

August 15, 2022

Oxy USA Inc.
PO Box 4294
Houston, TX 77210
Attn: Mr. Wade Dittrich

Re: Remediation Work Plan

Lost Tank 4 Fed. #0009 Off Louis Whitlock Rd 32.42112° N, 103.78030° W Eddy County, New Mexico Incident ID: NAPP2219337009 Ensolum Project No. 03B1417052

Dear Mr. Dittrich:

Ensolum, LLC. (Ensolum) has prepared this Remediation Work Plan to perform environmental consulting services in the vicinity of the Lost Tank 4 Fed. #0009, referred to hereinafter as the "Site." The Site is located off Louis Whitlock Rd and an unnamed caliche road, approximately 21 miles northeast of Loving in Eddy County, New Mexico.

I. SITE DESCRIPTION & BACKGROUND

Operator:	Oxy USA Inc. (Oxy)
Site Name:	Lost Tank 4 Fed. #0009
Location:	32.42112° N, 103.78030° W Eddy County, New Mexico
Property:	Bureau of Land Management (BLM)
Regulatory:	New Mexico Energy, Minerals and Natural Resources Department (EMNRD) Oil Conservation Division (OCD)

The Site is located in Unit G, Section 4, Township 22 South, Range 31 East, in Eddy County, New Mexico (32.42112° N, 103.78030° W) and is associated with oil and gas exploration and production operations on BLM Federal Land.

On July 4, 2022, a release of crude oil and produced water was reported from a packing failure from the stuffing box on a wellhead. Approximately three (3) barrels (bbls) of crude oil and approximately 12 bbls of produced water were released. No fluids were recovered. Oxy reported the release to the NMOCD and BLM through email notification on July 12, 2022. The release was assigned Incident Number NAPP2219337009.

On July 29, 2022, Ensolum arrived on-Site and collected a total of six (6) composite pothole soil samples from two (2) locations (SP-1 and SP-2) at one-foot intervals down to a depth of three (3) feet below ground surface (bgs) within the release area. Additionally, four (4) delineation composite soil samples (North, East, South, and West) were collected from a depth of 0-0.5 feet bgs to determine the horizontal and vertical extent of the release.

Mr. Wade Dittrich Remediation Work Plan **Lost Tank 4 Fed. #0009**

August 15, 2022 **Page 2**

Based on the analytical results from the soil samples collected and the lack of a water well within 0.5 mile from the Site, the New Mexico Administrative Code (NMAC) 19.15.29 *Releases* Table I: Closure Criteria for Soils Impacted by a Release (≤ 50 feet) values were utilized. The composite pothole soil samples and delineation composite soil sample results are included as **Table 1** in **Attachment D**.

The Site Map indicating the overall area of the release, the composite pothole soil sample's locations, and the delineation composite soil sample's locations are included as **Figure 3** in **Attachment A**.

II. CLOSURE CRITERIA

The Site is subject to regulatory oversight by the New Mexico EMNRD OCD. In order to address activities related to exempt oil and gas releases, the New Mexico EMNRD OCD references NMAC 19.15.29 *Releases*, which establishes investigation and abatement action requirements for sites subject to reporting and/or corrective action. Ensolum utilized information provided by Oxy, the general site characteristics, and information available from the New Mexico Office of the State Engineer (OSE) and the New Mexico EMNRD OCD Imaging database to determine the appropriate closure criteria for the Site. Closure criteria supporting documentation is included in **Attachment B**.

- The Site is not located within 300 feet of a New Mexico ENMRD OCD-defined continuously flowing watercourse or any other significant watercourse.
- The Site is not located within 200 feet of a lakebed, sinkhole, or playa lake.
- The Site is not located within 300 feet from an occupied permanent residence, school, hospital, institution, or church.
- According to the OSE WRSS database there are no private, domestic freshwater wells used by less than five (5) households for domestic or stock water purposes identified within 500 feet of the Site.
- According to the OSE WRSS database there are no freshwater wells identified within 1,000 feet of the Site as declared in the previous bullet.
- 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.
- Based on the Karst Occurrence Potential (.kmz) provided by the BLM, the Site is not located within an unstable area.
- The Site is not located within an area of flood hazard.



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

	Closure Criteria f	or Soils Impacted by a Rel	ease
Minimum depth below			
any point within			
horizontal boundary			
of the release to	Comptituent	Mathad	1 ::4
groundwater less	Constituent	Method	Limit
than 10,000 mg/l TDS			
	Chloride	EPA 300.0 or	600 mg/kg
		SM4500 CI B	
	TPH	EPA SW-846 Method	100 mg/kg
≤50 feet	(GRO+DRO+MRO)	8015M	0 0
	BTEX	EPA SW-846 Method	50 mg/kg
		8021B or 8260B	
	Benzene	EPA SW-846 Method	10 mg/kg
		8021B or 8260B	

III. SCOPE OF SERVICES

A. Health and Safety Plan

Ensolum will develop a site-specific Health and Safety Plan (HSP) for the performance of the scope of services described in this Remediation Work Plan. For the purposes of this HSP, it is assumed that the constituents of concern (COCs) include petroleum hydrocarbons. For the purposes of this HSP, it is assumed that the scope of services can be conducted under modified Level D personal protective equipment (PPE), which will include fire-retardant (FR) clothing, hard hat, steel-toed boots, protective eyewear and gloves. Should the need arise to upgrade PPE (e.g. respiratory protection), the client will be notified, and the HSP will be modified accordingly. Although it is not anticipated at this time, it should be noted that a PPE upgrade will constitute a change in scope of work, requiring a change order.

B. Soil Boring Installation

Due to the absence of water wells being present within 0.5 mile of the Site, one (1) soil boring will be installed to determine the depth to groundwater in the area. The soil boring will be advanced utilizing an air rotary drilling rig, under the supervision of a state-licensed water well driller. The soil boring will be left open for approximately 48 hours to allow groundwater, if encountered, to reach static level.

Prior to initiation of drilling activities, an *Application for Permit to Drill a Well with No Consumptive Use of Water (WR-07)* will be submitted to the New Mexico OSE prior to the installation of the soil boring. In preparation for the potential encounter of groundwater, a *Well Plugging Plan of Operations (WD-08)* will be submitted to the New Mexico OSE prior to the installation of the soil boring.

