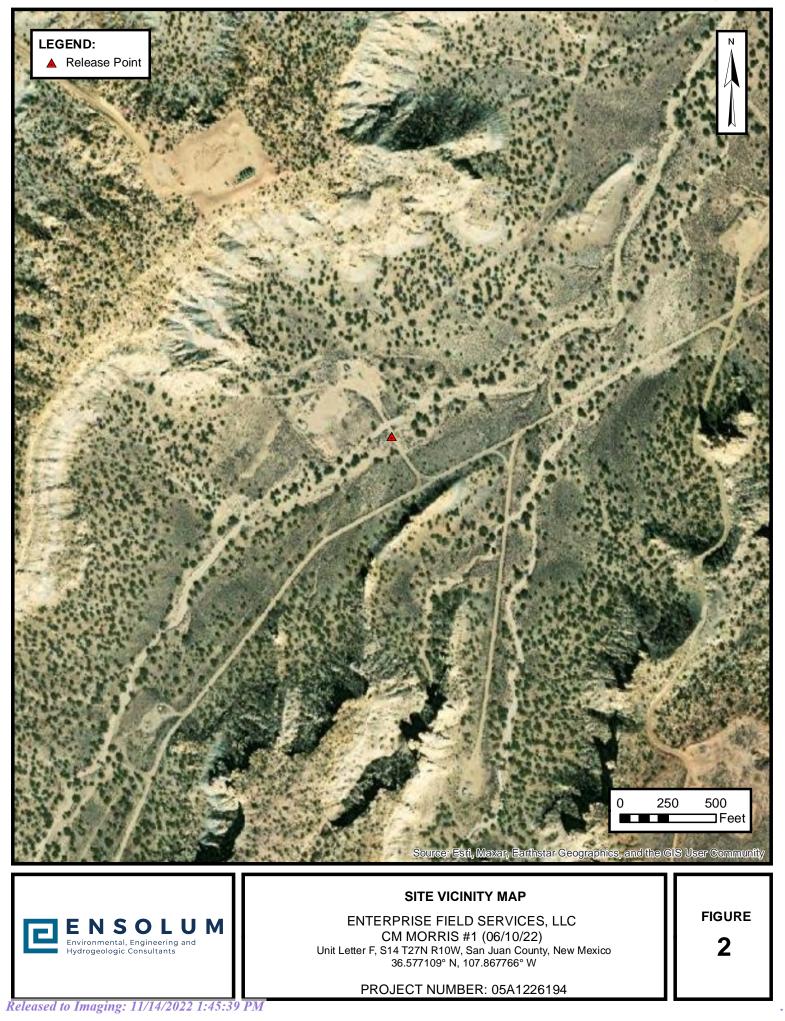
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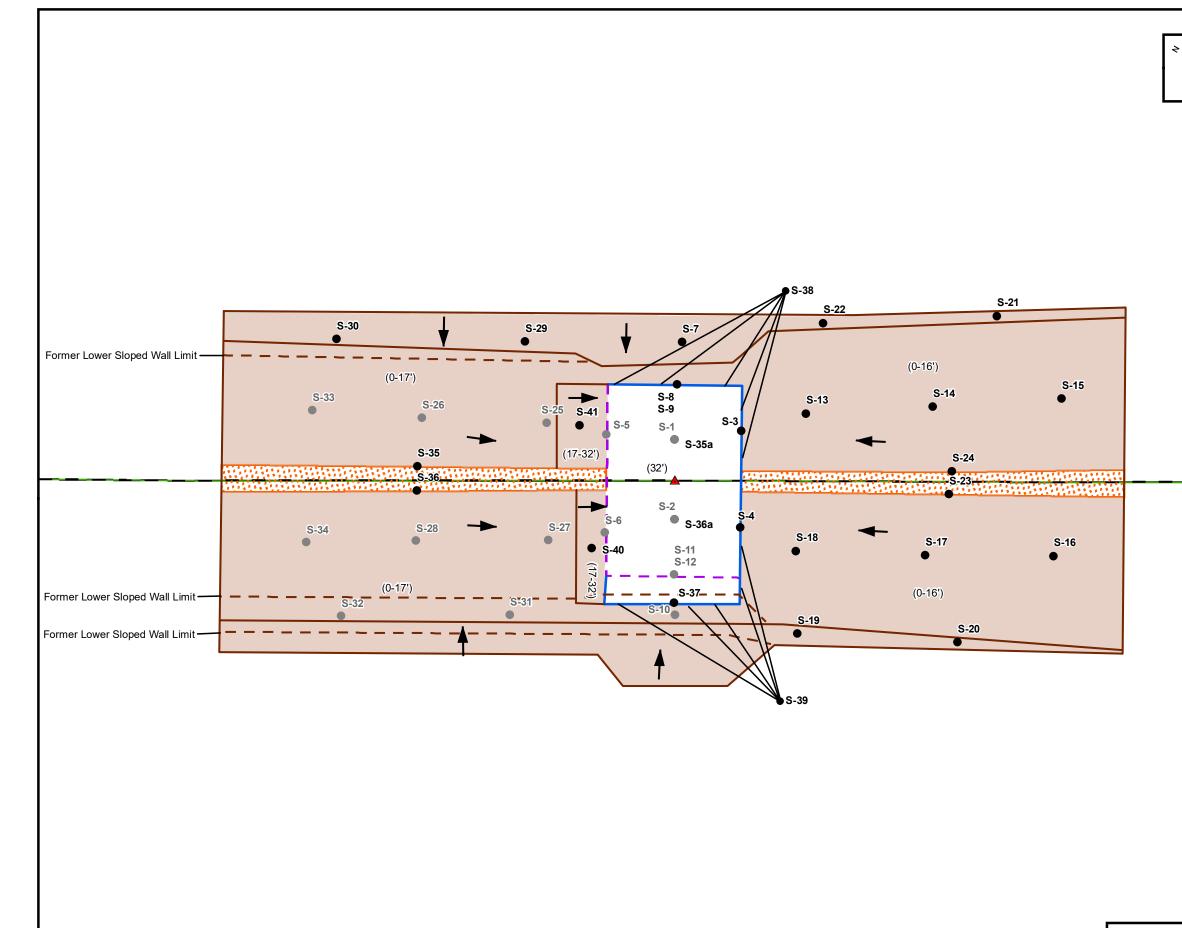
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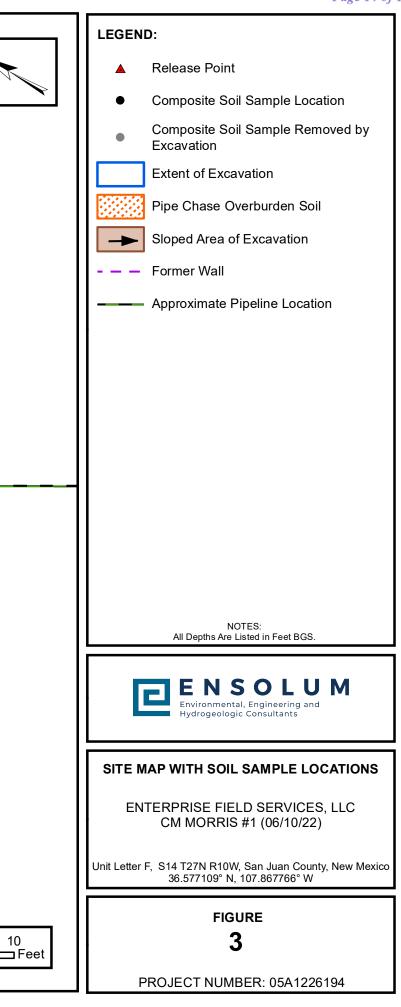
Figures

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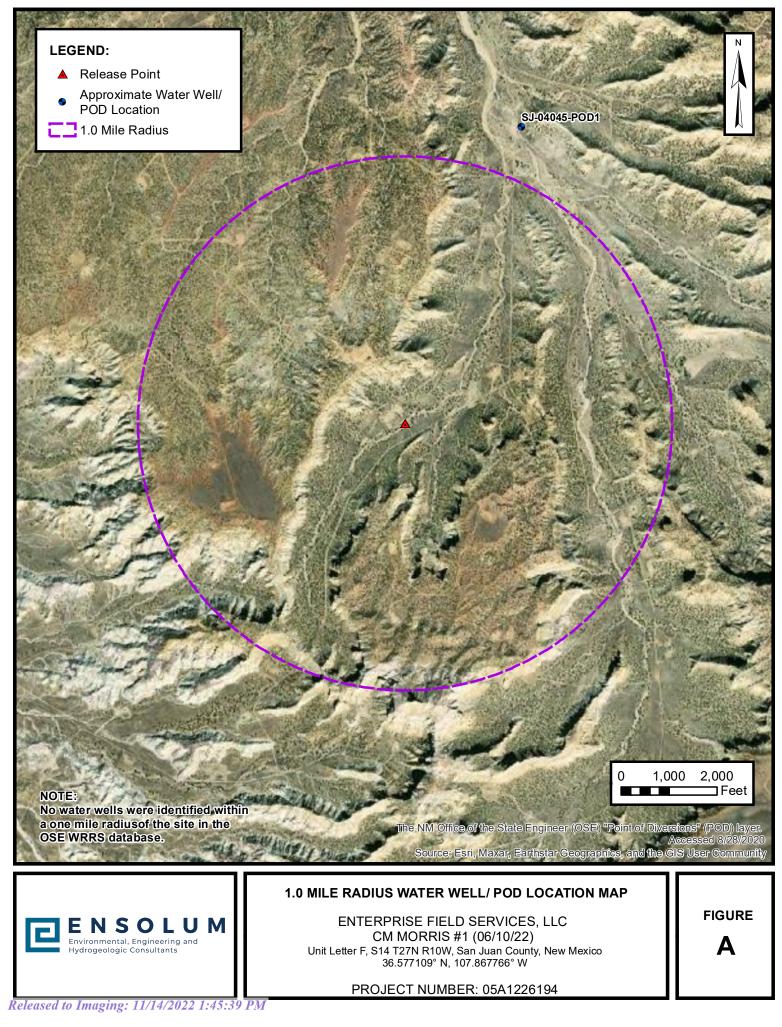


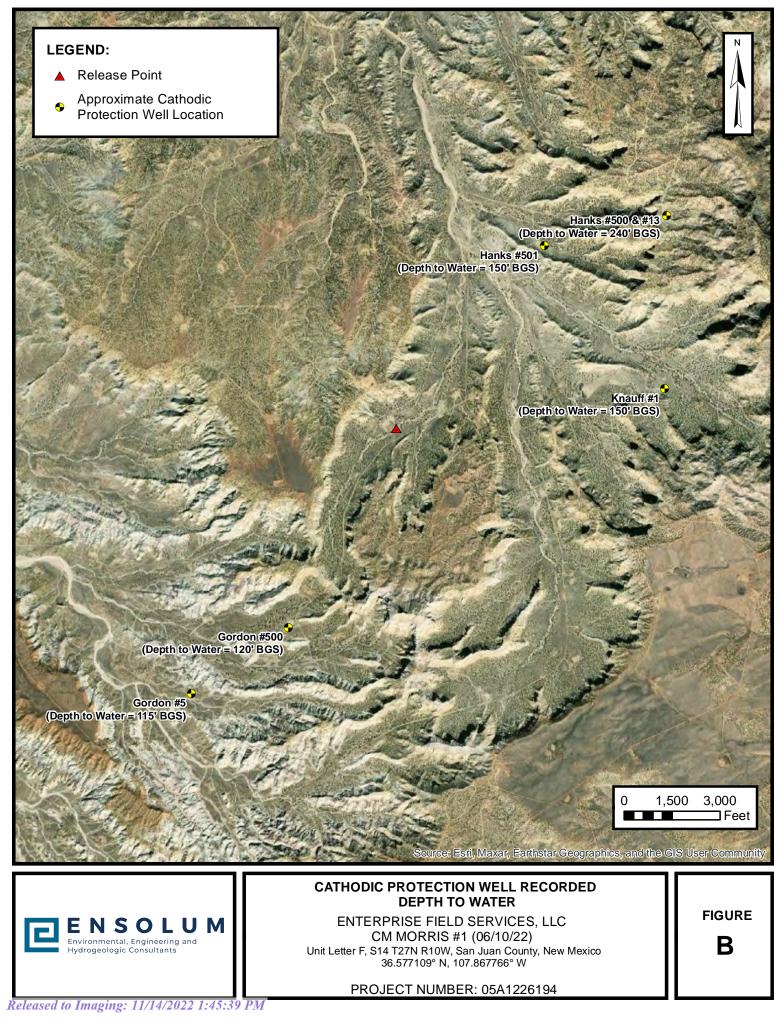


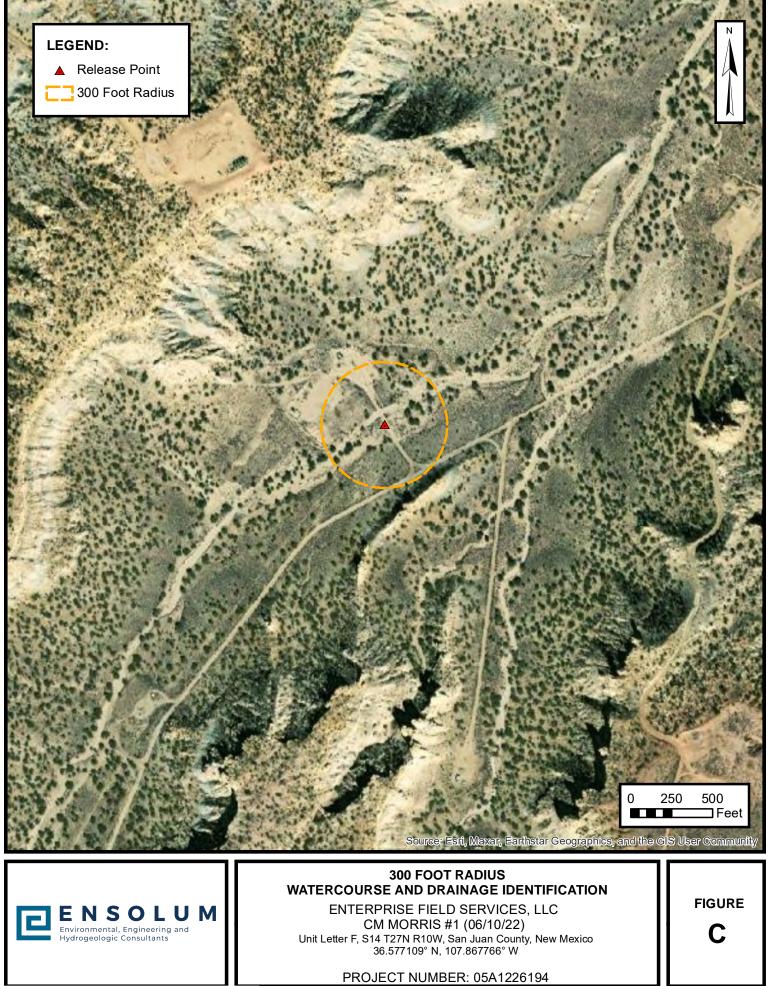


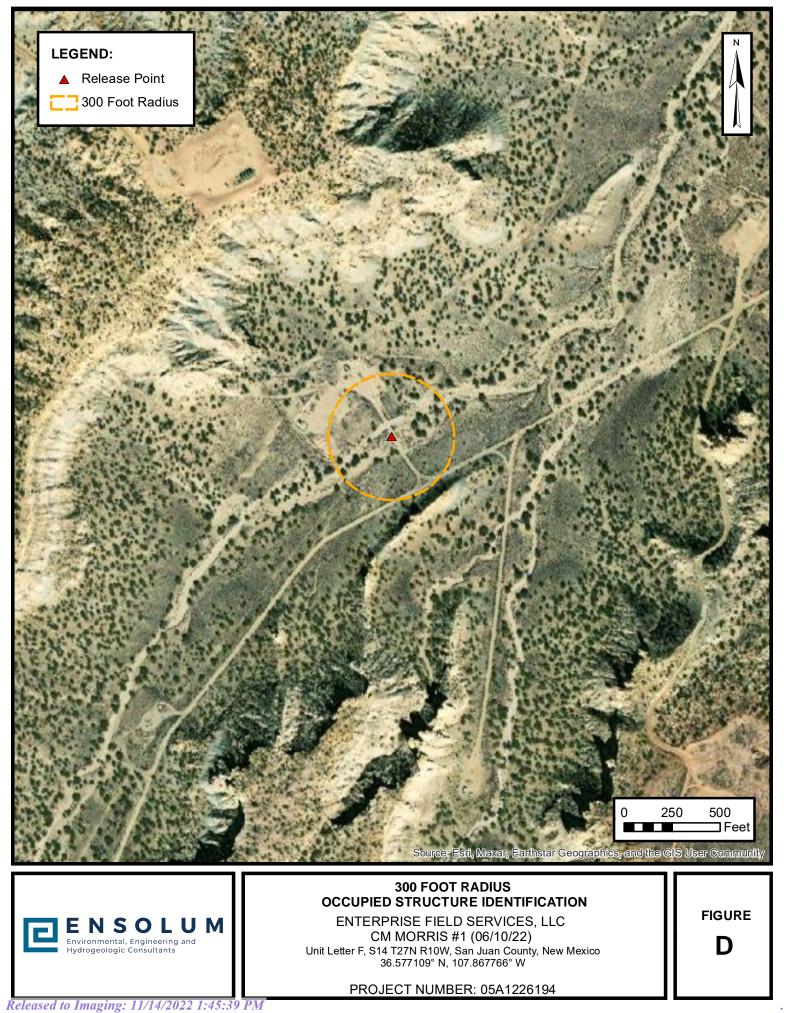
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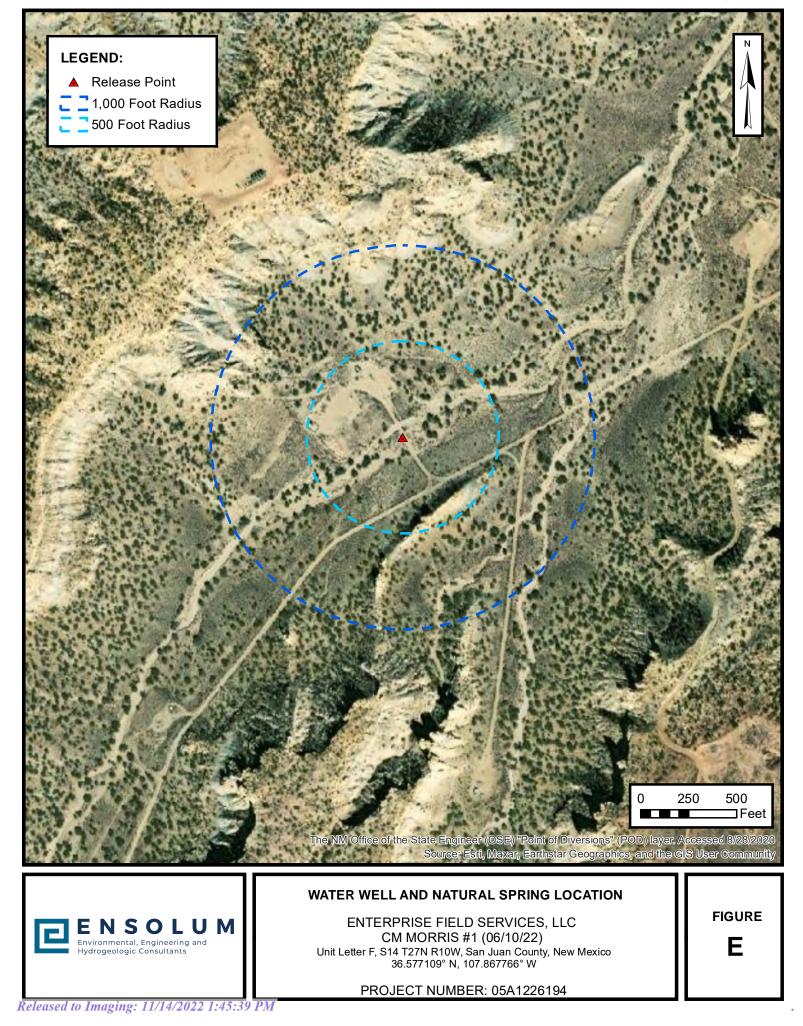
# Siting Figures and Documentation

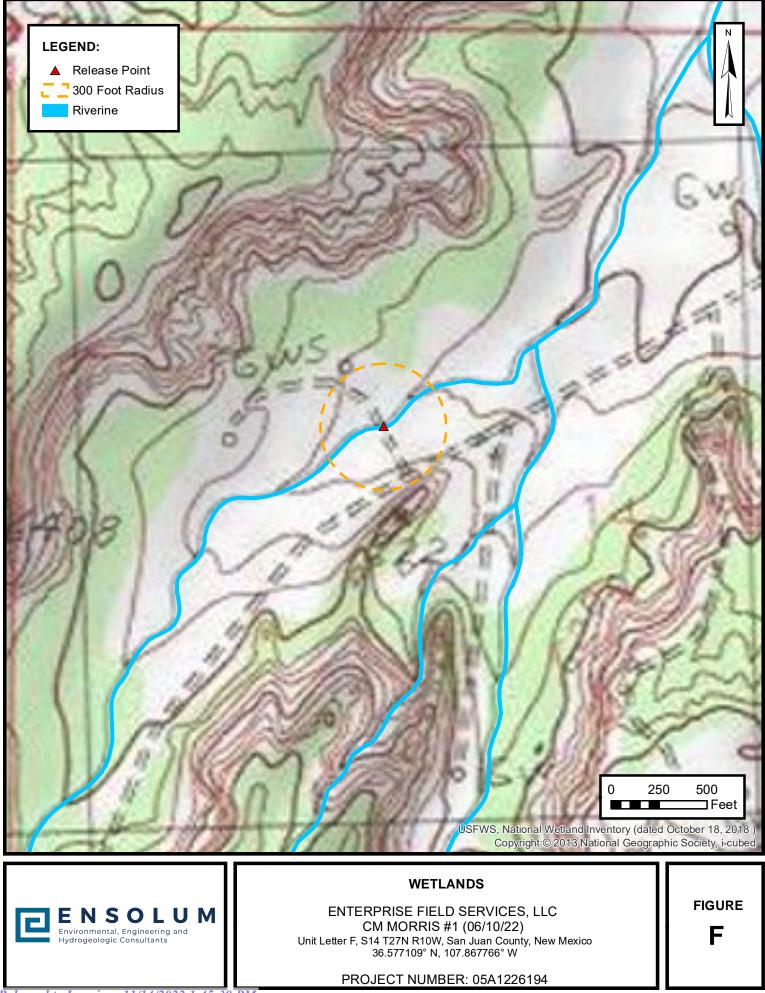


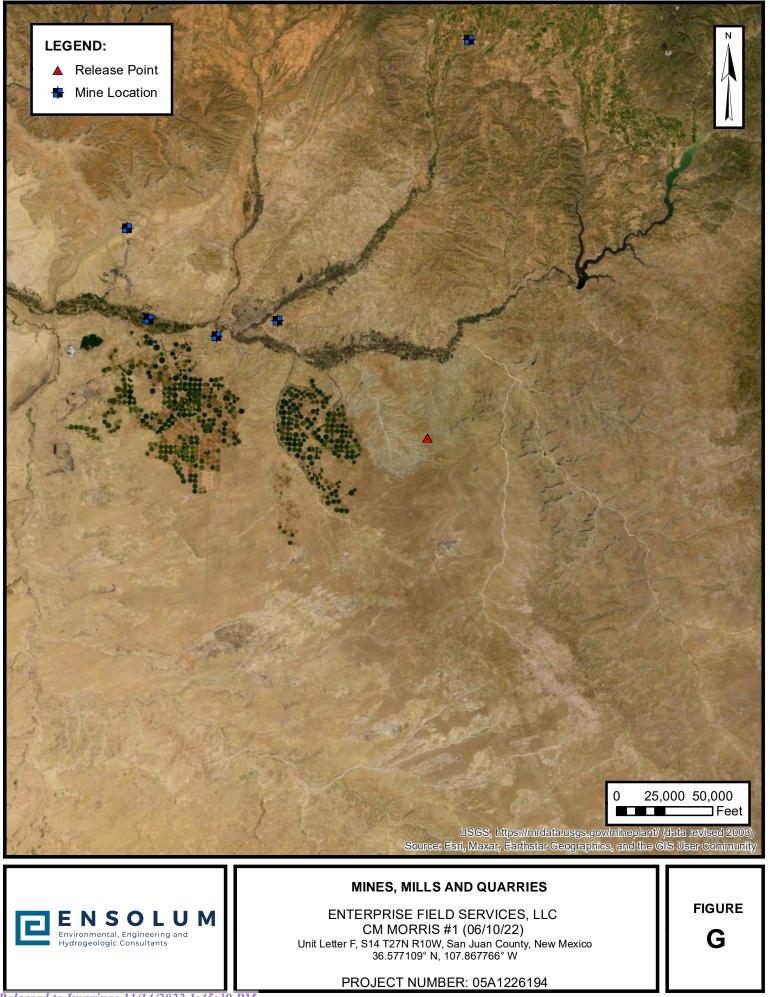


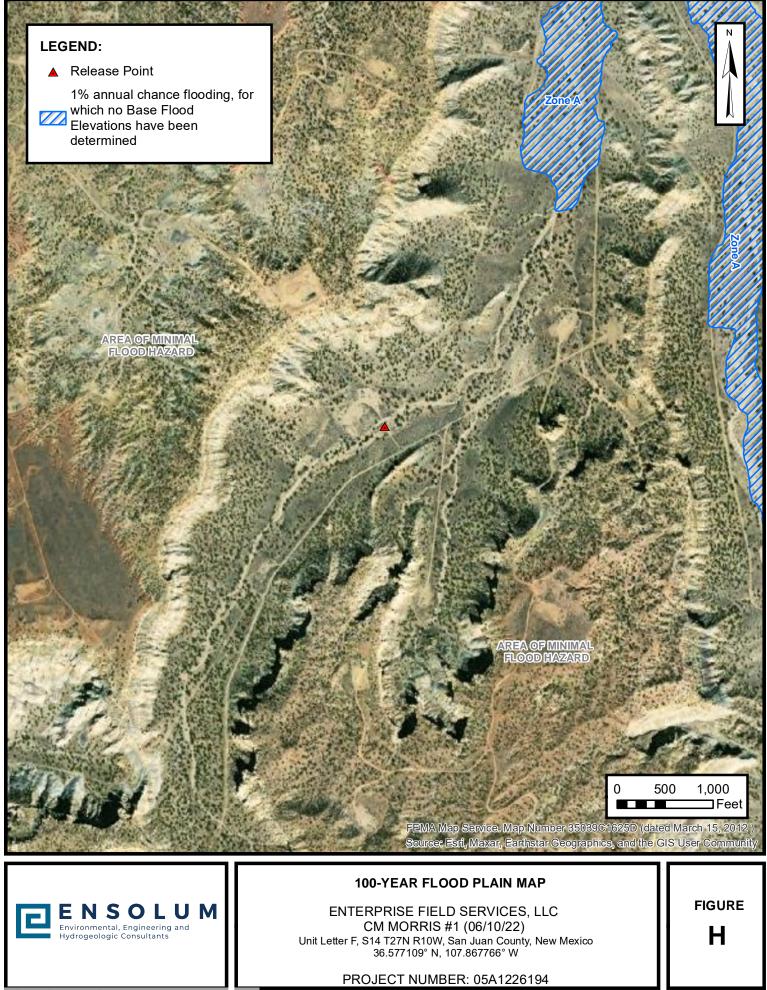














## New Mexico Office of the State Engineer Water Column/Average Depth to Water

(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)	(quart				IE 3=SW largest)	,	3 UTM in meters)		(In feet	)
POD Number	POD Sub- Code basin C		Q Q 64 16	-	: Tws	Rng	х	Y	-	Depth Water	Water Column
SJ 04045 POD1		SJ		2 11	27N		244148	4053538 🌍	310	50	260
								Average Depth to	Water:	<b>50</b> fe	eet
								Minimum	n Depth:	<b>50</b> fe	eet
								Maximum	Depth:	50 fe	eet
Booord County 1											

