

**December 29, 2022** 

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

Re: Remediation Work Plan

North Corridor WPF 32.247° N, 103.787° W Eddy County, New Mexico Incident ID: nAPP2227954604 Ensolum Project No. 03B1417062

Dear Mr. Dittrich:

Ensolum, LLC. (Ensolum) has prepared this Remediation Work Plan to perform environmental consulting services in the vicinity of the North Corridor WPF, referred to hereinafter as the "Site." The Site is located off Louis Whitlock Rd and an unnamed caliche road, approximately 17 miles east of Malaga in Eddy County, New Mexico.

#### I. SITE DESCRIPTION & BACKGROUND

Operator:	Oxy USA Inc. (Oxy)
Site Name:	North Corridor WPF
Location:	32.247° N, 103.787° 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 E, Section 4, Township 24 South, Range 31 East, in Eddy County, New Mexico (32.247° N, 103.787° W) and is associated with oil and gas exploration and production operations on BLM Federal Land.

On October 4, 2022, a release of produced water was reported from internal corrosion on a transfer pump. Approximately 165 barrels (bbls) of produced water were released with 160 bbls recovered. Oxy reported the release to the NMOCD and BLM through email notification on October 5, 2022. The release was assigned Incident Number nAPP2227954604.

On October 26, 2022, Ensolum arrived on-Site and collected a total of 20 composite pothole soil samples from five locations (PH-1 and PH-5), four from each pothole location at one-foot intervals down to a depth of four feet below ground surface (bgs), within the release area. Additionally, four delineation composite soil samples (BG-1 through BG-4) were collected from a depth of 0 - 0.25 feet bgs to determine the horizontal and vertical extent of the release.

Mr. Wade Dittrich
Remediation Work Plan
North Corridor WPF

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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	Method	Limit
groundwater less	Constituent	Method	LITTIIC
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	
	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 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.

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.



Mr. Wade Dittrich Remediation Work Plan North Corridor WPF

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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 PH-2, PH-3 and PH-5 will be excavated down to one to four feet bgs.

At this time, an estimated 60 cubic yards (cy) will be excavated from 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 600 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.

#### 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.



Mr. Wade Dittrich Remediation Work Plan North Corridor WPF

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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 Jennings
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

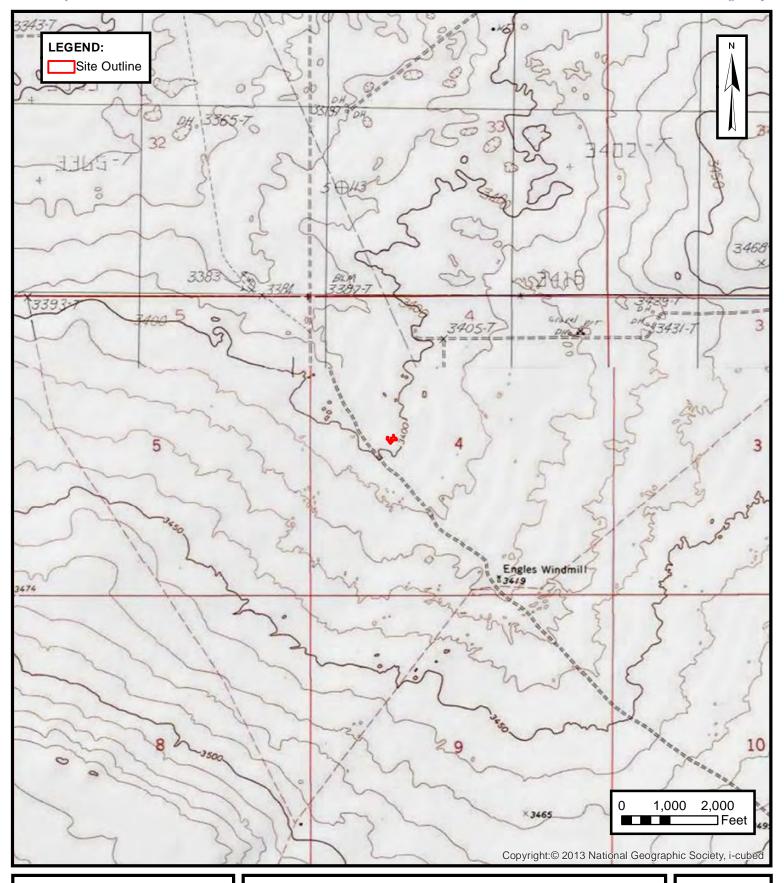
Attachment E – Laboratory Report & Chain-of-Custody Documentation

