

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
**District II**  
811 S. First St., Artesia, NM 88210  
**District III**  
1000 Rio Brazos Road, Aztec, NM 87410  
**District IV**  
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Form C-141  
Revised August 24, 2018  
Submit to appropriate OCD District office

Incident ID	
District RP	
Facility ID	
Application ID	

## Release Notification

### Responsible Party

Responsible Party: <b>Enterprise Field Services, LLC</b>	OGRID: <b>151618</b>
Contact Name: <b>Thomas Long</b>	Contact Telephone: <b>505-599-2286</b>
Contact email: <b>tjlong@eprod.com</b>	Incident # (assigned by OCD): <b>NCS1935239780</b>
Contact mailing address: <b>614 Reilly Ave, Farmington, NM 87401</b>	

### Location of Release Source

Latitude **36.300218** Longitude **-107.34440** (NAD 83 in decimal degrees to 5 decimal places)

Site Name <b>Lateral 2C-24/Jicarilla L#2B</b>	Site Type <b>Natural Gas Gathering Pipeline</b>
Date Release Discovered: <b>10/8/2019</b>	Serial Number (if applicable): <b>NA</b>

Unit Letter	Section	Township	Range	County
<b>B</b>	<b>10</b>	<b>24N</b>	<b>5W</b>	<b>Rio Arriba</b>

Surface Owner:  State  Federal  Tribal  Private (Name: **Jicarilla Apache Tribe**)

### Nature and Volume of Release

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

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input checked="" type="checkbox"/> Condensate	Volume Released (bbls): <b>3-5 bbls</b>	Volume Recovered (bbls): <b>None</b>
<input checked="" type="checkbox"/> Natural Gas	Volume Released (Mcf): <b>1.0 MCF</b>	Volume Recovered (Mcf): <b>None</b>
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units):	Volume/Weight Recovered (provide units)

**Cause of Release:** On October 8, 2019, a third party reported release on the Lateral 2C-24/Jicarilla L #2B Valve. Enterprise dispatched a technician and confirmed the release. The pipeline was isolated, depressurized, locked out and tagged out. Repairs to the valve were completed. Enterprise began remediation of the release on October 18, 2019 and it was determined that the release was reportable per NMOCD regulation on October 21, 2019, because the volume of impacted subsurface soil on. The final excavation dimensions measured approximately eight (8) feet long by (8) feet wide by approximately 8.5 feet deep. Approximately 32 cubic yards of hydrocarbon impacted soil were excavated and transported to a New Mexico Oil Conservation Division approved land farm facility. A third party closure report is included with this "Final." C-141.

Incident ID	
District RP	
Facility ID	
Application ID	

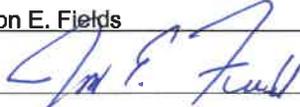
## Closure

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

**Closure Report Attachment Checklist:** *Each of the following items must be included in the closure report.*

- A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Jon E. Fields Title: Director, Environmental  
 Signature:  Date: 7/8/2020  
 email: jefields@eprod.com Telephone: (713) 381-6684

**OCD Only**

Received by: OCD Date: 7/8/2020

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by:  Date: 1/26/2021  
 Printed Name: Cory Title: Environmental Specialist



**CLOSURE REPORT**

Property:

**Lateral 2C-24 / Jicarilla L #2B Valve Release  
NE ¼, S10 T24N R5W  
Rio Arriba County, New Mexico**

February 21, 2020  
Ensolum Project No. 05A1226076

Prepared for:

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

Prepared by:

A handwritten signature in blue ink, appearing to read 'Chad D'Aponti'.

---

Chad D'Aponti  
Field Environmental Scientist

A handwritten signature in blue ink, appearing to read 'Rane Deechilly'.

---

Rane Deechilly  
Environmental Scientist

A handwritten signature in blue ink, appearing to read 'Kyle Summers'.

---

Kyle Summers, CPG  
Sr. Project Manager

**Table of Contents**

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**1.0 INTRODUCTION..... 1**  
1.1 SITE DESCRIPTION & BACKGROUND ..... 1  
1.2 PROJECT OBJECTIVE ..... 1

**2.0 CLOSURE CRITERIA..... 1**

**3.0 SOIL REMEDIATION ACTIVITIES..... 2**

**4.0 SOIL SAMPLING PROGRAM..... 3**

**5.0 SOIL LABORATORY ANALYTICAL METHODS ..... 3**

**6.0 DATA EVALUATION ..... 3**

**7.0 RECLAMATION AND REVEGETATION ..... 4**

**8.0 FINDINGS AND RECOMMENDATION ..... 4**

**9.0 STANDARDS OF CARE, LIMITATIONS, AND RELIANCE..... 4**  
9.1 STANDARD OF CARE ..... 4  
9.2 ADDITIONAL LIMITATIONS..... 5  
9.3 RELIANCE ..... 5

**LIST OF APPENDICES**

- Appendix A: Figures**  
Figure 1 Topographic Map  
Figure 2 Site Vicinity Map  
Figure 3 Site Map
- Appendix B: Executed C-138 Solid Waste Acceptance Form**
- Appendix C: Photographic Documentation**
- Appendix D: Table 1 - Soil Analytical Summary**
- Appendix E: Laboratory Data Sheets & Chain of Custody Documentation**
- Appendix F: Jicarilla Apache Nation Environmental Protection Office Correspondence**