#### Record Count: 1

#### PLSS Search:

Section(s): 14, 10, 11, 12,	Township: 27N	Range: 10W
15, 13, 22, 23,		
24		

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.

<del>.</del>۳

#1 30-045-06588

DATA SHEET FOR DEEP GROUND BED CATHODIC. PROTECTION WELLS NORTHWESTERN NEW MEXICO

Operator Meridian Oil Co. Location: Unit A Sec. 13 Twp 27 Rng 10
Name of Well/Wells or Pipeline Serviced
KNAUTE #1
Elevation 6/42 Completion Date 2-21-93 Total Depth 417 Land Type F
Casing Strings, Sizes, Types & Depths 2/13 Set 97 Of 8" PVC CASING.
NO GAS, WATER, OF Boulders Were. ENCOUNTERED. DUTING CASING.
If Casing Strings are cemented, show amounts & types used <u>CemenTed</u>
WITH 22 SACK'S
If Cement or Bentonite Plugs have been placed, show depths & amounts used <u>49</u> 45 From top of Coke-up
Depths & thickness of water zones with description of water: Fresh, Clear,
Salty, Sulphur, Etc. 158 - Fresh
Depths gas encountered: Small amount of Fass detected around 140 to 160
Ground bed depth with type & amount of coke breeze used: $417'$
Su Loresco Coke - 60 Bags
Depths anodes placed: 400 390 380 370 360 325 310 300 240 280 270 250 275 725 210
Depths vent pipes placed: From SurFace to 417 DECENVEM
Vent pipe perforations: Venter and Vion 138 To 41711
Remarks:
OIL CON. DIV.j

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.

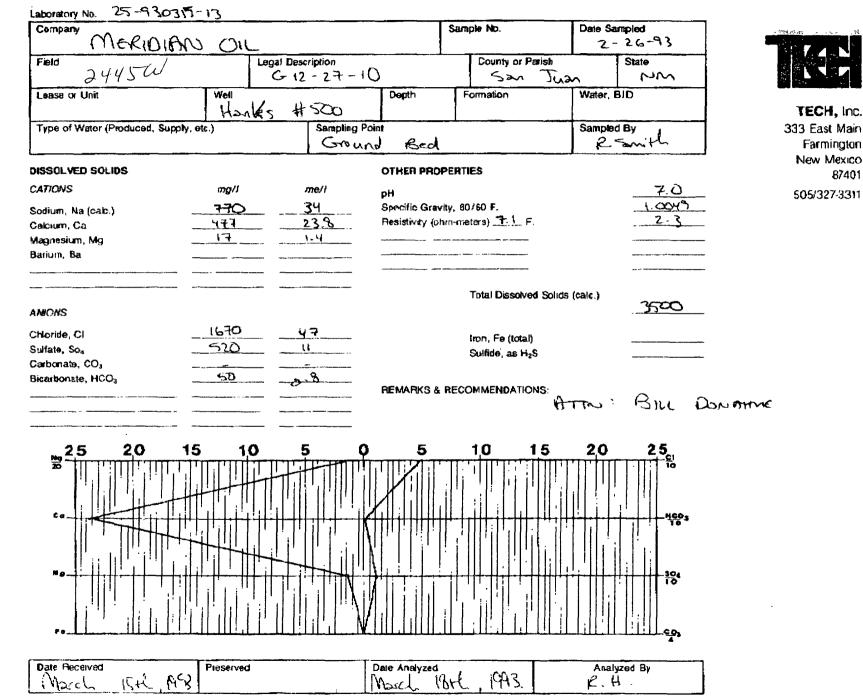
<u>10</u> 1-			30-045-28491
		#12	30-045-06720
	DATA SHEET FOR DEEP GR Northw	OUND BED CATHOD ESTERN NEW MEXI	
Operator_;	Metidian Chil Co.	Location:	Unit <u>A_</u> Sec. <u>/7</u> Twp <u>27</u> Rng/
Name of We	ell/Wells or Pipeline S	erviced	
HANKS	"500 ANd #13		
Elevation_	Completion Date	Total Dep	thLand Type F
Casing St	rings, Sizes, Types & D	epths <u>2/16 507</u>	99 OF S" PUC CASING.
NO GAS.	WATER, Or Boulders in	Ete ENCOUNTEN	ed During CASING;
If Casing	Strings are cemented,	show amounts &	types used <u>Comented</u>
WITH 5	21 SACKS,		
If Cement		e been placed,	show depths & amounts use
U III	$\bigcirc$	s with descript	ion of water: Fresh, Clea
	lphur, Etc. 240 and	,	
1		······································	
Depths ga	s encountered: $\frac{n}{2}$	aş	
	Ŷ		eze used: 419' with
	o16) sacks of As		
	odes placed: $\frac{\#}{1}$ is $=$ $+$	-	
	nt pipes placed: $BoHc$		
	perforations: up to		
Remarks:			
			JAN 3 1 1994
			OIL CON. DIV.

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

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### API WATER ANALYSIS REPORT FORM



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	10/11/2022 7:56:45 AM	•	36	64	Page 28 of
t	30-045-2	8785			e e e e e e e e e e e e e e e e e e e
	DATA SHEET FO	-	BED CATHODIC. P	ROTECTION WELL	LS
		NORTHWESTEI	RN NEW MEXICO		
Operator	Meridian O	il Co.	Location: Unit	NW Sec. /2 Two	27 Rng 10
	Well/Wells or P.				جمعندی و ت مینید.
	45 # 501	·		· · · · · · · · · · · · · · · · · · ·	<b>_</b>
	on <u>Completio</u>	n Data 7-71-9	7 Total Dopth	RG-7 <sup>1</sup> I and The	
	Strings, Sizes,				
	-				
	s Whitet, or how				· · ·
If Casin	ng Strings are c	emented, show	amounts & typ	es used <u>('em</u> a	enTed
is! TH	22 SACKS	· · ·			· <u>-</u>
	& thickness of w Sulphur, Etc	1		of water: Fre	esh, Clear,
Depths of	gas encountered:	Alone			······································
Ground 1	bed depth with t	ype & amount	of coke breeze	used: <u>397</u>	77
Li	resce Type	50	·		
	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~		3 345 320 295	283 260 250 24	
—		ed: From Su	circle to 397	; <u> </u>	10 120 210 20
Depths v	vent pipes place				10 120 210 20
			12 to 160'		
Vent pi	pe perforations:	Fipm 397'	4° to 160'	m E.C	EIVE
Vent pi		Fipm 397'	up to 160'	m E.C	10 720 710 70 E 1 9 E [ 31 1994
Vent pij Remarks	pe perforations:	<u>Fiom 397'</u> accuntered who	<u>a drillian of</u>	hele REC	31 1994 ON. DIV.

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	(11/2022 7:56:45 AM	
ی و اور اور اور اور اور اور اور اور اور ا	30-045-06332	3660
		D BED CATHODIC.PROTECTION WELLS ERN NEW MEXICO
Operator /	Meridian Oil Co.	Location: Unit M Sec. 22 Twp 27 Rng 10
Name of We <u>Cordo</u>	ell/Wells.or Pipeline Serv: $n^{\#}5$	iced <sup>u</sup>
Elevation	6/31 Completion Date 2/21/93	Total Depth 374' Land Type F
		hs 2/12 SET 98' OF 8" FUC CASING
NO GAS,	WATER OF Boulders We	ere ENCOUNTERED DURING CASING.
If Casing		w amounts & types used <u>Cemenited</u>
If Cement		een placed, show depths & amounts used
	NA	
		ith description of water: Fresh, Clear
Salty, Su	thickness of water zones w	with description of water: Fresh, Clear
Salty, Su	thickness of water zones w lphur, Etc. <u>115' fresh</u> s encountered: <u>Now</u> e	th description of water: Fresh, Clear of coke breeze used: <u>374</u> <u>51 Sauks</u>
Salty, Su Depths ga Ground be	thickness of water zones w lphur, Etc. <u>115' fresh</u> s encountered: <u>Now</u> e	
Salty, Su Depths ga Ground be Of Lure	thickness of water zones w lphur, Etc. <u>115' fresh</u> s encountered: <u>Nowe</u> d depth with type & amount	: of coke breeze used: <u>374'</u> , <u>51 sacks</u>
Salty, Su Depths ga Ground be <u>of</u> Lord Depths an	thickness of water zones w lphur, Etc. $115'$ fresh s encountered: <u>Nowe</u> d depth with type & amount 500 fype $5w$	: of coke breeze used: <u>374'</u> , <u>51 sacks</u>
Salty, Su Depths ga Ground be <u>Of Lord</u> Depths an Depths ve	thickness of water zones w lphur, Etc. $115'$ fresh s encountered: Norve d depth with type & amount 1500 fype SW modes placed: $355, 345, 335, 325$ ent pipes placed: $374'$	c of coke breeze used: <u>374'</u> , <u>51 540K5</u> <u>7,315,305,245,285,245,235,225,217,210,263,175</u>
Salty, Su Depths ga Ground be <u>Of Lord</u> Depths an Depths ve	thickness of water zones w lphur, Etc. $115'$ fresh s encountered: Nowe d depth with type & amount 1500 fype SW modes placed: $355, 345, 335, 325$ ent pipes placed: $374'$	: of coke breeze used: <u>374'</u> , <u>51 54(K5</u> <u>, 315, 305, 245, 285, 245, 235, 225, 217, 210, 203, 175</u>

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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.

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

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		:	KR
	LABORATORY REPORT		TECH, Inc. 333 East Main
Q	IL-FIELD WATER ANAL	YSIS	Farmington New Mexico
			87401 505/327-3311
Lab Number: 25930315~	05 2389W	Date Sampled:	02-21-93
Client: Meridian (	J 2, 1	Date Received:	03-15-93
Sample ID: Gordon #5 Location: M22-27-10	groundbed	Date Analyzed: Date Reported:	
DISSOLVED SOLIDS:			Detection
	me/L		imit, mg/L
Calcium, Ca++	0.8	16	1.0
Magnesium, Mg++	0.1	2	1.0
Sodium, Na+ (calc)	25.7	591	5.0
Chlorida, Cl-	<b>0.4</b>	13	2.0
Sulfate, SO4	19.1	916	5.Ŭ
Bicarbonate, HCO3-	6.8	415	5.0
Carbonate,CO3 Hydroxide, OH	0.4 ND	12 ND	1.0
Total Dissolved Solid	<pre>calculated);</pre>	1.960	10.0
OTHER PROPERTIES:			
pH (units);	8.5		
reisistivity (charmet) specific gravity at 6			
room temperature (5);	72		
ND = Not Detected at '	the stated dectecti	on limit	
	County, New Mexico y Keith Bishop		
	fetroleum Institute sis of Qil-Field Wa		
<u>Seil Lello</u> analyst	,		

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1EC Nº 2023223311

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LABORATORY REPORT

OIL-FIELD WATER ANALYSIS

TECH. Inc. 333 East Main Farmington New Mexico 87401 505/327-3311

Lab Number: Client: Sample ID: Location:	25930315-05 Meridian Oil Gordon #5 M22-27-10	2389 W groundbed	Date Date	Sampled: Received: Analyzed; Reported:	
DISSOLVED S	DL1DS:				Detection

	me/L	mg∕L	Limit, mg∕L
Calcium, Ca++	0.8	16	1.0
Magnesium, Mg++	0.1	2	1.0
Sodium, Na+ (calc)	25.7	591	5.0
Chloride, Cl-	0.4	13	2.0
Sulfate, 804	19.1	916	5.0
Bicarbonate, HCO3-	6.8	415	5.0
Carbonate,CO3	O . 4	12	1.0
Hydroxi <b>de,</b> OH-	ND	ND	1.0
Total Dissolved Solids ((	calculated):	1,960	10.0

Total Dissolved Solids (calculated):

OTHER PROPERTIES:

pH (units): 8.5 reisistivity (ohm-meters): 5.0 specific gravity at 60F: 1.0057

room temperature (F): 72

ND = Not Detected at the stated dectection limit

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San Juan County, New Mexico Comments: Sampled by Keith Bishop

American Petroleum Institute, "Recommended Practice Methods: for Analysis of Oil-Field Waters;" 2nd edition.

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a by OCD: 10/11/2022 7:56:45 AM	366 ( Page 3.
30-045-27512	
	UND BED CATHODIC. PROTECTION WELLS STERN NEW MEXICO
Operator MeridiAN Oil Co.	Location: Unit <u>G</u> Sec. <u>27</u> Twp <u>27</u> Rng_
Name of Well/Wells or Pipeline Ser	.viced
Gotdon #500	
ElevationCompletion Date 2/22	<u>193</u> Total Depth <u>389'</u> Land Type <u>F</u>
Casing Strings, Sizes, Types & Der	oths 2/11 527 100 Of 8" PUC CASING
<sup>•</sup>	5 Were ENCOUNTERed During CA.
	how amounts & types used <u>CemeniTed</u>
WITH 22 SACKS.	·
	been placed, show depths & amounts u
w/A	Deen praced, snow depens a amounts d
	with description of waters. Fresh (1
	with description of water: Fresh, Cl
Salty, Sulphur, Etc. 120' Scesh	
Depths gas encountered: <u>wowe</u>	
Ground bed depth with type & amound	nt of coke breeze used: <u>389</u>
	- 21 - 2 - 10 - 11 - 11 - 11 - 11 - 13 - 10 - 19
Depths anodes placed: 350, 349, 325 318	<u>8, 570, 500, 275, 145, 175, 10, 155, 175, 175, 175, 175</u>
Depths anodes placed: 350, 349, 325, 318 Depths vent pipes placed:	
	387' RECEIVED
Depths vent pipes placed:	387' DECEIVEM

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.

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LABORATORY REPORT

DIL-FIELD WATER ANALYSIS

TECH, Inc. 333 East Main Farmington New Mexico 87401

505/327-3311

Lab Number: 25930315-07 Client: Meridian Oil Sample ID: Gordon # 500 Location: 822-27-10		Date Receiv Date Analy:	ed: 02-22-93 /ed: 03-15-93 /ed: 03-17-93 /ed: 03-17-93
DISSOLVED SOLIDS:	na mai shi 1977		Detection Limit, mg/L
	me/L	mg/L	LIGIL, OQ/L
Calcium, Ca++	0.5	1.1	1.0
Magnesium, Mg++	0.1	2	1.0
Sodium, Nat (cale)	22.4	514	5.0
Chloride, Cl-	0.4	13	2.0
Sulfate, 504	16.9	<b>8</b> 10	5.0
Bicarbonate, HCO3-	5.0	305	5.0
Carbonate, CO3	0.8	24	1.0
Hydroxide, OH-	ND	NÐ	1.0
Total Dissolved Solids	(calculated):	1,680	10.0
OTHER PROPERTIES:			
pH (units):	8,7		
reisistivity (ohm-meters	5): 6.2		
specific gravity at 60F	: 1.0044		
room temperature (F):	72		
ND = Not Detected at the	e stated dectecti	ion limit	
Comments: San Juan Cou	inty, New Mexico		

Sampled by Keith Bishop

Methods: American Petroleum Institute, "Recommended Practice for Analysis of Oil-Field Waters;" 2nd edition.

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		RATORY REPORT		<b>TECH,</b> Inc. 333 East Main Farmington New Mexico 87401 505/327-3311
Client:	Gordon # 500		Date Analy:	ed: 02-22-93 ved: 03-15-93 zed: 03-17-93 ted: 03-18-93
DISSOLVED S	OLIDS:	me/L	mg∕L	Detection Limit, mg/L
Calcium, Ca Magnesium, I Sodium, Na+	Mg++	0.5 0.1 22.4	11 2 514	1.0 1.0 5.0
Chloride, C Sulfate, SD Bicarbonate Carbonate,C Hydroxide,	4 , HCO3- O3	0.4 16.9 5.0 0.8 ND	13 810 305 24 ND	2.0 5.0 5.0 1.0 1.0
Total Disso	l∨ed Solids (cal	culated):	1,680	10.0
OTHER PROPE	RTIES:			
	y (ohm-meters): avity at 60F:	8.7 6.2 1.0044		
room temper	ature (F):	72		
ND = Not De	tected at the st	ated dectecti	ion limit	
Comments:	San Juan County Sampled by Keit	,		
Methods:	American Petrol for Analysis of			d Practice

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## 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

District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505	Santa Fe, NM 87505	documentation available for Division inspection. $97057 + 1125$
<b>REQUEST FO</b>	<b>R APPROVAL TO ACCEP</b>	T SOLID WASTE
1. Generator Name and Address: Enterprise Field Services, LLC, 614 Reilly A	ve, Farmington NM 87401	PayKey: EM20767 PM: ME Eddleman AFE: TBD
2. Originating Site: CM Morris #1		
3. Location of Material (Street Address, Ci 36.577109, -107.867766, UL F S14 T27N		June/July
4. Source and Description of Waste: Source: Remediation activities associated wi Description: Hydrocarbon/Condensate impacte Estimated Volume _50 yd/ bbls Known Vo	ed soil associated natural gas pipeline rele- olume (to be entered by the operator at the	ase. e end of the haul) $\frac{2202/45}{45}$ yd <sup>3</sup> / bbls
5. GENERATOR	CERTIFICATION STATEMENT OF	WASTE STATUS
I, Brian Stone BM Stone, representative or aut Generator Signature certify that according to the Resource Conserva regulatory determination, the above described v	tion and Recovery Act (RCRA) and the U	JS Environmental Protection Agency's July 1988
	ated from oil and gas exploration and pro <i>aste Acceptance Frequency</i> [] Monthly	duction operations and are not mixed with non-
characteristics established in RCRA regula	tions, 40 CFR 261.21-261.24, or listed ha	ed the minimum standards for waste hazardous by zardous waste as defined in 40 CFR, part 261, e above-described waste is non-hazardous. (Check
□ MSDS Information □ RCRA Hazardous	s Waste Analysis 🛛 Process Knowledg	e
GENERATOR 19.15.36.15 WAS	TE TESTING CERTIFICATION STAT	FEMENT FOR LANDFARMS
I, Brian Stone BM Stone 06-16-2022, repres Generator Signature the required testing/sign the Generator Waste T	esting Certification.	g authorizes Envirotech, Inc. to complete
have been found to conform to the specific requored of the representative samples are attached to de 19.15.36 NMAC.	uirements applicable to landfarms pursuan	do hereby certify that do tested for chloride content and that the samples at to Section 15 of 19.15.36 NMAC. The results form to the requirements of Section 15 of
5. Transporter: Kelly Oil Field Services		
OCD Permitted Surface Waste Management	17.0	
Name and Facility Permit #: Envirotech In Address of Facility: Hilltop, NM Method of Treatment and/or Disposal: Evaporation Injection		#: NM 01-0011
Waste Acceptance Status:		
PRINT NAME: Grand	TELETIONE NO	<b>IED</b> (Must Be Maintained As Permanent Record) <b>Manager</b> DATE: <u>6/15/22</u> 005-632-0615

.



## APPENDIX D

## **Photographic Documentation**

Released to Imaging: 11/14/2022 1:45:39 PM

#### SITE PHOTOGRAPHS

Closure Report Enterprise Field Services, LLC CM Morris #1 (06/10/22) Ensolum Project No. 05A1226194



# Photograph 1 Photograph Description: View of the inprocess excavation activities. Photograph 2 Photograph Description: View of the excavation (first sampling event). Photograph 3 Photograph Description: View of the excavation (first sampling event). 18

🔁 ENSOLUM

#### Photograph 4

Photograph Description: View of the inprocess excavation activities.



#### Photograph 5

Photograph Description: View of the inprocess excavation activities.



#### Photograph 6

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



Closure Report Enterprise Field Services, LLC CM Morris #1 (06/10/22) Ensolum Project No. 05A1226194



#### Photograph 7

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



#### Photograph 8

Photograph Description: View of the site after initial restoration.



#### Photograph 9

Photograph Description: View of the site after initial restoration.





## APPENDIX E

## **Regulatory Correspondence**

Released to Imaging: 11/14/2022 1:45:39 PM

 
 From:
 Kyle Summers

 To:
 Ranee Deechilly

 Subject:
 FW: [EXTERNAL] CM Morris C#1; 36.577109, -107.867766; UL F S14 T27N R10W; Incident #nAPP2217138691

 Date:
 Tuesday, July 5, 2022 3:17:12 PM

 Attachments:
 image003.png image004.png image005.png

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

From: Velez, Nelson, EMNRD <Nelson.Velez@state.nm.us>
Sent: Tuesday, July 5, 2022 2:20 PM
To: Long, Thomas <tjlong@eprod.com>; rjoyner@blm.gov
Cc: Stone, Brian <bmstone@eprod.com>; Kyle Summers <ksummers@ensolum.com>
Subject: RE: [EXTERNAL] CM Morris C#1; 36.577109, -107.867766; UL F S14 T27N R10W; Incident #nAPP2217138691

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

Thanks Tom. Please proceed according to my previous email transmittal within this thread earlier this morning.

Hope you all have a safe day.

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

Hrs.: 7:00-11:00 am & 12:00-3:30 pm Mon.-Thur. 7:00-11:00 am & 12:00-4:00 pm Fri.