Attachment F - C-141



ATTACHMENT A

Figures





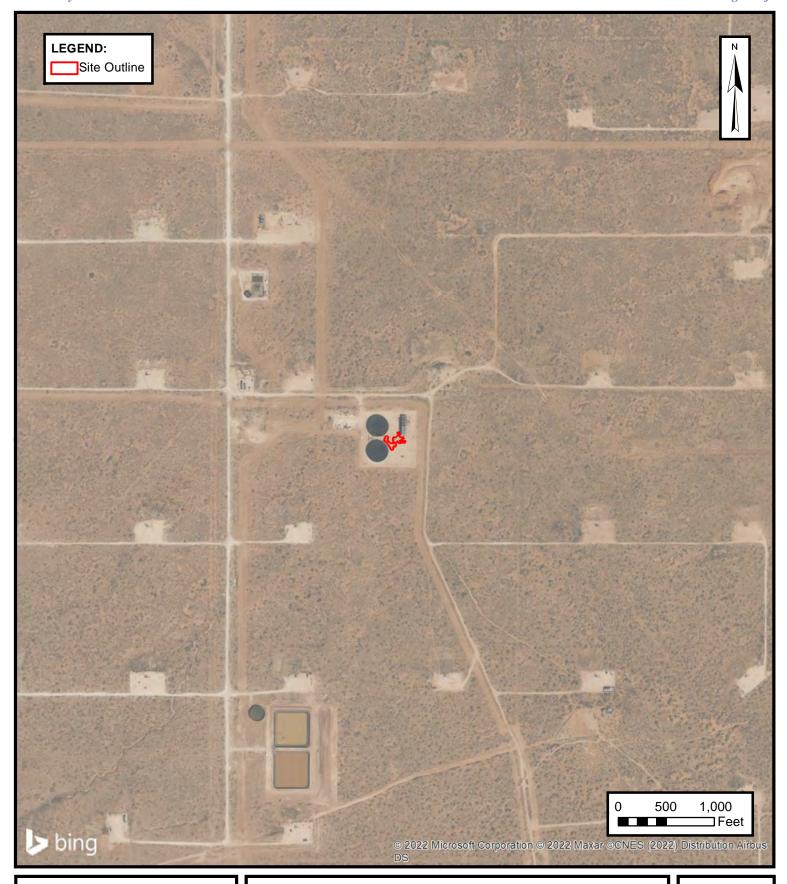
#### **TOPOGRAPHIC MAP**

OXY USA INC. NORTH CORRIDOR WPF Eddy County, New Mexico 32.247° N, 103.787° W

PROJECT NUMBER: 03B1417062

**FIGURE** 

1





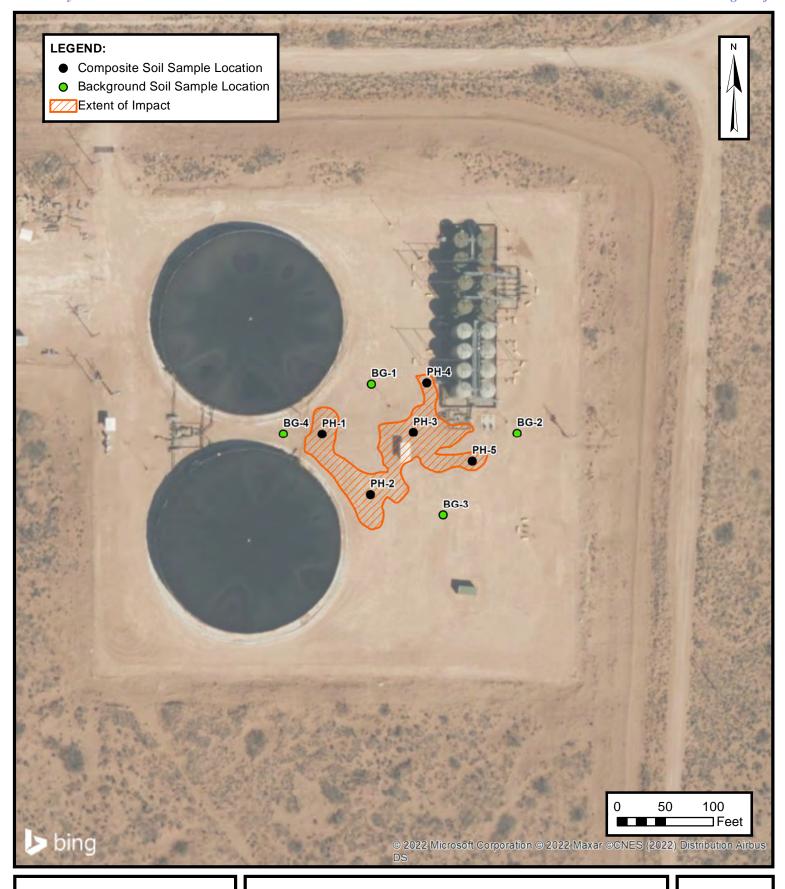
#### SITE VICINITY MAP

OXY USA INC. NORTH CORRIDOR WPF Eddy County, New Mexico 32.247° N, 103.787° W

PROJECT NUMBER: 03B1417062

**FIGURE** 

2





#### **SITE MAP**

OXY USA INC. NORTH CORRIDOR WPF Eddy County, New Mexico 32.247° N, 103.787° W

PROJECT NUMBER: 03B1417062

**FIGURE** 

3



ATTACHMENT B

**Supporting Documentation** 

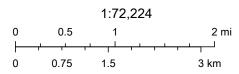
## Active Mines in New Mexico



12/23/2022, 9:28:04 AM

### Registered Mines

- Aggregate, Stone etc.
- Aggregate, Stone etc.



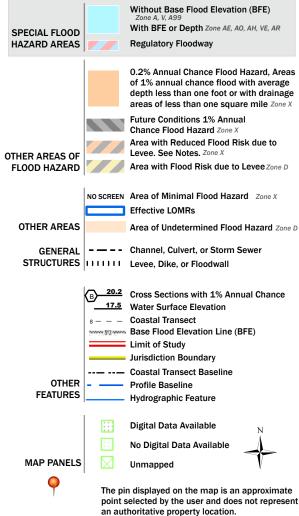
Esri, HERE, Garmin, Earthstar Geographics

# National Flood Hazard Layer FIRMette





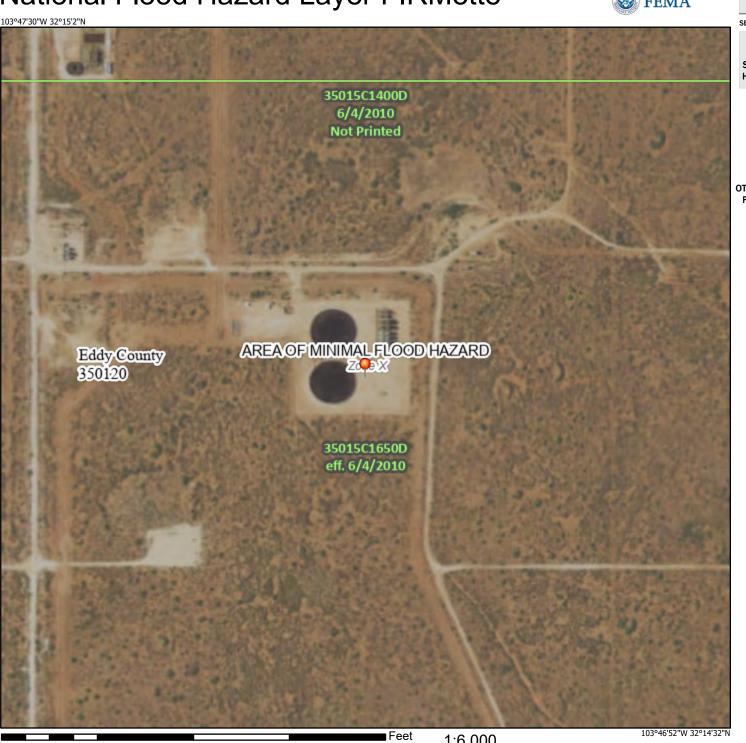
SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT



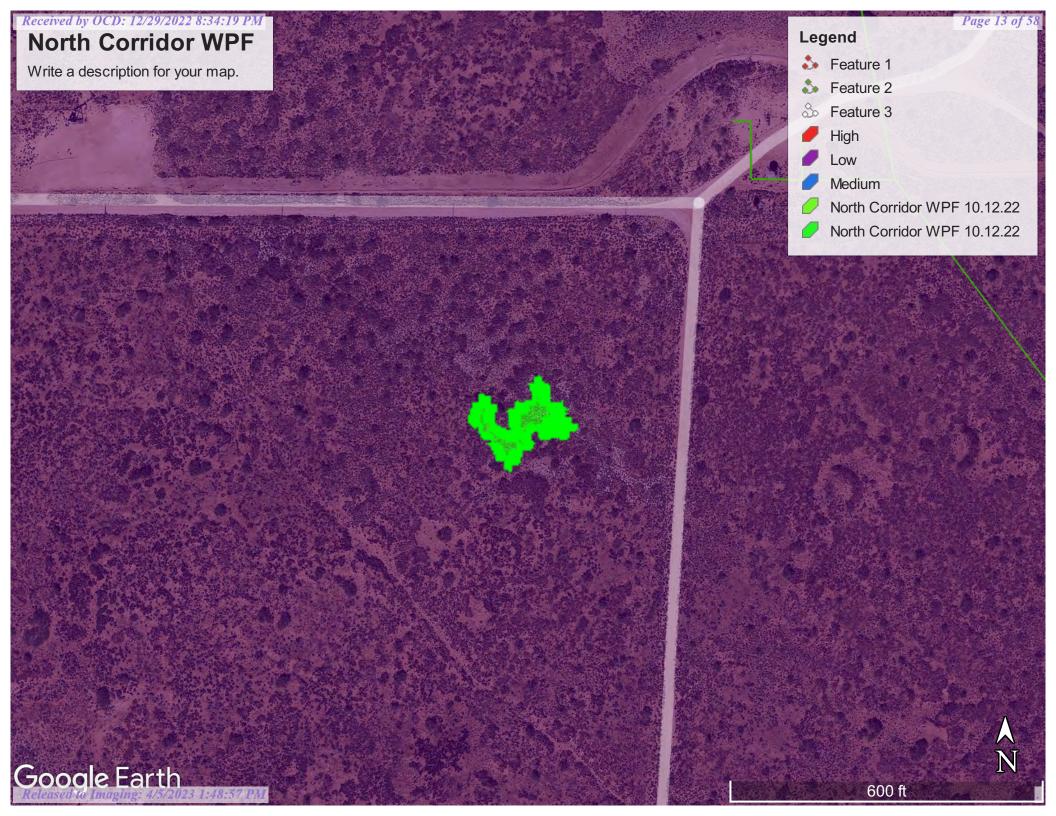
This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 12/23/2022 at 10:30 AM 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

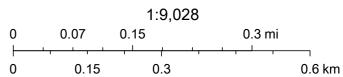


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# OSE POD Locations Map







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



### Wetlands Mapper



December 23, 2022

#### Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

Freshwater Pond

Lake

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.



### ATTACHMENT C

Photographic Documentation



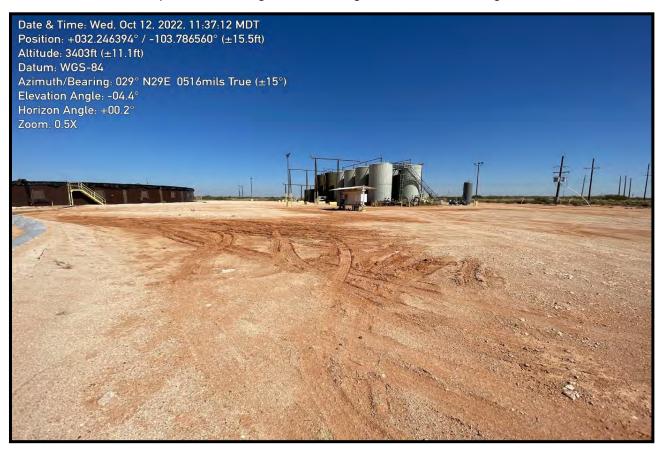
View of release point and impact area during intitial investigation activities, facing northwest.



View of impact area during intitial investigation activities, facing southeast.



View of impact area during intitial investigation activities, facing northwest.



View of impact area during intitial investigation activities, facing northeast.