## CLOSURE REPORT

### Lateral 2C-24 / Jicarilla L #2B Valve Release NE ¼, S10 T24N R5W Rio Arriba County, New Mexico

Ensolum Project No. 05A1226076

## 1.0 INTRODUCTION

### 1.1 Site Description & Background

<b>Operator:</b>	Enterprise Field Services, LLC / Enterprise Products Operating LLC (Enterprise)
<b>Site Name:</b>	Lateral 2C-24 / Jicarilla L #2B Valve Release (Site)
<b>Location:</b>	36.330218° North, 107.34440° West Northeast (NE) ¼ of Section 10, Township 24 North, Range 5 West Rio Arriba County, New Mexico
<b>Property:</b>	Jicarilla Apache Nation
<b>Regulatory:</b>	Jicarilla Apache Nation Environmental Protection Office (JANEPO) and New Mexico Energy, Minerals and Natural Resources Department (EMNRD) Oil Conservation Division (OCD)

On October 8, 2019, the Jicarilla Apache Nation identified a release of natural gas at the Lateral 2C-24 / Jicarilla L #2B valve. Enterprise verified the release and subsequently isolated and locked the pipeline out of service and repaired the pipeline valve. On October 18, 2019, Enterprise initiated response activities to remediate petroleum hydrocarbon impact resulting from the release.

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 New Mexico EMNRD OCD closure criteria.

## 2.0 CLOSURE CRITERIA

The Site is subject to regulatory oversight by the JANEPO and the New Mexico EMNRD OCD. In the absence of published JANEPO regulatory guidance, Ensolum, LLC (Ensolum) deferred to the New Mexico Administrative Code (NMAC) 19.15.29 *Releases*, as guidance, which establishes investigation and abatement action requirements for oil and gas release sites subject to reporting and/or corrective action. Ensolum utilized information provided by Enterprise, the general site characteristics, information available from the New Mexico Office of the State Engineer (OSE), and information from the New Mexico EMNRD OCD imaging database to determine the appropriate closure criteria for the Site.

- No water wells were identified within a one-half mile radius of the Site on the OSE Water Rights Reporting System (WRRS) database.
- No cathodic-protection wells were identified near the Site.

Enterprise Field Services, LLC  
 Closure Report  
 Lateral 2C-24 / Jicarilla L #2B Valve Release  
 February 21, 2020



- The Site is located within 300 feet of a New Mexico ENMRD OCD-defined continuously flowing watercourse or significant watercourse. An ephemeral wash is located approximately 63 feet northeast of the excavation.
- 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.
- No springs, or private domestic fresh water wells used by less than five (5) households for domestic or stock watering purposes were identified within 500 feet of the Site.
- No fresh water wells or springs were identified within 1,000 feet of the Site.
- 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 NMSA 1978, Section 3-27-3.
- The Site is not located within 300 feet of a wetland.
- Based on information identified on the New Mexico Mining and Minerals Division’s GIS, Maps and Mine Data database, the Site is not located within an area overlying a subsurface mine.
- The Site is not located within an unstable area.
- The Site is not located within a 100-year floodplain.

Based on the identified siting criteria, cleanup goals for soils remaining in place at the Site include:

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

### 3.0 SOIL REMEDIATION ACTIVITIES

On October 18, 2019, Enterprise performed initial clean-up of the affected soils at the location to mitigate potential safety hazards. During the remediation and corrective action activities, OFT Construction, Inc., provided heavy equipment and labor support, while Ensolum provided environmental consulting support.

The final excavation measured approximately eight (8) feet long and eight (8) feet wide at the maximum extents. The average depth of the excavation measured approximately 8.5 feet below grade surface (bgs).

The lithology encountered during the completion of remediation activities consisted primarily of unconsolidated silty sand.

Enterprise Field Services, LLC  
Closure Report  
Lateral 2C-24 / Jicarilla L #2B Valve Release  
February 21, 2020



A total of approximately 32 cubic yards (yd<sup>3</sup>) of petroleum hydrocarbon affected soils were transported to Envirotech landfarm near Hilltop, New Mexico for disposal/remediation. The executed C-138 solid waste acceptance form is provided in **Appendix B**. The excavation was backfilled with imported fill and then contoured to surrounding grade.

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

#### 4.0 SOIL SAMPLING PROGRAM

Ensolum field screened 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 two (2) composite soil samples (S-1 and S-2), comprised of five (5) aliquots each, from the remediation area for laboratory analysis. A backhoe, operated by OFT Construction, was utilized to obtain fresh aliquots from the sidewalls and floor of the excavation. A JANEPO representative was on site to witness the sampling event.

##### First Sampling Event

Aliquots for composite soil samples S-1 (0'-8.5') and S-2 (0'-8.5') were collected from the sidewalls and floor of the excavation.

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

#### 5.0 SOIL LABORATORY ANALYTICAL METHODS

The composite soil samples were analyzed for benzene, toluene, ethylbenzene and total xylenes (BTEX) using Environmental Protection Agency (EPA) SW-846 Method #8021, total petroleum hydrocarbon (TPH) gasoline range organics (GRO), diesel range organics (DRO), and motor oil/lube oil range organics (MRO) using EPA SW-846 Method #8015, and chlorides using EPA Method #300.0.

Laboratory analytical results are summarized in **Table 1** in **Appendix D**. The executed chain-of-custody forms and laboratory data sheets are provided in **Appendix E**.

#### 6.0 DATA EVALUATION

Ensolum compared the BTEX, TPH, and chloride laboratory analytical results or laboratory practical quantitation limits (PQLs) / reporting limits (RLs) associated with the composite soil samples (S-1 and S-2) collected from soils remaining on Site to the applicable New Mexico EMNRD OCD closure criteria.