From: Long, Thomas <tjlong@eprod.com>
Sent: Tuesday, July 5, 2022 12:42 PM
To: Velez, Nelson, EMNRD <<u>Nelson.Velez@state.nm.us</u>>; rjoyner@blm.gov
Cc: Stone, Brian <<u>bmstone@eprod.com</u>>; Kyle Summers <<u>ksummers@ensolum.com</u>>
Subject: RE: [EXTERNAL] CM Morris C#1; 36.577109, -107.867766; UL F S14 T27N R10W; Incident
#nAPP2217138691

Nelson,

The email is to inform you that we had to postponed the sampling event until July 7, 2022 at 10:00 a.m. due to mechanical problems with the track hoe. Another track hoe is being mobilized and will be available by Thursday. If you have any questions, please call or email.

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



From: Velez, Nelson, EMNRD <<u>Nelson.Velez@state.nm.us</u>>
Sent: Tuesday, July 5, 2022 7:30 AM
To: Long, Thomas <<u>tjlong@eprod.com</u>>; rjoyner@blm.gov
Cc: Stone, Brian <<u>bmstone@eprod.com</u>>; Kyle Summers <<u>ksummers@ensolum.com</u>>
Subject: RE: [EXTERNAL] CM Morris C#1; 36.577109, -107.867766; UL F S14 T27N R10W; Incident
#nAPP2217138691

[Use caution with links/attachments] Tom,

Thank you for the notice. If an OCD representative is not on-site today, please proceed with your sampling. For whatever reason, the sample collection timeframe is altered, please notify the OCD as soon as possible so we may adjust our schedule(s). Failure to notify the OCD of the rescheduling may result in the sample(s) not being accepted.

Please keep a copy of this communication for inclusion within the appropriate reporting documentation. If you have any questions, please contact me via email at your convenience.

Thanks again

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@state.nm.us</u> Hrs.: 7:00-11:00 am & 12:00-3:30 pm Mon.-Thur. 7:00-11:00 am & 12:00-4:00 pm Fri.

From: Long, Thomas <tjlong@eprod.com>
Sent: Sunday, July 3, 2022 8:41 AM
To: Velez, Nelson, EMNRD <<u>Nelson.Velez@state.nm.us</u>>; rjoyner@blm.gov
Cc: Stone, Brian <<u>bmstone@eprod.com</u>>; Kyle Summers <<u>ksummers@ensolum.com</u>>
Subject: FW: [EXTERNAL] CM Morris C#1; 36.577109, -107.867766; UL F S14 T27N R10W; Incident
#nAPP2217138691

Nelson/Ryan,

This email is a notification that Enterprise will be colleting soil samples for laboratory analysis on Tuesday July 5, 2022 at 10:00 a.m. If you have any questions, please call or email.

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



From: Stone, Brian <<u>bmstone@eprod.com</u>>
Sent: Tuesday, June 14, 2022 9:28 AM
To: Velez, Nelson, EMNRD <<u>Nelson.Velez@state.nm.us</u>>; rjoyner@blm.gov
Cc: Long, Thomas <<u>tilong@eprod.com</u>>; Kyle Summers <<u>ksummers@ensolum.com</u>>
Subject: RE: [EXTERNAL] CM Morris C#1 36.577109, -107.867766, UL F S14 T27N R10W

Enterprise plans to hydrovac the suspected leak area tomorrow and excavate Thursday. All activities will take place outside of the ordinary high water mark for the water way, which is currently dry.

The surface land owner is BLM, and I have added Ryan to the string.

From: Velez, Nelson, EMNRD <<u>Nelson.Velez@state.nm.us</u>>
Sent: Tuesday, June 14, 2022 8:07 AM
To: Stone, Brian <<u>bmstone@eprod.com</u>>
Cc: Long, Thomas <<u>tilong@eprod.com</u>>; Kyle Summers <<u>ksummers@ensolum.com</u>>
Subject: RE: [EXTERNAL] CM Morris C#1 36.577109, -107.867766, UL F S14 T27N R10W

[Use caution with links/attachments]

Brian,

Please provide OCD and the current surface owner on record of the scheduling information once determined.

Thanks

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

Hrs.: 7:00-11:00 am & 12:00-3:30 pm Mon.-Thur. 7:00-11:00 am & 12:00-4:00 pm Fri.

From: Stone, Brian <<u>bmstone@eprod.com</u>>
Sent: Monday, June 13, 2022 9:18 AM
To: Velez, Nelson, EMNRD <<u>Nelson.Velez@state.nm.us</u>>
Cc: Long, Thomas <<u>tilong@eprod.com</u>>; Kyle Summers <<u>ksummers@ensolum.com</u>>
Subject: RE: [EXTERNAL] CM Morris C#1 36.577109, -107.867766, UL F S14 T27N R10W

Will do. We don't have a schedule yet.

From: Velez, Nelson, EMNRD <<u>Nelson.Velez@state.nm.us</u>>
Sent: Monday, June 13, 2022 8:51 AM
To: Stone, Brian <<u>bmstone@eprod.com</u>>
Cc: Long, Thomas <<u>tilong@eprod.com</u>>; Kyle Summers <<u>ksummers@ensolum.com</u>>
Subject: RE: [EXTERNAL] CM Morris C#1 36.577109, -107.867766, UL F S14 T27N R10W

[Use caution with links/attachments]

Will Enterprise be conducting an investigation for this discovery? If so, please provide a timeline for any future activities. Thank you.

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@state.nm.us</u>

Hrs.: 7:00-11:00 am & 12:00-3:30 pm Mon.-Thur. 7:00-11:00 am & 12:00-4:00 pm Fri. From: Stone, Brian <<u>bmstone@eprod.com</u>>
Sent: Friday, June 10, 2022 6:57 PM
To: Velez, Nelson, EMNRD <<u>Nelson.Velez@state.nm.us</u>>
Cc: Long, Thomas <<u>tilong@eprod.com</u>>; Kyle Summers <<u>ksummers@ensolum.com</u>>
Subject: [EXTERNAL] CM Morris C#1 36.577109, -107.867766, UL F S14 T27N R10W

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

This email is a notification that Enterprise found evidence of an underground leak at the subject location. Dead vegetation and positive LEL were noted at a location that is on a topo map blue line. The line is buried 9ft deep at that location. No contamination was visible If you have any questions, please call or email. Please note that Tom Long is out of the office and will return June 20.

Brian Stone Field Environmental Manager Enterprise Products (970) 210-2170

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.

From:	Kyle Summers
То:	Landon Daniell
Cc:	Ranee Deechilly
Subject:	FW: [EXTERNAL] CM Morris C#1; 36.577109, -107.867766; UL F S14 T27N R10W; Incident #nAPP2217138691
Date:	Tuesday, July 19, 2022 9:56:37 AM
Attachments:	image003.png
	imaae004.png
	image005.png

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I	<b>F</b> 1
	10

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

From: Velez, Nelson, EMNRD <Nelson.Velez@state.nm.us>
Sent: Tuesday, July 19, 2022 7:20 AM
To: Long, Thomas <tjlong@eprod.com>; rjoyner@blm.gov
Cc: Stone, Brian <bmstone@eprod.com>; Kyle Summers <ksummers@ensolum.com>
Subject: RE: [EXTERNAL] CM Morris C#1; 36.577109, -107.867766; UL F S14 T27N R10W; Incident #nAPP2217138691

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

Tom,

Thank you for the notice. Your variance request to sample today 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@state.nm.us</u>

Hrs.: 7:00-11:00 am & 12:00-3:30 pm Mon.-Thur. 7:00-11:00 am & 12:00-4:00 pm Fri. From: Long, Thomas <<u>tilong@eprod.com</u>> Sent: Monday, July 18, 2022 12:39 PM To: Velez, Nelson, EMNRD <<u>Nelson.Velez@state.nm.us</u>>; rjoyner@blm.gov **Cc:** Stone, Brian <<u>bmstone@eprod.com</u>>; Kyle Summers<<u>ksummers@ensolum.com</u>> Subject: RE: [EXTERNAL] CM Morris C#1; 36.577109, -107.867766; UL F S14 T27N R10W; Incident #nAPP2217138691

Nelson,

This is a follow up to our phone conversation earlier. However it has changed a little. Enterprise is requesting a variance for required 48 hour notification per 19.15.29.12D (1a). Enterprise would like to collect closure samples tomorrow July 19, 2022 at 2:00 p.m. 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



From: Velez, Nelson, EMNRD <<u>Nelson.Velez@state.nm.us</u>> Sent: Wednesday, July 13, 2022 4:21 PM **To:** Long, Thomas <<u>tilong@eprod.com</u>>; <u>rjoyner@blm.gov</u> **Cc:** Stone, Brian <<u>bmstone@eprod.com</u>>; Kyle Summers<<u>ksummers@ensolum.com</u>> Subject: RE: [EXTERNAL] CM Morris C#1; 36.577109, -107.867766; UL F S14 T27N R10W; Incident #nAPP2217138691

[Use caution with links/attachments]

Tom,

After our telephone conversation this afternoon, OCD approves your variance request to sample prior to the required 48 hr. verbal notification per 19.15.29.12D (1a).

As previously stated, 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@state.nm.us</u>

Hrs.: 7:00-11:00 am & 12:00-3:30 pm Mon.-Thur. 7:00-11:00 am & 12:00-4:00 pm Fri.

From: Long, Thomas <tilong@eprod.com>
Sent: Wednesday, July 13, 2022 3:12 PM
To: Velez, Nelson, EMNRD <<u>Nelson.Velez@state.nm.us</u>>; rjoyner@blm.gov
Cc: Stone, Brian <<u>bmstone@eprod.com</u>>; Kyle Summers <<u>ksummers@ensolum.com</u>>
Subject: RE: [EXTERNAL] CM Morris C#1; 36.577109, -107.867766; UL F S14 T27N R10W; Incident
#nAPP2217138691

Nelson/Ryan,

Please see the attached site sketch and lab report for the CM Morris #1 excavation. Five samples (S-1, S-2, S-5, S-6 and S-11) exceeded remediation standards. Enterprise will be excavating in these areas tomorrow. If we collect samples tomorrow it will be later in the afternoon around 3:00 p.m. If you have any questions, please call or email.

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



From: Velez, Nelson, EMNRD <<u>Nelson.Velez@state.nm.us</u>>
Sent: Tuesday, July 5, 2022 7:30 AM
To: Long, Thomas <<u>tilong@eprod.com</u>>; rjoyner@blm.gov
Cc: Stone, Brian <<u>bmstone@eprod.com</u>>; Kyle Summers <<u>ksummers@ensolum.com</u>>
Subject: RE: [EXTERNAL] CM Morris C#1; 36.577109, -107.867766; UL F S14 T27N R10W; Incident
#nAPP2217138691

[Use caution with links/attachments]

Tom,

Thank you for the notice. If an OCD representative is not on-site today, please proceed with your

sampling. For whatever reason, the sample collection timeframe is altered, please notify the OCD as soon as possible so we may adjust our schedule(s). Failure to notify the OCD of the rescheduling may result in the sample(s) not being accepted.

Please keep a copy of this communication for inclusion within the appropriate reporting documentation. If you have any questions, please contact me via email at your convenience.

Thanks again

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@state.nm.us</u>

Hrs.: 7:00-11:00 am & 12:00-3:30 pm Mon.-Thur. 7:00-11:00 am & 12:00-4:00 pm Fri.

From: Long, Thomas <tilong@eprod.com>
Sent: Sunday, July 3, 2022 8:41 AM
To: Velez, Nelson, EMNRD <Nelson.Velez@state.nm.us>; rjoyner@blm.gov
Cc: Stone, Brian <bmstone@eprod.com>; Kyle Summers <ksummers@ensolum.com>
Subject: FW: [EXTERNAL] CM Morris C#1; 36.577109, -107.867766; UL F S14 T27N R10W; Incident
#nAPP2217138691

Nelson/Ryan,

This email is a notification that Enterprise will be collecting soil samples for laboratory analysis on Tuesday July 5, 2022 at 10:00 a.m. If you have any questions, please call or email.

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



From: Stone, Brian <<u>bmstone@eprod.com</u>>
Sent: Tuesday, June 14, 2022 9:28 AM

To: Velez, Nelson, EMNRD <<u>Nelson.Velez@state.nm.us</u>>; rjoyner@blm.gov
Cc: Long, Thomas <<u>tjlong@eprod.com</u>>; Kyle Summers <<u>ksummers@ensolum.com</u>>
Subject: RE: [EXTERNAL] CM Morris C#1 36.577109, -107.867766, UL F S14 T27N R10W

Enterprise plans to hydrovac the suspected leak area tomorrow and excavate Thursday. All activities will take place outside of the ordinary high water mark for the water way, which is currently dry.

The surface land owner is BLM, and I have added Ryan to the string.

From: Velez, Nelson, EMNRD <<u>Nelson.Velez@state.nm.us</u>>
Sent: Tuesday, June 14, 2022 8:07 AM
To: Stone, Brian <<u>bmstone@eprod.com</u>>
Cc: Long, Thomas <<u>tilong@eprod.com</u>>; Kyle Summers <<u>ksummers@ensolum.com</u>>
Subject: RE: [EXTERNAL] CM Morris C#1 36.577109, -107.867766, UL F S14 T27N R10W

[Use caution with links/attachments]

Brian,

Please provide OCD and the current surface owner on record of the scheduling information once determined.

Thanks

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

Hrs.: 7:00-11:00 am & 12:00-3:30 pm Mon.-Thur. 7:00-11:00 am & 12:00-4:00 pm Fri.

From: Stone, Brian <<u>bmstone@eprod.com</u>>
Sent: Monday, June 13, 2022 9:18 AM
To: Velez, Nelson, EMNRD <<u>Nelson.Velez@state.nm.us</u>>
Cc: Long, Thomas <<u>tilong@eprod.com</u>>; Kyle Summers <<u>ksummers@ensolum.com</u>>
Subject: RE: [EXTERNAL] CM Morris C#1 36.577109, -107.867766, UL F S14 T27N R10W

Will do. We don't have a schedule yet.

From: Velez, Nelson, EMNRD <<u>Nelson.Velez@state.nm.us</u>>
Sent: Monday, June 13, 2022 8:51 AM
To: Stone, Brian <<u>bmstone@eprod.com</u>>
Cc: Long, Thomas <<u>tilong@eprod.com</u>>; Kyle Summers <<u>ksummers@ensolum.com</u>>
Subject: RE: [EXTERNAL] CM Morris C#1 36.577109, -107.867766, UL F S14 T27N R10W

[Use caution with links/attachments]

Will Enterprise be conducting an investigation for this discovery? If so, please provide a timeline for any future activities. Thank you.

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@state.nm.us</u>

Hrs.: 7:00-11:00 am & 12:00-3:30 pm Mon.-Thur. 7:00-11:00 am & 12:00-4:00 pm Fri.

From: Stone, Brian <<u>bmstone@eprod.com</u>>
Sent: Friday, June 10, 2022 6:57 PM
To: Velez, Nelson, EMNRD <<u>Nelson.Velez@state.nm.us</u>>
Cc: Long, Thomas <<u>tilong@eprod.com</u>>; Kyle Summers <<u>ksummers@ensolum.com</u>>
Subject: [EXTERNAL] CM Morris C#1 36.577109, -107.867766, UL F S14 T27N R10W

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

This email is a notification that Enterprise found evidence of an underground leak at the subject location. Dead vegetation and positive LEL were noted at a location that is on a topo map blue line. The line is buried 9ft deep at that location. No contamination was visible If you have any questions, please call or email. Please note that Tom Long is out of the office and will return June 20.

Brian Stone Field Environmental Manager Enterprise Products (970) 210-2170

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: 11/14/2022 1:45:39 PM

#### ENSOLUM

						ТАБ	BLE 1						
							∍∟⊑ । #1 (06/10/22)						
	SOIL ANALYTICAL SUMMARY												
Sample I.D.	Date	Sample Type	Sample Depth	Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX <sup>1</sup>	TPH GRO	TPH DRO	TPH MRO	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/MRO) <sup>1</sup> (mg/kg)	(mg/kg)
	Depa	eral & Natural R rtment		10	NE	NE	NE	50	NE	NE	NE	100	600
Oil Conser	rvation Divisio	on Closure Criter	ria (Tier I)										
	Composite Soil Samples Removed by Excavation and Transported to the Landfarm for Diposal/Remediation												
S-1	7.7.22	С	27	<0.12	4.2	8.8	120	130	1,400	350	450	2,200	<59
S-2	7.7.22	С	27	<0.025	0.067	0.13	1.3	1.5	34	73	170	280	<60
S-5	7.7.22	С	13 to 27	<0.12	<0.25	<0.25	<0.50	ND	<25	73	110	180	<60
S-6	7.7.22	С	13 to 27	<0.12	0.61	0.57	4.9	6.1	250	92	130	470	91
S-10	7.7.22	С	0 to 13	<0.025	<0.050	<0.050	0.15	0.15	<5.0	<14	<48	ND	<60
S-11	7.7.22	С	13 to 20	1.7	25	6.5	56	89	370	110	<46	480	<60
S-12	7.7.22	С	20 to 27	<0.024	<0.049	<0.049	0.31	0.31	<4.9	<15	<50	ND	<60
S-25	7.7.22	С	13	<0.12	<0.25	<0.25	<0.50	ND	<25	<15	<49	ND	<60
S-26	7.7.22	С	8	<0.025	<0.050	<0.050	<0.099	ND	<5.0	<14	<48	ND	<59
S-27	7.7.22	С	13	<0.12	0.30	<0.25	2.3	2.6	27	20	<49	47	<60
S-28	7.7.22	С	8	<0.025	<0.050	<0.050	<0.099	ND	<5.0	<15	<49	ND	<60
S-31	7.7.22	С	0 to 13	<0.024	<0.049	<0.049	0.11	0.11	<4.9	<14	<47	ND	<60
S-32	7.7.22	С	0 to 10	<0.024	<0.049	<0.049	<0.097	ND	<4.9	<14	<47	ND	<60
S-33	7.7.22	С	3	<0.025	<0.050	<0.050	<0.099	ND	<5.0	<15	<48	ND	<60
S-34	7.7.22	С	3	<0.025	<0.049	<0.049	<0.099	ND	<4.9	<14	<47	ND	<60
						Excavation Com	posite Soil Sar	nples					
S-3	7.7.22	С	13 to 27	<0.12	0.35	0.29	3.3	3.9	34	40	<43	74	<61
S-4	7.7.22	С	13 to 27	<0.12	<0.25	<0.25	0.70	0.70	28	31	<44	59	<60
S-7	7.7.22	С	0 to 13	<0.024	<0.048	<0.048	<0.096	ND	<4.8	<15	<48	ND	<60
S-8	7.7.22	С	13 to 20	<0.12	<0.25	<0.25	0.66	0.66	<25	60	<50	60	<60
S-9	7.7.22	С	20 to 27	<0.024	<0.049	<0.049	<0.097	ND	<4.9	<15	<49	ND	<60
S-13	7.7.22	С	13	<0.024	<0.048	<0.048	0.14	0.14	<4.8	<15	<49	ND	<60
S-14	7.7.22	С	8	0.059	0.95	0.35	3.8	5.2	22	<15	<50	22	<60
S-15	7.7.22	C	3	<0.025	<0.050	<0.050	0.11	0.11	<5.0	<15	<50	ND	<60
S-16	7.7.22	С	3	<0.025	<0.049	<0.049	0.15	0.15	<4.9	16	<48	16	<60
S-17	7.7.22	С	8	<0.025	<0.050	<0.050	<0.099	ND	<5.0	<14	<47	ND	<60
S-18	7.7.22	С	13	<0.024	0.29	0.23	3.1	3.6	37	22	<44	59	<59

#### ENSOLUM

	TABLE 1         CM Morris #1 (06/10/22)       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/MRO) <sup>1</sup> (mg/kg)	Chloride (mg/kg)
New Mexico Energy, Mineral & Natural Resources Department Oil Conservation Division Closure Criteria (Tier I)		10	NE	NE	NE	50	NE	NE	NE	100	600		
S-19	7.7.22	С	0 to 13	<0.025	<0.050	<0.050	<0.099	ND	<5.0	<14	<47	ND	<60
S-20	7.7.22	С	0 to 10	<0.12	<0.25	<0.25	<0.50	ND	<25	<14	<48	ND	<60
S-21	7.7.22	С	0 to 10	<0.12	<0.24	<0.24	<0.48	ND	<24	<15	<50	ND	<60
S-22	7.7.22	С	0 to 13	<0.12	<0.25	<0.25	<0.49	ND	<25	<14	<47	ND	<60
S-23	7.7.22	С	0 to 4	<0.12	<0.25	<0.25	<0.50	ND	<25	<15	<49	ND	<60
S-24	7.7.22	С	0 to 4	<0.12	<0.25	<0.25	1.7	1.7	40	36	<49	76	<60
S-29	7.7.22	С	0 to 13	<0.025	<0.050	<0.050	<0.099	ND	<5.0	<14	<47	ND	<60
S-30	7.7.22	С	0 to 10	<0.025	<0.049	<0.049	<0.098	ND	<4.9	<15	<49	ND	<60
S-35	7.7.22	С	0 to 4	<0.12	<0.24	<0.24	<0.49	ND	<24	16	<49	16	<60
S-35a	7.14.22	С	32	<0.086	0.19	<0.17	0.91	1.1	21	<15	<49	21	<60
S-36	7.7.22	С	0 to 4	<0.12	<0.25	<0.25	<0.50	ND	<25	15	<47	15	<60
S-36a	7.14.22	С	32	<0.085	<0.17	<0.17	<0.34	ND	<17	<15	<48	ND	<60
S-37	7.14.22	С	13 to 20	<0.020	<0.039	<0.039	0.15	0.15	<3.9	<14	<48	ND	<60
S-38	7.19.22	С	27 to 32	<0.016	<0.032	<0.032	<0.064	ND	<3.2	<14	<47	ND	<59
S-39	7.19.22	С	27 to 32	<0.016	<0.033	<0.033	<0.065	ND	<3.3	<14	<46	ND	<61
S-40	7.19.22	С	17 to 32	<0.016	<0.032	<0.032	<0.065	ND	<3.2	<15	<48	ND	<60
S-41	7.19.22	С	17 to 32	<0.018	<0.037	<0.037	<0.073	ND	<3.7	<14	<45	ND	<60

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)

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



## APPENDIX G

## Laboratory Data Sheets & Chain of Custody Documentation

Released to Imaging: 11/14/2022 1:45:39 PM



July 15, 2022

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: CM Morris 1

OrderNo.: 2207301

Dear Kyle Summers:

Hall Environmental Analysis Laboratory received 36 sample(s) on 7/8/2022 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,

Ander

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Lab Order 2207301

Date Reported: 7/15/2022

CLIENT: ENSOLUM	Client Sample ID: S-1									
Project: CM Morris 1	Collection Date: 7/7/2022 10:30:00 AM									
Lab ID: 2207301-001	Matrix: SOIL		e:7/8	8/2022 6:50:00 AM						
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch			
EPA METHOD 300.0: ANIONS						Analyst	: JTT			
Chloride	ND	59		mg/Kg	20	7/12/2022 3:34:08 PM	68681			
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS					Analyst	SB			
Diesel Range Organics (DRO)	350	15		mg/Kg	1	7/11/2022 8:21:18 PM	68651			
Motor Oil Range Organics (MRO)	450	50		mg/Kg	1	7/11/2022 8:21:18 PM	68651			
Surr: DNOP	110	51.1-141		%Rec	1	7/11/2022 8:21:18 PM	68651			
EPA METHOD 8015D: GASOLINE RANGE	E					Analyst	: NSB			
Gasoline Range Organics (GRO)	1400	25		mg/Kg	5	7/11/2022 10:00:08 AM	68649			
Surr: BFB	1450	37.7-212	S	%Rec	5	7/11/2022 10:00:08 AM	68649			
EPA METHOD 8021B: VOLATILES						Analyst	NSB			
Benzene	ND	0.12		mg/Kg	5	7/11/2022 10:00:08 AM	68649			
Toluene	4.2	0.25		mg/Kg	5	7/11/2022 10:00:08 AM	68649			
Ethylbenzene	8.8	0.25		mg/Kg	5	7/11/2022 10:00:08 AM	68649			
Xylenes, Total	120	5.0		mg/Kg	50	7/11/2022 8:20:21 PM	68649			
Surr: 4-Bromofluorobenzene	175	70-130	S	%Rec	5	7/11/2022 10:00:08 AM	68649			

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

**Qualifiers:** 

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

Page 1 of 43

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Lab Order 2207301

Date Reported: 7/15/2022

CLIENT: ENSOLUM	Client Sample ID: S-2									
<b>Project:</b> CM Morris 1	Collection Date: 7/7/2022 10:35:00 AM									
Lab ID: 2207301-002	Matrix: SOIL		Recei	ved Dat	e:7/8	3/2022 6:50:00 AM				
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch			
EPA METHOD 300.0: ANIONS						Analyst	: JTT			
Chloride	ND	60		mg/Kg	20	7/12/2022 3:46:32 PM	68681			
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS					Analyst	SB			
Diesel Range Organics (DRO)	73	13		mg/Kg	1	7/11/2022 8:45:32 PM	68651			
Motor Oil Range Organics (MRO)	170	45		mg/Kg	1	7/11/2022 8:45:32 PM	68651			
Surr: DNOP	107	51.1-141		%Rec	1	7/11/2022 8:45:32 PM	68651			
EPA METHOD 8015D: GASOLINE RANG	GE					Analyst	NSB			
Gasoline Range Organics (GRO)	34	5.0		mg/Kg	1	7/11/2022 10:23:44 AM	68649			
Surr: BFB	365	37.7-212	S	%Rec	1	7/11/2022 10:23:44 AM	68649			
EPA METHOD 8021B: VOLATILES						Analyst	NSB			
Benzene	ND	0.025		mg/Kg	1	7/11/2022 10:23:44 AM	68649			
Toluene	0.067	0.050		mg/Kg	1	7/11/2022 10:23:44 AM	68649			
Ethylbenzene	0.13	0.050		mg/Kg	1	7/11/2022 10:23:44 AM	68649			
Xylenes, Total	1.3	0.10		mg/Kg	1	7/11/2022 10:23:44 AM	68649			
Surr: 4-Bromofluorobenzene	112	70-130		%Rec	1	7/11/2022 10:23:44 AM	68649			

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

**Qualifiers:** 

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

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Hall Environmental	Analysis	Laboratory,	Inc.