Mr. Wade Dittrich Remediation Work Plan Lost Tank 4 Fed. #0009

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If groundwater is not encontered, soil cuttings will be placed back in the bore hole and capped with bentonite sebsequent to installation and the 48 hour waiting period.

Drilling equipment will be decontaminated by high pressure cleaning prior to commencement of the project. A boring log will be created using drill cuttings from the air rotary rig to document lithology, color, relative moisture content and visual or olfactory evidence of impairment.

C. Excavation Activities

Subsequent to soil boring installation activities, the Site will be excavated by a third-party contractor to remove impacted soils in the release area based on laboratory analytical data, olfactory and/or visual evidence of impairment. Based on current analytical data taken at the Site, sample point SP-1 and SP-2 will be excavated down to two (2) feet bgs. In addition, delineation points NORTH and EAST will be excavated and subsequently sampled to ensure delineation during excavation activities.

At this time, an estimated 460 cubic yards (cy) will be excavated form the release area. The excavated impacted soils will be placed on plastic on-Site and will be taken off-Site for proper disposal upon receipt of laboratory analytical results. The remediation will be completed within 90 days of approval from the NMOCD.

D. Confirmation Composite Soil Sampling Program

Once excavation activities are complete, Ensolum will collect additional confirmation composite soil samples every 200 square-feet from the bottomhole and sidewalls of the release area based on the following criteria:

- Highest photoionization detector (PID) reading;
- Highest electrical conductivity reading; or
- Change in lithology.

E. Laboratory Analytical Program

The soil samples collected from the proposed confirmation composite samples will be analyzed for total petroleum hydrocarbons (TPH) gasoline range organics (GRO)/ diesel range organics (DRO)/ motor oil/lube oil range organics (MRO) utilizing Environmental Protection Agency (EPA) SW-846 Method 8015M, benzene, toluene, ethylbenzene and xylene (BTEX) utilizing EPA SW-846 Method 8021B, and chloride utilizing EPA Method SM4500 CI B under the NMOCD Closure Criteria for Soils Impacted by a Release (≤50 feet). Based on the results of the soil boring installation and depth to groundwater (if encountered), the Closure Criteria limits for TPH (GRO/DRO/MRO), BTEX, benzene and/or chloride is subject to change.

IV. REPORTING

Subsequent to the completion of Site activities, a Closure Report will be prepared by Ensolum to document completed site investigation and remediation activities as well as any corrective action at the Site, if needed.



Mr. Wade Dittrich Remediation Work Plan Lost Tank 4 Fed. #0009

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V. DELIVERABLES

The results, findings, conclusions, and recommendations, which will be provided in the Closure Report, will be based solely on the conditions which are observed during the site investigation and the information reviewed by Ensolum. No warranties or representations, expressed or implied, will be made as to the condition of the site beyond that observed by Ensolum during its site investigation.

We appreciate the opportunity to provide this Remediation Work Plan and look forward to working with you on this project. If you should have any questions or comments regarding this Remediation Work Plan, please contact either of the undersigned.

Sincerely, **Ensolum, LLC**

Heather Holthaus
Senior Project Manager
hholthaus@ensolum.com

Beaux Jernings Senior Project Manager bjennings@ensolum.com

Attachments:

Attachment A - Figures

Attachment B – Supporting Documentation

Attachment C – Photographic Documentation

Attachment D - Table 1 - Soil Sample Analytical Results

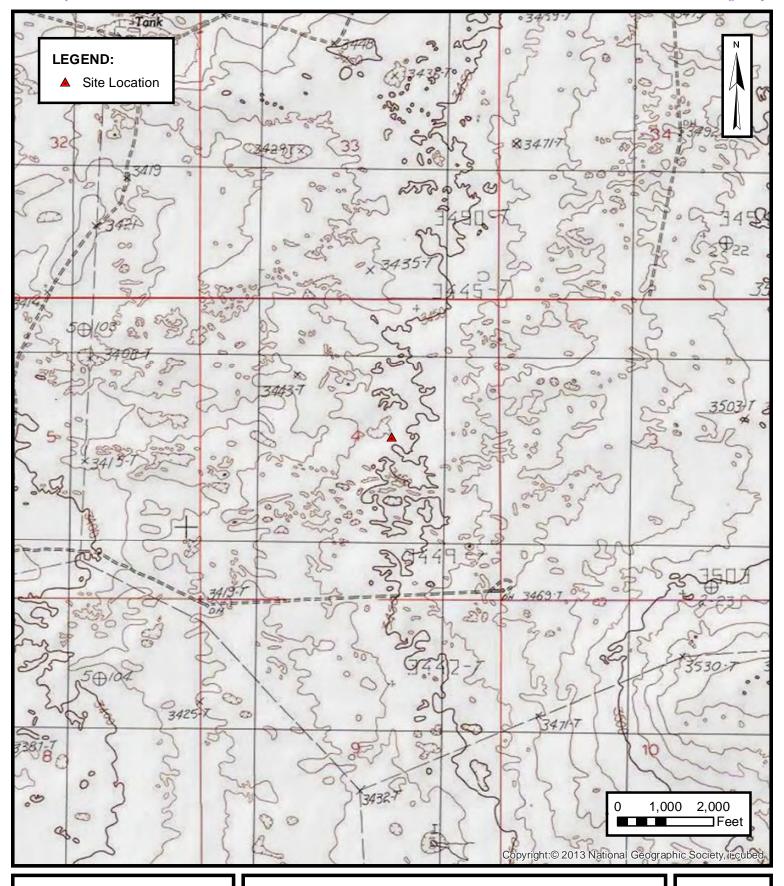
Attachment E – Laboratory Report & Chain-of-Custody Documentation