- The laboratory analytical results for the composite soil samples indicate benzene is not present in concentrations greater than the laboratory PQLs/RLs, which are less than the New Mexico EMNRD OCD closure criteria of 10 milligrams per kilogram (mg/kg).

Enterprise Field Services, LLC  
Closure Report  
Lateral 2C-24 / Jicarilla L #2B Valve Release  
February 21, 2020



- The laboratory analytical results for the composite soil samples indicate total BTEX is not present in concentrations greater than the laboratory PQLs/RLs, which are less than the New Mexico EMNRD OCD closure criteria of 50 mg/kg.
- The laboratory analytical results for the 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 New Mexico EMNRD OCD closure criteria of 100 mg/kg.
- The laboratory analytical results for the composite soil samples indicate chloride is not present in concentrations greater than laboratory PQLs/RLs, which are less than the New Mexico EMNRD OCD closure criteria of 600 mg/kg.

Laboratory analytical results are summarized in **Table 1 (Appendix D)**.

## 7.0 RECLAMATION AND REVEGETATION

The excavation was backfilled with imported unaffected fill and then contoured to match the surrounding grade. Jicarilla Apache Nation Environmental Protection Office correspondence indicating the approval to backfill the excavation is included in **Appendix F**.

## 8.0 FINDINGS AND RECOMMENDATION

On October 8, 2019, the Jicarilla Apache Nation identified a release of natural gas at the Lateral 2C-24 / Jicarilla L #2B valve. Enterprise verified the release and subsequently isolated and locked the pipeline out of service and repaired the pipeline valve. On October 18, 2019, Enterprise initiated response activities to remediate petroleum hydrocarbon impact resulting from the release.

- The primary objective of the closure activities was to reduce COC concentrations in the on-Site soils to below the applicable New Mexico EMNRD OCD closure criteria using the New Mexico EMNRD OCD's NMAC 19.15.29 *Releases* as guidance.
- A total of two (2) composite soil samples were collected from the walls and floor of the final excavation. Based on soil laboratory analytical results, soils remaining in place do not exhibit COC concentrations above the New Mexico EMNRD OCD closure criteria.
- A total of approximately 32 yd<sup>3</sup> of petroleum hydrocarbon affected soils were transported to the Envirotech landfarm near Hilltop, New Mexico for disposal/remediation. The excavation was backfilled with imported fill and then contoured to surrounding grade.

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

## 9.0 STANDARDS OF CARE, LIMITATIONS, AND RELIANCE

### 9.1 Standard of Care

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

Enterprise Field Services, LLC  
Closure Report  
Lateral 2C-24 / Jicarilla L #2B Valve Release  
February 21, 2020



## 9.2 Additional 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 recommendations are based solely upon data available to Ensolum at the time of these services.