### ATTACHMENT D

Table 1 - Soil Sample Analytical Results



## TABLE 1 SOIL SAMPLE ANALYTICAL RESULTS

North Corridor WPF Oxy USA Inc. Eddy County, New Mexico Ensolum Project No. 03B1417062

Sample Designation	Date	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)
New Mexico Oil Criteria for Soil			10	NE	NE	NE	50	NE	NE	NE	100	600
Pothole Soil Sample Analytical Results												
		0 - 1	< 0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	80.0
PH-1	10/26/2022	1 - 2	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
FII-I	10/20/2022	2 - 3	< 0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
		3 - 4	< 0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
		0 - 1	< 0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	3,920
PH-2	10/26/2022	1 - 2	< 0.050	< 0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	920
F11-2	10/20/2022	2 - 3	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	480
		3 - 4	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	848
		0 - 1	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	3,360
PH-3	10/26/2022	1 - 2	< 0.050	< 0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	384
F11-3	10/20/2022	2 - 3	< 0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96.0
		3 - 4	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	128
		0 - 1	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	128
PH-4	10/26/2022	1 - 2	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	16.0
PП-4	10/26/2022	2 - 3	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
		3 - 4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
		0 - 1	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	2,080
PH-5	10/26/2022	1 - 2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	128
Fn-5	10/20/2022	2 - 3	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
		3 - 4	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	112
					Backgroun	d Sample Analy	tical Results					
BG-1	10/26/2022	0 - 0.25	< 0.050	< 0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<16.0
BG-2	10/26/2022	0 - 0.25	< 0.050	< 0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<16.0
BG-3	10/26/2022	0 - 0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
BG-4	10/26/2022	0 - 0.25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0

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



November 01, 2022

**BEAUX JENNINGS** 

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: NORTH CORRIDOR WPF

Enclosed are the results of analyses for samples received by the laboratory on 10/26/22 14:03.

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> 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: 10/26/2022 Reported: 11/01/2022

Project Name: NORTH CORRIDOR WPF

Project Number: 03B1417062

Project Location: OXY - EDDY CO., NM

Sampling Date: 10/26/2022

Sampling Type: Soil

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

#### Sample ID: PH 1 0-1' (H225048-01)

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	10/31/2022	ND	1.96	98.0	2.00	5.86	
Toluene*	<0.050	0.050	10/31/2022	ND	2.11	106	2.00	3.93	
Ethylbenzene*	<0.050	0.050	10/31/2022	ND	2.06	103	2.00	2.48	
Total Xylenes*	<0.150	0.150	10/31/2022	ND	6.25	104	6.00	2.68	
Total BTEX	<0.300	0.300	10/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.7	% 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	80.0	16.0	10/28/2022	ND	416	104	400	3.92	
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	10/30/2022	ND	189	94.6	200	1.69	
DRO >C10-C28*	<10.0	10.0	10/30/2022	ND	194	97.0	200	1.73	
EXT DRO >C28-C36	<10.0	10.0	10/30/2022	ND					
Surrogate: 1-Chlorooctane	106	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	124	% 46.3-17	8						

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: 10/26/2022 Reported: 11/01/2022

Project Name: NORTH CORRIDOR WPF

ma/ka

Project Number: 03B1417062

Project Location: OXY - EDDY CO., NM

Sampling Date: 10/26/2022

Sampling Type: Soil

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

#### Sample ID: PH 1 1-2' (H225048-02)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/31/2022	ND	1.96	98.0	2.00	5.86	
Toluene*	<0.050	0.050	10/31/2022	ND	2.11	106	2.00	3.93	
Ethylbenzene*	<0.050	0.050	10/31/2022	ND	2.06	103	2.00	2.48	
Total Xylenes*	<0.150	0.150	10/31/2022	ND	6.25	104	6.00	2.68	
Total BTEX	<0.300	0.300	10/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/28/2022	ND	416	104	400	3.92	
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	10/30/2022	ND	189	94.6	200	1.69	
DRO >C10-C28*	<10.0	10.0	10/30/2022	ND	194	97.0	200	1.73	
EXT DRO >C28-C36	<10.0	10.0	10/30/2022	ND					
Surrogate: 1-Chlorooctane	101	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	116	% 46.3-17	8						

Applyzod By: 14

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



#### Analytical Results For:

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

Received: 10/26/2022 Reported: 11/01/2022

Project Name: NORTH CORRIDOR WPF

ma/ka

Project Number: 03B1417062

Project Location: OXY - EDDY CO., NM

Sampling Date: 10/26/2022

Sampling Type: Soil

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

#### Sample ID: PH 1 2-3' (H225048-03)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/31/2022	ND	1.96	98.0	2.00	5.86	
Toluene*	<0.050	0.050	10/31/2022	ND	2.11	106	2.00	3.93	
Ethylbenzene*	<0.050	0.050	10/31/2022	ND	2.06	103	2.00	2.48	
Total Xylenes*	<0.150	0.150	10/31/2022	ND	6.25	104	6.00	2.68	
Total BTEX	<0.300	0.300	10/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.1	% 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	16.0	16.0	10/28/2022	ND	416	104	400	3.92	
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	10/30/2022	ND	189	94.6	200	1.69	
DRO >C10-C28*	<10.0	10.0	10/30/2022	ND	194	97.0	200	1.73	
EXT DRO >C28-C36	<10.0	10.0	10/30/2022	ND					
Surrogate: 1-Chlorooctane	99.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	113	% 46.3-17	8						

Applyzod By: 14

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#### Analytical Results For:

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

Received: 10/26/2022 Reported: 11/01/2022

Project Name: NORTH CORRIDOR WPF

ma/ka

Project Number: 03B1417062

Project Location: OXY - EDDY CO., NM

Sampling Date: 10/26/2022

Sampling Type: Soil

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

#### Sample ID: PH 1 3-4' (H225048-04)

RTFY 8021R

B1EX 8021B	mg,	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/31/2022	ND	1.96	98.0	2.00	5.86	
Toluene*	<0.050	0.050	10/31/2022	ND	2.11	106	2.00	3.93	
Ethylbenzene*	<0.050	0.050	10/31/2022	ND	2.06	103	2.00	2.48	
Total Xylenes*	<0.150	0.150	10/31/2022	ND	6.25	104	6.00	2.68	
Total BTEX	<0.300	0.300	10/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/28/2022	ND	416	104	400	3.92	
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	10/30/2022	ND	189	94.6	200	1.69	
DRO >C10-C28*	<10.0	10.0	10/30/2022	ND	194	97.0	200	1.73	
EXT DRO >C28-C36	<10.0	10.0	10/30/2022	ND					
Surrogate: 1-Chlorooctane	109	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	124	% 46.3-17	8						

Applyzod By: 14

Cardinal Laboratories \*=Accredited Analyte

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#### Analytical Results For:

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

Received: 10/26/2022 Reported: 11/01/2022

Project Name: NORTH CORRIDOR WPF

Project Number: 03B1417062

Project Location: OXY - EDDY CO., NM

Sampling Date: 10/26/2022

Sampling Type: Soil

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

#### Sample ID: PH 2 0-1' (H225048-05)

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	10/31/2022	ND	1.96	98.0	2.00	5.86	
Toluene*	<0.050	0.050	10/31/2022	ND	2.11	106	2.00	3.93	
Ethylbenzene*	<0.050	0.050	10/31/2022	ND	2.06	103	2.00	2.48	
Total Xylenes*	<0.150	0.150	10/31/2022	ND	6.25	104	6.00	2.68	
Total BTEX	<0.300	0.300	10/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.7	% 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	3920	16.0	10/28/2022	ND	416	104	400	3.92	
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	10/30/2022	ND	189	94.6	200	1.69	
DRO >C10-C28*	<10.0	10.0	10/30/2022	ND	194	97.0	200	1.73	
EXT DRO >C28-C36	<10.0	10.0	10/30/2022	ND					
Surrogate: 1-Chlorooctane	105	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	121	% 46.3-17	8						

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#### Analytical Results For:

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

Received: 10/26/2022 Reported: 11/01/2022

Project Name: NORTH CORRIDOR WPF

mg/kg

Project Number: 03B1417062

Project Location: OXY - EDDY CO., NM

Sampling Date: 10/26/2022

Sampling Type: Soil

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

#### Sample ID: PH 2 1-2' (H225048-06)

BTEX 8021B

DILX OUZID	ıııg,	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/31/2022	ND	1.96	98.0	2.00	5.86	
Toluene*	<0.050	0.050	10/31/2022	ND	2.11	106	2.00	3.93	
Ethylbenzene*	<0.050	0.050	10/31/2022	ND	2.06	103	2.00	2.48	
Total Xylenes*	<0.150	0.150	10/31/2022	ND	6.25	104	6.00	2.68	
Total BTEX	<0.300	0.300	10/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.6	% 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	920	16.0	10/28/2022	ND	416	104	400	3.92	
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	10/30/2022	ND	189	94.6	200	1.69	
DRO >C10-C28*	<10.0	10.0	10/30/2022	ND	194	97.0	200	1.73	
EXT DRO >C28-C36	<10.0	10.0	10/30/2022	ND					
Surrogate: 1-Chlorooctane	106	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	126	% 46.3-17	8						