Lab Order 2207301

Date Reported: 7/15/2022

CLIENT: ENSOLUM	Client Sample ID: S-3									
Project: CM Morris 1	Collection Date: 7/7/2022 10:40:00 AM									
Lab ID: 2207301-003	Matrix: SOIL		8/2022 6:50:00 AM							
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch				
EPA METHOD 300.0: ANIONS					Analyst	: JTT				
Chloride	ND	61	mg/Kg	20	7/12/2022 3:58:57 PM	68681				
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB				
Diesel Range Organics (DRO)	40	13	mg/Kg	1	7/11/2022 9:09:45 PM	68651				
Motor Oil Range Organics (MRO)	ND	43	mg/Kg	1	7/11/2022 9:09:45 PM	68651				
Surr: DNOP	104	51.1-141	%Rec	1	7/11/2022 9:09:45 PM	68651				
EPA METHOD 8015D: GASOLINE RANG	E				Analyst	: NSB				
Gasoline Range Organics (GRO)	34	25	mg/Kg	5	7/11/2022 10:47:15 AM	68649				
Surr: BFB	121	37.7-212	%Rec	5	7/11/2022 10:47:15 AM	68649				
EPA METHOD 8021B: VOLATILES					Analyst	: NSB				
Benzene	ND	0.12	mg/Kg	5	7/11/2022 10:47:15 AM	68649				
Toluene	0.35	0.25	mg/Kg	5	7/11/2022 10:47:15 AM	68649				
Ethylbenzene	0.29	0.25	mg/Kg	5	7/11/2022 10:47:15 AM	68649				
Xylenes, Total	3.3	0.50	mg/Kg	5	7/11/2022 10:47:15 AM	68649				
Surr: 4-Bromofluorobenzene	103	70-130	%Rec	5	7/11/2022 10:47:15 AM	68649				

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

**Qualifiers:** 

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

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Hall	Environ	mental	Analy	vsis L	aborat	ory, Inc.

Lab Order 2207301

Date Reported: 7/15/2022

CLIENT: ENSOLUM	Client Sample ID: S-4							
Project: CM Morris 1	Collection Date: 7/7/2022 10:45:00 AM							
Lab ID: 2207301-004	Matrix: SOIL		Received Date	e:7/8	8/2022 6:50:00 AM			
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch		
EPA METHOD 300.0: ANIONS					Analyst:	JTT		
Chloride	ND	60	mg/Kg	20	7/12/2022 4:11:21 PM	68681		
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst:	SB		
Diesel Range Organics (DRO)	31	13	mg/Kg	1	7/11/2022 9:33:54 PM	68651		
Motor Oil Range Organics (MRO)	ND	44	mg/Kg	1	7/11/2022 9:33:54 PM	68651		
Surr: DNOP	106	51.1-141	%Rec	1	7/11/2022 9:33:54 PM	68651		
EPA METHOD 8015D: GASOLINE RANGE					Analyst:	NSB		
Gasoline Range Organics (GRO)	28	25	mg/Kg	5	7/11/2022 11:10:49 AM	68649		
Surr: BFB	124	37.7-212	%Rec	5	7/11/2022 11:10:49 AM	68649		
EPA METHOD 8021B: VOLATILES					Analyst:	NSB		
Benzene	ND	0.12	mg/Kg	5	7/11/2022 11:10:49 AM	68649		
Toluene	ND	0.25	mg/Kg	5	7/11/2022 11:10:49 AM	68649		
Ethylbenzene	ND	0.25	mg/Kg	5	7/11/2022 11:10:49 AM	68649		
Xylenes, Total	0.70	0.50	mg/Kg	5	7/11/2022 11:10:49 AM	68649		
Surr: 4-Bromofluorobenzene	104	70-130	%Rec	5	7/11/2022 11:10:49 AM	68649		

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

**Qualifiers:** 

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

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#### Hall Environmental Analysis Laboratory, Inc.

Lab Order 2207301

Date Reported: 7/15/2022

CLIENT: ENSOLUM		Cli	ient Sample II	<b>D:</b> S-:	5			
<b>Project:</b> CM Morris 1	Collection Date: 7/7/2022 10:50:00 AM							
Lab ID: 2207301-005	Matrix: SOIL		<b>Received Dat</b>	<b>e:</b> 7/8	8/2022 6:50:00 AM			
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch		
EPA METHOD 300.0: ANIONS					Analyst	NAI		
Chloride	ND	60	mg/Kg	20	7/11/2022 6:16:20 PM	68696		
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB		
Diesel Range Organics (DRO)	73	15	mg/Kg	1	7/11/2022 9:58:27 PM	68651		
Motor Oil Range Organics (MRO)	110	50	mg/Kg	1	7/11/2022 9:58:27 PM	68651		
Surr: DNOP	107	51.1-141	%Rec	1	7/11/2022 9:58:27 PM	68651		
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB		
Gasoline Range Organics (GRO)	ND	25	mg/Kg	5	7/11/2022 11:34:25 AM	68649		
Surr: BFB	110	37.7-212	%Rec	5	7/11/2022 11:34:25 AM	68649		
EPA METHOD 8021B: VOLATILES					Analyst	NSB		
Benzene	ND	0.12	mg/Kg	5	7/11/2022 11:34:25 AM	68649		
Toluene	ND	0.25	mg/Kg	5	7/11/2022 11:34:25 AM	68649		
Ethylbenzene	ND	0.25	mg/Kg	5	7/11/2022 11:34:25 AM	68649		
Xylenes, Total	ND	0.50	mg/Kg	5	7/11/2022 11:34:25 AM	68649		
Surr: 4-Bromofluorobenzene	101	70-130	%Rec	5	7/11/2022 11:34:25 AM	68649		

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

**Qualifiers:** 

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

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Hall Environmental	Analysis	Laboratory,	Inc.

Lab Order 2207301

Date Reported: 7/15/2022

CLIENT: ENSOLUM		Cl	ient S	ample I	D: S-(	б	
Project: CM Morris 1	<b>Collection Date:</b> 7/7/2022 10:55:00 AM						
Lab ID: 2207301-006	Matrix: SOIL		Rece	ived Dat	e:7/8	8/2022 6:50:00 AM	
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	NAI
Chloride	91	60		mg/Kg	20	7/11/2022 6:28:44 PM	68696
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS					Analyst:	SB
Diesel Range Organics (DRO)	92	14		mg/Kg	1	7/12/2022 8:30:56 PM	68651
Motor Oil Range Organics (MRO)	130	48		mg/Kg	1	7/12/2022 8:30:56 PM	68651
Surr: DNOP	103	51.1-141		%Rec	1	7/12/2022 8:30:56 PM	68651
EPA METHOD 8015D: GASOLINE RANG	<b>GE</b>					Analyst:	NSB
Gasoline Range Organics (GRO)	250	24		mg/Kg	5	7/11/2022 11:58:03 AM	68649
Surr: BFB	467	37.7-212	S	%Rec	5	7/11/2022 11:58:03 AM	68649
EPA METHOD 8021B: VOLATILES						Analyst:	NSB
Benzene	ND	0.12		mg/Kg	5	7/11/2022 11:58:03 AM	68649
Toluene	0.61	0.24		mg/Kg	5	7/11/2022 11:58:03 AM	68649
Ethylbenzene	0.57	0.24		mg/Kg	5	7/11/2022 11:58:03 AM	68649
Xylenes, Total	4.9	0.49		mg/Kg	5	7/11/2022 11:58:03 AM	68649
Surr: 4-Bromofluorobenzene	113	70-130		%Rec	5	7/11/2022 11:58:03 AM	68649

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

**Qualifiers:** 

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

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#### Hall Environmental Analysis Laboratory, Inc.

Lab Order 2207301

Date Reported: 7/15/2022

CLIENT: ENSOLUM		Cl	ient Sample II	<b>D:</b> S-′	7	
<b>Project:</b> CM Morris 1		(	Collection Dat	e:7/7	7/2022 11:00:00 AM	
Lab ID: 2207301-007	Matrix: SOIL		<b>Received Dat</b>	<b>e:</b> 7/8	8/2022 6:50:00 AM	
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: NAI
Chloride	ND	60	mg/Kg	20	7/11/2022 7:05:57 PM	68696
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	7/11/2022 10:23:08 PM	68651
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	7/11/2022 10:23:08 PM	68651
Surr: DNOP	95.2	51.1-141	%Rec	1	7/11/2022 10:23:08 PM	68651
EPA METHOD 8015D: GASOLINE RANG	E				Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	7/11/2022 12:21:48 PM	68649
Surr: BFB	108	37.7-212	%Rec	1	7/11/2022 12:21:48 PM	68649
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.024	mg/Kg	1	7/11/2022 12:21:48 PM	68649
Toluene	ND	0.048	mg/Kg	1	7/11/2022 12:21:48 PM	68649
Ethylbenzene	ND	0.048	mg/Kg	1	7/11/2022 12:21:48 PM	68649
Xylenes, Total	ND	0.096	mg/Kg	1	7/11/2022 12:21:48 PM	68649
Surr: 4-Bromofluorobenzene	104	70-130	%Rec	1	7/11/2022 12:21:48 PM	68649

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

**Qualifiers:** 

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

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Hall Environmental	Analysis	Laboratory,	Inc.

Lab Order 2207301

Date Reported: 7/15/2022

CLIENT: ENSOLUM	Client Sample ID: S-8							
Project: CM Morris 1	Collection Date: 7/7/2022 11:05:00 AM							
Lab ID: 2207301-008	Matrix: SOIL		<b>Received Dat</b>	e:7/8	8/2022 6:50:00 AM			
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch		
EPA METHOD 300.0: ANIONS					Analyst	NAI		
Chloride	ND	60	mg/Kg	20	7/11/2022 7:18:21 PM	68696		
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB		
Diesel Range Organics (DRO)	60	15	mg/Kg	1	7/11/2022 10:47:49 PM	68651		
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	7/11/2022 10:47:49 PM	68651		
Surr: DNOP	97.7	51.1-141	%Rec	1	7/11/2022 10:47:49 PM	68651		
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB		
Gasoline Range Organics (GRO)	ND	25	mg/Kg	5	7/11/2022 12:45:35 PM	68649		
Surr: BFB	113	37.7-212	%Rec	5	7/11/2022 12:45:35 PM	68649		
EPA METHOD 8021B: VOLATILES					Analyst	NSB		
Benzene	ND	0.12	mg/Kg	5	7/11/2022 12:45:35 PM	68649		
Toluene	ND	0.25	mg/Kg	5	7/11/2022 12:45:35 PM	68649		
Ethylbenzene	ND	0.25	mg/Kg	5	7/11/2022 12:45:35 PM	68649		
Xylenes, Total	0.66	0.50	mg/Kg	5	7/11/2022 12:45:35 PM	68649		
Surr: 4-Bromofluorobenzene	102	70-130	%Rec	5	7/11/2022 12:45:35 PM	68649		

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

**Qualifiers:** 

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

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Released to Imaging: 11/14/2022 1:45:39 PM

#### Hall Environmental Analysis Laboratory, Inc.

Lab Order 2207301

Date Reported: 7/15/2022

CLIENT: ENSOLUM	Client Sample ID: S-9					
<b>Project:</b> CM Morris 1		(	Collection Dat	e:7/7	7/2022 11:10:00 AM	
Lab ID: 2207301-009	Matrix: SOIL		<b>Received Dat</b>	<b>e:</b> 7/8	8/2022 6:50:00 AM	
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	NAI
Chloride	ND	60	mg/Kg	20	7/11/2022 7:30:45 PM	68696
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	7/11/2022 11:12:32 PM	68651
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	7/11/2022 11:12:32 PM	68651
Surr: DNOP	93.2	51.1-141	%Rec	1	7/11/2022 11:12:32 PM	68651
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	7/11/2022 1:09:19 PM	68649
Surr: BFB	94.4	37.7-212	%Rec	1	7/11/2022 1:09:19 PM	68649
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.024	mg/Kg	1	7/11/2022 1:09:19 PM	68649
Toluene	ND	0.049	mg/Kg	1	7/11/2022 1:09:19 PM	68649
Ethylbenzene	ND	0.049	mg/Kg	1	7/11/2022 1:09:19 PM	68649
Xylenes, Total	ND	0.097	mg/Kg	1	7/11/2022 1:09:19 PM	68649
Surr: 4-Bromofluorobenzene	98.5	70-130	%Rec	1	7/11/2022 1:09:19 PM	68649

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

**Qualifiers:** 

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

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Hall Environmental	Analysis	Laboratory,	Inc.

Lab Order 2207301

Date Reported: 7/15/2022

CLIENT: ENSOLUM	Client Sample ID: S-10						
Project: CM Morris 1		(	Collection Dat	e:7/7	7/2022 11:15:00 AM		
Lab ID: 2207301-010	Matrix: SOIL		<b>Received Dat</b>	e:7/8	8/2022 6:50:00 AM		
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch	
EPA METHOD 300.0: ANIONS					Analyst	NAI	
Chloride	ND	60	mg/Kg	20	7/11/2022 7:43:10 PM	68696	
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS				Analyst	SB	
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	7/11/2022 11:37:04 PM	68651	
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	7/11/2022 11:37:04 PM	68651	
Surr: DNOP	99.0	51.1-141	%Rec	1	7/11/2022 11:37:04 PM	68651	
EPA METHOD 8015D: GASOLINE RANG	<b>GE</b>				Analyst	NSB	
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	7/11/2022 2:20:48 PM	68649	
Surr: BFB	113	37.7-212	%Rec	1	7/11/2022 2:20:48 PM	68649	
EPA METHOD 8021B: VOLATILES					Analyst	NSB	
Benzene	ND	0.025	mg/Kg	1	7/11/2022 2:20:48 PM	68649	
Toluene	ND	0.050	mg/Kg	1	7/11/2022 2:20:48 PM	68649	
Ethylbenzene	ND	0.050	mg/Kg	1	7/11/2022 2:20:48 PM	68649	
Xylenes, Total	0.15	0.099	mg/Kg	1	7/11/2022 2:20:48 PM	68649	
Surr: 4-Bromofluorobenzene	106	70-130	%Rec	1	7/11/2022 2:20:48 PM	68649	

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

**Qualifiers:** 

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

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Lab Order 2207301

Date Reported: 7/15/2022

CLIENT: ENSOLUM	Client Sample ID: S-11						
Project: CM Morris 1		(	Collec	tion Dat	e:7/7	7/2022 11:20:00 AM	
Lab ID: 2207301-011	Matrix: SOIL		Recei	ived Dat	e:7/8	8/2022 6:50:00 AM	
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	: NAI
Chloride	ND	60		mg/Kg	20	7/11/2022 7:55:35 PM	68696
EPA METHOD 8015M/D: DIESEL RAN	GE ORGANICS					Analyst	: SB
Diesel Range Organics (DRO)	110	14		mg/Kg	1	7/12/2022 12:01:36 AM	68651
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	7/12/2022 12:01:36 AM	68651
Surr: DNOP	98.2	51.1-141		%Rec	1	7/12/2022 12:01:36 AM	68651
EPA METHOD 8015D: GASOLINE RAM	IGE					Analyst	NSB
Gasoline Range Organics (GRO)	370	25		mg/Kg	5	7/11/2022 2:44:41 PM	68649
Surr: BFB	246	37.7-212	S	%Rec	5	7/11/2022 2:44:41 PM	68649
EPA METHOD 8021B: VOLATILES						Analyst	: NSB
Benzene	1.7	0.12		mg/Kg	5	7/11/2022 2:44:41 PM	68649
Toluene	25	0.25		mg/Kg	5	7/11/2022 2:44:41 PM	68649
Ethylbenzene	6.5	0.25		mg/Kg	5	7/11/2022 2:44:41 PM	68649
Xylenes, Total	56	4.9		mg/Kg	50	7/11/2022 8:44:07 PM	68649
Surr: 4-Bromofluorobenzene	120	70-130		%Rec	5	7/11/2022 2:44:41 PM	68649

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

**Qualifiers:** 

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

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Hall Environmental	Analysis	Laboratory,	Inc.

Lab Order 2207301

Date Reported: 7/15/2022

CLIENT: ENSOLUM	SOLUM Client Sample ID: S-12						
<b>Project:</b> CM Morris 1	Collection Date: 7/7/2022 11:25:00 AM						
Lab ID: 2207301-012	Matrix: SOIL Received Date: 7/8/2022 6:50:00 AM						
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch	
EPA METHOD 300.0: ANIONS					Analyst	: NAI	
Chloride	ND	60	mg/Kg	20	7/11/2022 8:32:48 PM	68696	
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB	
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	7/12/2022 12:25:56 AM	68651	
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	7/12/2022 12:25:56 AM	68651	
Surr: DNOP	95.6	51.1-141	%Rec	1	7/12/2022 12:25:56 AM	68651	
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB	
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	7/11/2022 3:08:33 PM	68649	
Surr: BFB	106	37.7-212	%Rec	1	7/11/2022 3:08:33 PM	68649	
EPA METHOD 8021B: VOLATILES					Analyst	NSB	
Benzene	ND	0.024	mg/Kg	1	7/11/2022 3:08:33 PM	68649	
Toluene	ND	0.049	mg/Kg	1	7/11/2022 3:08:33 PM	68649	
Ethylbenzene	ND	0.049	mg/Kg	1	7/11/2022 3:08:33 PM	68649	
Xylenes, Total	0.31	0.098	mg/Kg	1	7/11/2022 3:08:33 PM	68649	
Surr: 4-Bromofluorobenzene	104	70-130	%Rec	1	7/11/2022 3:08:33 PM	68649	

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

**Qualifiers:** 

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

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**CLIENT: ENSOLUM** 

CM Morris 1

2207301-013

**Project:** 

Lab ID:

**Analytical Report** 

Hall Environmental	Analysis	Laboratory,	Inc.

Lab Order 2207301 Date Reported: 7/15/2022

	Client Sample ID: S-13	
	Collection Date: 7/7/2022 11:30:00 AM	
Matrix: SOIL	Received Date: 7/8/2022 6:50:00 AM	

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	NAI
Chloride	ND	60	mg/Kg	20	7/11/2022 9:34:50 PM	68696
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst:	SB
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	7/12/2022 12:50:23 AM	68651
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	7/12/2022 12:50:23 AM	68651
Surr: DNOP	95.2	51.1-141	%Rec	1	7/12/2022 12:50:23 AM	68651
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	7/11/2022 3:32:30 PM	68649
Surr: BFB	113	37.7-212	%Rec	1	7/11/2022 3:32:30 PM	68649
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.024	mg/Kg	1	7/11/2022 3:32:30 PM	68649
Toluene	ND	0.048	mg/Kg	1	7/11/2022 3:32:30 PM	68649
Ethylbenzene	ND	0.048	mg/Kg	1	7/11/2022 3:32:30 PM	68649
Xylenes, Total	0.14	0.096	mg/Kg	1	7/11/2022 3:32:30 PM	68649
Surr: 4-Bromofluorobenzene	102	70-130	%Rec	1	7/11/2022 3:32:30 PM	68649

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

**Qualifiers:** 

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

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#### Hall Environmental Analysis Laboratory, Inc.

Lab Order 2207301

Date Reported: 7/15/2022

CLIENT: ENSOLUM		Cli	ient Sample II	D:S-	14	
<b>Project:</b> CM Morris 1	Collection Date: 7/7/2022 11:35:00 AM					
Lab ID: 2207301-014	Matrix: SOIL		<b>Received</b> Dat	<b>e:</b> 7/8	8/2022 6:50:00 AM	
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: NAI
Chloride	ND	60	mg/Kg	20	7/11/2022 9:47:14 PM	68696
EPA METHOD 8015M/D: DIESEL RAN	GE ORGANICS				Analyst	SB
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	7/12/2022 1:15:09 AM	68651
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	7/12/2022 1:15:09 AM	68651
Surr: DNOP	102	51.1-141	%Rec	1	7/12/2022 1:15:09 AM	68651
EPA METHOD 8015D: GASOLINE RAM	NGE				Analyst	: NSB
Gasoline Range Organics (GRO)	22	4.9	mg/Kg	1	7/11/2022 3:56:25 PM	68649
Surr: BFB	164	37.7-212	%Rec	1	7/11/2022 3:56:25 PM	68649
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	0.059	0.025	mg/Kg	1	7/11/2022 3:56:25 PM	68649
Toluene	0.95	0.049	mg/Kg	1	7/11/2022 3:56:25 PM	68649
Ethylbenzene	0.35	0.049	mg/Kg	1	7/11/2022 3:56:25 PM	68649
Xylenes, Total	3.8	0.098	mg/Kg	1	7/11/2022 3:56:25 PM	68649
Surr: 4-Bromofluorobenzene	113	70-130	%Rec	1	7/11/2022 3:56:25 PM	68649

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

**Qualifiers:** 

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

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Lab Order 2207301

Date Reported: 7/15/2022

CLIENT: ENSOLUM	Client Sample ID: S-15						
Project: CM Morris 1	Collection Date: 7/7/2022 11:40:00 AM						
Lab ID: 2207301-015	Matrix: SOIL Received Date: 7/				/8/2022 6:50:00 AM		
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch	
EPA METHOD 300.0: ANIONS					Analyst:	NAI	
Chloride	ND	60	mg/Kg	20	7/11/2022 9:59:38 PM	68696	
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS				Analyst:	SB	
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	7/12/2022 1:39:45 AM	68651	
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	7/12/2022 1:39:45 AM	68651	
Surr: DNOP	100	51.1-141	%Rec	1	7/12/2022 1:39:45 AM	68651	
EPA METHOD 8015D: GASOLINE RANG	<b>GE</b>				Analyst:	NSB	
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	7/11/2022 4:20:30 PM	68649	
Surr: BFB	113	37.7-212	%Rec	1	7/11/2022 4:20:30 PM	68649	
EPA METHOD 8021B: VOLATILES					Analyst:	NSB	
Benzene	ND	0.025	mg/Kg	1	7/11/2022 4:20:30 PM	68649	
Toluene	ND	0.050	mg/Kg	1	7/11/2022 4:20:30 PM	68649	
Ethylbenzene	ND	0.050	mg/Kg	1	7/11/2022 4:20:30 PM	68649	
Xylenes, Total	0.11	0.10	mg/Kg	1	7/11/2022 4:20:30 PM	68649	
Surr: 4-Bromofluorobenzene	106	70-130	%Rec	1	7/11/2022 4:20:30 PM	68649	

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

**Qualifiers:** 

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

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Lab Order 2207301

Date Reported: 7/15/2022

CLIENT: ENSOLUM	Client Sample ID: S-16							
Project: CM Morris 1	Collection Date: 7/7/2022 11:45:00 AM							
Lab ID: 2207301-016	Matrix: SOIL		<b>Received Dat</b>	<b>e:</b> 7/8	3/2022 6:50:00 AM			
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch		
EPA METHOD 300.0: ANIONS					Analyst	NAI		
Chloride	ND	60	mg/Kg	20	7/11/2022 10:12:02 PM	68696		
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB		
Diesel Range Organics (DRO)	16	14	mg/Kg	1	7/12/2022 2:04:31 AM	68651		
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	7/12/2022 2:04:31 AM	68651		
Surr: DNOP	104	51.1-141	%Rec	1	7/12/2022 2:04:31 AM	68651		
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB		
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	7/11/2022 4:44:31 PM	68649		
Surr: BFB	132	37.7-212	%Rec	1	7/11/2022 4:44:31 PM	68649		
EPA METHOD 8021B: VOLATILES					Analyst	NSB		
Benzene	ND	0.025	mg/Kg	1	7/11/2022 4:44:31 PM	68649		
Toluene	ND	0.049	mg/Kg	1	7/11/2022 4:44:31 PM	68649		
Ethylbenzene	ND	0.049	mg/Kg	1	7/11/2022 4:44:31 PM	68649		
Xylenes, Total	0.15	0.098	mg/Kg	1	7/11/2022 4:44:31 PM	68649		
Surr: 4-Bromofluorobenzene	105	70-130	%Rec	1	7/11/2022 4:44:31 PM	68649		

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

**Qualifiers:** 

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

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## Hall Environmental Analysis Laboratory, Inc.