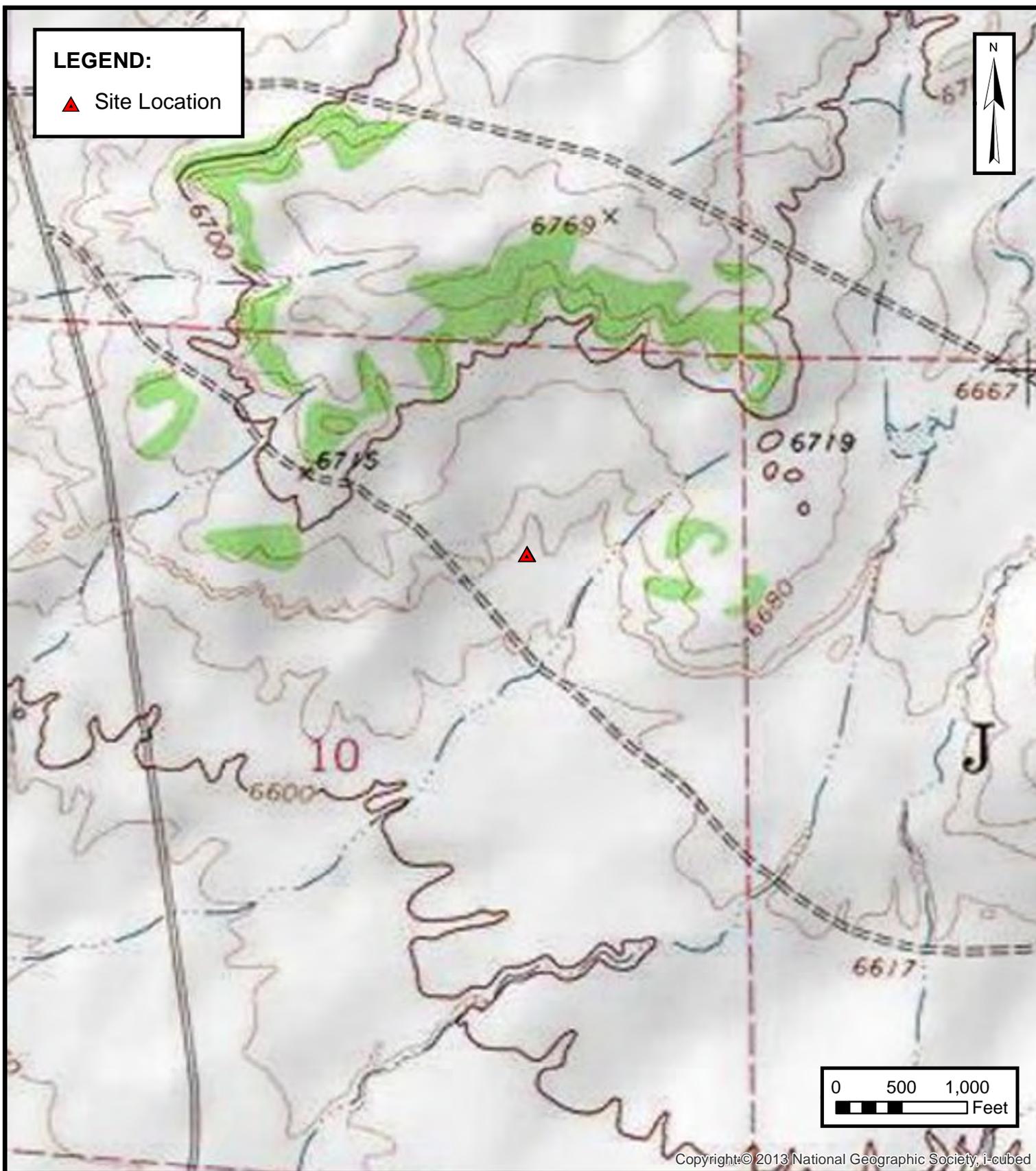
## 9.3 Reliance

This report has been prepared for the exclusive use of Enterprise Products Operating LLC, 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 Enterprise Products Operating LLC and Ensolum. Any unauthorized distribution or reuse is at the client's sole risk. Notwithstanding the foregoing, reliance by authorized parties will be subject to the terms, conditions and limitations stated in the Closure Report, and Ensolum's Master Services Agreement. The limitation of liability defined in the agreement is the aggregate limit of Ensolum's liability to the client.



## APPENDIX A

### Figures

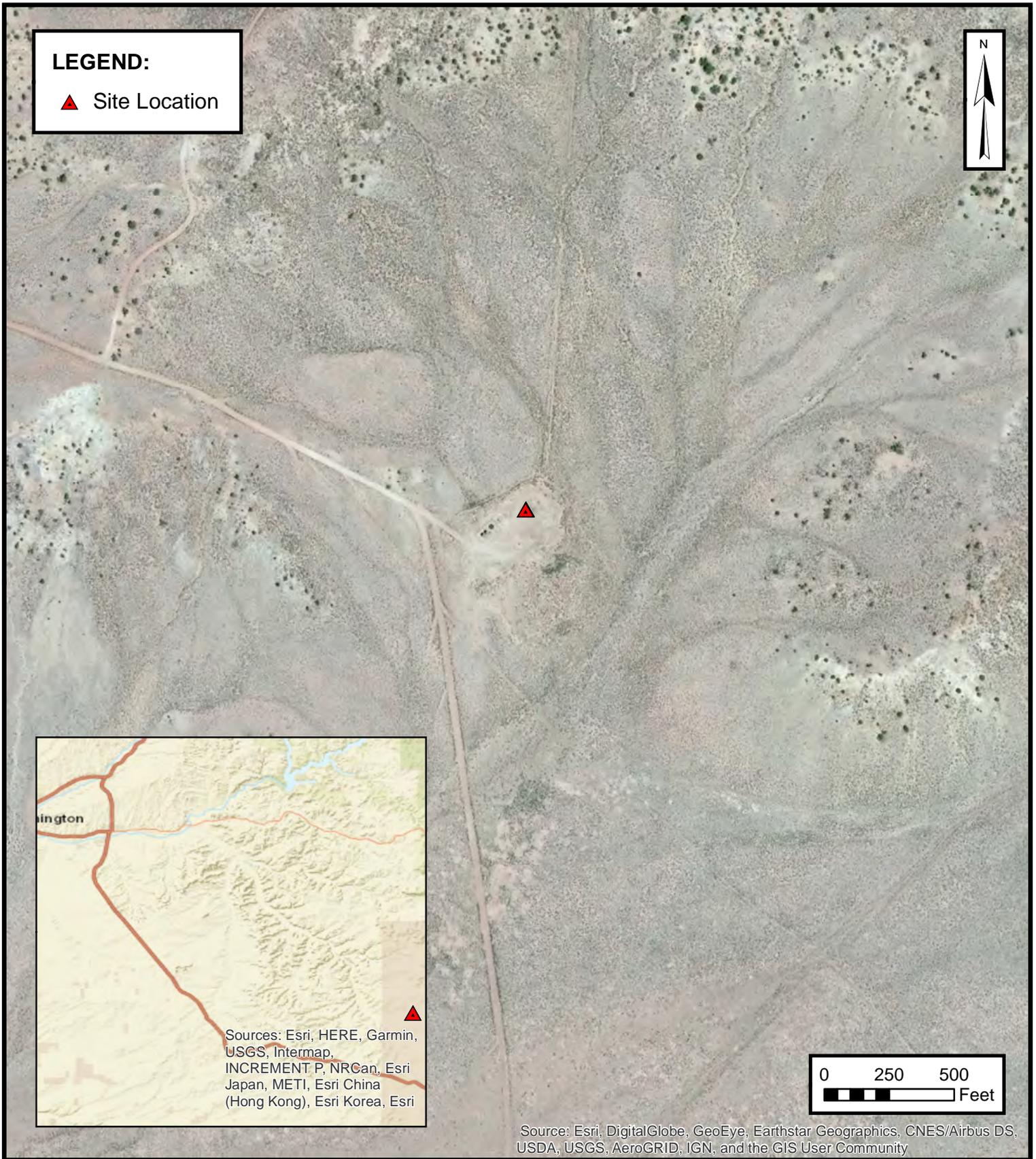


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**ENSOLUM**  
Environmental & Hydrogeologic Consultants