Analyzed By: JH

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#### Analytical Results For:

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

Received: 10/26/2022 Reported: 11/01/2022

NORTH CORRIDOR WPF

Project Name: NORTH CORI Project Number: 03B1417062

Project Location: OXY - EDDY CO., NM

Sampling Date: 10/26/2022

Sampling Type: Soil

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

#### Sample ID: PH 2 2-3' (H225048-07)

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	10/31/2022	ND	1.96	98.0	2.00	5.86	
Toluene*	<0.050	0.050	10/31/2022	ND	2.11	106	2.00	3.93	
Ethylbenzene*	<0.050	0.050	10/31/2022	ND	2.06	103	2.00	2.48	
Total Xylenes*	<0.150	0.150	10/31/2022	ND	6.25	104	6.00	2.68	
Total BTEX	<0.300	0.300	10/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.1	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	10/28/2022	ND	416	104	400	3.92	
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	10/31/2022	ND	189	94.6	200	1.69	
DRO >C10-C28*	<10.0	10.0	10/31/2022	ND	194	97.0	200	1.73	
EXT DRO >C28-C36	<10.0	10.0	10/31/2022	ND					
Surrogate: 1-Chlorooctane	102	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	122	% 46.3-17	8						

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#### Analytical Results For:

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

Received: 10/26/2022 Reported: 11/01/2022

Project Name: NORTH CORRIDOR WPF

Project Number: 03B1417062

Project Location: OXY - EDDY CO., NM

Sampling Date: 10/26/2022

Sampling Type: Soil

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

#### Sample ID: PH 2 3-4' (H225048-08)

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	10/31/2022	ND	1.96	98.0	2.00	5.86	
Toluene*	<0.050	0.050	10/31/2022	ND	2.11	106	2.00	3.93	
Ethylbenzene*	<0.050	0.050	10/31/2022	ND	2.06	103	2.00	2.48	
Total Xylenes*	<0.150	0.150	10/31/2022	ND	6.25	104	6.00	2.68	
Total BTEX	<0.300	0.300	10/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.5	% 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	848	16.0	10/28/2022	ND	416	104	400	3.92	
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	10/31/2022	ND	189	94.6	200	1.69	
DRO >C10-C28*	<10.0	10.0	10/31/2022	ND	194	97.0	200	1.73	
EXT DRO >C28-C36	<10.0	10.0	10/31/2022	ND					
Surrogate: 1-Chlorooctane	104	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	125	% 46.3-17	8						

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#### Analytical Results For:

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

Received: 10/26/2022 Reported: 11/01/2022

Project Name: NORTH CORRIDOR WPF

Project Number: 03B1417062

Project Location: OXY - EDDY CO., NM

Sampling Date: 10/26/2022

Sampling Type: Soil

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

#### Sample ID: PH 3 0-1' (H225048-09)

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	10/31/2022	ND	1.96	98.0	2.00	5.86	
Toluene*	<0.050	0.050	10/31/2022	ND	2.11	106	2.00	3.93	
Ethylbenzene*	<0.050	0.050	10/31/2022	ND	2.06	103	2.00	2.48	
Total Xylenes*	<0.150	0.150	10/31/2022	ND	6.25	104	6.00	2.68	
Total BTEX	<0.300	0.300	10/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.4	% 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	3360	16.0	10/28/2022	ND	416	104	400	3.92	
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	10/31/2022	ND	189	94.3	200	0.867	
DRO >C10-C28*	<10.0	10.0	10/31/2022	ND	189	94.5	200	4.05	
EXT DRO >C28-C36	<10.0	10.0	10/31/2022	ND					
Surrogate: 1-Chlorooctane	100	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	117	% 46.3-17	8						

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Celey D. Keine



#### Analytical Results For:

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

Received: 10/26/2022 Reported: 11/01/2022

NORTH CORRIDOR WPF

Project Name: NORTH CORI Project Number: 03B1417062

Project Location: OXY - EDDY CO., NM

Sampling Date: 10/26/2022

Sampling Type: Soil

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

#### Sample ID: PH 3 1-2' (H225048-10)

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	10/31/2022	ND	1.96	98.0	2.00	5.86	
Toluene*	<0.050	0.050	10/31/2022	ND	2.11	106	2.00	3.93	
Ethylbenzene*	<0.050	0.050	10/31/2022	ND	2.06	103	2.00	2.48	
Total Xylenes*	<0.150	0.150	10/31/2022	ND	6.25	104	6.00	2.68	
Total BTEX	<0.300	0.300	10/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.6	% 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	384	16.0	10/28/2022	ND	416	104	400	3.92	
TPH 8015M	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	10/31/2022	ND	189	94.3	200	0.867	
DRO >C10-C28*	<10.0	10.0	10/31/2022	ND	189	94.5	200	4.05	
EXT DRO >C28-C36	<10.0	10.0	10/31/2022	ND					
Surrogate: 1-Chlorooctane	105	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	124	% 46.3-17	8						

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Celey D. Keine



#### Analytical Results For:

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

Received: 10/26/2022 Reported: 11/01/2022

NORTH CORRIDOR WPF

Project Name: Project Number: 03B1417062

Project Location: OXY - EDDY CO., NM Sampling Date: 10/26/2022

Sampling Type: Soil

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

#### Sample ID: PH 3 2-3' (H225048-11)

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	10/31/2022	ND	1.96	98.0	2.00	5.86	
Toluene*	<0.050	0.050	10/31/2022	ND	2.11	106	2.00	3.93	
Ethylbenzene*	<0.050	0.050	10/31/2022	ND	2.06	103	2.00	2.48	
Total Xylenes*	<0.150	0.150	10/31/2022	ND	6.25	104	6.00	2.68	
Total BTEX	<0.300	0.300	10/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.6	% 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	96.0	16.0	10/28/2022	ND	416	104	400	3.92	
TPH 8015M	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	10/31/2022	ND	189	94.3	200	0.867	
DRO >C10-C28*	<10.0	10.0	10/31/2022	ND	189	94.5	200	4.05	
EXT DRO >C28-C36	<10.0	10.0	10/31/2022	ND					
Surrogate: 1-Chlorooctane	99.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	115 9	6 46.3-17	8						

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#### Analytical Results For:

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

Received: 10/26/2022 Reported: 11/01/2022

Project Name: NORTH CORRIDOR WPF

Project Number: 03B1417062

Project Location: OXY - EDDY CO., NM Sampling Date: 10/26/2022

Sampling Type: Soil

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

#### Sample ID: PH 3 3-4' (H225048-12)

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	10/31/2022	ND	1.96	98.0	2.00	5.86	
Toluene*	<0.050	0.050	10/31/2022	ND	2.11	106	2.00	3.93	
Ethylbenzene*	<0.050	0.050	10/31/2022	ND	2.06	103	2.00	2.48	
Total Xylenes*	<0.150	0.150	10/31/2022	ND	6.25	104	6.00	2.68	
Total BTEX	<0.300	0.300	10/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.3	% 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	128	16.0	10/28/2022	ND	416	104	400	3.92	
TPH 8015M	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	10/31/2022	ND	189	94.3	200	0.867	
DRO >C10-C28*	<10.0	10.0	10/31/2022	ND	189	94.5	200	4.05	
EXT DRO >C28-C36	<10.0	10.0	10/31/2022	ND					
Surrogate: 1-Chlorooctane	94.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	111 9	6 46.3-17	8						

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#### Analytical Results For:

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

Received: 10/26/2022 Reported: 11/01/2022

Project Name: NORTH CORRIDOR WPF

03B1417062

Project Location: OXY - EDDY CO., NM

Sampling Date: 10/26/2022

Sampling Type: Soil

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

#### Sample ID: PH 4 0-1' (H225048-13)

Project Number:

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	10/31/2022	ND	1.96	98.0	2.00	5.86	
Toluene*	<0.050	0.050	10/31/2022	ND	2.11	106	2.00	3.93	
Ethylbenzene*	<0.050	0.050	10/31/2022	ND	2.06	103	2.00	2.48	
Total Xylenes*	<0.150	0.150	10/31/2022	ND	6.25	104	6.00	2.68	
Total BTEX	<0.300	0.300	10/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.1	% 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	128	16.0	10/28/2022	ND	416	104	400	3.92	
TPH 8015M	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	10/31/2022	ND	189	94.3	200	0.867	
DRO >C10-C28*	<10.0	10.0	10/31/2022	ND	189	94.5	200	4.05	
EXT DRO >C28-C36	<10.0	10.0	10/31/2022	ND					
Surrogate: 1-Chlorooctane	101	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	117	% 46.3-17	8						

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#### Analytical Results For:

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

Received: 10/26/2022 Reported: 11/01/2022

NORTH CORRIDOR WPF

Project Name: Project Number: 03B1417062

Project Location: OXY - EDDY CO., NM Sampling Date: 10/26/2022

Sampling Type: Soil

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

#### Sample ID: PH 4 1-2' (H225048-14)

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	10/31/2022	ND	1.96	98.0	2.00	5.86	
Toluene*	<0.050	0.050	10/31/2022	ND	2.11	106	2.00	3.93	
Ethylbenzene*	<0.050	0.050	10/31/2022	ND	2.06	103	2.00	2.48	
Total Xylenes*	<0.150	0.150	10/31/2022	ND	6.25	104	6.00	2.68	
Total BTEX	<0.300	0.300	10/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.1	% 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	16.0	16.0	10/28/2022	ND	416	104	400	3.92	
TPH 8015M	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	10/31/2022	ND	189	94.3	200	0.867	
DRO >C10-C28*	<10.0	10.0	10/31/2022	ND	189	94.5	200	4.05	
EXT DRO >C28-C36	<10.0	10.0	10/31/2022	ND					
Surrogate: 1-Chlorooctane	97.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	115 9	6 46.3-17	8						

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### Analytical Results For:

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

Received: 10/26/2022 Reported: 11/01/2022

Project Name: NORTH CORRIDOR WPF

ma/ka

Project Number: 03B1417062

Project Location: OXY - EDDY CO., NM

Sampling Date: 10/26/2022

Sampling Type: Soil

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

### Sample ID: PH 4 2-3' (H225048-15)

RTFY 8021R

BIEX 8021B	mg	/ <b>kg</b>	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/31/2022	ND	1.96	98.0	2.00	5.86	
Toluene*	<0.050	0.050	10/31/2022	ND	2.11	106	2.00	3.93	
Ethylbenzene*	<0.050	0.050	10/31/2022	ND	2.06	103	2.00	2.48	
Total Xylenes*	<0.150	0.150	10/31/2022	ND	6.25	104	6.00	2.68	
Total BTEX	<0.300	0.300	10/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	87.8	% 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	16.0	16.0	10/28/2022	ND	416	104	400	3.92	
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	10/31/2022	ND	189	94.3	200	0.867	
DRO >C10-C28*	<10.0	10.0	10/31/2022	ND	189	94.5	200	4.05	
EXT DRO >C28-C36	<10.0	10.0	10/31/2022	ND					
Surrogate: 1-Chlorooctane	99.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	117	% 46.3-17	8						

Applyzod By: 14

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### Analytical Results For:

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

Received: 10/26/2022 Reported: 11/01/2022

NORTH CORRIDOR WPF

Project Name: NORTH CORI Project Number: 03B1417062

Project Location: OXY - EDDY CO., NM

Sampling Date: 10/26/2022

Sampling Type: Soil

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

### Sample ID: PH 4 3-4' (H225048-16)

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	10/31/2022	ND	1.96	98.0	2.00	5.86	
Toluene*	<0.050	0.050	10/31/2022	ND	2.11	106	2.00	3.93	
Ethylbenzene*	<0.050	0.050	10/31/2022	ND	2.06	103	2.00	2.48	
Total Xylenes*	<0.150	0.150	10/31/2022	ND	6.25	104	6.00	2.68	
Total BTEX	<0.300	0.300	10/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.4	% 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	32.0	16.0	10/28/2022	ND	416	104	400	3.92	
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	10/31/2022	ND	189	94.3	200	0.867	
DRO >C10-C28*	<10.0	10.0	10/31/2022	ND	189	94.5	200	4.05	
EXT DRO >C28-C36	<10.0	10.0	10/31/2022	ND					
Surrogate: 1-Chlorooctane	103	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	124	% 46.3-17	8						

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### Analytical Results For:

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

Received: 10/26/2022 Reported: 11/01/2022

Project Name: NORTH CORRIDOR WPF

Project Number: 03B1417062

Project Location: OXY - EDDY CO., NM Sampling Date: 10/26/2022

Sampling Type: Soil

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

### Sample ID: PH 5 0-1' (H225048-17)

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	10/31/2022	ND	1.96	98.0	2.00	5.86	
Toluene*	<0.050	0.050	10/31/2022	ND	2.11	106	2.00	3.93	
Ethylbenzene*	<0.050	0.050	10/31/2022	ND	2.06	103	2.00	2.48	
Total Xylenes*	<0.150	0.150	10/31/2022	ND	6.25	104	6.00	2.68	
Total BTEX	<0.300	0.300	10/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	86.6	% 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	2080	16.0	10/28/2022	ND	432	108	400	3.64	QM-07
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	10/31/2022	ND	189	94.3	200	0.867	
DRO >C10-C28*	<10.0	10.0	10/31/2022	ND	189	94.5	200	4.05	
EXT DRO >C28-C36	<10.0	10.0	10/31/2022	ND					
Surrogate: 1-Chlorooctane	100 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	117 9	6 46.3-17	8						

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### Analytical Results For:

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

Received: 10/26/2022 Reported: 11/01/2022

Project Name: NORTH CORRIDOR WPF

Project Number: 03B1417062

Project Location: OXY - EDDY CO., NM

Sampling Date: 10/26/2022

Sampling Type: Soil

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

### Sample ID: PH 5 1-2' (H225048-18)

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	10/31/2022	ND	1.97	98.3	2.00	6.10	
Toluene*	<0.050	0.050	10/31/2022	ND	2.10	105	2.00	5.03	
Ethylbenzene*	<0.050	0.050	10/31/2022	ND	2.04	102	2.00	5.19	
Total Xylenes*	<0.150	0.150	10/31/2022	ND	6.19	103	6.00	4.83	
Total BTEX	<0.300	0.300	10/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	86.9	% 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	128	16.0	10/28/2022	ND	432	108	400	3.64	
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	10/31/2022	ND	189	94.3	200	0.867	
DRO >C10-C28*	<10.0	10.0	10/31/2022	ND	189	94.5	200	4.05	
EXT DRO >C28-C36	<10.0	10.0	10/31/2022	ND					
Surrogate: 1-Chlorooctane	141	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	173	% 46.3-17	8						

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### Analytical Results For:

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

Received: 10/26/2022 Reported: 11/01/2022

Project Name: NORTH CORRIDOR WPF

Project Number: 03B1417062

Project Location: OXY - EDDY CO., NM

Sampling Date: 10/26/2022

Sampling Type: Soil

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

### Sample ID: PH 5 2-3' (H225048-19)

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	10/31/2022	ND	1.97	98.3	2.00	6.10	
Toluene*	<0.050	0.050	10/31/2022	ND	2.10	105	2.00	5.03	
Ethylbenzene*	< 0.050	0.050	10/31/2022	ND	2.04	102	2.00	5.19	
Total Xylenes*	<0.150	0.150	10/31/2022	ND	6.19	103	6.00	4.83	
Total BTEX	<0.300	0.300	10/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.6	% 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	10/28/2022	ND	432	108	400	3.64	
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	11/01/2022	ND	189	94.3	200	0.867	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	189	94.5	200	4.05	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					
Surrogate: 1-Chlorooctane	90.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	108	% 46.3-17	78						

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### Analytical Results For:

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

Received: 10/26/2022 Reported: 11/01/2022

NORTH CORRIDOR WPF

Project Name: Project Number: 03B1417062

Project Location: OXY - EDDY CO., NM Sampling Date: 10/26/2022

Sampling Type: Soil

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

### Sample ID: PH 5 3-4' (H225048-20)

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	10/31/2022	ND	1.97	98.3	2.00	6.10	
Toluene*	<0.050	0.050	10/31/2022	ND	2.10	105	2.00	5.03	
Ethylbenzene*	<0.050	0.050	10/31/2022	ND	2.04	102	2.00	5.19	
Total Xylenes*	<0.150	0.150	10/31/2022	ND	6.19	103	6.00	4.83	
Total BTEX	<0.300	0.300	10/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.2	% 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	112	16.0	10/28/2022	ND	432	108	400	3.64	
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	11/01/2022	ND	189	94.3	200	0.867	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	189	94.5	200	4.05	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					
Surrogate: 1-Chlorooctane	98.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	113 9	6 46.3-17	8						