Lab Order 2207301

Date Reported: 7/15/2022

CLIENT: ENSOLUM Project: CM Morris 1	Client Sample ID: S-17           Collection Date: 7/7/2022 11:50:00 AM           Matrix: SOIL         Received Date: 7/8/2022 6:50:00 AM					
Lab ID: 2207301-017						
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	NAI
Chloride	ND	60	mg/Kg	20	7/11/2022 10:24:26 PM	68696
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	7/12/2022 2:29:59 PM	68675
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	7/12/2022 2:29:59 PM	68675
Surr: DNOP	97.8	51.1-141	%Rec	1	7/12/2022 2:29:59 PM	68675
EPA METHOD 8015D: GASOLINE RANG	E				Analyst	NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	7/11/2022 5:08:33 PM	68649
Surr: BFB	106	37.7-212	%Rec	1	7/11/2022 5:08:33 PM	68649
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.025	mg/Kg	1	7/11/2022 5:08:33 PM	68649
Toluene	ND	0.050	mg/Kg	1	7/11/2022 5:08:33 PM	68649
Ethylbenzene	ND	0.050	mg/Kg	1	7/11/2022 5:08:33 PM	68649
Xylenes, Total	ND	0.099	mg/Kg	1	7/11/2022 5:08:33 PM	68649
Surr: 4-Bromofluorobenzene	106	70-130	%Rec	1	7/11/2022 5:08:33 PM	68649

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

**Qualifiers:** 

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

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Hall Environment	tal Analys	sis Labora	tory, Inc.

Lab Order 2207301

Date Reported: 7/15/2022

CLIENT: ENSOLUM	Client Sample ID: S-18							
Project: CM Morris 1	Collection Date: 7/7/2022 11:55:00 AM							
Lab ID: 2207301-018	Matrix: SOIL		Recei	ved Dat	e:7/8	8/2022 6:50:00 AM		
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch	
EPA METHOD 300.0: ANIONS						Analyst	NAI	
Chloride	ND	59		mg/Kg	20	7/11/2022 10:36:51 PM	68696	
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS					Analyst	SB	
Diesel Range Organics (DRO)	22	13		mg/Kg	1	7/12/2022 10:32:28 PM	68675	
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	7/12/2022 10:32:28 PM	68675	
Surr: DNOP	98.1	51.1-141		%Rec	1	7/12/2022 10:32:28 PM	68675	
EPA METHOD 8015D: GASOLINE RANGE	E					Analyst	NSB	
Gasoline Range Organics (GRO)	37	4.9		mg/Kg	1	7/11/2022 5:32:34 PM	68649	
Surr: BFB	326	37.7-212	S	%Rec	1	7/11/2022 5:32:34 PM	68649	
EPA METHOD 8021B: VOLATILES						Analyst:	NSB	
Benzene	ND	0.024		mg/Kg	1	7/11/2022 5:32:34 PM	68649	
Toluene	0.29	0.049		mg/Kg	1	7/11/2022 5:32:34 PM	68649	
Ethylbenzene	0.23	0.049		mg/Kg	1	7/11/2022 5:32:34 PM	68649	
Xylenes, Total	3.1	0.098		mg/Kg	1	7/11/2022 5:32:34 PM	68649	
Surr: 4-Bromofluorobenzene	127	70-130		%Rec	1	7/11/2022 5:32:34 PM	68649	

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

**Qualifiers:** 

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

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## Hall Environmental Analysis Laboratory, Inc.

Lab Order 2207301

Date Reported: 7/15/2022

CLIENT: ENSOLUM	Client Sample ID: S-19           Collection Date: 7/7/2022 12:00:00 PM           Matrix: SOIL         Received Date: 7/8/2022 6:50:00 AM					
Project: CM Morris 1						
Lab ID: 2207301-019						
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	NAI
Chloride	ND	60	mg/Kg	20	7/11/2022 10:49:15 PM	68696
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	SB
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	7/12/2022 10:56:55 PM	68675
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	7/12/2022 10:56:55 PM	68675
Surr: DNOP	99.5	51.1-141	%Rec	1	7/12/2022 10:56:55 PM	68675
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	7/11/2022 5:56:36 PM	68649
Surr: BFB	105	37.7-212	%Rec	1	7/11/2022 5:56:36 PM	68649
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.025	mg/Kg	1	7/11/2022 5:56:36 PM	68649
Toluene	ND	0.050	mg/Kg	1	7/11/2022 5:56:36 PM	68649
Ethylbenzene	ND	0.050	mg/Kg	1	7/11/2022 5:56:36 PM	68649
Xylenes, Total	ND	0.099	mg/Kg	1	7/11/2022 5:56:36 PM	68649
Surr: 4-Bromofluorobenzene	104	70-130	%Rec	1	7/11/2022 5:56:36 PM	68649

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

**Qualifiers:** 

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

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## Hall Environmental Analysis Laboratory, Inc.

Lab Order 2207301

Date Reported: 7/15/2022

CLIENT: ENSOLUM	Client Sample ID: S-20							
<b>Project:</b> CM Morris 1	Collection Date: 7/7/2022 12:05:00 PM							
Lab ID: 2207301-020	Matrix: SOIL		<b>Received Dat</b>	e:7/8	3/2022 6:50:00 AM			
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch		
EPA METHOD 300.0: ANIONS					Analyst	: NAI		
Chloride	ND	60	mg/Kg	20	7/11/2022 11:01:39 PM	68696		
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED		
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	7/12/2022 1:42:41 PM	68672		
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	7/12/2022 1:42:41 PM	68672		
Surr: DNOP	89.5	51.1-141	%Rec	1	7/12/2022 1:42:41 PM	68672		
EPA METHOD 8015D: GASOLINE RANGE					Analyst	CCM		
Gasoline Range Organics (GRO)	ND	25	mg/Kg	5	7/11/2022 7:23:00 PM	68658		
Surr: BFB	87.9	37.7-212	%Rec	5	7/11/2022 7:23:00 PM	68658		
EPA METHOD 8021B: VOLATILES					Analyst	CCM		
Benzene	ND	0.12	mg/Kg	5	7/11/2022 7:23:00 PM	68658		
Toluene	ND	0.25	mg/Kg	5	7/11/2022 7:23:00 PM	68658		
Ethylbenzene	ND	0.25	mg/Kg	5	7/11/2022 7:23:00 PM	68658		
Xylenes, Total	ND	0.50	mg/Kg	5	7/11/2022 7:23:00 PM	68658		
Surr: 4-Bromofluorobenzene	88.2	70-130	%Rec	5	7/11/2022 7:23:00 PM	68658		

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

**Qualifiers:** 

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

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## Hall Environmental Analysis Laboratory, Inc.

Lab Order 2207301

Date Reported: 7/15/2022

CLIENT: ENSOLUM	Client Sample ID: S-21							
Project: CM Morris 1	Collection Date: 7/7/2022 12:10:00 PM							
Lab ID: 2207301-021	Matrix: SOIL		<b>Received Dat</b>	<b>e:</b> 7/8	8/2022 6:50:00 AM			
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch		
EPA METHOD 300.0: ANIONS					Analyst	: NAI		
Chloride	ND	60	mg/Kg	20	7/11/2022 11:14:03 PM	68696		
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED		
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	7/12/2022 1:58:11 PM	68672		
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	7/12/2022 1:58:11 PM	68672		
Surr: DNOP	92.4	51.1-141	%Rec	1	7/12/2022 1:58:11 PM	68672		
EPA METHOD 8015D: GASOLINE RANGE					Analyst	CCM		
Gasoline Range Organics (GRO)	ND	24	mg/Kg	5	7/11/2022 8:23:00 PM	68658		
Surr: BFB	86.3	37.7-212	%Rec	5	7/11/2022 8:23:00 PM	68658		
EPA METHOD 8021B: VOLATILES					Analyst	ССМ		
Benzene	ND	0.12	mg/Kg	5	7/11/2022 8:23:00 PM	68658		
Toluene	ND	0.24	mg/Kg	5	7/11/2022 8:23:00 PM	68658		
Ethylbenzene	ND	0.24	mg/Kg	5	7/11/2022 8:23:00 PM	68658		
Xylenes, Total	ND	0.48	mg/Kg	5	7/11/2022 8:23:00 PM	68658		
Surr: 4-Bromofluorobenzene	87.7	70-130	%Rec	5	7/11/2022 8:23:00 PM	68658		

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

**Qualifiers:** 

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

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Hall Environmental	Analysis	Laboratory,	Inc.

Lab Order 2207301

Date Reported: 7/15/2022

CLIENT: ENSOLUM		Cl	ient Sample II	<b>D:</b> S-1	22	
<b>Project:</b> CM Morris 1	Collection Date: 7/7/2022 12:15:00 PM					
Lab ID: 2207301-022	Matrix: SOIL		<b>Received Dat</b>	<b>e:</b> 7/8	8/2022 6:50:00 AM	
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: NAI
Chloride	ND	60	mg/Kg	20	7/11/2022 11:26:27 PM	68696
EPA METHOD 8015M/D: DIESEL RANG	GE ORGANICS				Analyst	ED
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	7/12/2022 2:13:11 PM	68672
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	7/12/2022 2:13:11 PM	68672
Surr: DNOP	91.1	51.1-141	%Rec	1	7/12/2022 2:13:11 PM	68672
EPA METHOD 8015D: GASOLINE RAN	IGE				Analyst	CCM
Gasoline Range Organics (GRO)	ND	25	mg/Kg	5	7/11/2022 9:22:00 PM	68658
Surr: BFB	85.8	37.7-212	%Rec	5	7/11/2022 9:22:00 PM	68658
EPA METHOD 8021B: VOLATILES					Analyst	CCM
Benzene	ND	0.12	mg/Kg	5	7/11/2022 9:22:00 PM	68658
Toluene	ND	0.25	mg/Kg	5	7/11/2022 9:22:00 PM	68658
Ethylbenzene	ND	0.25	mg/Kg	5	7/11/2022 9:22:00 PM	68658
Xylenes, Total	ND	0.49	mg/Kg	5	7/11/2022 9:22:00 PM	68658
Surr: 4-Bromofluorobenzene	85.7	70-130	%Rec	5	7/11/2022 9:22:00 PM	68658

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

**Qualifiers:** 

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

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Hall Environmental	Analysis	Laboratory,	Inc.

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Date Reported: 7/15/2022

CLIENT: ENSOLUM	Client Sample ID: S-23							
Project: CM Morris 1	Collection Date: 7/7/2022 12:20:00 PM							
Lab ID: 2207301-023	Matrix: SOIL		<b>Received Dat</b>	e:7/8	3/2022 6:50:00 AM			
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch		
EPA METHOD 300.0: ANIONS					Analyst	: NAI		
Chloride	ND	60	mg/Kg	20	7/12/2022 12:03:40 AM	68696		
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED		
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	7/12/2022 2:27:55 PM	68672		
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	7/12/2022 2:27:55 PM	68672		
Surr: DNOP	112	51.1-141	%Rec	1	7/12/2022 2:27:55 PM	68672		
EPA METHOD 8015D: GASOLINE RANGE					Analyst	RAA		
Gasoline Range Organics (GRO)	ND	25	mg/Kg	5	7/12/2022 9:29:00 AM	68658		
Surr: BFB	97.2	37.7-212	%Rec	5	7/12/2022 9:29:00 AM	68658		
EPA METHOD 8021B: VOLATILES					Analyst	RAA		
Benzene	ND	0.12	mg/Kg	5	7/12/2022 9:29:00 AM	68658		
Toluene	ND	0.25	mg/Kg	5	7/12/2022 9:29:00 AM	68658		
Ethylbenzene	ND	0.25	mg/Kg	5	7/12/2022 9:29:00 AM	68658		
Xylenes, Total	ND	0.50	mg/Kg	5	7/12/2022 9:29:00 AM	68658		
Surr: 4-Bromofluorobenzene	92.2	70-130	%Rec	5	7/12/2022 9:29:00 AM	68658		

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

**Qualifiers:** 

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

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Hall Environmental	Analysis	Laboratory,	Inc.

Lab Order 2207301

Date Reported: 7/15/2022

CLIENT: ENSOLUM		Cl	ient Sample II	<b>D:</b> S-2	24	
<b>Project:</b> CM Morris 1	Collection Date: 7/7/2022 12:25:00 PM					
Lab ID: 2207301-024	Matrix: SOIL		<b>Received Dat</b>	e:7/8	8/2022 6:50:00 AM	
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: NAI
Chloride	ND	60	mg/Kg	20	7/12/2022 12:16:04 AM	68696
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS				Analyst	ED
Diesel Range Organics (DRO)	36	15	mg/Kg	1	7/12/2022 2:42:30 PM	68672
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	7/12/2022 2:42:30 PM	68672
Surr: DNOP	115	51.1-141	%Rec	1	7/12/2022 2:42:30 PM	68672
EPA METHOD 8015D: GASOLINE RANG	GE				Analyst	CCM
Gasoline Range Organics (GRO)	40	25	mg/Kg	5	7/11/2022 10:02:00 PM	68658
Surr: BFB	125	37.7-212	%Rec	5	7/11/2022 10:02:00 PM	68658
EPA METHOD 8021B: VOLATILES					Analyst	ССМ
Benzene	ND	0.12	mg/Kg	5	7/11/2022 10:02:00 PM	68658
Toluene	ND	0.25	mg/Kg	5	7/11/2022 10:02:00 PM	68658
Ethylbenzene	ND	0.25	mg/Kg	5	7/11/2022 10:02:00 PM	68658
Xylenes, Total	1.7	0.49	mg/Kg	5	7/11/2022 10:02:00 PM	68658
Surr: 4-Bromofluorobenzene	92.3	70-130	%Rec	5	7/11/2022 10:02:00 PM	68658

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

**Qualifiers:** 

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

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Date Reported: 7/15/2022

CLIENT: ENSOLUM		Cli	ient Sample II	<b>D:</b> S-2	25	
<b>Project:</b> CM Morris 1		(	Collection Dat	e:7/7	7/2022 12:30:00 PM	
Lab ID: 2207301-025	Matrix: SOIL         Received Date: 7/8/2022 6:50:00 Al					
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	NAI
Chloride	ND	60	mg/Kg	20	7/12/2022 12:39:55 PM	68714
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	7/12/2022 2:57:09 PM	68672
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	7/12/2022 2:57:09 PM	68672
Surr: DNOP	93.4	51.1-141	%Rec	1	7/12/2022 2:57:09 PM	68672
EPA METHOD 8015D: GASOLINE RANGE					Analyst	CCM
Gasoline Range Organics (GRO)	ND	25	mg/Kg	5	7/11/2022 10:22:00 PM	68658
Surr: BFB	96.9	37.7-212	%Rec	5	7/11/2022 10:22:00 PM	68658
EPA METHOD 8021B: VOLATILES					Analyst	CCM
Benzene	ND	0.12	mg/Kg	5	7/11/2022 10:22:00 PM	68658
Toluene	ND	0.25	mg/Kg	5	7/11/2022 10:22:00 PM	68658
Ethylbenzene	ND	0.25	mg/Kg	5	7/11/2022 10:22:00 PM	68658
Xylenes, Total	ND	0.50	mg/Kg	5	7/11/2022 10:22:00 PM	68658
Surr: 4-Bromofluorobenzene	87.5	70-130	%Rec	5	7/11/2022 10:22:00 PM	68658

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

**Qualifiers:** 

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

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Lab Order 2207301

Date Reported: 7/15/2022

		C	·	<b>D</b> . C	26	
CLIENT: ENSOLUM			ient Sample II			
<b>Project:</b> CM Morris 1		(	Collection Dat	<b>e:</b> 7/	7/2022 12:35:00 PM	
Lab ID: 2207301-026	Matrix: SOIL		<b>Received Dat</b>	<b>e:</b> 7/8	8/2022 6:50:00 AM	
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	NAI
Chloride	ND	59	mg/Kg	20	7/12/2022 1:17:08 PM	68714
EPA METHOD 8015M/D: DIESEL RANG	E ORGANICS				Analyst	ED
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	7/12/2022 3:11:53 PM	68672
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	7/12/2022 3:11:53 PM	68672
Surr: DNOP	87.1	51.1-141	%Rec	1	7/12/2022 3:11:53 PM	68672
EPA METHOD 8015D: GASOLINE RAN	GE				Analyst	ССМ
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	7/11/2022 10:41:00 PM	68658
Surr: BFB	79.3	37.7-212	%Rec	1	7/11/2022 10:41:00 PM	68658
EPA METHOD 8021B: VOLATILES					Analyst	ССМ
Benzene	ND	0.025	mg/Kg	1	7/11/2022 10:41:00 PM	68658
Toluene	ND	0.050	mg/Kg	1	7/11/2022 10:41:00 PM	68658
Ethylbenzene	ND	0.050	mg/Kg	1	7/11/2022 10:41:00 PM	68658
Xylenes, Total	ND	0.099	mg/Kg	1	7/11/2022 10:41:00 PM	68658
Surr: 4-Bromofluorobenzene	79.9	70-130	%Rec	1	7/11/2022 10:41:00 PM	68658

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

**Qualifiers:** 

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

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Date Reported:	7/15/2022
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CLIENT: ENSOLUM	Client Sample ID: S-27						
<b>Project:</b> CM Morris 1		(	Collecti	ion Dat	<b>e:</b> 7/7	7/2022 12:40:00 PM	
Lab ID: 2207301-027	Matrix: SOIL		Receiv	ed Dat	<b>e:</b> 7/8	8/2022 6:50:00 AM	
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	NAI
Chloride	ND	60		mg/Kg	20	7/12/2022 1:54:21 PM	68714
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS					Analyst	ED
Diesel Range Organics (DRO)	20	15		mg/Kg	1	7/12/2022 3:26:20 PM	68672
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/12/2022 3:26:20 PM	68672
Surr: DNOP	94.8	51.1-141		%Rec	1	7/12/2022 3:26:20 PM	68672
EPA METHOD 8015D: GASOLINE RANGE						Analyst	ССМ
Gasoline Range Organics (GRO)	27	25		mg/Kg	5	7/11/2022 11:01:00 PM	68658
Surr: BFB	108	37.7-212		%Rec	5	7/11/2022 11:01:00 PM	68658
EPA METHOD 8021B: VOLATILES						Analyst:	ССМ
Benzene	ND	0.12		mg/Kg	5	7/11/2022 11:01:00 PM	68658
Toluene	0.30	0.25		mg/Kg	5	7/11/2022 11:01:00 PM	68658
Ethylbenzene	ND	0.25		mg/Kg	5	7/11/2022 11:01:00 PM	68658
Xylenes, Total	2.3	0.49		mg/Kg	5	7/11/2022 11:01:00 PM	68658
Surr: 4-Bromofluorobenzene	91.9	70-130		%Rec	5	7/11/2022 11:01:00 PM	68658

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

**Qualifiers:** 

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

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Date Reported: 7/15/2022

CLIENT: ENSOLUM		Cl	ient Sa	mple II	<b>D:</b> S-2	28	
Project: CM Morris 1	<b>Collection Date:</b> 7/7/2022 12:45:00 PM						
Lab ID: 2207301-028	Matrix: SOIL		Receiv	ved Dat	<b>e:</b> 7/8	3/2022 6:50:00 AM	
Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	NAI
Chloride	ND	60		mg/Kg	20	7/12/2022 2:06:45 PM	68714
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS					Analyst	ED
Diesel Range Organics (DRO)	ND	15		mg/Kg	1	7/12/2022 3:40:41 PM	68672
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/12/2022 3:40:41 PM	68672
Surr: DNOP	87.5	51.1-141		%Rec	1	7/12/2022 3:40:41 PM	68672
EPA METHOD 8015D: GASOLINE RANGE						Analyst	ССМ
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/11/2022 11:21:00 PM	68658
Surr: BFB	83.4	37.7-212		%Rec	1	7/11/2022 11:21:00 PM	68658
EPA METHOD 8021B: VOLATILES						Analyst	CCM
Benzene	ND	0.025		mg/Kg	1	7/11/2022 11:21:00 PM	68658
Toluene	ND	0.050		mg/Kg	1	7/11/2022 11:21:00 PM	68658
Ethylbenzene	ND	0.050		mg/Kg	1	7/11/2022 11:21:00 PM	68658
Xylenes, Total	ND	0.099		mg/Kg	1	7/11/2022 11:21:00 PM	68658
Surr: 4-Bromofluorobenzene	84.5	70-130		%Rec	1	7/11/2022 11:21:00 PM	68658

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

**Qualifiers:** 

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

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Date Reported: 7/15/2022

CLIENT: ENSOLUM	Client Sample ID: S-29					
<b>Project:</b> CM Morris 1		Co	ollection Date	e:7/7	7/2022 12:50:00 PM	
Lab ID: 2207301-029	Matrix: SOIL	R	Received Date	e:7/8	8/2022 6:50:00 AM	
Analyses	Result	RL (	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	NAI
Chloride	ND	60	mg/Kg	20	7/12/2022 2:43:58 PM	68714
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	7/12/2022 3:55:23 PM	68672
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	7/12/2022 3:55:23 PM	68672
Surr: DNOP	88.1	51.1-141	%Rec	1	7/12/2022 3:55:23 PM	68672
EPA METHOD 8015D: GASOLINE RANGE	1				Analyst	CCM
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	7/11/2022 11:41:00 PM	68658
Surr: BFB	79.3	37.7-212	%Rec	1	7/11/2022 11:41:00 PM	68658
EPA METHOD 8021B: VOLATILES					Analyst	CCM
Benzene	ND	0.025	mg/Kg	1	7/11/2022 11:41:00 PM	68658
Toluene	ND	0.050	mg/Kg	1	7/11/2022 11:41:00 PM	68658
Ethylbenzene	ND	0.050	mg/Kg	1	7/11/2022 11:41:00 PM	68658
Xylenes, Total	ND	0.099	mg/Kg	1	7/11/2022 11:41:00 PM	68658
Surr: 4-Bromofluorobenzene	81.6	70-130	%Rec	1	7/11/2022 11:41:00 PM	68658

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

**Qualifiers:** 

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

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Date Reported: 7/15/2022

CLIENT: ENSOLUM	Client Sample ID: S-30					
<b>Project:</b> CM Morris 1		(	Collection Dat	e:7/7	7/2022 12:55:00 PM	
Lab ID: 2207301-030	Matrix: SOIL         Received Date: 7/8/2022 6:50:00 AM					
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: NAI
Chloride	ND	60	mg/Kg	20	7/12/2022 2:56:23 PM	68714
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	7/12/2022 4:09:58 PM	68672
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	7/12/2022 4:09:58 PM	68672
Surr: DNOP	86.1	51.1-141	%Rec	1	7/12/2022 4:09:58 PM	68672
EPA METHOD 8015D: GASOLINE RANGE					Analyst	CCM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	7/12/2022 12:20:00 AM	68658
Surr: BFB	80.0	37.7-212	%Rec	1	7/12/2022 12:20:00 AM	68658
EPA METHOD 8021B: VOLATILES					Analyst	CCM
Benzene	ND	0.025	mg/Kg	1	7/12/2022 12:20:00 AM	68658
Toluene	ND	0.049	mg/Kg	1	7/12/2022 12:20:00 AM	68658
Ethylbenzene	ND	0.049	mg/Kg	1	7/12/2022 12:20:00 AM	68658
Xylenes, Total	ND	0.098	mg/Kg	1	7/12/2022 12:20:00 AM	68658
Surr: 4-Bromofluorobenzene	81.1	70-130	%Rec	1	7/12/2022 12:20:00 AM	68658

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

**Qualifiers:** 

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

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Date Reported:	7/15/2022
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CLIENT: ENSOLUM	Client Sample ID: S-31					
<b>Project:</b> CM Morris 1		(	Collection Dat	<b>e:</b> 7/7	7/2022 1:00:00 PM	
Lab ID: 2207301-031	Matrix: SOIL		<b>Received Dat</b>	<b>e:</b> 7/8	8/2022 6:50:00 AM	
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	NAI
Chloride	ND	60	mg/Kg	20	7/12/2022 3:08:47 PM	68714
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst:	ED
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	7/12/2022 4:24:23 PM	68672
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	7/12/2022 4:24:23 PM	68672
Surr: DNOP	94.4	51.1-141	%Rec	1	7/12/2022 4:24:23 PM	68672
EPA METHOD 8015D: GASOLINE RANGE	E				Analyst:	ССМ
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	7/12/2022 12:40:00 AM	68658
Surr: BFB	90.0	37.7-212	%Rec	1	7/12/2022 12:40:00 AM	68658
EPA METHOD 8021B: VOLATILES					Analyst:	ССМ
Benzene	ND	0.024	mg/Kg	1	7/12/2022 12:40:00 AM	68658
Toluene	ND	0.049	mg/Kg	1	7/12/2022 12:40:00 AM	68658
Ethylbenzene	ND	0.049	mg/Kg	1	7/12/2022 12:40:00 AM	68658
Xylenes, Total	0.11	0.098	mg/Kg	1	7/12/2022 12:40:00 AM	68658
Surr: 4-Bromofluorobenzene	81.9	70-130	%Rec	1	7/12/2022 12:40:00 AM	68658

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

**Qualifiers:** 

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

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Date Reported: 7/15/2022

CLIENT: ENSOLUM		Cl	ient Sample II	<b>D:</b> S-3	32	
<b>Project:</b> CM Morris 1		(	Collection Dat	e:7/7	7/2022 1:05:00 PM	
Lab ID: 2207301-032	Matrix: SOIL Received Date: 7/8/2022 6:50:00 AM					
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: NAI
Chloride	ND	60	mg/Kg	20	7/12/2022 3:21:11 PM	68714
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	7/12/2022 4:38:55 PM	68672
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	7/12/2022 4:38:55 PM	68672
Surr: DNOP	91.7	51.1-141	%Rec	1	7/12/2022 4:38:55 PM	68672
EPA METHOD 8015D: GASOLINE RANGE					Analyst	CCM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	7/12/2022 1:00:00 AM	68658
Surr: BFB	81.5	37.7-212	%Rec	1	7/12/2022 1:00:00 AM	68658
EPA METHOD 8021B: VOLATILES					Analyst	ссм:
Benzene	ND	0.024	mg/Kg	1	7/12/2022 1:00:00 AM	68658
Toluene	ND	0.049	mg/Kg	1	7/12/2022 1:00:00 AM	68658
Ethylbenzene	ND	0.049	mg/Kg	1	7/12/2022 1:00:00 AM	68658
Xylenes, Total	ND	0.097	mg/Kg	1	7/12/2022 1:00:00 AM	68658
Surr: 4-Bromofluorobenzene	82.3	70-130	%Rec	1	7/12/2022 1:00:00 AM	68658

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

**Qualifiers:** 

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

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.