**TOPOGRAPHIC MAP**  
 ENTERPRISE FIELD SERVICES, LLC  
 LATERAL 2C-24 / JICARILLA L#2B VALVE RELEASE  
 NE ¼, S10 T24N R5W, Rio Arriba County, New Mexico  
 36.330218°N, 107.34440° W  
 PROJECT NUMBER: 05A1226076

**FIGURE**  
**1**



**SITE VICINITY MAP**

ENTERPRISE FIELD SERVICES, LLC  
 LATERAL 2C-24 / JICARILLA L#2B VALVE RELEASE  
 NE ¼, S10 T24N R5W, Rio Arriba County, New Mexico  
 36.330218°N, 107.34440° W

PROJECT NUMBER: 05A1226076

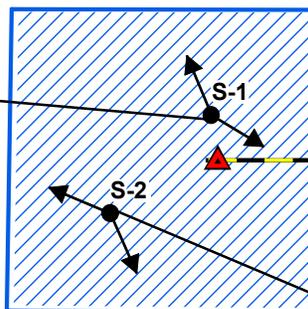
**FIGURE**  
**2**

**LEGEND:**

-  Release Point
-  Composite Sample Location
-  Pipeline
-  Extent of Excavation
- W Wall Sample
- F Floor Sample



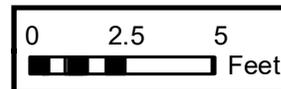
**S-1**  
 10/22/2019  
 W & F (0-8.5')  
 Benzene...<0.023  
 Toluene...<0.047  
 Ethylbenzene...<0.047  
 Xylenes...<0.093  
 Total BTEX...ND  
 TPH GRO...<4.7  
 TPH DRO...<9.9  
 TPH MRO...<49  
 Total Combined TPH  
 GRO/DRO/MRO...ND  
 Chloride...<60



**S-2**  
 10/22/2019  
 W & F (0-8.5')  
 Benzene...<0.021  
 Toluene...<0.042  
 Ethylbenzene...<0.042  
 Xylenes...<0.083  
 Total BTEX...ND  
 TPH GRO...<4.2  
 TPH DRO...<9.8  
 TPH MRO...<49  
 Total Combined TPH  
 GRO/DRO/MRO...ND  
 Chloride...<60

**NOTE:**

All Concentrations Are Listed in mg/Kg  
 All Depths Are Listed in Feet BGS.



**SITE MAP**

ENTERPRISE FIELD SERVICES, LLC  
 LATERAL 2C-24 / JICARILLA L#2B VALVE  
 NE ¼, S10 T24N R5W, Rio Arriba County, New Mexico  
 36.330218° N, 107.34440° W

PROJECT NUMBER: 05A1226076

**FIGURE**  
**3**



## APPENDIX B

### Executed C-138 Solid Waste Acceptance Form

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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

97057-1043

Form C-138  
Revised 08/01/11

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

**REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE**

1. Generator Name and Address:  
Enterprise Field Services, LLC, 614 Reilly Ave, Farmington NM 87401

2. Originating Site:  
Lateral 2C-24/Jicarilla L#2B  
AFE: N44146  
PM: ME Eddleman  
Pay Key: RB21200

2. Location of Material (Street Address, City, State or ULSTR):  
Section 10 T24N R5W; 36.330218 -107.34440  
Oct. 2019

4. Source and Description of Waste:  
Source: Hydrocarbon contaminated soil associated with remediation activities from a natural gas pipeline release.  
Description: Hydrocarbon contaminated soil associated with remediation activities from a natural gas pipeline release.  
Estimated Volume 50 yd<sup>3</sup> bbls Known Volume (to be entered by the operator at the end of the haul) 32 yd<sup>3</sup> bbls

**5. GENERATOR CERTIFICATION STATEMENT OF WASTE STATUS**

I, Thomas Long *Thomas Long*, representative or authorized agent for Enterprise Products Operating do hereby  
Generator Signature  
certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is: (Check the appropriate classification)

- RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. Operator Use Only: Waste Acceptance Frequency  Monthly  Weekly  Per Load
- RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items)

- MSDS Information  RCRA Hazardous Waste Analysis  Process Knowledge  Other (Provide description in Box 4)

**GENERATOR 19.15.36.15 WASTE TESTING CERTIFICATION STATEMENT FOR LANDFARMS**

I, Thomas Long *Thomas Long* 10-21-19, representative for Enterprise Products Operating authorize to complete  
Generator Signature  
the required testing/sign the Generator Waste Testing Certification.

I, Greg Crabtree, representative for Envirotech, Inc. do hereby certify that representative samples of the oil field waste have been subjected to the paint filter test and tested for chloride content and that the samples have been found to conform to the specific requirements applicable to landfarms pursuant to Section 15 of 19.15.36 NMAC. The results of the representative samples are attached to demonstrate the above-described waste conform to the requirements of Section 15 of 19.15.36 NMAC.

5. Transporter: TBD *OFT*

**OCD Permitted Surface Waste Management Facility**

Name and Facility Permit #: Envirotech, Inc. Soil Remediation Facility \* Permit #: NM01-0011  
Address of Facility: Hill Top, NM  
Method of Treatment and/or Disposal:

- Evaporation  Injection  Treating Plant  Landfarm  Landfill  Other

Waste Acceptance Status:  APPROVED  DENIED (Must Be Maintained As Permanent Record)

PRINT NAME: Greg Crabtree TITLE: Enviro Manager DATE: 10/18/19

SIGNATURE: *Greg Crabtree* TELEPHONE NO.: 505-632-0615  
Surface Waste Management Facility Authorized Agent



## APPENDIX C

### Photographic Documentation

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### SITE PHOTOGRAPHS

Enterprise Field Services, LLC  
Closure Report  
Lateral 2C-24 / Jicarilla L #2B Release  
Ensolum Project No. 05A1226076



#### Photograph 1

Photograph Description: View of the release area.