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keene



### Analytical Results For:

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

Received: 10/26/2022 Reported: 11/01/2022

NORTH CORRIDOR WPF

Project Name: NORTH CORI Project Number: 03B1417062

Project Location: OXY - EDDY CO., NM

Sampling Date: 10/26/2022

Sampling Type: Soil

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

### Sample ID: BG - 1 0-.25' (H225048-21)

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	10/31/2022	ND	1.97	98.3	2.00	6.10	
Toluene*	<0.050	0.050	10/31/2022	ND	2.10	105	2.00	5.03	
Ethylbenzene*	<0.050	0.050	10/31/2022	ND	2.04	102	2.00	5.19	
Total Xylenes*	<0.150	0.150	10/31/2022	ND	6.19	103	6.00	4.83	
Total BTEX	<0.300	0.300	10/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	88.8	% 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	<16.0	16.0	10/28/2022	ND	432	108	400	3.64	
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	10/31/2022	ND	189	94.3	200	0.867	
DRO >C10-C28*	<10.0	10.0	10/31/2022	ND	189	94.5	200	4.05	
EXT DRO >C28-C36	<10.0	10.0	10/31/2022	ND					
Surrogate: 1-Chlorooctane	128	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	152	% 46.3-17	8						

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Celey D. Keene



### Analytical Results For:

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

Received: 10/26/2022 Reported: 11/01/2022

Project Name: NORTH CORRIDOR WPF

Project Number: NORTH CORF

Project Location: OXY - EDDY CO., NM

Sampling Date: 10/26/2022

Sampling Type: Soil

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

### Sample ID: BG - 2 0-.25' (H225048-22)

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	10/31/2022	ND	1.97	98.3	2.00	6.10	
Toluene*	<0.050	0.050	10/31/2022	ND	2.10	105	2.00	5.03	
Ethylbenzene*	<0.050	0.050	10/31/2022	ND	2.04	102	2.00	5.19	
Total Xylenes*	<0.150	0.150	10/31/2022	ND	6.19	103	6.00	4.83	
Total BTEX	<0.300	0.300	10/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	86.7	% 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	<16.0	16.0	10/28/2022	ND	432	108	400	3.64	
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	10/31/2022	ND	189	94.3	200	0.867	
DRO >C10-C28*	<10.0	10.0	10/31/2022	ND	189	94.5	200	4.05	
EXT DRO >C28-C36	<10.0	10.0	10/31/2022	ND					
Surrogate: 1-Chlorooctane	139	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	170	% 46.3-17	78						

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Celey D. Keine



### Analytical Results For:

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

Received: 10/26/2022 Reported: 11/01/2022

Project Name: NORTH CORRIDOR WPF

Project Number: 03B1417062

Project Location: OXY - EDDY CO., NM

Sampling Date: 10/26/2022

Sampling Type: Soil

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

### Sample ID: BG - 3 0-.25' (H225048-23)

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	10/31/2022	ND	1.97	98.3	2.00	6.10	
Toluene*	<0.050	0.050	10/31/2022	ND	2.10	105	2.00	5.03	
Ethylbenzene*	<0.050	0.050	10/31/2022	ND	2.04	102	2.00	5.19	
Total Xylenes*	<0.150	0.150	10/31/2022	ND	6.19	103	6.00	4.83	
Total BTEX	<0.300	0.300	10/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.9	% 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	32.0	16.0	10/28/2022	ND	432	108	400	3.64	
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	11/01/2022	ND	189	94.3	200	0.867	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	189	94.5	200	4.05	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					
Surrogate: 1-Chlorooctane	99.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	116	% 46.3-17	78						

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Celey D. Keine



### Analytical Results For:

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

Received: 10/26/2022 Reported: 11/01/2022

NORTH CORRIDOR WPF

Project Name: NORTH CORF Project Number: 03B1417062

Project Location: OXY - EDDY CO., NM

Sampling Date: 10/26/2022

Sampling Type: Soil

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

### Sample ID: BG - 4 0-.25' (H225048-24)

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	10/31/2022	ND	1.97	98.3	2.00	6.10	
Toluene*	<0.050	0.050	10/31/2022	ND	2.10	105	2.00	5.03	
Ethylbenzene*	<0.050	0.050	10/31/2022	ND	2.04	102	2.00	5.19	
Total Xylenes*	<0.150	0.150	10/31/2022	ND	6.19	103	6.00	4.83	
Total BTEX	<0.300	0.300	10/31/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.0	% 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	<16.0	16.0	10/28/2022	ND	432	108	400	3.64	
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	11/01/2022	ND	189	94.3	200	0.867	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	189	94.5	200	4.05	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					
Surrogate: 1-Chlorooctane	98.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	114 9	% 46.3-17	8						

### Cardinal Laboratories

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



### **Notes and Definitions**

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

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



# 101 East Marland, Hobbs, NM 88240

	(575) 393-2326 FAX (575) 393-2476	AX (575) 393-24	76							1
Company Name:	- 1			BILL TO	9			ANALYSIS	ISIS REQUEST	1
Project Manager:		58.		P.O. #:				_		
Address: 601	a	400		Company: Oxy USA,	, Inc.			_		
City: Midland		State: TX	Zip: 79701	Attn: Wade Dittrich		_		_		
Phone #: 432-23	-230-3344	Fax #:		Address:			_	_		
Project #: 038	5301141880	Project Owner:		City:			2	_		
Project Name:	Mark Com	for whi		State: Zip:		-	00			
Project Location:	113	7,		Phone #: 575-390-2828	2828	,	5			
Sampler Name:				Fax #:			51			
FOR LAB USE ONLY			MATRIX	ESERV.	SAMPLING					
Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	OTHER:		1777	11/1			
	DH!	0-1	_	22.72-01 8	1511 22	×	×			П
2	PH1.	2-1	C - K	*	1136	×	×			
w	140	2-3	C ' ×	Х	1138	X	*			
4	140	3-4	× .	×	+	X	×			
Λ-	2419	0-1	× .	ĸ	-	X	1			
e	240	2-1	~ ~	Х	1146	X	×			+
7	2 HG	2-3	5 - 5	X	8411	10	-			+
<i>∞</i> 7	240	3-4	C - x	X	100150	-	+			+
9	DH3	0-1	-	×	2-0242	XX	XX			+
PLEASE NOTE: Liability a analyses. All claims includ service. In no event shall C	nd Damages. Cardinal's liability and ing those for negligence and any of ardinal be liable for incidental or co	d client's exclusive remedy for a hor cause whatsoever shall be an equental damages, includin	ny claim arising whether based in con deemed waived unless made in writing g without limitation, business interrupt	UPLEASE NOTE: Lability 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 the client for the present of the property of the client for the deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable 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 analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived in writing and received by Cardinal within 30 days after completion of the applicable.	nt paid by the client for the se after completion of the a d by client, its subsidiaries	applicable				
Relinguished By:	ors arising out of or related to the performa	Date: 10-26-22 Time: 16-26-22	Received By:	ceived By:	Verbal Result: C All Results are ema BJennings@enso	ult:  are emails @ensolu	Verbal Result: ☐ Yes ☐ No Add'I Phone #: All Results are emailed. Please provide Email address: BJennings@ensolum.com	Add'I P	Add'l Phone #: de Email address:	
Relinquished By:	, W	Date:	Received By:	· · · · · · · · · · · · · · · · · · ·	REMARKS:					
Delivered By: 10	(Circle One)	On arrand Tamps °C	Sample Condition	ndition CHECKED BY:	: Turnaround Time:	Time:	Standard	Þ	Sacteria (only) Sa	
	IDDICTOR OF CARE	BATVAG TEMB							Observed Tomp	