Attachment F - C-141



ATTACHMENT A

Figures





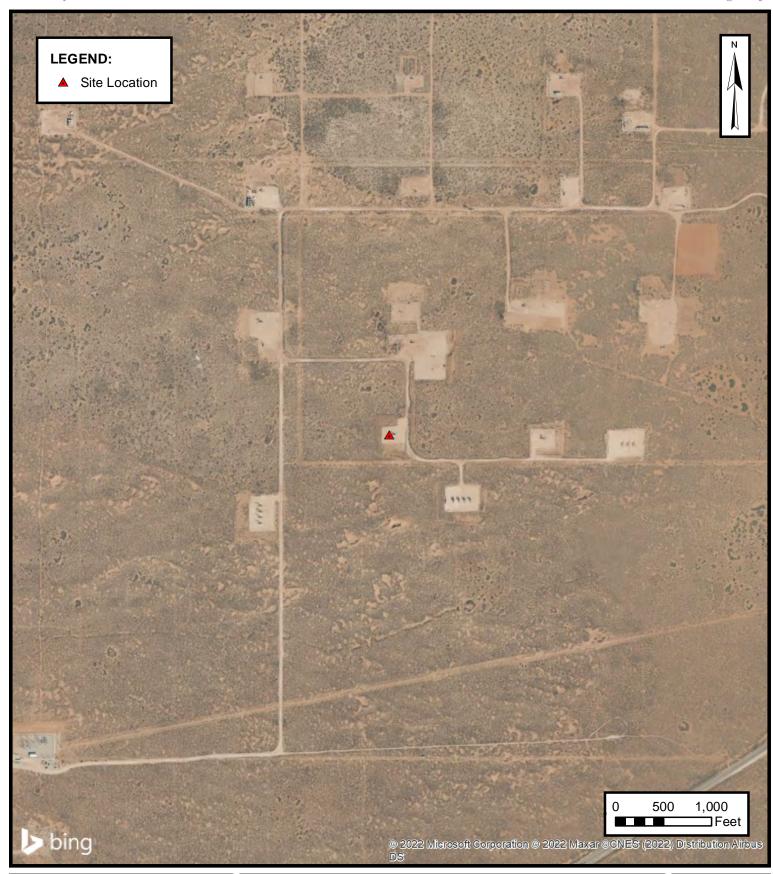
TOPOGRAPHIC MAP

OXY USA INC. LOST TANK 4 FED. #0009 Eddy County, New Mexico 32.42112° N, 103.78030° W

PROJECT NUMBER: 03B1417052

FIGURE

1





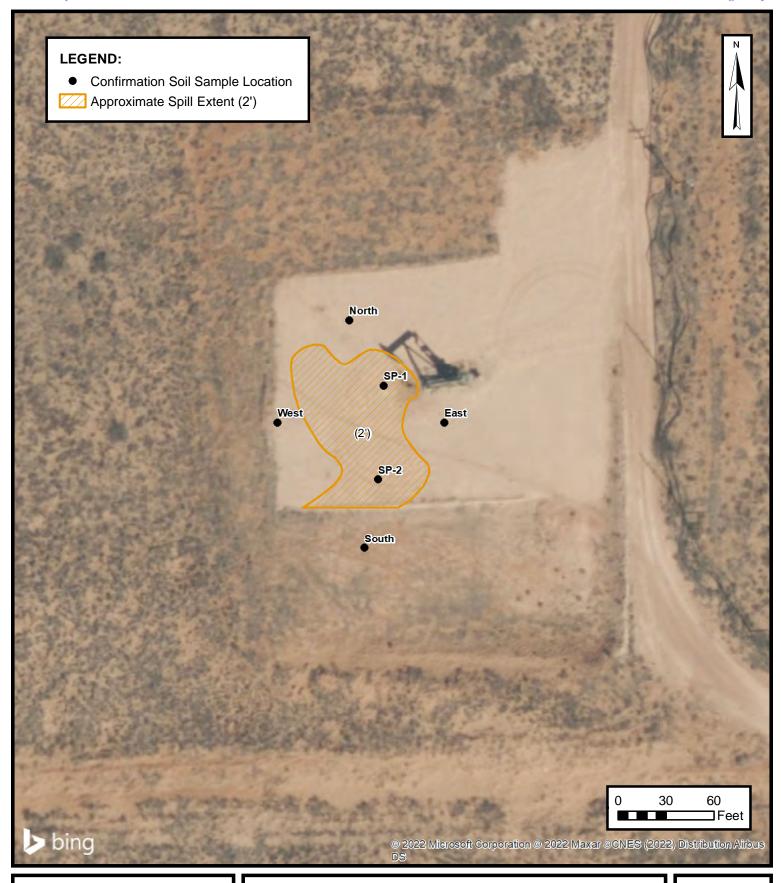
SITE VICINITY MAP

OXY USA INC. LOST TANK 4 FED. #0009 Eddy County, New Mexico 32.42112° N, 103.78030° W

PROJECT NUMBER: 03B1417052

FIGURE

2





SITE MAP

OXY USA INC. LOST TANK 4 FED. #0009 Eddy County, New Mexico 32.42112° N, 103.78030° W

PROJECT NUMBER: 03B1417052

FIGURE

3



APPENDIX B

Supporting Documentation

OSE POD Locations Map

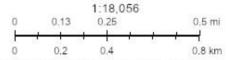


8/2/2022, 2:56:08 PM

OSE District Boundary SiteBoundaries

New Mexico State Trust Lands

Both Estates



Esri, HERE, GeoTechnologies, Inc., Esri, HERE, Garmin, GeoTechnologies, Inc., U.S. Department of Energy Office of Legacy Management, Maxar

Unofficial Online Map These maps are distributed "as is" without warranty of any kind.

OReleas 250 Im 5 9 9 9 9 9 9 9 9 9 9 9 2 : 24 AM

National Flood Hazard Layer FIRMette





SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT Without Base Flood Elevation (BFE) With BFE or Depth Zone AE, AO, AH, VE, AR SPECIAL FLOOD HAZARD AREAS Regulatory Floodway 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X **Future Conditions 1% Annual** Chance Flood Hazard Zone X Area with Reduced Flood Risk due to Levee. See Notes. Zone X OTHER AREAS OF Area with Flood Risk due to Levee Zone D FLOOD HAZARD NO SCREEN Area of Minimal Flood Hazard Zone X Effective LOMRs OTHER AREAS Area of Undetermined Flood Hazard Zone D - - - Channel, Culvert, or Storm Sewer **GENERAL** STRUCTURES | LILLILL Levee, Dike, or Floodwall 20.2 Cross Sections with 1% Annual Chance 17.5 Water Surface Elevation **Coastal Transect** ₩ 513 W Base Flood Elevation Line (BFE) Limit of Study Jurisdiction Boundary --- Coastal Transect Baseline OTHER **Profile Baseline FEATURES** Hydrographic Feature Digital Data Available No Digital Data Available MAP PANELS Unmapped