#### Photograph 2

Photograph Description: View of in-process excavation activities.



#### Photograph 3

Photograph Description: View of the final excavation.



### SITE PHOTOGRAPHS

Enterprise Field Services, LLC  
Closure Report  
Lateral 2C-24 / Jicarilla L #2B Release  
Ensolum Project No. 05A1226076



#### Photograph 4

Photograph Description: View of the final excavation.



#### Photograph 5

Photograph Description: View of the final excavation after initial restoration.





## APPENDIX D

### Table 1 – Soil Analytical Summary

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**TABLE 1**  
**Lateral 2C-24 / Jicarilla L #2B Valve Release**  
**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 (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	Total Combined TPH (mg/kg)	Chloride (mg/kg)
New Mexico Energy, Mineral & Natural Resources Department Oil Conservation Division Closure Criteria				10	NE	NE	NE	50				100	600
<b>Excavation Composite Soil Samples</b>													
S-1	10.22.19	C	0 to 8.5	<0.023	<0.047	<0.047	<0.093	ND	<4.7	<9.9	<49	ND	<60
S-2	10.22.19	C	0 to 8.5	<0.021	<0.042	<0.042	<0.083	ND	<4.2	<9.8	<49	ND	<60

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

ND = Not Detected above the Practical Quantitation Limits or Reporting Limits  
 NA = Not Analyzed  
 NE = Not established  
 mg/kg = milligram per kilogram  
 BTEX = Benzene, Toluene, Ethylbenzene, and Xylenes  
 TPH = Total Petroleum Hydrocarbon  
 GRO = Gasoline Range Organics  
 DRO = Diesel Range Organics  
 MRO = Motor Oil/Lube Oil Organics



## APPENDIX E

### Laboratory Data Sheets & Chain of Custody Documentation

---



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

October 24, 2019

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

RE: Lateral 2C 24

OrderNo.: 1910C23

Dear Kyle Summers:

Hall Environmental Analysis Laboratory received 2 sample(s) on 10/23/2019 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](http://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,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written over a white background.

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

**Analytical Report**

Lab Order **1910C23**

Date Reported: **10/24/2019**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** ENSOLUM  
**Project:** Lateral 2C 24  
**Lab ID:** 1910C23-001

**Client Sample ID:** S-1  
**Collection Date:** 10/22/2019 10:00:00 AM  
**Matrix:** MEOH (SOIL) **Received Date:** 10/23/2019 8:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	ND	60		mg/Kg	20	10/23/2019 2:09:13 PM	48333
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>BRM</b>
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	10/23/2019 12:06:15 PM	48332
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/23/2019 12:06:15 PM	48332
Surr: DNOP	82.5	70-130		%Rec	1	10/23/2019 12:06:15 PM	48332
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/23/2019 9:56:50 AM	G63899
Surr: BFB	89.7	77.4-118		%Rec	1	10/23/2019 9:56:50 AM	G63899
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.023		mg/Kg	1	10/23/2019 9:56:50 AM	B63899
Toluene	ND	0.047		mg/Kg	1	10/23/2019 9:56:50 AM	B63899
Ethylbenzene	ND	0.047		mg/Kg	1	10/23/2019 9:56:50 AM	B63899
Xylenes, Total	ND	0.093		mg/Kg	1	10/23/2019 9:56:50 AM	B63899
Surr: 4-Bromofluorobenzene	89.7	80-120		%Rec	1	10/23/2019 9:56:50 AM	B63899

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

**Analytical Report**

Lab Order **1910C23**

Date Reported: **10/24/2019**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** ENSOLUM

**Client Sample ID:** S-2

**Project:** Lateral 2C 24

**Collection Date:** 10/22/2019 10:05:00 AM

**Lab ID:** 1910C23-002

**Matrix:** MEOH (SOIL) **Received Date:** 10/23/2019 8:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	ND	60		mg/Kg	20	10/23/2019 2:21:38 PM	48333
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>BRM</b>
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	10/23/2019 12:30:42 PM	48332
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/23/2019 12:30:42 PM	48332
Surr: DNOP	83.3	70-130		%Rec	1	10/23/2019 12:30:42 PM	48332
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.2		mg/Kg	1	10/23/2019 10:19:53 AM	G63899
Surr: BFB	86.9	77.4-118		%Rec	1	10/23/2019 10:19:53 AM	G63899
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.021		mg/Kg	1	10/23/2019 10:19:53 AM	B63899
Toluene	ND	0.042		mg/Kg	1	10/23/2019 10:19:53 AM	B63899
Ethylbenzene	ND	0.042		mg/Kg	1	10/23/2019 10:19:53 AM	B63899
Xylenes, Total	ND	0.083		mg/Kg	1	10/23/2019 10:19:53 AM	B63899
Surr: 4-Bromofluorobenzene	87.0	80-120		%Rec	1	10/23/2019 10:19:53 AM	B63899

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

<b>Qualifiers:</b>	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

# QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1910C23

24-Oct-19

**Client:** ENSOLUM  
**Project:** Lateral 2C 24

Sample ID: <b>MB-48333</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>48333</b>	RunNo: <b>63893</b>								
Prep Date: <b>10/23/2019</b>	Analysis Date: <b>10/23/2019</b>	SeqNo: <b>2185835</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-48333</b>	SampType: <b>ics</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>48333</b>	RunNo: <b>63893</b>								
Prep Date: <b>10/23/2019</b>	Analysis Date: <b>10/23/2019</b>	SeqNo: <b>2185836</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	16	1.5	15.00	0	104	90	110			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 1910C23