Corrected Temp. °C

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



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

Campanu Mama			ľ	l	ı	ı	ı	ł	ı	L	L	ı																		
Company Maile.	Ensolum, LLC										_	BIL	11 70					A	ANALYSIS	7	Sis		ñ	REQUEST	S	7				- 1
Project Manager:	Beaux J	comings						T	P.O.	*								4					$\dashv$		$\dashv$		$\dashv$		$\dashv$	_
Address: 601	601 N. Marienfeld St. STE 400	E 400						0	Company:	pa	Ŋ.		Oxy USA, Inc.	ic.				_					_		_					
City: Midland		State: TX	Zip:	: 79701	=			D	Attn:		Wa	de	Wade Dittrich					_					_		_					
Phone #: 43 2	2-230-3344	9 Fax #:						A	Address:	S9	S							_					_		_					
Project #: 033141706	1417062	Project Owner:		XXC				C	City:									_												
Project Name:	North Con	ide Wit	1					co	State:	**		.	Zip:				0	_					_		_					
Project Location:	Eddy Co	Um						ס	Phone #:	9	**	57	575-390-2828	8	27	6	0	_							_					
Sampler Name:	Show D.	11m						T	Fax #:	**					-,	212		_					_							
FOR LAB USE ONLY			P.		3	MATRIX	×	1	T	ᆜ찚	PRESERV	?	SAMPLING	LING	015	302							_							
Lab I.D.	Sample I.D.	Sample Depth (feet)	)RAB OR (C)OMF	CONTAINERS	ASTEWATER	L	UDGE	THER:	CID/BASE:	E/COOL		THER :			TPH BO	BTEX &	Chlorides													
11	PH 3	2-3		(	_		-	_				- 0	10-26-22	1158	×	Κ.	< !	+			4	1	+		+		$\top$		1	_
12	PH 3	3-4	0		×					K	0	-	_	1200	×	A	×.	+					+						$\top$	_
E.	PHY	1-0	0		K					K	-			1206	×	X	K	+			_		+		1					-
14	PH 4	1 - 2	0		×					x	_	-		8021	К	ĸ	ĸ	+					-							-
15	PHH	2-3	0		×					×	7	-	,	210	ĸ	X	<	+			4		+							
16	DH4	3-4	0		×					×	-			212	×	y	×	-			_				$\neg$					
17	1119	0-1	0		R					×	1		,	1218	X	X	4						-							
18	DH 5	1-2	0		K					×		_		02 2	×	K	Κ	-			-									
19	PH 5	2-3	0		×					×	7	-	+	222	×	X	X	+			-		-							
20	PHS	3-4	0		×					×	.,	d	22-92-01	1224	×	×	<	+	4		-		$\forall$							
analyses. All claims including service. In no event shall Card	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's excitaive remody for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the arisings. All claims including those for negligence and any other cause whatsoever shall be deemed washed unless made in writing and received by Cardinal within 30 days after completion of the applicable arising the contract of the completion of the cause whatsoever shall be deemed washed unless made in writing and received by Cardinal within 30 days after completion of the cause what cause which we can be a supported by the client as explicable and the completion of the cause which we have a support of the completion of the completion of the cause which we can be a supported by the client are completed on the cause which we can be a supported by the client are cause which we can be a supported by the client are cause which we can be a supported by the client are cause which we can be a supported by the client of the cause which we can be a supported by the client are cause which we can be a supported by the client are cause which we can be a supported by the client are cause which we can be a supported by the client are cause which we can be a supported by the client are cause which we can be a supported by the client are cause which we can be a supported by the client are cause which we can be a supported by the client are cause which we can be a supported by the client are cause which we can be a supported by the client are cause which we can be a supported by the client are cause which we can be a supported by the client are caused by the clien	dient's exclusive remedy for an er cause whatsoever shall be do resequental damages, including v	y claim a semed w	arising whethe valved unless mitation, busi	r basex made i	in cor milin errupă	ntract ons, I	or tor	wed t	y Ca	imite	d to the	shall be limited to the amount paid by the client for the red by Cardinal within 30 days after completion of the a use. or loss of coeffic incurred by client in subsciscion.	y the client for to empletion of the	he e applicable			ŀ	1	- 1	- 1	- 1	ŀ		ı		Г			
Relinquished By:	ad By:	J		Received By	f: the ther	such o	daim	s bas	ed up	on a	nv of	The at	ed By:	Verbal Result:	sult:	□ Yes	ON O	Ad	Add'l Phone #:	o o	ē #		1							1
Ship	hell	Time; 403		and the same	1	B.	1	110	1111	181	1011	No	9/	All Results are emailed. Please provide Email address: BJennings@ensolum.com	are ema	ailed. dum.c	.com	rovide	Ema	ac	dre	SS								
Relinquished By:		Date: Time:	Rec	Received By:	77			1			\	V	77	REMARKS:	**						- 1									
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Observed Temp. "C	Sico			e Condi	ct diti	9		오	G E	(Initials)	BY:	Turnaround Time:	Time:		Standard Rush		0.0	Bac	teria	Bacteria (on Cool Intact	<b>y</b>	Bacteria (only) Sample Condition Cool Intact Observed Temp.	ample Condition Observed Temp. °C	Con	Ten	np.	റ്	- 1
TORM-000 K	3.2 10/07/21				No	D	No			N	1,	, 0	C	Correction Facto		10	10.10	hu/2			0 8	No No	0 %	S	Corrected Temp. °C	ted	Ter	mp.	ဂိ	1

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

Company Name: En	enfeld St. St. 230	State: TX  Y Fax #:  Project Owner:	Zip:	79701 A C C S S	ade :	Oxy USA, Inc. e Dittrich  Zip: 575-390-2828				ANALYSIS REQ	REQUEST	
Project Name: A Project Location Sampler Name:	2000	1 0		9 S	#	90-2828	M	16	1500			
FOR LAB USE ONLY			IP.	MATRIX	ESERV.	SAMPLING	3013	902	es			
Lab I.D.	Sample I.D.	). Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:	ACID/BASE: ICE / COOL OTHER :	DATE TIME	TPH BO	BTEX 8	Chlorides			
12	36-1	0.25	-	×	X	622 1315	×	×	K			
23	36-2	55.00	00	х х	x x 10-2	10-26-22 1317	× ×	XX	××			
124	86-4	0.25	0	×	2.e/ ×		X	8	×			
		M.A.	0,									
analyses. All claims including service. In no event shall Caro service. In no event shall Caro affiliates or successors arising Relinquished By:	or Juanages. Cardenars subjety and on and those for negligence and any other ardinal be liable for incidental or conso to gould of or related to the performance y.*	and client's exclusive remedy for any other cause whatboever shall be do consequental damages, including mance of services hereunder by Cambridge and the consequents of services hereunder by Cambridge and Cambrid	without lin	Relinquished By:  Date:  Acceleration of the above and any other exclusive tendory of any yearn arising whether based in contract or tort, shall be limited to the amount paid by the client for the arising whether based in contract or tort, shall be limited to the amount paid by the client for the arising service. In one went shall Curdinal be liable for including and or consequently admanges, 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 services hereunder by Curdinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.  Relinquished By:  Received By:	rt, shall be limited to the amo ewed by Cardinal within 30 d of use, or loss of profits incur sed upon any of the above st	ays after completion of the appliance by client, its subsidiaries, tatled reasons or otherwise.  Verbal Result:	pplicabl	□ Yes	ON No	Add'l Phone #:		1
San A	M.	00	Reco	Received By:	Males	All Results are emailed. Ple BJennings@ensolum.com REMARKS:	are em	ailed.	sase prov	nail address:		
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	cle One) sus - Other:	Observed Temp. °C	1.95	Sample Condition Cool Intact Pes Pes No No	CHECKED BY: (Initials)	Turnaround Time: Stand Rush Thermometer ID #113 Correction Factor -0.5.06	Time:	13 5°C6	Standard By Rush	Bacteria (only) (Cool Intact	Bacteria (only) Sample Condition Cool Infact Observed Temp. °C   Yes   Yes   No   No Corrected Temp. °C	

Corrected Temp. °C



ATTACHMENT 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

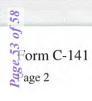
Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