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location. This map complies with FEMA's standards for the use of

digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards The flood hazard information is derived directly from the

authoritative NFHL web services provided by FEMA. This map was exported on 8/2/2022 at 2:48 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



2.000



Lost Tank 4 Fed. #0009



August 2, 2022

Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Freshwater Pond

Lake

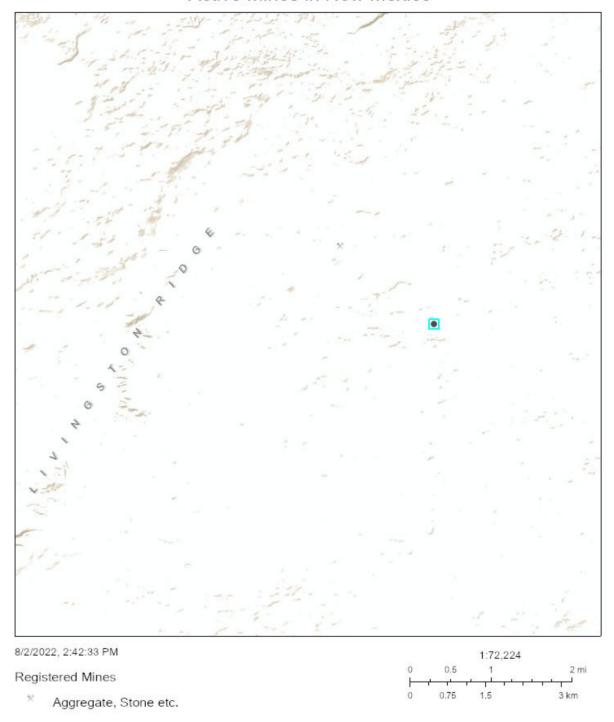
Freshwater Forested/Shrub Wetland

Other

Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

Active Mines in New Mexico



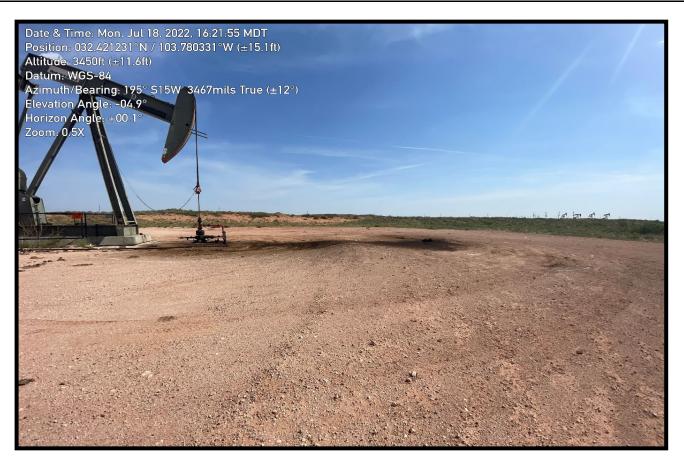
Sources: Esri, USGS, NOAA, Sources: Esri, Garmin, USGS, NPS

EMNRD MMD GIS Coordinator NM Energy, Minerals and Natural Resources Department (http://nm-emnrd.maps.arcgis.com/apps/webappviewer/index.html?id=1b5e577974664d89b47790897ca2795)



ATTACHMENT C

Photographic Documentation



View of release point while marking for one call, facing south.



View of release area while marking for one call, facing east.



View of release area during initial soil sampling activities, facing southeast.



View of release area during initial soil sampling activities, facing south.



ATTACHMENT D

Table 1 - Soil Sample Analytical Results



TABLE 1 SOIL SAMPLE ANALYTICAL RESULTS Oxy USA Inc. - Lost Tank 4 Fed. #0009 Eddy County, New Mexico

Ensolum Project No. 03B1417052

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	Total TPH (GRO+DRO+MRO) (mg/kg)	Chloride (mg/kg)
	I Conservation I Soils Impacted I (≤ 50 feet)	Division Closure by a Release	10	NE	NE	NE	50	NE	NE	NE	100	600
					Pothole	Sample Analytic	al Results					
		0 - 1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	94.0	28.0	122	15,200
SP-1	7/29/2022	1 - 2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	81.1	21.8	103	14,000
		2 - 3	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	84.8	17.4	102	2,680
		0 - 1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	6,000
SP-2	7/29/2022	1 - 2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	9,000
		2 - 3	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	560
					Delineatio	on Sample Analyt	ical Results					
NORTH	7/29/2022	0 - 0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	880
WEST	7/29/2022	0 - 0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
EAST	7/29/2022	0 - 0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	2,400	<10.0	2,400	224
SOUTH	7/29/2022	0 - 0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0

Concentrations in **bold** and yellow exceed the New Mexico Oil Conservation Division Closure Criteria for Soils Impacted by a Release (≤ 50 feet)

bgs: below ground surface

mg/kg: milligrams per kilogram

NE: Not Established

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

MRO: Motor Oil/Lube Oil Range Organics

TPH: Total Petroleum Hydrocarbon



ATTACHMENT E

Laboratory Report & Chain-of-Custody Documentation



August 04, 2022

BEAUX JENNINGS

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: LOST TANK 4 FED. # 0009

Enclosed are the results of analyses for samples received by the laboratory on 07/29/22 12:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keene

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

ENSOLUM, LLC BEAUX JENNINGS 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 07/29/2022 Reported: 08/04/2022

Project Name: LOST TANK 4 FED. # 0009

mg/kg

Project Number: 03B1417052 Project Location: EDDY COUNTY Sampling Date: 07/29/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: NORTH 0-.5' (H223364-01)