Hall Environmental	Analysis	Laboratory,	Inc.

Lab Order 2207301

Date Reported: 7/15/2022

CLIENT: ENSOLUM		Cl	ient Sample II	<b>D:</b> S-3	33	
<b>Project:</b> CM Morris 1		(	Collection Dat	e:7/7	7/2022 1:10:00 PM	
Lab ID: 2207301-033	Matrix: SOIL Received Date: 7/8/2022 6:50:00 AM					
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: NAI
Chloride	ND	60	mg/Kg	20	7/12/2022 3:33:35 PM	68714
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	: ED
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	7/12/2022 4:53:05 PM	68672
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	7/12/2022 4:53:05 PM	68672
Surr: DNOP	88.8	51.1-141	%Rec	1	7/12/2022 4:53:05 PM	68672
EPA METHOD 8015D: GASOLINE RANGE					Analyst	CCM
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	7/12/2022 1:20:00 AM	68658
Surr: BFB	86.1	37.7-212	%Rec	1	7/12/2022 1:20:00 AM	68658
EPA METHOD 8021B: VOLATILES					Analyst	CCM
Benzene	ND	0.025	mg/Kg	1	7/12/2022 1:20:00 AM	68658
Toluene	ND	0.050	mg/Kg	1	7/12/2022 1:20:00 AM	68658
Ethylbenzene	ND	0.050	mg/Kg	1	7/12/2022 1:20:00 AM	68658
Xylenes, Total	ND	0.099	mg/Kg	1	7/12/2022 1:20:00 AM	68658
Surr: 4-Bromofluorobenzene	82.5	70-130	%Rec	1	7/12/2022 1:20:00 AM	68658

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

**Qualifiers:** 

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

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Hall Environmental	Analysis	Laboratory,	Inc.

Lab Order 2207301

Date Reported: 7/15/2022

CLIENT: ENSOLUM		Cl	ient Sample I	<b>D:</b> S-3	34	
Project: CM Morris 1		(	Collection Dat	t <b>e:</b> 7/7	7/2022 1:15:00 PM	
Lab ID: 2207301-034	Matrix: SOIL Received Date: 7/8/2022 6:50:00 AM					
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: NAI
Chloride	ND	60	mg/Kg	20	7/12/2022 3:46:00 PM	68714
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED:
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	7/12/2022 5:07:47 PM	68672
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	7/12/2022 5:07:47 PM	68672
Surr: DNOP	91.4	51.1-141	%Rec	1	7/12/2022 5:07:47 PM	68672
EPA METHOD 8015D: GASOLINE RANGE					Analyst	CCM
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	7/12/2022 1:39:00 AM	68658
Surr: BFB	85.9	37.7-212	%Rec	1	7/12/2022 1:39:00 AM	68658
EPA METHOD 8021B: VOLATILES					Analyst	CCM
Benzene	ND	0.025	mg/Kg	1	7/12/2022 1:39:00 AM	68658
Toluene	ND	0.049	mg/Kg	1	7/12/2022 1:39:00 AM	68658
Ethylbenzene	ND	0.049	mg/Kg	1	7/12/2022 1:39:00 AM	68658
Xylenes, Total	ND	0.099	mg/Kg	1	7/12/2022 1:39:00 AM	68658
Surr: 4-Bromofluorobenzene	85.2	70-130	%Rec	1	7/12/2022 1:39:00 AM	68658

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

**Qualifiers:** 

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

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Hall Environmental	Analysis	Laboratory,	Inc.

Lab Order 2207301

Date Reported:	7/15/2022
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CLIENT: ENSOLUM	Client Sample ID: S-35									
Project: CM Morris 1	Collection Date: 7/7/2022 1:20:00 PM									
Lab ID: 2207301-035	Matrix: SOIL Received Date: 7/8/2022 6:50:00 AM									
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch				
EPA METHOD 300.0: ANIONS					Analyst:	NAI				
Chloride	ND	60	mg/Kg	20	7/12/2022 3:58:24 PM	68714				
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst:	ED				
Diesel Range Organics (DRO)	16	15	mg/Kg	1	7/13/2022 11:47:41 AM	68672				
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	7/13/2022 11:47:41 AM	68672				
Surr: DNOP	99.3	51.1-141	%Rec	1	7/13/2022 11:47:41 AM	68672				
EPA METHOD 8015D: GASOLINE RANGE					Analyst:	RAA				
Gasoline Range Organics (GRO)	ND	24	mg/Kg	5	7/12/2022 9:49:00 AM	68658				
Surr: BFB	102	37.7-212	%Rec	5	7/12/2022 9:49:00 AM	68658				
EPA METHOD 8021B: VOLATILES					Analyst:	RAA				
Benzene	ND	0.12	mg/Kg	5	7/12/2022 9:49:00 AM	68658				
Toluene	ND	0.24	mg/Kg	5	7/12/2022 9:49:00 AM	68658				
Ethylbenzene	ND	0.24	mg/Kg	5	7/12/2022 9:49:00 AM	68658				
Xylenes, Total	ND	0.49	mg/Kg	5	7/12/2022 9:49:00 AM	68658				
Surr: 4-Bromofluorobenzene	95.4	70-130	%Rec	5	7/12/2022 9:49:00 AM	68658				

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

**Qualifiers:** 

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

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## Hall Environmental Analysis Laboratory, Inc.

Lab Order 2207301

Date Reported: 7/15/2022

CLIENT: ENSOLUM		C	ient Sample II	<b>D:</b> S-2	36						
<b>Project:</b> CM Morris 1	Collection Date: 7/7/2022 1:25:00 PM										
Lab ID: 2207301-036	Matrix: SOIL Received Date: 7/8/2022 6:50:00 AM										
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch					
EPA METHOD 300.0: ANIONS					Analyst	: NAI					
Chloride	ND	60	mg/Kg	20	7/12/2022 4:10:48 PM	68714					
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst	ED					
Diesel Range Organics (DRO)	15	14	mg/Kg	1	7/12/2022 5:22:08 PM	68672					
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	7/12/2022 5:22:08 PM	68672					
Surr: DNOP	105	51.1-141	%Rec	1	7/12/2022 5:22:08 PM	68672					
EPA METHOD 8015D: GASOLINE RANGE					Analyst	CCM					
Gasoline Range Organics (GRO)	ND	25	mg/Kg	5	7/12/2022 2:19:00 AM	68658					
Surr: BFB	94.0	37.7-212	%Rec	5	7/12/2022 2:19:00 AM	68658					
EPA METHOD 8021B: VOLATILES					Analyst	CCM					
Benzene	ND	0.12	mg/Kg	5	7/12/2022 2:19:00 AM	68658					
Toluene	ND	0.25	mg/Kg	5	7/12/2022 2:19:00 AM	68658					
Ethylbenzene	ND	0.25	mg/Kg	5	7/12/2022 2:19:00 AM	68658					
Xylenes, Total	ND	0.50	mg/Kg	5	7/12/2022 2:19:00 AM	68658					
Surr: 4-Bromofluorobenzene	89.1	70-130	%Rec	5	7/12/2022 2:19:00 AM	68658					

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

**Qualifiers:** 

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

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QC SUMMART REFORT	WO#:	2207301
Hall Environmental Analysis Laboratory, Inc.		15-Jul-22

Client: ENSO Project: CM M	DLUM Aorris 1			
Sample ID: MB-68696	SampType: mblk TestCode: EPA Method 300.0: Anions	5		
Client ID: PBS	Batch ID: 68696 RunNo: 89392			
Prep Date: 7/11/2022	Analysis Date: 7/11/2022 SeqNo: 3180049 Units: mg/K	9		
Analyte Chloride	Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit ND 1.5	%RPD	RPDLimit	Qual
Sample ID: LCS-68696	SampType: Ics TestCode: EPA Method 300.0: Anions	6		
Client ID: LCSS	Batch ID: 68696 RunNo: 89392			
Prep Date: 7/11/2022	Analysis Date: 7/11/2022 SeqNo: 3180050 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 92.1 90 110			
Sample ID: MB-68681	SampType: mblk TestCode: EPA Method 300.0: Anions	6		
Client ID: PBS	Batch ID: 68681 RunNo: 89394			
Prep Date: 7/11/2022	Analysis Date: 7/11/2022 SeqNo: 3180120 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-68681	SampType: Ics TestCode: EPA Method 300.0: Anions	6		
Client ID: LCSS	Batch ID: 68681 RunNo: 89394			
Prep Date: 7/11/2022	Analysis Date: 7/11/2022 SeqNo: 3180121 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 92.6 90 110			
Sample ID: MB-68714	SampType: mblk TestCode: EPA Method 300.0: Anions	5		
Client ID: PBS	Batch ID: 68714 RunNo: 89439			
Prep Date: 7/12/2022	Analysis Date: 7/12/2022 SeqNo: 3181846 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-68714	SampType: Ics TestCode: EPA Method 300.0: Anions	3		
Client ID: LCSS	Batch ID: 68714 RunNo: 89439			
Prep Date: 7/12/2022	Analysis Date: 7/12/2022 SeqNo: 3181847 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 92.5 90 110			

### **Qualifiers:**

D

\* Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix

в

- Е
- Holding times for preparation or analysis exceeded

Н ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

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

- Analyte detected in the associated Method Blank
- Estimated value
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range

RL Reporting Limit Page 37 of 43

## QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc

2207301

WO#:

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Hall Environment	al Analysis L	aborat	ory, Inc.						15-Jul-22
Client: ENSOL Project: CM Mon	-								
Sample ID: MB-68651	SampType: <b>ME</b>	LK	Tes	tCode: EF	PA Method	8015M/D: Die	esel Rang	e Organics	
Client ID: PBS	Batch ID: 686	651	F	RunNo: <b>89</b>	9367				
Prep Date: 7/8/2022	Analysis Date: 7/	11/2022	5	SeqNo: 31	79032	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	40.00		404	54.4				
Surr: DNOP	10	10.00		104	51.1	141			
Sample ID: LCS-68651	SampType: LC	S	Tes	tCode: EF	PA Method	8015M/D: Die	esel Rang	e Organics	
Client ID: LCSS	Batch ID: 686	651	F	RunNo: <b>8</b> 9	9367				
Prep Date: 7/8/2022	Analysis Date: 7/	11/2022	S	SeqNo: 31	79034	Units: mg/K	g		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	50 15	50.00	0	101	64.4	127			
Surr: DNOP	5.6	5.000		112	51.1	141			
Sample ID: MB-68675	SampType: ME	ILK	Tes	tCode: EF	PA Method	8015M/D: Die	esel Rang	e Organics	
Client ID: PBS	Batch ID: 686	675	F	RunNo: <b>89</b>	9401				
Prep Date: 7/11/2022	Analysis Date: 7/	12/2022	S	SeqNo: <b>3</b> 1	80414	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) Surr: DNOP	ND 50 9.6	10.00		96.2	51.1	141			
	9.0	10.00		90.2	51.1	141			
Sample ID: LCS-68675	SampType: LC	S	Tes	tCode: EF	PA Method	8015M/D: Die	esel Rang	e Organics	
Client ID: LCSS	Batch ID: 680	675	F	RunNo: <b>89</b>	9401				
Prep Date: 7/11/2022	Analysis Date: 7/	12/2022	S	SeqNo: 31	80415	Units: mg/K	g		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48 15	50.00	0	96.9	64.4	127			
Surr: DNOP	4.8	5.000		96.3	51.1	141			
Sample ID: MB-68672	SampType: ME	LK	Tes	tCode: EF	PA Method	8015M/D: Die	esel Rang	e Organics	
Client ID: PBS	Batch ID: 686	672	F	RunNo: <b>89</b>	9397				
Prep Date: 7/11/2022	Analysis Date: 7/	12/2022	S	SeqNo: <b>3</b> 1	80547	Units: <b>mg/K</b>	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	40.00		04.4	<b>FA 4</b>				
Surr: DNOP	9.4	10.00		94.1	51.1	141			

### Qualifiers:

Н

ND

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

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

Holding times for preparation or analysis exceeded

# QC SUMMARY REPORT

QC SUMMARY Hall Environmenta			aborat	ory, Inc.					WO#:	220730 15-Jul-22
Client: ENSOLU Project: CM Morr										
Sample ID: LCS-68672	SampT	ype: LC	S	Tes	tCode: El	PA Method	8015M/D: Die	esel Rang	e Organics	
Client ID: LCSS	Batch	n ID: 68	672	F	RunNo: <b>8</b>	9397				
Prep Date: 7/11/2022	Analysis D	Date: 7/	12/2022	S	SeqNo: 3	180548	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	56	15	50.00	0	111	64.4	127			
Surr: DNOP	5.3		5.000		107	51.1	141			
Sample ID: MB-68693	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	8015M/D: Die	esel Rang	e Organics	
Client ID: PBS	Batch	n ID: 68	693	F	RunNo: <b>8</b>	9397				
Prep Date: 7/11/2022	Analysis D	Date: 7/	12/2022	S	SeqNo: 3	180569	Units: %Rec	;		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	8.4		10.00		83.6	51.1	141			
Sample ID: 2207301-017AMS	SampT	уре: М	6	Tes	tCode: El	PA Method	8015M/D: Die	esel Rang	e Organics	
Client ID: S-17	Batch	n ID: 68	675	F	RunNo: <b>8</b>	9401				
Prep Date: 7/11/2022	Analysis D	Date: 7/	12/2022	S	SeqNo: 3	181527	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	42	14	45.21	0	93.9	36.1	154			
Surr: DNOP	4.4		4.521		98.2	51.1	141			
Sample ID: 2207301-017AMSI	SampT	ype: <b>MS</b>	SD	Tes	tCode: El	PA Method	8015M/D: Die	esel Rang	e Organics	
Client ID: S-17	Batch	n ID: 68	675	F	RunNo: 8	9401				

Client ID: S-17	Batch	n ID: 68	675	F	9401					
Prep Date: 7/11/2022	Analysis D	ate: 7/	12/2022	5	SeqNo: 3	181528	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	40	14	45.13	0	88.1	36.1	154	6.52	33.9	
Surr: DNOP	4.4		4.513		97.6	51.1	141	0	0	
Sample ID: LCS-68693	SampT	ype: LC	S	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics	
Sample ID: LCS-68693 Client ID: LCSS	•	ype: LC			tCode: El RunNo: 8		8015M/D: Die	esel Range	e Organics	
	•	n ID: 680	693	F		9397	8015M/D: Die Units: %Ree	U	e Organics	
Client ID: LCSS	Batch	n ID: 680	693 12/2022	F	RunNo: <b>8</b>	9397		U	e Organics RPDLimit	Qual

### **Qualifiers:**

D

Н

ND

\* Value exceeds Maximum Contaminant Level.

Not Detected at the Reporting Limit

Holding times for preparation or analysis exceeded

Sample Diluted Due to Matrix

PQL Practical Quanitative Limit

в Analyte detected in the associated Method Blank

Е Estimated value

J Analyte detected below quantitation limits

Р Sample pH Not In Range

RL Reporting Limit Page 39 of 43

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

## **OC SUMMARY REPORT** H

	WO#:	2207301
Hall Environmental Analysis Laboratory, Inc.		15-Jul-22

Client: ENSOLU Project: CM Morr										
	-									
Sample ID: mb-68649	SampTy	/pe: <b>ME</b>	BLK	Tes	tCode: EF	PA Method	8015D: Gaso	line Range	Ð	
Client ID: PBS	Batch	ID: 686	649	R	lunNo: <b>89</b>	366				
Prep Date: 7/8/2022	Analysis Da	ate: 7/	11/2022	S	SeqNo: 31	79355	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO) Surr: BFB	ND 980	5.0	1000		97.7	37.7	212			
Sample ID: Ics-68649	SampTy	vpe: LC	S	Tes	tCode: EF	PA Method	8015D: Gaso	line Range	9	
Client ID: LCSS	Batch	ID: 686	649	R	lunNo: <b>89</b>	366				
Prep Date: 7/8/2022	Analysis Da	ate: 7/	11/2022	S	6eqNo: 31	79356	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	103	72.3	137			
Surr: BFB	1900		1000		193	37.7	212			
Sample ID: Ics-68658	SampTy	/pe: <b>LC</b>	S	Tes	tCode: EF	PA Method	8015D: Gaso	line Range	9	
Client ID: LCSS	Batch	ID: 686	658	R	lunNo: <b>89</b>	377				
Prep Date: 7/9/2022	Analysis Da	ate: 7/	11/2022	S	SeqNo: 31	79571	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	5.0	25.00	0	88.4	72.3	137			
Surr: BFB	1800		1000		176	37.7	212			
Sample ID: mb-68658	SampTy	vpe: ME	BLK	Tes	tCode: EF	PA Method	8015D: Gaso	line Range	e	
Client ID: PBS	Batch	ID: 686	658	R	unNo: <b>89</b>	377				
Prep Date: 7/9/2022	Analysis Da	ate: <b>7/</b>	11/2022	S	SeqNo: 31	79572	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO) Surr: BFB	ND 810	5.0	1000		81.0	37.7	212			
Sample ID: 2207301-020ams	SampTy	/pe: <b>MS</b>	5	Tes	tCode: EF	A Method	8015D: Gaso	line Range	9	
Client ID: S-20	Batch	ID: 686	658	R	unNo: <b>89</b>	377				
Prep Date: 7/9/2022	Analysis Da	ate: 7/	11/2022	S	SeqNo: 31	79574	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	27	25	24.63	0	112	70	130			
Surr: BFB	5500		4926		111	37.7	212			
Sample ID: 2207301-020amsd	SampTy	/pe: <b>MS</b>	D	Tes	tCode: EF	PA Method	8015D: Gaso	line Range	e	
Client ID: S-20	Batch	ID: 686	658	R	unNo: <b>89</b>	377				
Prep Date: 7/9/2022	Analysis Da	ate: 7/	11/2022	S	SeqNo: 31	79575	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

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

- % Recovery outside of range due to dilution or matrix interference S
- в Analyte detected in the associated Method Blank

Е Estimated value

J Analyte detected below quantitation limits

Р Sample pH Not In Range

RL Reporting Limit Page 40 of 43

<b>L</b>	vilviAKI KEI OKI	WO#:	2207301
Hall Env	vironmental Analysis Laboratory, Inc.		15-Jul-22
Client:	ENSOLUM		

Project: CM Morr	ris 1									
Sample ID: 2207301-020amsc	I Samp1	уре: <b>МS</b>	D	Tes	tCode: EF	PA Method	8015D: Gaso	line Rang	e	
Client ID: S-20	Batcl	n ID: 68	658	R	RunNo: <b>8</b> 9	9377				
Prep Date: 7/9/2022	Analysis E	Date: 7/	11/2022	S	SeqNo: 31	79575	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	27	25	24.88	0	109	70	130	1.73	20	
Surr: BFB	5600		4975		113	37.7	212	0	0	