Incident ID	nAPP2227954604
District RP	
Facility ID	
Application ID	

## **Release Notification**

### **Responsible Party**

		sponsible Party: Oxy USA Inc. OGR		21.10070
	Contact Name: Wade Dittrich		Contac	et Telephone: 575-390-2828
Contact email: wade_dittrich@oxy.com			Incider	nt # nAPP2227954604
Contact mailing address	ss: PO Box 4294, H	louston, TX 772	10	
		Locatio	on of Release	Source
atitude <u>32.246737</u>		100 6 60 740 6		e -103.786239
Site Name: North Corri	dor WPF		Site Typ	e: Water Transfer Pump
Date Release Discovered: 10/04/2022		API# (if	API# (if applicable)	
Unit Letter   Section	Township Range		Co	punty
E 4	24S 31E Eddy		Eddy	
Surface Owner:   Stat	e ⊠ Federal 🔲 7		e (Name:	f Release
Mate	rial(s) Released (Select	Nature as	nd Volume of	ific justification for the volumes provided below)
		Nature as	nd Volume of	
Mate	rial(s) Released (Select	Nature and attacked (bbls):	nd Volume of	ific justification for the volumes provided below)
Mate	rial(s) Released (Select Volume Releas Volume Releas Is the concentra	Nature and attacked (bbls):	nd Volume of	Volume Recovered (bbls):
Mate  Crude Oil	rial(s) Released (Select Volume Releas Volume Releas Is the concentra	Nature at all that apply and attacked (bbls): sed (bbls):165 attion of dissolved to >10,000 mg/l?	nd Volume of	Volume Recovered (bbls):  Volume Recovered (bbls):
Mate ☐ Crude Oil ☑ Produced Water	Volume Released Volume Released Volume Released Volume Released Is the concentration	Nature and all that apply and attacked (bbls): sed (bbls):165 attion of dissolved ar >10,000 mg/l? sed (bbls)	nd Volume of	Volume Recovered (bbls):  Volume Recovered (bbls):  Volume Recovered (bbls): 160  Yes No



Incident ID	nAPP2227954604	
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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 the reason Release is greater than 25 barrels.	responsible party consider this a major release?	
⊠ Yes □ No			
		To whom? When and by what means (phone, email, etc)?  1.nm.gov and BLM_NM_CFO_Spill@blm.gov on 10/05/2022	at 0842.
	Initia	l Response	
The responsible	party must undertake the following actions imm	ediately unless they could create a safety hazard that would result in injury	
☐ The source of the rel	ease has been stopped.		
∑ The impacted area has	as been secured to protect human health	and the environment.	
Released materials h	ave been contained via the use of berm	s or dikes, absorbent pads, or other containment devices.	
All free liquids and r	ecoverable materials have been remove	ed and managed appropriately.	
If all the actions describe	d above have <u>not</u> been undertaken, exp	lain why:	
has begun, please attach	a narrative of actions to date. If reme	nce remediation immediately after discovery of a release. If redial efforts have been successfully completed or if the releas AC), please attach all information needed for closure evaluation	se occurr
regulations all operators are public health or the environ failed to adequately investig	required to report and/or file certain releas ment. The acceptance of a C-141 report by ate and remediate contamination that pose	o the best of my knowledge and understand that pursuant to OCD rule e notifications and perform corrective actions for releases which may the OCD does not relieve the operator of liability should their operat a threat to groundwater, surface water, human health or the environment or of responsibility for compliance with any other federal, state, or lo	endanger tions have nent. In
Printed Name: Wade Dit	le Dur	Title: Environmental Specialist	
Signature:	ujem	Date:	
email: wade_dittrich@ox	y.com	Telephone: <u>575-390-2828</u>	
OCD Only			
Received by:Jocely	n Harimon	Date: 12/30/2022	



Incident ID	nAPP2227954604
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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 <b>not</b> 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 vecontamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.  Characterization Report Checklist: 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 we Field data	
<ul> <li>☑ Data table of soil contaminant concentration data</li> <li>☑ Depth to water determination</li> </ul>	
Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release  Boring or excavation logs	N. N. S.
☑ Photographs including date and GIS information	7 P
☐ Topographic/Aerial maps ☐ Laboratory data including chain of custody	I:48:57 PM
	33.1.
of the site characterization report does not include completed efforts at remediation of the release, the report must include a plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed must include the estimated volume of material to be remediated, the proposed remediation technique, proposed must be considered to the construction of the release are considered.	oposed sampling plan

Roceined by OCD: 12/20/2012 8-2



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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	Title: Environmental Specialist
Signature: Wales Lill	Date: 12-29-22
email: wade_dittrich@oxy.com	Telephone: <u>575-390-2828</u>
OCD O-1-	

### OCD Only

Received by: \_\_\_\_\_ Jocelyn Harimon \_\_\_\_\_ Date: \_\_\_12/30/2022



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District RP	
Facility ID	
Application ID	

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## **Remediation Plan**

Remediation Plan Checklist: Each of the following items must be	pe included in the plan.
□ Detailed description of proposed remediation technique	
Scaled sitemap with GPS coordinates showing delineation point	nts
Estimated volume of material to be remediated	
☐ Closure criteria is to Table 1 specifications subject to 19.15.29.	12(C)(4) NMAC
Proposed schedule for remediation (note if remediation plan tin	neline is more than 90 days OCD approval is required)
Deferral Requests Only: Each of the following items must be co.	
Deferral Requests Only: Each of the following tiems must be con	nfirmed as part of any request for deferral of remediation.
Contamination must be in areas immediately under or around p deconstruction.	production equipment where remediation could cause a major facility
Extents of contamination must be fully delineated.	
Contamination does not cause an imminent risk to human healt	h, the environment, or groundwater.
which may endanger public health or the environment. The accepta liability should their operations have failed to adequately investigat surface water, human health or the environment. In addition, OCD responsibility for compliance with any other federal, state, or local	e and remediate contamination that pose a threat to groundwater, acceptance of a C-141 report does not relieve the operator of
Printed Name: Wade Dittrich	Title: Environmental Specialist
Signature: Marketanto	Date: 12-24-22
email: wade_dittrich@oxy.com	Telephone: <u>575-390-2828</u>
OCD Only	
Received by:Jocelyn Harimon	Date: 12/30/2022
Approved Approved with Attached Conditions of	Approval Denied Deferral Approved
Signature:	Date:



Incident ID	nAPP2227954604
District RP	
Facility ID	
Application ID	

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# **Remediation Plan**

	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 Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)				
Deferral Requests Only: Each of the following items must	t be confirmed as part of any request fo	or deferral of remediation.		
Contamination must be in areas immediately under or arc deconstruction.	ound production equipment where reme	ediation could cause a major facility		
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Contamination does not cause an imminent risk to human	n health, the environment, or groundwa	ter.		
rules and regulations all operators are required to report and/o which may endanger public health or the environment. The a liability should their operations have failed to adequately inve	acceptance of a C-141 report by the OC	D does not relieve the operator of		
surface water, human health or the environment. In addition, responsibility for compliance with any other federal, state, or	OCD acceptance of a C-141 report doe	nat pose a threat to groundwater, es not relieve the operator of		
surface water, human health or the environment. In addition, responsibility for compliance with any other federal, state, or Printed Name: Wade Dittrich	OCD acceptance of a C-141 report doe	es not relieve the operator of		
surface water, human health or the environment. In addition, responsibility for compliance with any other federal, state, or Printed Name: Wade Dittrich	OCD acceptance of a C-141 report doclocal laws and/or regulations.	es not relieve the operator of		
surface water, human health or the environment. In addition, responsibility for compliance with any other federal, state, or Printed Name: Wade Dittrich	OCD acceptance of a C-141 report doclocal laws and/or regulations.  Title: Environmental Special	es not relieve the operator of		
surface water, human health or the environment. In addition, responsibility for compliance with any other federal, state, or Printed Name: Wade Dittrich Signature:	OCD acceptance of a C-141 report doclocal laws and/or regulations.  Title: Environmental Special  Date: 12-24-22	es not relieve the operator of		
Printed Name: Wade Dittrich Signature: Wade dittrich@oxy.com	OCD acceptance of a C-141 report doclocal laws and/or regulations.  Title: Environmental Special  Date: 12-24-22	es not relieve the operator of		
Printed Name: Wade Dittrich Signature: Wade dittrich@oxy.com	OCD acceptance of a C-141 report doclocal laws and/or regulations.  Title: Environmental Special  Date: /2-24-22  Telephone: 575-390-2828  Date: 12/30/2022	es not relieve the operator of		

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 171248

### **CONDITIONS**

Operator:	OGRID:
OXY USA INC	16696
P.O. Box 4294	Action Number:
Houston, TX 772104294	171248
	Action Type:
	[C-141] Release Corrective Action (C-141)

### CONDITIONS

Created By	Condition	Condition Date
rhamlet	The Remediation Plan is Conditionally Approved. All samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. Floor confirmation samples should be delineated/excavated to meet closure criteria standards for site assessment/characterization/proven depth to water determination. Sidewall samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. The variance for 600 ft2 confirmation composite soil samples is denied. Confirmation samples should be collected every 200 ft2. With respect to the borehole, if water is not visible after reaching bottom-hole and waiting 72 hours, the OCD will accept this as evidence. We would just need a copy of the driller's log. The work will need to occur in 90 days after the work plan has been approved.	4/5/2023