24-Oct-19

**Client:** ENSOLUM  
**Project:** Lateral 2C 24

Sample ID: <b>MB-48332</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>48332</b>	RunNo: <b>63890</b>								
Prep Date: <b>10/23/2019</b>	Analysis Date: <b>10/23/2019</b>	SeqNo: <b>2184756</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.3		10.00		93.4	70	130			

Sample ID: <b>LCS-48332</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>48332</b>	RunNo: <b>63890</b>								
Prep Date: <b>10/23/2019</b>	Analysis Date: <b>10/23/2019</b>	SeqNo: <b>2184768</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	49	10	50.00	0	98.3	63.9	124			
Surr: DNOP	3.9		5.000		77.3	70	130			

**Qualifiers:**

- |   |   |
|---|---|
| * Value exceeds Maximum Contaminant Level.              | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix                          | E Value above quantitation range                  |
| H Holding times for preparation or analysis exceeded    | J Analyte detected below quantitation limits      |
| ND Not Detected at the Reporting Limit                  | P Sample pH Not In Range                          |
| PQL Practical Quantitative Limit                        | RL Reporting Limit                                |
| S % Recovery outside of range due to dilution or matrix |   |

# QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1910C23

24-Oct-19

**Client:** ENSOLUM  
**Project:** Lateral 2C 24

Sample ID: <b>RB</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>PBS</b>	Batch ID: <b>G63899</b>	RunNo: <b>63899</b>								
Prep Date:	Analysis Date: <b>10/23/2019</b>	SeqNo: <b>2185270</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	970		1000		97.0	77.4	118			

Sample ID: <b>2.5UG GRO LCS</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>G63899</b>	RunNo: <b>63899</b>								
Prep Date:	Analysis Date: <b>10/23/2019</b>	SeqNo: <b>2185278</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	5.0	25.00	0	99.7	80	120			
Surr: BFB	1100		1000		109	77.4	118			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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

WO#: 1910C23

24-Oct-19

**Client:** ENSOLUM  
**Project:** Lateral 2C 24

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sample ID: <b>RB</b> SampType: <b>MBLK</b> TestCode: <b>EPA Method 8021B: Volatiles</b>										
Client ID: <b>PBS</b> Batch ID: <b>B63899</b> RunNo: <b>63899</b>										
Prep Date: Analysis Date: <b>10/23/2019</b> SeqNo: <b>2185313</b> Units: <b>mg/Kg</b>										
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.99		1.000		98.7	80	120			

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sample ID: <b>100NG BTEX LCS</b> SampType: <b>LCS</b> TestCode: <b>EPA Method 8021B: Volatiles</b>										
Client ID: <b>LCSS</b> Batch ID: <b>B63899</b> RunNo: <b>63899</b>										
Prep Date: Analysis Date: <b>10/23/2019</b> SeqNo: <b>2185314</b> Units: <b>mg/Kg</b>										
Benzene	0.91	0.025	1.000	0	90.6	80	120			
Toluene	0.93	0.050	1.000	0	92.9	80	120			
Ethylbenzene	0.92	0.050	1.000	0	92.4	80	120			
Xylenes, Total	2.7	0.10	3.000	0	90.7	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		102	80	120			

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sample ID: <b>1910C23-001AMS</b> SampType: <b>MS</b> TestCode: <b>EPA Method 8021B: Volatiles</b>										
Client ID: <b>S-1</b> Batch ID: <b>B63899</b> RunNo: <b>63899</b>										
Prep Date: Analysis Date: <b>10/23/2019</b> SeqNo: <b>2185315</b> Units: <b>mg/Kg</b>										
Benzene	0.99	0.023	0.9320	0.009767	105	76	123			
Toluene	1.0	0.047	0.9320	0.009105	107	80.3	127			
Ethylbenzene	1.0	0.047	0.9320	0	107	80.2	131			
Xylenes, Total	3.0	0.093	2.796	0.04166	105	78	133			
Surr: 4-Bromofluorobenzene	0.92		0.9320		99.2	80	120			

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sample ID: <b>1910C23-001AMSD</b> SampType: <b>MSD</b> TestCode: <b>EPA Method 8021B: Volatiles</b>										
Client ID: <b>S-1</b> Batch ID: <b>B63899</b> RunNo: <b>63899</b>										
Prep Date: Analysis Date: <b>10/23/2019</b> SeqNo: <b>2185316</b> Units: <b>mg/Kg</b>										
Benzene	1.1	0.023	0.9320	0.009767	114	76	123	8.64	20	
Toluene	1.1	0.047	0.9320	0.009105	120	80.3	127	10.7	20	
Ethylbenzene	1.1	0.047	0.9320	0	120	80.2	131	11.4	20	
Xylenes, Total	3.3	0.093	2.796	0.04166	117	78	133	10.2	20	
Surr: 4-Bromofluorobenzene	0.89		0.9320		95.4	80	120	0	0	