### **Qualifiers:**

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

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L.		WO#:	2207301
Hall Env	ironmental Analysis Laboratory, Inc.		15-Jul-22
Client:	ENSOLUM		

	ris 1									
Sample ID: mb-68649	Samp	Гуре: МВ	BLK	Tes	tCode: EF	PA Method	8021B: Volat	iles		
Client ID: PBS	Batc	h ID: 686	649	R	unNo: <b>8</b> 9	9366				
Prep Date: 7/8/2022	Analysis [	Date: 7/	11/2022	S	eqNo: 31	179404	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	0.99		1.000		98.8	70	130			
Sample ID: LCS-68649	Samp	Гуре: <b>LC</b>	s	Tes	tCode: EF	PA Method	8021B: Volat	iles		
Client ID: LCSS	Batc	h ID: 686	649	R	unNo: <b>8</b> 9	9366				
Prep Date: 7/8/2022	Analysis [	Date: 7/	11/2022	S	eqNo: 31	79405	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.98	0.025	1.000	0	98.2	80	120			
Toluene	1.0	0.050	1.000	0	103	80	120			
Ethylbenzene	1.0	0.050	1.000	0	103	80	120			
Xylenes, Total	3.1	0.10	3.000	0	103	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		101	70	130			
Sample ID: Ics-68658	Samp <sup>-</sup>	Гуре: <b>LC</b>	S	Tes	tCode: EF	PA Method	8021B: Volat	iles		
· ·										
Client ID: LCSS	Batc	h ID: 686	558	R	unNo: <b>8</b> 9	9377				
Client ID: LCSS Prep Date: 7/9/2022	Batc Analysis [				tunNo: <b>8</b> 9 SeqNo: <b>3</b> 1		Units: <b>mg/K</b>	g		
			11/2022				Units: <b>mg/K</b> HighLimit	<b>g</b> %RPD	RPDLimit	Qual
Prep Date: 7/9/2022	Analysis [	Date: <b>7/</b> *	11/2022	S	eqNo: 31	179619	_	-	RPDLimit	Qual
Prep Date: <b>7/9/2022</b> Analyte	Analysis [ Result	Date: <b>7/</b> PQL	11/2022 SPK value	SPK Ref Val	eqNo: <b>3</b> 1 %REC	I <b>79619</b> LowLimit	HighLimit	-	RPDLimit	Qual
Prep Date: <b>7/9/2022</b> Analyte Benzene	Analysis I Result 0.85	Date: <b>7/</b> PQL 0.025	11/2022 SPK value 1.000	SPK Ref Val	eqNo: <b>3</b> 1 %REC 85.4	179619 LowLimit 80	HighLimit 120	-	RPDLimit	Qual
Prep Date: <b>7/9/2022</b> Analyte Benzene Toluene Ethylbenzene	Analysis I Result 0.85 0.88	Date: 7/ PQL 0.025 0.050	11/2022 SPK value 1.000 1.000	SPK Ref Val 0 0	eqNo: 31 %REC 85.4 88.2	179619 LowLimit 80 80	HighLimit 120 120	-	RPDLimit	Qual
Prep Date: <b>7/9/2022</b> Analyte Benzene Toluene Ethylbenzene	Analysis I Result 0.85 0.88 0.87	Date: <b>7/</b> PQL 0.025 0.050 0.050	11/2022 SPK value 1.000 1.000 1.000	SPK Ref Val 0 0 0	eqNo: 31 %REC 85.4 88.2 87.2	LowLimit 80 80 80 80	HighLimit 120 120 120	-	RPDLimit	Qual
Prep Date: <b>7/9/2022</b> Analyte Benzene Toluene Ethylbenzene Xylenes, Total	Analysis I Result 0.85 0.88 0.87 2.6 0.82	Date: <b>7/</b> PQL 0.025 0.050 0.050	11/2022 SPK value 1.000 1.000 1.000 3.000 1.000	SPK Ref Val 0 0 0 0	6eqNo: 31 %REC 85.4 88.2 87.2 86.7 81.7	179619 LowLimit 80 80 80 80 70	HighLimit 120 120 120 120	%RPD	RPDLimit	Qual
Prep Date: <b>7/9/2022</b> Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorobenzene	Analysis I Result 0.85 0.88 0.87 2.6 0.82 Samp	Date: 7/ PQL 0.025 0.050 0.050 0.10	11/2022 SPK value 1.000 1.000 3.000 1.000 8LK	SPK Ref Val 0 0 0 0 0 Tes	6eqNo: 31 %REC 85.4 88.2 87.2 86.7 81.7	LowLimit 80 80 80 80 80 80 70 70	HighLimit 120 120 120 120 120 130	%RPD	RPDLimit	Qual
Prep Date: <b>7/9/2022</b> Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorobenzene Sample ID: <b>mb-68658</b>	Analysis I Result 0.85 0.88 0.87 2.6 0.82 Samp	Date: 7/ PQL 0.025 0.050 0.050 0.10	11/2022 SPK value 1.000 1.000 3.000 1.000 SLK 558	SPK Ref Val 0 0 0 0 0 Tes F	eqNo: 31 %REC 85.4 88.2 87.2 86.7 81.7	179619 LowLimit 80 80 80 80 80 70 24 Method 9377	HighLimit 120 120 120 120 120 130	%RPD	RPDLimit	Qual
Prep Date: <b>7/9/2022</b> Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorobenzene Sample ID: <b>mb-68658</b> Client ID: <b>PBS</b>	Analysis I Result 0.85 0.88 0.87 2.6 0.82 Samp Batc	Date: 7/ PQL 0.025 0.050 0.050 0.10	11/2022 SPK value 1.000 1.000 3.000 1.000 3.000 3.000 1.000 3.0000 3.00000 3.00000 3.0000000 3.00000 3.000000000 3.0000000000	SPK Ref Val 0 0 0 0 0 Tes F	eqNo: 31 %REC 85.4 88.2 87.2 86.7 81.7 tCode: EF	179619 LowLimit 80 80 80 80 80 70 24 Method 9377	HighLimit 120 120 120 120 130 8021B: Volat	%RPD	RPDLimit	Qual
Prep Date: 7/9/2022 Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorobenzene Sample ID: mb-68658 Client ID: PBS Prep Date: 7/9/2022	Analysis I Result 0.85 0.88 0.87 2.6 0.82 Samp <sup>-</sup> Batc Analysis I	Date: 7/ PQL 0.025 0.050 0.050 0.10 Type: MB h ID: 686 Date: 7/	11/2022 SPK value 1.000 1.000 3.000 1.000 3.000 3.000 1.000 3.0000 3.00000 3.00000 3.0000000 3.00000 3.000000000 3.0000000000	SPK Ref Val 0 0 0 0 0 Tes F S	eqNo: 31 %REC 85.4 88.2 87.2 86.7 81.7 Code: EF Code: EF SeqNo: 31	179619 LowLimit 80 80 80 80 80 70 70 70 70 70 70 70 70 70 7	HighLimit 120 120 120 120 130 8021B: Volat Units: mg/K	%RPD		
Prep Date: <b>7/9/2022</b> Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorobenzene Sample ID: <b>mb-68658</b> Client ID: <b>PBS</b> Prep Date: <b>7/9/2022</b> Analyte	Analysis I Result 0.85 0.88 0.87 2.6 0.82 Samp Batc Analysis I Result	Date: 7/ PQL 0.025 0.050 0.10 Type: ME h ID: 686 Date: 7/ PQL	11/2022 SPK value 1.000 1.000 3.000 1.000 3.000 3.000 1.000 3.0000 3.00000 3.00000 3.0000000 3.00000 3.000000000 3.0000000000	SPK Ref Val 0 0 0 0 0 Tes F S	eqNo: 31 %REC 85.4 88.2 87.2 86.7 81.7 Code: EF Code: EF SeqNo: 31	179619 LowLimit 80 80 80 80 80 70 70 70 70 70 70 70 70 70 7	HighLimit 120 120 120 120 130 8021B: Volat Units: mg/K	%RPD		
Prep Date: 7/9/2022 Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorobenzene Sample ID: mb-68658 Client ID: PBS Prep Date: 7/9/2022 Analyte Benzene	Analysis I Result 0.85 0.88 0.87 2.6 0.82 Samp Batc Analysis I Result ND	Date: 7/ PQL 0.025 0.050 0.050 0.10 Type: ME h ID: 686 Date: 7/ PQL 0.025	11/2022 SPK value 1.000 1.000 3.000 1.000 3.000 3.000 1.000 3.0000 3.00000 3.00000 3.0000000 3.00000 3.000000000 3.0000000000	SPK Ref Val 0 0 0 0 0 Tes F S	eqNo: 31 %REC 85.4 88.2 87.2 86.7 81.7 Code: EF Code: EF SeqNo: 31	179619 LowLimit 80 80 80 80 80 70 70 70 70 70 70 70 70 70 7	HighLimit 120 120 120 120 130 8021B: Volat Units: mg/K	%RPD		
Prep Date: 7/9/2022 Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surr: 4-Bromofluorobenzene Sample ID: mb-68658 Client ID: PBS Prep Date: 7/9/2022 Analyte Benzene Toluene	Analysis I Result 0.85 0.88 0.87 2.6 0.82 Samp Batc Analysis I Result ND ND	Date: 7/ PQL 0.025 0.050 0.10 Type: ME h ID: 686 Date: 7/ PQL 0.025 0.050	11/2022 SPK value 1.000 1.000 3.000 1.000 3.000 3.000 1.000 3.0000 3.00000 3.00000 3.0000000 3.00000 3.000000000 3.0000000000	SPK Ref Val 0 0 0 0 0 Tes F S	eqNo: 31 %REC 85.4 88.2 87.2 86.7 81.7 Code: EF Code: EF SeqNo: 31	179619 LowLimit 80 80 80 80 80 70 70 70 70 70 70 70 70 70 7	HighLimit 120 120 120 120 130 8021B: Volat Units: mg/K	%RPD		

### **Qualifiers:**

Н

ND

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

Not Detected at the Reporting Limit

В Analyte detected in the associated Method Blank

Е Estimated value

- J Analyte detected below quantitation limits
  - Р Sample pH Not In Range

RL Reporting Limit

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PQL Practical Quanitative Limit S % Recovery outside of range due to dilution or matrix interference

Holding times for preparation or analysis exceeded

# QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc

	WO#:	2207301
mental Analysis Laboratory, Inc.		15-Jul-22

Client:ENSOLUMProject:CM Morris 1

Sample ID: 2207301-021ams	Samp	Гуре: <b>МS</b>	5	Tes	tCode: EF	PA Method	8021B: Volat	iles		
Client ID: S-21	Batc	h ID: 68	658	F	unNo: <b>8</b> 9	9377				
Prep Date: 7/9/2022	Analysis E	Date: 7/	11/2022	S	SeqNo: 31	79623	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.92	0.12	0.9852	0	93.2	68.8	120			
Toluene	0.96	0.25	0.9852	0	97.5	73.6	124			
Ethylbenzene	1.0	0.25	0.9852	0	102	72.7	129			
Xylenes, Total	3.0	0.49	2.956	0	101	75.7	126			
Surr: 4-Bromofluorobenzene	4.3		4.926		86.7	70	130			
Sample ID: 2207301-021amsd	I Samp]	Гуре: МS	D	Tes	tCode: EF	PA Method	8021B: Volat	iles		
Client ID: S-21	Batc	h ID: 68	658	F	unNo: <b>8</b> 9	9377				
Prep Date: 7/9/2022	Analysis [	Date: 7/	11/2022	S	SeqNo: 31	79624	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.91	0.12	0.9950	0	91.4	68.8	120	0.954	20	
Toluene	0.97	0.25	0.9950	0	97.0	73.6	124	0.507	20	
Ethylbenzene	1.0	0.25	0.9950	0	101	72.7	129	0.125	20	
Kylenes, Total	3.0	0.50	2.985	0	99.1	75.7	126	1.21	20	

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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ived	by OCPAL	/ <i>11/2022</i> 7			Hall Environ						Page 101 o
		YSIS RATORY		1	TEL: 505-34 Website: w	Albuque	: 505-34	187109 5-4107	Sa	mple Log-In Ch	eck List
	Client Name:	ENSOLU	М	Wo	ork Order Nu	umber: 22	07301			RcptNo: 1	
F	Received By:	Juan Ro	jas	7/8/2	022 6:50:00	) AM		Guar	ren g	2	
C	Completed By:	Sean Liv	/ingston	7/8/2	022 8:06:06	5 AM		<		not	
F	Reviewed By:	KPC	~ 7	8.22	5			ر.	~_{	njoh	
C	hain of Cu	stody									
1.	Is Chain of C	ustody com	plete?			Yes		No		Not Present	
2.	How was the	sample deli	ivered?			<u>Co</u>	irier				
1000	<b>.og In</b> Was an atter	ont mode to							_	_	
0.	vas an aller	npt made to	cool the sam	ples?		Yes		No		NA 🗌	
4.	Were all sam	ples receive	d at a temper	ature of >0° (	C to 6.0°C	Yes	$\checkmark$	No			
5.	Sample(s) in	proper conta	ainer(s)?			Yes	$\checkmark$	No			
6.	Sufficient sam	iple volume	for indicated	test(s)?		Yes	$\checkmark$	No			
7.	Are samples (	except VOA	and ONG) pr	operly preser	ved?	Yes		No			
8.	Was preserva	tive added to	o bottles?			Yes		No		NA 🗌	
9.	Received at le	ast 1 vial wi	th headspace	<1/4" for AQ	VOA?	Yes		No		NA 🔽	
10.	Were any san	nple contain	ers received l	oroken?		Yes		No	~		
	Does paperwo					Yes		No		# of preserved bottles checked for pH:	
	(Note discrepa Are matrices c				-				_		unless noted)
	Is it clear what			10.50	?			No		Adjusted?	
	Were all holdir			17		Yes		No		Observation 1.4	alcha
(	(If no, notify cu	istomer for a	authorization.)			Yes	V	No		Checked by: JA	+18/12
Spe	cial Handli	ng (if app	olicable)								
15.	Was client not	ified of all d	iscrepancies	with this order	r?	Yes		No		NA 🔽	
	Person	Notified:			Date	e:		in the contract data supplier and	Contractions -		
	By Who	m:			- Via:	,	uil 🗆 F	Phone	Fax	In Person	
	Regardii Client In	ng: structions:							T ux		
16.	Additional ren	narks:									
	Cooler Inform										
	Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Da	to	Cigned D			
	1	0.2	Good			Jear Da		Signed B	y		
	2	0.3	Good		-						

Page 1 of 1

Chain-of-Cu Bain-of-Cu	Chain-of-Custody Record	Turn-Around Time:	Time:	DAY									– Receive
of Client: Ensolum, LLC	71	Standard	□ Rush	-			HALL				ENVIRONMENT		- L
		Project Name:				· ۲			2		ADOKAIOK	Ď	
ing Address: کارک کرد	Rio Grande, Suited	CM MOLIS	-# SZ-		490	4901 Hawkins NF -	WW.NS	•	onmen	www.nallenvironmental.com	environmental.com Alburguergue NM 87100		D: 10
		Project #: 5	ee nutro		Tel	505-345-3975	5-3975		hianh	EIGUE, INIVI 07	0/ 103		/11/2
리								Anal	is Rec	Request	101		2022
	email or Fax#: KSUMMER PEASOLUM.COM	Project Manager:	iger: Ksummers	mers	-		_	₽¢		(JI			7:5
				<b>N</b>	MК	S.g	SV	)S Ԡ		uəsc			6:45
□ Standard	Level 4 (Full Validation)				/0	24	VISC	Юd		JA\Ji			AM
Accreditation:	Az Compliance	L: K	Deechille	5	, סצ		0228	' <sup>7</sup> 0		uəse			1
			D-Yes	쉽 No	/ 08		_	Ν '	(A	Pre			
EDD (Type)		# of Coolers:	2		49)	_	_	_	_	-	46		
		Cooler Temp(including CF):	(including CF): 0.	0	19D						PU 0		
Date Time Matrix	Sample Name	Container Type and #	Preservative Type	U-U-0-120-3 HEAL No. 220-2301	1 X 3 TEX /	9081 Pe	AHs by	а, F, в	92) 072	oC leto	140		
71722 1030 S	S-1		Cool	001	~		-		_	L L			
7/7/23 1035 S	S-2	XYOZJEr	Ca01	200	×			,					
7+722 1040 S	5-3	1×402 Jer	2001	003	××					$\times$			
7/7/22 1045 S	5-4	× Yoz Jer	cool	004	×					$\times$			
1050	5-5	1 × Yoz Jor	c001	005	XX								
71722 SSOI REFE	S-le	1×402Jar	COOL	006	ХX					$\times$			
7/7/22 100 S	5-7	1×402Jar	COOL	200	XX					X			
717402 1105 S	S-8	1×402Jar	COUL	008	XX								
1110	Sug	1×462Jar	COOL	009	×					$\times$			
717/22 1115 S	S-10	1x TozJer	0001	010	×					$\times$			
7/7/22-1120 S	5-11	1× 402 Jar	c001	011	ХX					$\times$		F	$\vdash$
20 1125	5-12	1×402500	C001	012	XX			$\vdash$		$\times$		<u> </u>	$\vdash$
THAD THO Relinquished by		Received by:	Via:	Date	Remarks:	4		A A	L.Tam	w Lo	Lang (EP	(EPPAD)	Pa
Date: Time: Relinquished by:		Received by:	Via:	1011 6.10 Date Time	Turnare	しつの		Ner At	Hey-	N N NS	N59999	~	ge 102
												_	2 of .
If necessary, samples subm	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.	ntracted to other acc	credited laboratories	. This serves as notice of this	oossibility. Any	sub-contra	cted data	vill be cle	arly notate	ed on the	analytical re	sport.	27

Chain-of-Custody Record	stody Record	Turn-Around Time:	U) U	-DAY										Receive
Client: Ensolution LL	C	□ Standard	d 🗆 Rush					HALL ENVI	EN	VIR -	NO	ENVIRONMENTAL		
		Project Name:					C I			0 1		LABORAIOR	Ö	200
Mailing Address: 600 S. P. O lande Suite A	Bio laande Suite A	CM Morris	1# Sinnol		4	4901 Hawkins NF	w	www.nallenvironmental.com	environmental.com	Imenta	al.com	00170		D: 10
1		Project #: See	le notes			Tel 505	505-345-3075		hhnaiv	enhiar	ENE 24E 4107	201.103		/11/2
								Ar	Analvsis	Reduest	lest	10		2022
content or Fax#: メムルmm 25 C	Seconstruction Can Project Manager:	Project Mana	iger: Koummer	The C	-	1	_		<b>⊅</b> (		() ()			7:5
				1			SI		DS '		uəs			6:4
□ Standard	Level 4 (Full Validation)				_		NIS		₽04		dA\t			5 <u>A</u> M
Accreditation:	oliance	Sampler: R	RDeechilly	1. S. 1.		280			<sup>ری</sup>		uəs		10	1
		On Ice:	'es	O No		)8/s		1	N					
EDD (Type)		# of Coolers:	2			səbi		slet		ΌΛ				
		Cooler Temp(including CF):	Ó	3-0-1=0.2 (°C)		isite		ЭM		-ime	-	24.14		
Date Time Matrix Sa	Sample Name	Container	Preservative	CUL-CULDO-3 HEAL NO.	\ X∃T 108:H9	99 1 80	om) 80 vd sHA	8 AAC	560 (VC	∍S) 072	NNS CNIC			
	8-12		1010		· ·	8		Я		8				
22	0-2	ちつらく	1001	0(7	< X						×			
1135	5-14	1×402 Jer	COUL	014	×						$\times$			
717/20 1140 S	5-15	1+402 Jur	1000	012	X X						×			
777123 1145 S	S-16	1×402Jer	CON	010	XX						$\times$			
1150	5-17	1× Yoz Jur	Cab	017	$\times$						$\times$			
7/7/28 1155 S	S-18	1×462 Jar	COD	013	$\times$						$\mathbf{X}$			
7/7/22 1200 S	S-19	1×402 Jar	CNO	0.9	X						$(\prec$			
7+7/205 Sor S	5-20	1×402 Jor	001	010	×						X			
717/22 1210 S	S-21	1×402 Jor	(00)	02/122	$\times$						$\times$			
77722 1215 S	S-23	1×402Jor	COD	22022	$\times$						$\sim$			
7+7/22 1220 S	S-23	1×402 Joh	001	us set	$\frac{1}{\times}$						$\langle \rangle$		$\downarrow$	+
71-7/20-19.25	S-24	LX462Jer	C001	220120	X				$\square$		$\langle \times$	$\vdash$	$\downarrow$	+
7/17/201 12/10 M	ANC.	Received by:	Via:	Date Time	Remarks:	- S:		Nd (	mot -	2	Sono	(oad2)	6	Pa
	()ma	Received bur	raurer Visi	SZ	13-LUNA	-ne		Pay key	key.	-23	RIBAIZUO	00		ıge
			Via.	Late lime	int			NONAFE	AFF	Z	N 599999	66		103 of
If necessary, samples submitted	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 revort	Itracted to other act	sredited laboratories	This serves as notice of this	possibility.	Anv sub-c	contracted	1 data will	he clearly	v notated	on the a	ial lecitrica	tree	<sup>5</sup> 123
										,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	2010	laiyucai ici	buit.	7

Relea	hain	-ju-	Chain-of-Custody Record	Turn-Around Time:	1111 0										Recei
Clien		5			5-10-0				I	HALL	EN	/IR	NO	<b>ENVIRONMENTAL</b>	
o Iı	1100	I-LUSOLUM FI	1.(	□ Standard □ Rush					A	<b>IAL</b>	<b>VSI</b>	S	ABO	ANALYSIS LABORATORY	<u>.</u>
mag				,					~	w.hall	www.hallenvironmental.com	menta	.com		
Mailing	Addres	i loolos	Mailing Address: 606 S. Ri O brande Suite A	CM INDUNIS #			А	4901 Hawkins NE	awkins	י NE	Albugu	lerque	Albuqueraue. NM 87109	7109	: 10/
AZA 1	Aztecinim	OIHES V	01	Project #: See notes				Tel. 50	505-345-3975	3975	Fax	505-3	Fax 505-345-4107	7	/11/2
:# əuoıld //2	#: -				~					Ar	Analysis Request	Requ	est		2022
email o	r Fax#: )	Summ	email or Fax#: KSummarse ensulum, com	Project Manager: LCUN	KSIAMMER		_	10			*0		(J1		7:5
20/AD	QA/QC Package:								SI		S '†		Jəso		6:4:
C Standard	dard		Level 4 (Full Validation)						VISC		ю		aAVr		5 AN
M Accreditation:	tation:	D Az Col	Az Compliance	Sampler: R.V. # 1 Chill	5						<sup>'7</sup> 0		uəs		1
	AC	□ Other		É	No No					1	N		Pre		
	EDD (Type)			olers: 2				2.12923.02		slet		ο٨.			
				Cooler Temp(including CF):	0.3-01-56	2 (°C)		10 July 20		эM		-ime			
				Container Preservative	HEAL No.	M.	- / X3	108:H	M) 8 (d sH	8 AA:	50 (Vo	9S) 02	OJY.		
Date	Time	Matrix	Sample Name	#					2010 B226	ЗЯ		728			
H Flac	1230	S	5-25	1× Yez Jer COOI	520	026	$\times$						X		
CELE	1335	S	5-26	1×402Der CCDI	020 0	120	$\times$						×		
CRIF IF	0421	S	5-27	1×462Jer roul		021	X X						×		
7/7/22	Sha	S	S-28	1×402Jer COOI	120	219	××						×		
7/1/20	1250	S	5-29	1x42700 COOI		010	×						×		
COLLE	- 1255	S	S-30	1×42250 COO	230 3	071	××						X		
CGF/F	1300	S	5-31	1×402 Jar COOI	5 100	582	$\times$						X		
77/20	1305	$\sim$	5-32	1×402 Der Caul	0 250	037	XX						X		
717/23	1310	3	S-33	1×102 En CODI	0 650	274	X						$\times$		
7/7/80-1315	-1315	S	5-34	1 × Yor Jor COOL		ors	$\frac{1}{\lambda}$						×		
58 FH	1220	S	5-35	)	205 &	ひれん	XX						X		
33	1325	5	5-36	tozzar (			イイ						X		
Date:	Time:	Relinquished by	ad by:	0	-	7. 1 15 T	Remarks:	:SS:	2	AA	PM-TOM	61	$\sim$	(EP2er)	Pag
Date:	Time:	Relinquished by:	point of the second sec	Received by: Via:	Date 1	e e	anunt	200		UN	NUNAFE	. ,	999999	6	<del>e 104 o</del>
].	necessary,	samples subr.	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.	L contracted to other accredited laboratori	es. This serves as	notice of this	possibility	Any sub	-contracte	ed data wi	I be clear	y notated	on the ar	alytical report.	F427



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

August 01, 2022

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

OrderNo.: 2207723

Dear Kyle Summers:

RE: CM Morris 1

Hall Environmental Analysis Laboratory received 3 sample(s) on 7/15/2022 for the analyses presented in the following report.

This report is a revised report and it replaces the original report issued July 19, 2022.

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. 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. All samples are reported as received unless otherwise indicated.