BTEX 8021B

BIEX 6021B	ilig	/ Kg	Allalyze	u by: Jn/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2022	ND	2.02	101	2.00	1.87	
Toluene*	<0.050	0.050	08/03/2022	ND	2.08	104	2.00	2.56	
Ethylbenzene*	<0.050	0.050	08/03/2022	ND	2.10	105	2.00	2.22	
Total Xylenes*	<0.150	0.150	08/03/2022	ND	6.35	106	6.00	3.11	
Total BTEX	<0.300	0.300	08/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.9	% 69.9-140	0						
Chloride, SM4500CI-B	/kg	Analyzed By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	880	16.0	08/02/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2022	ND	243	121	200	1.83	
DRO >C10-C28*	<10.0	10.0	08/03/2022	ND	252	126	200	2.49	
EXT DRO >C28-C36	<10.0	10.0	08/03/2022	ND					
Surrogate: 1-Chlorooctane	94.2	% 43-149							
Surrogate: 1-Chlorooctadecane	87.9	% 42.5-16.	1						

Analyzed By: JH/

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

ENSOLUM, LLC BEAUX JENNINGS 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 07/29/2022 Reported: 08/04/2022

LOST TANK 4 FED. # 0009

Project Name: LOST TANK 4 F
Project Number: 03B1417052
Project Location: EDDY COUNTY

Sampling Date: 07/29/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: WEST 0-.5' (H223364-02)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2022	ND	2.02	101	2.00	1.87	
Toluene*	<0.050	0.050	08/03/2022	ND	2.08	104	2.00	2.56	
Ethylbenzene*	<0.050	0.050	08/03/2022	ND	2.10	105	2.00	2.22	
Total Xylenes*	<0.150	0.150	08/03/2022	ND	6.35	106	6.00	3.11	
Total BTEX	<0.300	0.300	08/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.1	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/02/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2022	ND	243	121	200	1.83	
DRO >C10-C28*	<10.0	10.0	08/03/2022	ND	252	126	200	2.49	
EXT DRO >C28-C36	<10.0	10.0	08/03/2022	ND					
Surrogate: 1-Chlorooctane	93.7	% 43-149)						
Surrogate: 1-Chlorooctadecane	87.6	% 42.5-16	1						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

ENSOLUM, LLC BEAUX JENNINGS 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 07/29/2022 Reported: 08/04/2022

Project Name: LOST TANK 4 FED. # 0009

Project Number: 03B1417052

Project Location: EDDY COUNTY

Sampling Date: 07/29/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: EAST 0-.5' (H223364-03)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2022	ND	2.02	101	2.00	1.87	
Toluene*	<0.050	0.050	08/03/2022	ND	2.08	104	2.00	2.56	
Ethylbenzene*	<0.050	0.050	08/03/2022	ND	2.10	105	2.00	2.22	
Total Xylenes*	<0.150	0.150	08/03/2022	ND	6.35	106	6.00	3.11	
Total BTEX	<0.300	0.300	08/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	08/02/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2022	ND	243	121	200	1.83	
DRO >C10-C28*	2400	10.0	08/03/2022	ND	252	126	200	2.49	
EXT DRO >C28-C36	<10.0	10.0	08/03/2022	ND					
Surrogate: 1-Chlorooctane	98.3	% 43-149)						
Surrogate: 1-Chlorooctadecane	173	% 42.5-16	1						

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Celey D. Keene



Analytical Results For:

ENSOLUM, LLC BEAUX JENNINGS 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 07/29/2022 Reported: 08/04/2022

08/04/2022

Project Name: LOST TANK 4 FED. # 0009 Project Number: 03B1417052

Project Location: EDDY COUNTY

Sampling Date: 07/29/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SOUTH 0-.5' (H223364-04)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2022	ND	2.02	101	2.00	1.87	
Toluene*	<0.050	0.050	08/03/2022	ND	2.08	104	2.00	2.56	
Ethylbenzene*	<0.050	0.050	08/03/2022	ND	2.10	105	2.00	2.22	
Total Xylenes*	<0.150	0.150	08/03/2022	ND	6.35	106	6.00	3.11	
Total BTEX	<0.300	0.300	08/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.4	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/02/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2022	ND	243	121	200	1.83	
DRO >C10-C28*	<10.0	10.0	08/03/2022	ND	252	126	200	2.49	
EXT DRO >C28-C36	<10.0	10.0	08/03/2022	ND					
Surrogate: 1-Chlorooctane	95.3	% 43-149)						
Surrogate: 1-Chlorooctadecane	90.9	% 42.5-16	1						

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Analytical Results For:

ENSOLUM, LLC **BEAUX JENNINGS** 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 07/29/2022 Reported: 08/04/2022

LOST TANK 4 FED. # 0009

Project Name: Project Number: 03B1417052 Project Location: **EDDY COUNTY**

Sampling Date: 07/29/2022

Sampling Type: Soil Sampling Condition:

Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: SP - 1 0-1' (H223364-05)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2022	ND	2.02	101	2.00	1.87	
Toluene*	<0.050	0.050	08/03/2022	ND	2.08	104	2.00	2.56	
Ethylbenzene*	<0.050	0.050	08/03/2022	ND	2.10	105	2.00	2.22	
Total Xylenes*	<0.150	0.150	08/03/2022	ND	6.35	106	6.00	3.11	
Total BTEX	<0.300	0.300	08/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.0 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	15200	16.0	08/02/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2022	ND	211	106	200	3.29	
DRO >C10-C28*	94.0	10.0	08/02/2022	ND	221	111	200	3.14	
EXT DRO >C28-C36	28.0	10.0	08/02/2022	ND					
Surrogate: 1-Chlorooctane	72.3 9	% 43-149)						
Surrogate: 1-Chlorooctadecane	87.2 9	% 42.5-16	1						

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



07/29/2022

Cool & Intact

Tamara Oldaker

Soil

Sampling Date:

Sampling Type:

Sampling Condition:

Sample Received By:

Analytical Results For:

ENSOLUM, LLC **BEAUX JENNINGS** 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 07/29/2022 Reported: 08/04/2022