**Qualifiers:**

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

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



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

Sample Log-In Check List

Client Name: ENSOLUM AZTEC

Work Order Number: 1910C23

RcptNo: 1

Received By: Juan Rojas 10/23/2019 8:20:00 AM

Completed By: Erin Melendrez 10/23/2019 8:44:38 AM

Reviewed By: ENM 10/23/19

Handwritten signature

Chain of Custody

1. Is Chain of Custody complete? Yes [checked] No [ ] Not Present [ ]

2. How was the sample delivered? Courier

Log In

3. Was an attempt made to cool the samples? Yes [checked] No [ ] NA [ ]

4. Were all samples received at a temperature of >0° C to 6.0°C Yes [checked] No [ ] NA [ ]

5. Sample(s) in proper container(s)? Yes [checked] No [ ]

6. Sufficient sample volume for indicated test(s)? Yes [checked] No [ ]

7. Are samples (except VOA and ONG) properly preserved? Yes [checked] No [ ]

8. Was preservative added to bottles? Yes [ ] No [checked] NA [ ]

9. VOA vials have zero headspace? Yes [ ] No [ ] No VOA Vials [checked]

10. Were any sample containers received broken? Yes [ ] No [checked]

11. Does paperwork match bottle labels? (Note discrepancies on chain of custody) Yes [checked] No [ ]

12. Are matrices correctly identified on Chain of Custody? Yes [checked] No [ ]

13. Is it clear what analyses were requested? Yes [checked] No [ ]

14. Were all holding times able to be met? (If no, notify customer for authorization.) Yes [checked] No [ ]

# of preserved bottles checked for pH: (<2 or >12 unless noted) Adjusted? Checked by:

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes [ ] No [ ] NA [checked]

Person Notified: Date: By Whom: Via: [ ] eMail [ ] Phone [ ] Fax [ ] In Person Regarding: Client Instructions:

16. Additional remarks:

17. Cooler Information

Table with 7 columns: Cooler No, Temp °C, Condition, Seal Intact, Seal No, Seal Date, Signed By. Row 1: 1, 0.6, Good, Yes, , ,





## APPENDIX F

Jicarilla Apache Nation  
Environmental Protection Office Correspondence

---

**From:** [Hobson Sandoval](#)  
**To:** [Long, Thomas](#); [Cordell Tecube](#); [Jason Sandoval](#)  
**Subject:** Re: FW: Lateral 2C-24/Jicarilla #2B Valve - Section 10 T24N R5W; 36.330218 -107.344403  
**Date:** Friday, October 25, 2019 11:39:22 AM

---

Thomas, the lab results at this site are below OCD closure standards. Therefore, the Jicarilla Apache Environmental Protection Office approves Enterprise to back fill with clean clay soil. Let me know where the source of the back fill will be. Call me if you have any questions.

On Fri, Oct 25, 2019, 7:21 AM Long, Thomas <[tjlong@eprod.com](mailto:tjlong@eprod.com)> wrote:

Hobson/Orson,

Please find the attached site sketch and lab report for the Jicarilla #2B excavation. All sample results are below the NMOCD Tier I Standards. If you have any questions, please call or email.

Sincerely,

**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](mailto:tjlong@eprod.com)



---

**From:** Long, Thomas  
**Sent:** Monday, October 21, 2019 10:07 AM

**To:** 'Hobson Sandoval' <[hsandoval2012@gmail.com](mailto:hsandoval2012@gmail.com)>

**Subject:** RE: FW: Lateral 2C-24/Jicarilla #2B Valve - Section 10 T24N R5W; 36.330218 -107.344403

Hobson,

At 10:00 a.m.

**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](mailto:tjlong@eprod.com)**



**From:** Hobson Sandoval <[hsandoval2012@gmail.com](mailto:hsandoval2012@gmail.com)>

**Sent:** Monday, October 21, 2019 10:07 AM

**To:** Long, Thomas <[tjlong@eprod.com](mailto:tjlong@eprod.com)>; Jason Sandoval <[jasonsandoval@jicarillaoga.com](mailto:jasonsandoval@jicarillaoga.com)>;  
Cordell Tecube <[cltecube@yahoo.com](mailto:cltecube@yahoo.com)>

**Subject:** Re: FW: Lateral 2C-24/Jicarilla #2B Valve - Section 10 T24N R5W; 36.330218 -107.344403

I will be there. What time will the soil sample be taken?

On Mon, Oct 21, 2019 at 9:37 AM Long, Thomas <[tjlong@eprod.com](mailto:tjlong@eprod.com)> wrote:

Hobson/Orson/Cory,

This email is to notify you that began remediation on this release Friday, October 18, 2019 and determined it was reportable per NMOCD regulation today due to the volume of impacted subsurface soil. Enterprise anticipates collecting soil samples for laboratory analysis tomorrow, October 22, 2019 at 10:00 a.m. If you have any questions, please call or email.

Sincerely,

**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](mailto:tjlong@eprod.com)



---

**From:** Long, Thomas  
**Sent:** Thursday, October 10, 2019 3:21 PM  
**To:** Hobson Sandoval <[hsandoval2012@gmail.com](mailto:hsandoval2012@gmail.com)>; Orson Harrison <[orsonharrison@jicarillaoga.com](mailto:orsonharrison@jicarillaoga.com)>  
**Cc:** Stone, Brian <[bmstone@eprod.com](mailto:bmstone@eprod.com)>  
**Subject:** Lateral 2C-24 Valve - Section 10 T24N R5W; 36.330218 -107.344403

Hobson/Orson,

This email is to notify you that Enterprise will be testing the soil at the Lateral 2C-24 Valve release site tomorrow morning. The release is located at Section 10 T24N R5W; 36.330218 -107.344403. It was a small area impacted. I have attached a picture. Please let me know if you have any questions.

Sincerely,

**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](mailto:tjlong@eprod.com)**



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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.

**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

Action 9138

**CONDITIONS OF APPROVAL**

Operator:	ENTERPRISE FIELD SERVICES, LLC	PO Box 4324	Houston, TX77210	OGRID:	241602	Action Number:	9138	Action Type:	C-141
OCD Reviewer				Condition					
csmith				Condition	None				