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 2207723

Date Reported: 8/1/2022

CLIENT	ENSOLUM	Client Sample ID: S-35a
<b>Project:</b>	CM Morris 1	Collection Date: 7/14/2022 3:00:00 PM
Lab ID:	2207723-001	Matrix: MEOH (SOIL) Received Date: 7/15/2022 6:05:00 AM

Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: NAI
Chloride	ND	60	mg/Kg	20	7/15/2022 11:34:47 AM	68808
EPA METHOD 8015M/D: DIESEL RANGE OR	RGANICS				Analyst	: ED
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	7/15/2022 12:49:52 PM	68799
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	7/15/2022 12:49:52 PM	68799
Surr: DNOP	82.9	51.1-141	%Rec	1	7/15/2022 12:49:52 PM	68799
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	21	17	mg/Kg	5	7/15/2022 9:00:04 AM	68789
Surr: BFB	127	37.7-212	%Rec	5	7/15/2022 9:00:04 AM	68789
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.086	mg/Kg	5	7/15/2022 9:00:04 AM	68789
Toluene	0.19	0.17	mg/Kg	5	7/15/2022 9:00:04 AM	68789
Ethylbenzene	ND	0.17	mg/Kg	5	7/15/2022 9:00:04 AM	68789
Xylenes, Total	0.91	0.34	mg/Kg	5	7/15/2022 9:00:04 AM	68789
Surr: 4-Bromofluorobenzene	104	70-130	%Rec	5	7/15/2022 9:00:04 AM	68789

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

**Qualifiers:** 

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

Page 1 of 7

## Hall Environmental Analysis Laboratory, Inc.

Lab Order 2207723

Date Reported: 8/1/2022

CLIENT	ENSOLUM	Client Sample ID: S-36a
<b>Project:</b>	CM Morris 1	Collection Date: 7/14/2022 3:05:00 PM
Lab ID:	2207723-002	Matrix: MEOH (SOIL) Received Date: 7/15/2022 6:05:00 AM

Analyses	Result	RL (	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analyst	: NAI	
Chloride	ND	60	mg/Kg	20	7/15/2022 11:47:12 AM	68808
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	ED
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	7/15/2022 1:03:50 PM	68799
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	7/15/2022 1:03:50 PM	68799
Surr: DNOP	82.8	51.1-141	%Rec	1	7/15/2022 1:03:50 PM	68799
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	17	mg/Kg	5	7/15/2022 9:23:37 AM	68789
Surr: BFB	104	37.7-212	%Rec	5	7/15/2022 9:23:37 AM	68789
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.085	mg/Kg	5	7/15/2022 9:23:37 AM	68789
Toluene	ND	0.17	mg/Kg	5	7/15/2022 9:23:37 AM	68789
Ethylbenzene	ND	0.17	mg/Kg	5	7/15/2022 9:23:37 AM	68789
Xylenes, Total	ND	0.34	mg/Kg	5	7/15/2022 9:23:37 AM	68789
Surr: 4-Bromofluorobenzene	102	70-130	%Rec	5	7/15/2022 9:23:37 AM	68789

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

\* **Qualifiers:** 

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

Page 2 of 7

## Hall Environmental Analysis Laboratory, Inc.

Lab Order 2207723

Date Reported: 8/1/2022

CLIENT: ENSOLUM		Client Sample ID: S-37
Project:	CM Morris 1	Collection Date: 7/14/2022 3:10:00 PM
Lab ID:	2207723-003	Matrix: MEOH (SOIL) Received Date: 7/15/2022 6:05:00 AM

Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS				Analyst	: NAI	
Chloride	ND	60	mg/Kg	20	7/15/2022 11:59:37 AM	68808
EPA METHOD 8015M/D: DIESEL RANGE OR				Analyst	: ED	
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	7/15/2022 1:17:32 PM	68799
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	7/15/2022 1:17:32 PM	68799
Surr: DNOP	81.2	51.1-141	%Rec	1	7/15/2022 1:17:32 PM	68799
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	3.9	mg/Kg	1	7/15/2022 9:47:09 AM	68789
Surr: BFB	111	37.7-212	%Rec	1	7/15/2022 9:47:09 AM	68789
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.020	mg/Kg	1	7/15/2022 9:47:09 AM	68789
Toluene	ND	0.039	mg/Kg	1	7/15/2022 9:47:09 AM	68789
Ethylbenzene	ND	0.039	mg/Kg	1	7/15/2022 9:47:09 AM	68789
Xylenes, Total	0.15	0.078	mg/Kg	1	7/15/2022 9:47:09 AM	68789
Surr: 4-Bromofluorobenzene	103	70-130	%Rec	1	7/15/2022 9:47:09 AM	68789

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 3 of 7

Client:	ENS	OLUM									
Project:	CM	Morris 1									
Sample ID:	MB-68808	SampT	ype: mb	lk	Tes	tCode: EP	A Method	300.0: Anions	;		
Client ID:	PBS	Batcl	n ID: 688	808	F	RunNo: <b>89</b>	522				
Prep Date:	7/15/2022	Analysis E	Date: <b>7/</b> *	15/2022	S	SeqNo: 31	88544	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-68808	SampT	ype: Ics		Tes	tCode: EP	A Method	300.0: Anions	;		
Client ID:	LCSS	Batcl	n ID: 688	808	F	RunNo: <b>89</b>	522				
Prep Date:	7/15/2022	Analysis E	Date: 7/*	15/2022	SeqNo: 3188545 Units: mg/Kg						
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14	1.5	15.00	0	92.5	90	110			

- \* 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 7

2207723

01-Aug-22

WO#:

	WO#:	2207723	
ental Analysis Laboratory, Inc.		01-Aug-22	

Client:	ENSOLUI	M									
Project:	CM Morri	s 1									
Sample ID:	MB-68799	SampT	ype: ME	BLK	Tes	tCode: EF	A Method	8015M/D: Die	sel Range	Organics	
Client ID: F	PBS	Batch	n ID: 687	799	F	RunNo: <b>89</b>	525				
Prep Date:	7/15/2022	Analysis D	Date: 7/	15/2022	S	SeqNo: 31	86308	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Or	ganics (DRO)	ND	15								
Votor Oil Range	Organics (MRO)	ND	50								
Surr: DNOP		7.8		10.00		77.7	51.1	141			
Sample ID: L	_CS-68799	SampT	ype: LC	S	Tes	tCode: EF	A Method	8015M/D: Die	sel Range	Organics	
Client ID:	CSS	Batch	n ID: 687	799	F	RunNo: <b>89</b>	525				
Prep Date:	7/15/2022	Analysis D	Date: 7/	15/2022	S	SeqNo: 31	86309	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Or	ganics (DRO)	46	15	50.00	0	92.2	64.4	127			
Surr: DNOP		4.0		5.000		79.0	51.1	141			
Sample ID: 2	2207723-001AMS	SampT	ype: MS	6	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	Organics	
Client ID:	S-35a	Batch	n ID: 687	799	F	RunNo: <b>89</b>	525				
Prep Date:	7/15/2022	Analysis D	Date: 7/	15/2022	S	SeqNo: 31	86313	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Or	ganics (DRO)	52	14	48.12	11.79	84.5	36.1	154			
Surr: DNOP		4.0		4.812		82.7	51.1	141			
Sample ID: 2	2207723-001AMSD	SampT	ype: MS	SD	Tes	tCode: EF	PA Method	8015M/D: Die	sel Range	Organics	
Client ID:	S-35a	Batch	n ID: 687	799	F	RunNo: <b>89</b>	525				
Prep Date:	7/15/2022	Analysis D	Date: 7/	15/2022	S	SeqNo: 31	86314	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Or	ganics (DRO)	43	13	43.40	11.79	71.7	36.1	154	20.0	33.9	
Surr: DNOP		3.2		4.340		74.3	51.1	141	0	0	

- \* 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

Client: ENSO Project: CM M	-									
Sample ID: mb-68789	SampT	уре: МЕ	BLK	Tes	tCode: EF	PA Method	8015D: Gasol	ine Range		
Client ID: PBS	Batcl	n ID: 687	789	RunNo: <b>89514</b>						
Prep Date: 7/14/2022	Analysis E	Date: 7/*	15/2022	S	SeqNo: 31	187143	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	960		1000		95.8	37.7	212			
Sample ID: Ics-68789	SampT	ype: LC	S	Tes	tCode: EF	PA Method	8015D: Gasol	ine Range		
Client ID: LCSS	Batcl	n ID: 687	789	F	RunNo: <b>8</b> 9	9514				
Prep Date: 7/14/2022	Analysis E	Date: 7/*	15/2022	S	SeqNo: 31	187144	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	94.3	72.3	137			
Surr: BFB	2000		1000		197	37.7	212			

**Qualifiers:** 

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

Page 6 of 7

WO#: 2207723 01-Aug-22

	WO#:	2207723
aboratory, Inc.		01-Aug-22

	SOLUM Morris 1									
Sample ID: mb-68789	Samp	Туре: МЕ	BLK	Tes	tCode: EF	PA Method	8021B: Volati	iles		
Client ID: PBS	Bate	ch ID: 687	789	F	RunNo: <b>8</b> 9	9514				
Prep Date: 7/14/2022	Analysis	Date: 7/	15/2022	5	SeqNo: 3	187219	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		101	70	130			
Sample ID: LCS-68789	Samp	Type: LC	S	Tes	tCode: EF	PA Method	8021B: Volati	iles		
Client ID: LCSS	Bate	ch ID: 687	789	F	RunNo: <b>8</b> 9	9514				
Prep Date: 7/14/2022	Analysis	Date: 7/	15/2022	S	SeqNo: 3	187220	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.025	1.000	0	101	80	120			
<b>T</b> 1	1.0	0.050	1.000	0	104	80	120			
loluene	1.0	0.000	1.000	-						
	1.0	0.050	1.000	0	105	80	120			
Toluene Ethylbenzene Xylenes, Total	-			-	-	80 80	120 120			

- \* 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 7 of 7

Page	113	of	127

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ANALY	ONMENT			ull Environme EL: 505-345-, Website: ww	490 Albuquero 3975 FAX:	01 Hav nue, N 505-3	vkins NE M 87109 45-4107	Sa	mple Log-In (	Page . Check List
Client Name:	ENSOLUM		Worl	Order Num	nber: 220	7723			RcptNc	x: 1
Received By:	Juan Roja	s	7/15/20	022 6:05:00	АМ		Hin	nën fj		
Completed By:	Cheyenne	Cason	7/15/20	22 7:07:47	AM		Ches	L		
Reviewed By:	IO		07/15/	22						
Chain of Cust	ody									
1. Is Chain of Cu	stody compl	ete?			Yes	~	N	o 🗌	Not Present	
2. How was the s	ample delive	ered?			Cou	rier				
Log In 3. Was an attem	ot made to c	ool the sampl	es?		Yes	✓	N	o 🗌	NA 🗌	
4. Were all samp	les received	at a temperat	ure of >0° C	to 6.0°C	Yes	$\checkmark$	No	o 🗌	NA 🗌	
5. Sample(s) in p	roper contair	ner(s)?			Yes	✓	No	<b>b</b>		
6. Sufficient samp	ole volume fo	or indicated te	st(s)?		Yes	✓	No			
7. Are samples (e	xcept VOA a	and ONG) pro	perly preserv	ed?	Yes	$\checkmark$	No			
8. Was preservati	ve added to	bottles?			Yes		No	$\checkmark$	NA 🗌	
9. Received at lea	ist 1 vial with	headspace <	<1/4" for AQ \	/OA?	Yes		No		NA 🔽	
10. Were any sam	ple container	rs received br	oken?		Yes		No		# of preserved	
11.Does paperwor	k match bott	le labels?			Yes		No		bottles checked for pH:	
(Note discrepar					163		NO			>12 unless noted)
2. Are matrices co			19404 - CHICAGO STOCICIO (* 1974		Yes	<b>v</b>	No		Adjusted?	
3. Is it clear what			<b>,</b>		Yes	V	No			alit's
14. Were all holding (If no, notify cus					Yes	$\checkmark$	No		Checked by:	JU21121
Special Handlii	ng (if appl	licable)								
15. Was client noti	fied of all dis	crepancies w	ith this order?	)	Yes		No		NA 🗹	
Person N	lotified:			Date	: [			entra secolo de la		
By Whon	n: 🗍			Via:	eMa	il 🕅	Phone	Fax	In Person	
Regardin	g: 🔽					-				
Client Ins	tructions:					Frentischen I.				
16. Additional rem	arks:									
17. <u>Cooler Inform</u>	ation									
Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Da	te	Signed	By		
1	1.5	Good	Yes							

Page 1 of 1

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Ш	iΣ	-	www.naiienvironmentai.com ns NE - Albuguergue, NM {		Analysis	<sup>†</sup> O	<del>3 '</del> *€	P.	102	V~	<sup>2</sup> 0 <sup>3</sup>	1.1		$\geq$	52	5	<										D		will be
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email or Fax#:	Person 101	ALL PRODUCES PLANT CONT	Project Manager:	iger:		(	-			-	₽€	2	<b>3</b> (1			
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July 29, 2022

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

OrderNo.: 2207919

Hall Environmental Analysis Laboratory

TEL: 505-345-3975 FAX: 505-345-4107

Website: www.hallenvironmental.com

4901 Hawkins NE

Albuquerque, NM 87109

RE: CM Morris 1

Dear Kyle Summers:

Hall Environmental Analysis Laboratory received 4 sample(s) on 7/20/2022 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

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

**Analytical Report** 

# Hall Environmental Analysis Laboratory, Inc.

Lab Order 2207919

Date Reported: 7/29/2022

CLIENT:	ENSOLUM	Client Sample ID: S-38
Project:	CM Morris 1	Collection Date: 7/19/2022 9:30:00 AM
Lab ID:	2207919-001	<b>Matrix:</b> MEOH (SOIL) <b>Received Date:</b> 7/20/2022 6:50:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JTT
Chloride	ND	59	mg/Kg	20	7/20/2022 11:22:26 AN	68909
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	: ED
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	7/20/2022 12:21:15 PN	68906
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	7/20/2022 12:21:15 PM	68906
Surr: DNOP	66.0	51.1-141	%Rec	1	7/20/2022 12:21:15 PM	68906
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	3.2	mg/Kg	1	7/20/2022 11:16:26 AN	G89634
Surr: BFB	98.9	37.7-212	%Rec	1	7/20/2022 11:16:26 AN	G89634
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.016	mg/Kg	1	7/20/2022 11:16:26 AN	B89634
Toluene	ND	0.032	mg/Kg	1	7/20/2022 11:16:26 AN	B89634
Ethylbenzene	ND	0.032	mg/Kg	1	7/20/2022 11:16:26 AN	B89634
Xylenes, Total	ND	0.064	mg/Kg	1	7/20/2022 11:16:26 AN	B89634
Surr: 4-Bromofluorobenzene	99.5	70-130	%Rec	1	7/20/2022 11:16:26 AN	B89634

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

**Qualifiers:** 

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

Page 1 of 8

Analytical Report

# Hall Environmental Analysis Laboratory, Inc.

Lab Order **2207919** Date Reported: **7/29/2022** 

CLIENT	ENSOLUM	Client Sample ID: S-39
<b>Project:</b>	CM Morris 1	Collection Date: 7/19/2022 9:40:00 AM
Lab ID:	2207919-002	Matrix: MEOH (SOIL) Received Date: 7/20/2022 6:50:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JTT
Chloride	ND	61	mg/Kg	20	7/20/2022 11:34:50 AM	1 68909
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analys	t: ED
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	7/20/2022 12:34:37 PM	1 68906
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	7/20/2022 12:34:37 PN	1 68906
Surr: DNOP	70.5	51.1-141	%Rec	1	7/20/2022 12:34:37 PM	1 68906
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: NSB
Gasoline Range Organics (GRO)	ND	3.3	mg/Kg	1	7/20/2022 11:40:03 AN	1 G89634
Surr: BFB	99.4	37.7-212	%Rec	1	7/20/2022 11:40:03 AM	1 G89634
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Benzene	ND	0.016	mg/Kg	1	7/20/2022 11:40:03 AN	1 B89634
Toluene	ND	0.033	mg/Kg	1	7/20/2022 11:40:03 AN	1 B89634
Ethylbenzene	ND	0.033	mg/Kg	1	7/20/2022 11:40:03 AN	1 B89634
Xylenes, Total	ND	0.065	mg/Kg	1	7/20/2022 11:40:03 AN	1 B89634
Surr: 4-Bromofluorobenzene	99.1	70-130	%Rec	1	7/20/2022 11:40:03 AN	1 B89634

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 8

Analytical Report Lab Order 2207919

# Hall Environmental Analysis Laboratory, Inc.

boratory, Inc. Date Reported: 7/29/2022 Client Sample ID: S-40

CLIENT: ENSOLUMClient Sample ID: S-40Project:CM Morris 1Lab ID:2207919-003Matrix: MEOH (SOIL)Received Date: 7/20/2022 6:50:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JTT
Chloride	ND	60	mg/Kg	20	7/20/2022 12:12:03 PM	68909
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	ED
Diesel Range Organics (DRO)	ND	15	mg/Kg	1	7/20/2022 12:48:14 PN	68906
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	7/20/2022 12:48:14 PN	68906
Surr: DNOP	69.1	51.1-141	%Rec	1	7/20/2022 12:48:14 PN	68906
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	3.2	mg/Kg	1	7/20/2022 12:03:45 PN	G89634
Surr: BFB	98.6	37.7-212	%Rec	1	7/20/2022 12:03:45 PM	G89634
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.016	mg/Kg	1	7/20/2022 12:03:45 PN	B89634
Toluene	ND	0.032	mg/Kg	1	7/20/2022 12:03:45 PN	B89634
Ethylbenzene	ND	0.032	mg/Kg	1	7/20/2022 12:03:45 PM	B89634
Xylenes, Total	ND	0.065	mg/Kg	1	7/20/2022 12:03:45 PM	B89634
Surr: 4-Bromofluorobenzene	99.4	70-130	%Rec	1	7/20/2022 12:03:45 PN	B89634

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 3 of 8

Analytical Report

# Hall Environmental Analysis Laboratory, Inc.

Lab Order 2207919

Date Reported: 7/29/2022

CLIENT:	ENSOLUM	Client Sample ID: S-41
<b>Project:</b>	CM Morris 1	Collection Date: 7/19/2022 10:00:00 AM
Lab ID:	2207919-004	<b>Matrix:</b> MEOH (SOIL) <b>Received Date:</b> 7/20/2022 6:50:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JTT
Chloride	ND	60	mg/Kg	20	7/20/2022 12:24:28 PM	68909
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	ED
Diesel Range Organics (DRO)	ND	14	mg/Kg	1	7/20/2022 2:09:48 PM	68906
Motor Oil Range Organics (MRO)	ND	45	mg/Kg	1	7/20/2022 2:09:48 PM	68906
Surr: DNOP	67.6	51.1-141	%Rec	1	7/20/2022 2:09:48 PM	68906
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	3.7	mg/Kg	1	7/20/2022 12:27:30 PM	G89634
Surr: BFB	102	37.7-212	%Rec	1	7/20/2022 12:27:30 PM	G89634
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.018	mg/Kg	1	7/20/2022 12:27:30 PM	B89634
Toluene	ND	0.037	mg/Kg	1	7/20/2022 12:27:30 PM	B89634
Ethylbenzene	ND	0.037	mg/Kg	1	7/20/2022 12:27:30 PM	B89634
Xylenes, Total	ND	0.073	mg/Kg	1	7/20/2022 12:27:30 PM	B89634
Surr: 4-Bromofluorobenzene	99.8	70-130	%Rec	1	7/20/2022 12:27:30 PM	B89634

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 4 of 8

Hall Envi	WO#:	2207919 29-Jul-22			
Client:	ENSO	LUM			
Project:	CM M	Iorris 1			
Sample ID: MI	3-68909	SampType: mblk	TestCode: EPA Method 300.0: Anions		
Client ID: PE	BS	Batch ID: 68909	RunNo: <b>89636</b>		
Prep Date: 7	/20/2022	Analysis Date: 7/20/2022	SeqNo: 3192269 Units: mg/Kg		

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								
Sample ID: LCS-68909	SampT	ype: Ics	5	Tes	tCode: El	PA Method	300.0: Anion	s		
Client ID: LCSS	Batch	h ID: 68	909	F	RunNo: <b>8</b> 9	9636				
Prep Date: 7/20/2022	Analysis D	Date: 7/	20/2022	5	SeqNo: 3	192270	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	92.4	90	110			

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

Page 5 of 8

**ENSOLUM** 

CM Morris 1

**Client:** 

**Project:** 

UNI	WO	#: 2207919
lysis Laborate	ory, Inc.	<b>29-Jul-2</b> 2
pTvpe: <b>MBLK</b>	TestCode: EPA Method 8015M/D: Diesel Range Organic	s

Sample ID: MB-68906	SampT	ype: ME	BLK	TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	Batch	n ID: 689	906	F	RunNo: <b>8</b> 9	9638				
Prep Date: 7/20/2022	Analysis D	ate: 7/	20/2022	S	SeqNo: 3	191528	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	5.6		10.00		56.2	51.1	141			
Sample ID: LCS-68906	SampT	ype: LC	S	Tes	tCode: EF	PA Method	8015M/D: Die	esel Rang	e Organics	
Client ID: LCSS	Batch	n ID: 689	906	F	RunNo: <b>8</b> 9	9638				
Prep Date: 7/20/2022	Analysis D	ate: 7/	20/2022	S	SeqNo: 3	191529	Units: <b>mg/K</b>	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	39	15	50.00	0	77.4	64.4	127			
Surr: DNOP	2.6		5.000		52.5	51.1	141			

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 6 of 8

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QC SUMMANT NEI ONT	WO#:	2207919
Hall Environmental Analysis Laboratory, Inc.		29-Jul-22

	CNSOLUM CM Morris 1									
Sample ID: mb	Sa	mpType:	MBLK	Tes	tCode: El	PA Method	8015D: Gasc	line Rang	e	
Client ID: PBS		Batch ID:	G89634	F	RunNo: 8	9634				
Prep Date:	Analy	sis Date:	7/20/2022	\$	SeqNo: 3	191714	Units: mg/k	٢g		
Analyte	Res	ult PO	QL SPK value	e SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (	GRO) N	D	5.0							
Surr: BFB	10	00	1000	)	102	37.7	212			
Sample ID: 2.5ug gro	l <b>cs</b> Sa	mpType:	LCS	Tes	tCode: El	PA Method	8015D: Gasc	line Rang	e	
Client ID: LCSS	I	Batch ID:	G89634	F	RunNo: 8	9634				
Prep Date:	Analy	sis Date:	7/20/2022	:	SeqNo: 3	191715	Units: <b>mg/k</b>	٢g		
Analyte	Res	ult PC	QL SPK value	e SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (	GRO)	26	5.0 25.00	) 0	104	72.3	137			
Surr: BFB	20	00	1000	)	196	37.7	212			

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

Page 7 of 8

Released to Imaging: 11/14/2022 1:45:39 PM

L.		WO#:	2207919				
Hall Env	Hall Environmental Analysis Laboratory, Inc.						
Client:	ENSOLUM						

Project: CM Mo	rris 1									
Sample ID: mb	Samp	Гуре: МЕ	BLK	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: PBS	Batc	h ID: <b>B8</b>	9634	F	RunNo: <b>8</b>	9634				
Prep Date:	Analysis I	Date: 7/	20/2022	S	SeqNo: 3	191729	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Kylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.0		1.000		101	70	130			
Sample ID: 100ng btex Ics	Samp	Type: LC	S	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: LCSS	Batc	h ID: <b>B8</b>	9634	F	RunNo: <b>8</b> 9	9634				
Prep Date:	Analysis I	Date: 7/	20/2022	S	SeqNo: 3	191730	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.96	0.025	1.000	0	96.4	80	120			
Toluene	1.0	0.050	1.000	0	100	80	120			
Ethylbenzene	1.0	0.050	1.000	0	100	80	120			
Kylenes, Total	3.0	0.10	3.000	0	99.5	80	120			

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

Page 8 of 8

ived by OCD: 10/11/2022 7:56:45 AM HALL ENVIRONMENTAL ANALYSIS LABORATORY	TEL: 505-345	nental Analysis Labor 4901 Hawki Albuquerque, NM 8 5-3975 FAX: 505-345 ww.hallenvironmenta	ns NE 87109 Sar 4107	Page 125 o				
Client Name: ENSOLUM	Work Order Nu	mber: 2207919		RcptNo: 1				
Received By: Juan Rojas	7/20/2022 6:50:0	0 AM	Huansay					
Completed By: Cheyenne Cason	7/20/2022 7:27:4	4 AM	Generary Claud					
Reviewed By: CMC	7/20/22			ά.				
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 samp	les?	Yes 🔽	No 🗌					
4. Were all samples received at a tempera	ture of >0° C to 6.0°C	Yes 🗹	No 🗌					
5. Sample(s) in proper container(s)?		Yes 🖌	No 🗌					
6. Sufficient sample volume for indicated te	st(s)?	Yes 🗸	No 🗌					
7. Are samples (except VOA and ONG) pro	perly 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 be		Yes	No 🔽					
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)		Yes 🗹	No 🗌	# of preserved bottles checked for pH:				
12. Are matrices correctly identified on Chair		Yes 🔽	No 🗌	(<2 or >12 unless noted) Adjusted?				
13. Is it clear what analyses were requested?		Yes V		, logusted !				
14. Were all holding times able to be met? (If no, notify customer for authorization.)		Yes 🗹	No 🗌	Checked by: JA 7/20/22				
<u>Special Handling (if applicable)</u>								
15. Was client notified of all discrepancies w	ith this order?	Yes	No 🗌	NA 🗹				
Person Notified:	Date	e:						
By Whom:	Via:	eMail P	none 🗌 Fax	In Person				
Regarding:								
Client Instructions:								
<ul> <li>16. Additional remarks:</li> <li>17. <u>Cooler Information</u> Cooler No Temp °C Condition</li> </ul>	Seal Intact Seal No	Seal Date	Signed By					
1 0.9 Good	Yes							

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Page 1 of 1

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Chain-of-Custody Record	051		Mailing Address: 606			4	i			_1		Ĕ						_			+		Rel	Ret		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

District III

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

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

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

CONDITIONS

Operator:	OGRID:				
Enterprise Field Services, LLC	241602				
PO Box 4324	Action Number:				
Houston, TX 77210	150062				
	Action Type:				
	[C-141] Release Corrective Action (C-141)				

### CONDITIONS

Created By	Condition	Condition Date
nvelez	None	11/14/2022

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Action 150062