Project Name: LOST TANK 4 FED. # 0009

Project Number: 03B1417052 Project Location: **EDDY COUNTY**

Sample ID: SP - 2 0-1' (H223364-06)

mg/kg		Analyzed By: JH/						
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	08/03/2022	ND	2.02	101	2.00	1.87	
<0.050	0.050	08/03/2022	ND	2.08	104	2.00	2.56	
<0.050	0.050	08/03/2022	ND	2.10	105	2.00	2.22	
<0.150	0.150	08/03/2022	ND	6.35	106	6.00	3.11	
<0.300	0.300	08/03/2022	ND					
	Result <0.050 <0.050 <0.050 <0.150	Result Reporting Limit <0.050 0.050 <0.050 0.050 <0.050 0.050 <0.050 0.150	Result Reporting Limit Analyzed <0.050 0.050 08/03/2022 <0.050 0.050 08/03/2022 <0.050 0.050 08/03/2022 <0.050 0.150 08/03/2022	Result Reporting Limit Analyzed Method Blank <0.050	Result Reporting Limit Analyzed Method Blank BS <0.050	Result Reporting Limit Analyzed Method Blank BS % Recovery <0.050	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC <0.050	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD <0.050

Surrogate: 4-Bromofluorobenzene (PID 93.1 % 69.9-140

Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6000	16.0	08/02/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2022	ND	211	106	200	3.29	
DRO >C10-C28*	<10.0	10.0	08/02/2022	ND	221	111	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	08/02/2022	ND					

Surrogate: 1-Chlorooctane 86.7 % 43-149 Surrogate: 1-Chlorooctadecane 99.4 % 42.5-161

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Celey D. Keene



Analytical Results For:

ENSOLUM, LLC BEAUX JENNINGS 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 07/29/2022 Reported: 08/04/2022

LOST TANK 4 FED. # 0009

Project Name: LOST TANK 4
Project Number: 03B1417052

Project Location: EDDY COUNTY

Sampling Date: 07/29/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SP - 1 1-2' (H223364-07)

BTEX 8021B	mg,	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2022	ND	2.02	101	2.00	1.87	
Toluene*	<0.050	0.050	08/03/2022	ND	2.08	104	2.00	2.56	
Ethylbenzene*	<0.050	0.050	08/03/2022	ND	2.10	105	2.00	2.22	
Total Xylenes*	<0.150	0.150	08/03/2022	ND	6.35	106	6.00	3.11	
Total BTEX	<0.300	0.300	08/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	14000	16.0	08/02/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2022	ND	211	106	200	3.29	
DRO >C10-C28*	81.1	10.0	08/02/2022	ND	221	111	200	3.14	
EXT DRO >C28-C36	21.8	10.0	08/02/2022	ND					
Surrogate: 1-Chlorooctane	87.4	% 43-149)						
Surrogate: 1-Chlorooctadecane	103	% 42.5-16	1						

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Celeg D. Frene



Analytical Results For:

ENSOLUM, LLC BEAUX JENNINGS 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 07/29/2022 Reported: 08/04/2022

Project Name: LOST TANK 4 FED. # 0009

Project Number: 03B1417052

Project Location: EDDY COUNTY

Sampling Date: 07/29/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SP - 2 1-2' (H223364-08)

BTEX 8021B	mg	/kg	Analyze	ed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2022	ND	2.02	101	2.00	1.87	
Toluene*	<0.050	0.050	08/03/2022	ND	2.08	104	2.00	2.56	
Ethylbenzene*	<0.050	0.050	08/03/2022	ND	2.10	105	2.00	2.22	
Total Xylenes*	<0.150	0.150	08/03/2022	ND	6.35	106	6.00	3.11	
Total BTEX	<0.300	0.300	08/03/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.5	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9000	16.0	08/02/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2022	ND	211	106	200	3.29	
DRO >C10-C28*	<10.0	10.0	08/02/2022	ND	221	111	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	08/02/2022	ND					
Surrogate: 1-Chlorooctane	86.9	% 43-149)						
Surrogate: 1-Chlorooctadecane	100	% 42.5-16	1						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

ENSOLUM, LLC BEAUX JENNINGS 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 07/29/2022 Reported: 08/04/2022

Project Name: LOST TANK 4 FED. # 0009

Project Number: 03B1417052

Project Location: EDDY COUNTY

Sampling Date: 07/29/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SP - 1 2-3' (H223364-09)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2022	ND	1.92	96.0	2.00	9.82	
Toluene*	<0.050	0.050	08/02/2022	ND	2.01	100	2.00	9.43	
Ethylbenzene*	<0.050	0.050	08/02/2022	ND	2.00	100	2.00	9.37	
Total Xylenes*	<0.150	0.150	08/02/2022	ND	6.10	102	6.00	8.83	
Total BTEX	<0.300	0.300	08/02/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 69.9-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2680	16.0	08/02/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2022	ND	211	106	200	3.29	
DRO >C10-C28*	84.8	10.0	08/02/2022	ND	221	111	200	3.14	
EXT DRO >C28-C36	17.4	10.0	08/02/2022	ND					
Surrogate: 1-Chlorooctane	83.0	% 43-149)						
Surrogate: 1-Chlorooctadecane	100	% 42.5-16	1						

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Analytical Results For:

ENSOLUM, LLC **BEAUX JENNINGS** 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 07/29/2022 Reported: 08/04/2022

LOST TANK 4 FED. # 0009

Project Name: Project Number: 03B1417052 **EDDY COUNTY**

Project Location:

RTFY 8021R

Sampling Date: 07/29/2022

Sampling Type: Soil Sampling Condition:

Sample Received By:

Cool & Intact Tamara Oldaker

Sample ID: SP - 2 2-3' (H223364-10)

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2022	ND	1.92	96.0	2.00	9.82	
Toluene*	<0.050	0.050	08/02/2022	ND	2.01	100	2.00	9.43	
Ethylbenzene*	<0.050	0.050	08/02/2022	ND	2.00	100	2.00	9.37	
Total Xylenes*	<0.150	0.150	08/02/2022	ND	6.10	102	6.00	8.83	
Total BTEX	<0.300	0.300	08/02/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	08/02/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2022	ND	211	106	200	3.29	
DRO >C10-C28*	<10.0	10.0	08/02/2022	ND	221	111	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	08/02/2022	ND					
Surrogate: 1-Chlorooctane	82.7	% 43-149	1						
Surrogate: 1-Chlorooctadecane	93.5	% 42.5-16	1						

Applyzod By: 14

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Celey D. Keine



Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celeg D. Freene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



01 East Mariand, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

	, LLC		BILL TO		ANALYSIS REQUEST
Froject manager: Beaux	Sennings	-	P.O. #:		
60 -	st. Site 400	0	Company:		
city: Midland	State: X	Zip: 7970 A	Attn:		
Phone #: (210) 219-4858	58 Fax #:	>	Address:		
Project #: 0381417052	Project Owner:	0	City:		
Project Name: LOST TornK	4 Ed. #0009		State: Zip:		
Project Location: Eddy (ounty		Phone #:		
Sampler Name: Samon tha	Mackenine	7	Fax #:	B	
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING	15	
nopelari kalifuyan		RS TER		80 80%	37
Lab I.D. Sample I.D.		DGE	D/BASE:	PH STEX Nor:do	127/22
H223364		# CO	ACID	T B	
North	0-,6'	6 - X	BINK	0837 X X X	0
<	0-,5	X		0843 X X X	ami
	0-,5'	X	2 shalf X	×	
4000	0-,5		22/10/14 X	×	
	20-1	*	7000 24 BUC 3	× × × × × ×	
	D-2'	× ;	5101 2M2 K X	×	
8 50-2	0-2'	e ·	WALK X	X	
9 50-1		6 X	22 Holis	1050 X X X	
10 50-7	2-3	8	7	XXX 14501	
T-LEASE MUTE: Leading and Jurniages Calorian's salarity and client's exclusive remoty for any claim arising whether based in contract or lort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for includental or consequential damages, including whole the including white services are interruptions, loss of use, or loss of profits incurred by client, its subsidiaries,	ind client's exclusive remedy for any o other cause whatsoever shall be dee consequental damages, including will	gas. Cardinal's laudity and client's exclusive remoty for any claim arising whether based in contract or for, shall be de- for negligence and any offer cause whatsoever shall be deemed waived unless made in writing and received by Cardi Sable for incidental or consequential damages, including without firmitation, busivess interruptions, loss of use, or loss	or itert, shall be limited to the armount paid by the client for the of received by Cardinal within 30 days after completion of the loss of use, or loss of profits incurred by client, its subsidiaries loss of use, or loss of profits incurred by client, its subsidiaries	armount paid by the client for the 20 days after completion of the applicable coursed by client, its subsidiaries.	
Relinquished By:	Date: 9/29/22	Received, By:	2011	Verbal Result: Yes No Add'l Phone #: All Results are emailed Please provide Email address:	o Add'I Phone #:
Relinquished By:		Munta a	Makel	REMARKS:	TO THE PARTY OF TH
	Time:				
Delivered By: (Circle One)	Observed Temp. °C S,C	Sample	CHECKED BY:	Turnaround Time: Standard	Bacteria (only) S
Sampler - UPS - Bus - Other:	Corrected Temp. °C 4.4	Yes Tyes	1000	Thermometer ID #113 Correction Factor -0.5°C TO 7/29/22	Yes Yes Observed Temp. ℃ No No Corrected-Temp. ℃



APPENDIX F

C-141

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

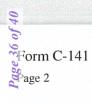
Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

Incident ID	nAPP2219337009
District RP	
Facility ID	
Application ID	

Release Notification

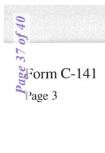
Responsible Party

				OC	GRID: 16696
Contact Na	ne: Wade Di	ttrich		Co	ntact Telephone: 575-390-2828
Contact em	ail: wade_dit	trich@oxy.com		Inc	ident # (assigned by OCD)
Contact ma	ling address:	PO Box 4294, H	ouston, TX 77210)	
			Location	ı of Relea	se Source
atitude 32.	42112		(NAD 83 in d		itude <u>-103.78030</u> 5 decimal places)
Site Name: I	ost Tank 4 F	Fed. #0009		Site	Type: Well Pad
Date Release	Discovered	: 7/4/2022		API	‡ (if applicable)
Unit Letter	Section	Township	Range		County
G	4	22S	31E	Eddy	
Surface Own	er: State	☐ Federal ☐ T			
	Materia	ıl(s) Released (Select a	Nature an	d Volum	e of Release specific justification for the volumes provided below)
Crude O	Materia i l	ıl(s) Released (Select a	Nature an all that apply and attaced (bbls): 3	d Volum	specific justification for the volumes provided below) Volume Recovered (bbls): 0
Surface Own	Materia i l	Volume Released	Nature an all that apply and attaced (bbls): 3 ed (bbls): 12	d Volume	volume Recovered (bbls): 0 Volume Recovered (bbls): 0
Crude O	Materia i l	Volume Released Volume Released Volume Released	Nature an all that apply and attaced (bbls): 3 ed (bbls): 12 tion of dissolved	d Volume	volume Recovered (bbls): 0 Volume Recovered (bbls): 0
Crude O	Materia il I Water	Volume Released	Nature an all that apply and attace ed (bbls): 3 ed (bbls): 12 attion of dissolved >10,000 mg/l?	d Volume	volume Recovered (bbls): 0 Volume Recovered (bbls): 0
☑ Crude O	Materia il 1 Water ate	Volume Released Volume Release Volume Release Is the concentra produced water	Nature an all that apply and attace ed (bbls): 3 ed (bbls): 12 tion of dissolved >10,000 mg/l? ed (bbls)	d Volume	volume Recovered (bbls): 0 Volume Recovered (bbls): 0 Volume Recovered (bbls): 0 Volume Recovered (bbls): 0
Crude O	Materia il 1 Water ate Gas	Volume Released Is the concentral produced water Volume Release Volume Release Volume Release Volume Release	Nature an all that apply and attace ed (bbls): 3 ed (bbls): 12 tion of dissolved >10,000 mg/l? ed (bbls)	d Volume	Volume Recovered (bbls): 0 Volume Recovered (bbls): 0 Volume Recovered (bbls): 0 E Yes No Volume Recovered (bbls)
Crude O Produced Condens Natural O	Materia il I Water ate Gas escribe)	Volume Released Volume Released Is the concentra produced water Volume Released Volume Released Volume Released	Nature and that apply and attacked (bbls): 3 ed (bbls): 12 tion of dissolved >10,000 mg/l? ed (bbls) ed (Mcf) t Released (provided)	d Volume	Volume Recovered (bbls): 0 Volume Recovered (bbls): 0 Volume Recovered (bbls): 0 Volume Recovered (bbls): 0 Volume Recovered (bbls) Volume Recovered (bbls) Volume Recovered (Mcf)
Crude O Produced Condens Natural O	Materia il I Water ate Gas escribe)	Volume Released Is the concentral produced water Volume Release Volume Release Volume Release Volume Release	Nature and that apply and attacked (bbls): 3 ed (bbls): 12 tion of dissolved >10,000 mg/l? ed (bbls) ed (Mcf) t Released (provided)	d Volume	Volume Recovered (bbls): 0 Volume Recovered (bbls): 0 Volume Recovered (bbls): 0 Volume Recovered (bbls): 0 Volume Recovered (bbls) Volume Recovered (bbls) Volume Recovered (Mcf)
Crude O Produced Condens Natural O	Materia il I Water ate Gas escribe)	Volume Released Volume Released Is the concentra produced water Volume Released Volume Released Volume Released	Nature and that apply and attacked (bbls): 3 ed (bbls): 12 tion of dissolved >10,000 mg/l? ed (bbls) ed (Mcf) t Released (provided)	d Volume	Volume Recovered (bbls): 0 Volume Recovered (bbls): 0 Volume Recovered (bbls): 0 Volume Recovered (bbls): 0 Volume Recovered (bbls) Volume Recovered (bbls) Volume Recovered (Mcf)



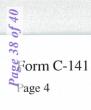
Incident ID	nAPP2219337009
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does	s the responsible party consider this a major release?	
☐ Yes ⊠ No			
If YES, was immediate n	otice given to the OCD? By who	om? To whom? When and by what means (phone, email, etc)?	
	Iı	nitial Response	
The responsible	party must undertake the following action	ns immediately unless they could create a safety hazard that would result in injury	
☐ The source of the relation	ease has been stopped.		
	as been secured to protect human	health and the environment.	
Released materials h	ave been contained via the use of	berms or dikes, absorbent pads, or other containment devices.	
All free liquids and r	ecoverable materials have been re	emoved and managed appropriately.	
If all the actions describe	d above have <u>not</u> been undertake	n, explain why:	
has begun, please attach	a narrative of actions to date. If	ommence remediation immediately after discovery of a release. If remedial efforts have been successfully completed or if the release of NMAC), please attach all information needed for closure evaluation.	ediat
regulations all operators are public health or the environ- failed to adequately investig	required to report and/or file certain ment. The acceptance of a C-141 rep gate and remediate contamination that	plete to the best of my knowledge and understand that pursuant to OCD rules a release notifications and perform corrective actions for releases which may encort by the OCD does not relieve the operator of liability should their operation t pose a threat to groundwater, surface water, human health or the environment operator of responsibility for compliance with any other federal, state, or local	dange is hav t. In
Printed Name: Wade Ditt	<u>trich</u>	Title: Environmental Specialist	
Signature:	e flittes	Date: 7-12-22	
email: wade_dittrich@ox	<u>y.com</u>	Telephone: <u>575-390-2828</u>	
OCD Only			
Received by:		Date:	



Incident ID	nAPP2219337009
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Facility ID	
Application ID	

Site Assessment/Characterization This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release?	N/A (ft bgs
Did this release impact groundwater or surface water?	☐ Yes ⊠ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ⊠ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ⊠ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ⊠ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ⊠ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ⊠ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ⊠ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ⊠ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ⊠ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ⊠ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ⊠ No
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ⊠ No
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and v contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.	ertical extents of so
<u>Characterization Report Checklist</u> : Each of the following items must be included in the report.	
Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring with Field data	ells.
 ✓ Data table of soil contaminant concentration data ✓ Depth to water determination 	
D. D. J.	AM
Photographs including date and GIS information	12:24
 ☒ Topographic/Aerial maps ☒ Laboratory data including chain of custody 	/2022 9:42:24 AM
Boring or excavation logs Photographs including date and GIS information Topographic/Aerial maps Laboratory data including chain of custody Of the site characterization report does not include completed efforts at remediation of the release, the report must include a complete of the release	0/202
and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are c 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.	ased to In
	Rele

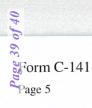


Incident ID	nAPP2219337009
District RP	
Facility ID	
Application ID	

Released to Imaging: 9/30/2022 9:42:24 AM

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.

Printed Name: Wade Dittrich Signature: wade_dittrich@oxy.com	Title: Environmental Specialist Date: 3-15-72 Telephone: 575-390-2828
OCD Only Received by: Jocelyn Harimon	Date:08/15/2022



Incident ID	nAPP2219337009
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Remediation Plan

Remediation Plan Checklist: Each of the following items must be included in the plan.	
Remediation Fran Checknist. Each of the following tiems must be included in the plan.	
Detailed description of proposed remediation technique	
Scaled sitemap with GPS coordinates showing delineation points Estimated volume of material to be remediated	
 ☑ Estimated volume of material to be remediated ☑ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC 	
☐ Closure Criteria is to Table 1 specifications subject to 19.13.29.12(C)(4) NMAC ☐ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)	
Z Proposed senedate for remediation (note in remediation plan amenic is more than 50 days 005 approval is required)	
<u>Deferral Requests Only</u> : Each of the following items must be confirmed as part of any request for deferral of remediation.	
Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.	у
Extents of contamination must be fully delineated.	
Contamination does not cause an imminent risk to human health, the environment, or groundwater.	
I haraby cartify that the information given above is true and complete to the best of my knowledge and understand that	'D
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OC rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for rele	
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responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: Wade Dittrich Title: Environmental Specialist	
Signature: Wale delle Date: 8-15-22	
Signature: Date: Date:	
email: wade_dittrich@oxy.com Telephone: 575-390-2828	
OCD Only	-
Received by:	
☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved	
Signature: Openilon, Nobili, Date: 09/30/2022	
Signature: Jennifer Nobili Date: 09/30/2022	
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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

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 134058

CONDITIONS

Operator:	OGRID:
OXY USA INC	16696
P.O. Box 4294	Action Number:
Houston, TX 772104294	134058
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Remediation Plan Approved with Conditions. Please make sure the floor confirmation samples are delineated/excavated to meet closure criteria standards for proven depth to water determination. Sidewall samples should be delineated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release.	9/30/2022