From: Harimon, Jocelyn, EMNRD
To: wade dittrich@oxy.com

Subject: Regarding application ID 131482 incident NAPP2215134499 SUNDANCE-SDS 11-1 SWD/BAT

Date: Friday, November 18, 2022 3:13:00 PM

To whom it may concern,

Regarding application ID 131482 incident NAPP2215134499 SUNDANCE-SDS 11-1 SWD/BAT.

We have received your Workplan/Remediation Proposal for <u>NAPP2215134499 SUNDANCE-SDS 11-1 SWD/BAT</u>, thank you. This Workplan/Remediation proposal is approved with the following conditions:

- If evidence of depth to ground water within a ½ mile radius of the site cannot be provided, impacted soils will need to meet Table 1 Closure Criteria for ground water at a depth of 50 feet or less.
- Please continue to <u>horizontally delineate</u> the spill to 600 mg/kg for chlorides and TPH to 100 mg/kg and include sample points in your next report after closure criteria limits have been met. <u>Surface sample points</u> and <u>sidewalls</u> on the edge of the release need to be delineated to 600 mg/kg for chlorides and 100 mg/kg for TPH for the spill to be horizontally delineated.
- Please collect more confirmation samples, representing no more than 200 square feet. Alternately, without division approval, the responsible party may elect to perform a composite and grab sample plan of the remediated area where each composite sample is not representative of more than 200 square feet 19.15.29.12D(1)(c).

JH

Jocelyn Harimon ● Environmental Specialist Environmental Bureau EMNRD - Oil Conservation Division 1220 South St. Francis Drive | Santa Fe, NM 87505 (505)469-2821 | Jocelyn.Harimon@emnrd.nm.gov





August 4, 2022

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

Re: Remediation Work Plan

Sundance SDS 11-1 SWD/BAT

Off Hwy 128

32.240587° N, 103.726100° W Eddy County, New Mexico Incident ID: NAPP2215134499 Ensolum Project No. 03B1417042

Dear Mr. Dittrich:

Ensolum, LLC. (Ensolum) has prepared this Remediation Work Plan to perform environmental consulting services in the vicinity of the Sundance SDS 11-1 SWD/BAT, referred to hereinafter as the "Site." The Site is located off of Highway (Hwy) 128 and an unnamed caliche road, approximately 20 miles east of Malaga in Eddy County, New Mexico.

I. SITE DESCRIPTION & BACKGROUND

Operator:	Oxy USA Inc. (Oxy)
Site Name:	Sundance SDS 11-1 SWD/BAT
Location:	32.240480° N, 103.725720° 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 P, Section 1, Township 24 South, Range 31 East, in Eddy County, New Mexico (32.240480° N, 103.725720° W) and is associated with oil and gas exploration and production operations on BLM Federal Land.

On May 1, 2022, a release of produced water was reported from a four (4) inch Victaulic failure on the Calmon 5 saltwater disposal (SWD) line along with a pinhole release on the steel main line. Approximately 35 barrels (bbls) of crude oil and approximately 340 bbls of produced water were released. A vacuum truck was brought in and recovered approximately 30 bbls of crude oil and 320 bbls of produced water. Oxy reported the release to the NMOCD and BLM through email notification on May 1, 2022. The release was assigned Incident Number NAPP2215134499.

On May 10, 2022, Ensolum arrived on-Site and collected three (3) composite pothole soil samples (SP-1 through SP-3) down to a depth of four (4) feet below ground surface (bgs) within the release area. Additionally, four (4) delineation composite soil samples (North, East, South, and West) collected down to a depth of one (1) foot bgs to determine the horizontal and vertical extent of the release.

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 C**.

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 minimal flood hazard.

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

	Closure Criteria fe	or Soils Impacted by a Rel	ease
Minimum depth below			
any point within			
horizontal boundary			
of the release to	Constituent	Mathad	Limit
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 proposal, 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 Sundance SDS 11-1 SWD/BAT

August 4, 2022 **Page 4**

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. At this time, approximately 2,000 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 once laboratory analytical results return. 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 1,000 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;
- Change in lithology; or
- Bottom of the excavation.

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.

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

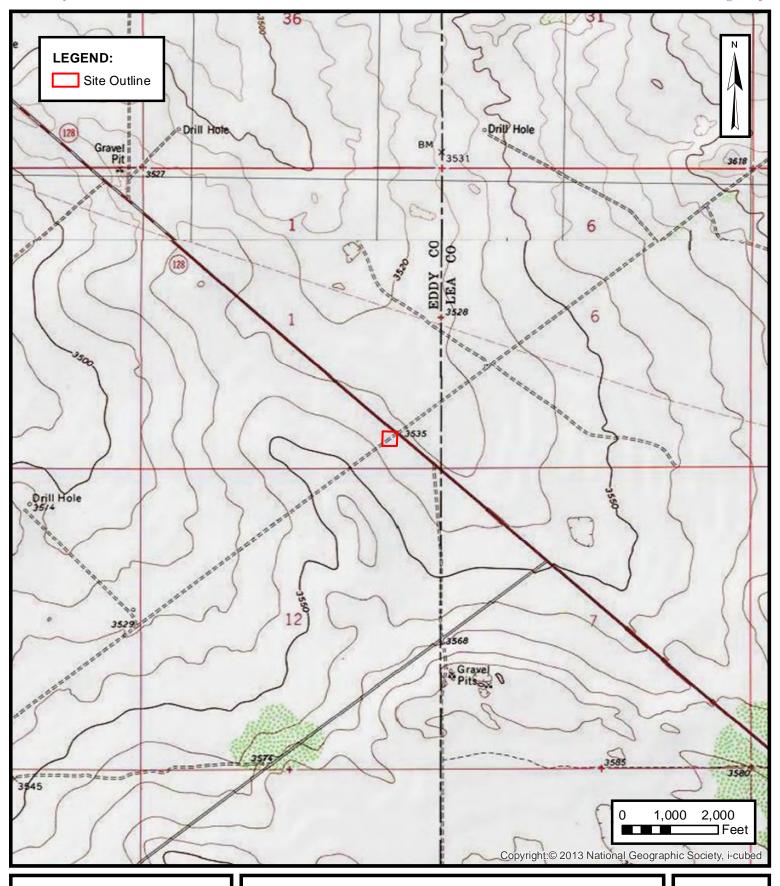
Attachment E – Laboratory Report & Chain-of-Custody Documentation

Attachment F - C-141



ATTACHMENT A

Site Map





TOPOGRAPHIC MAP

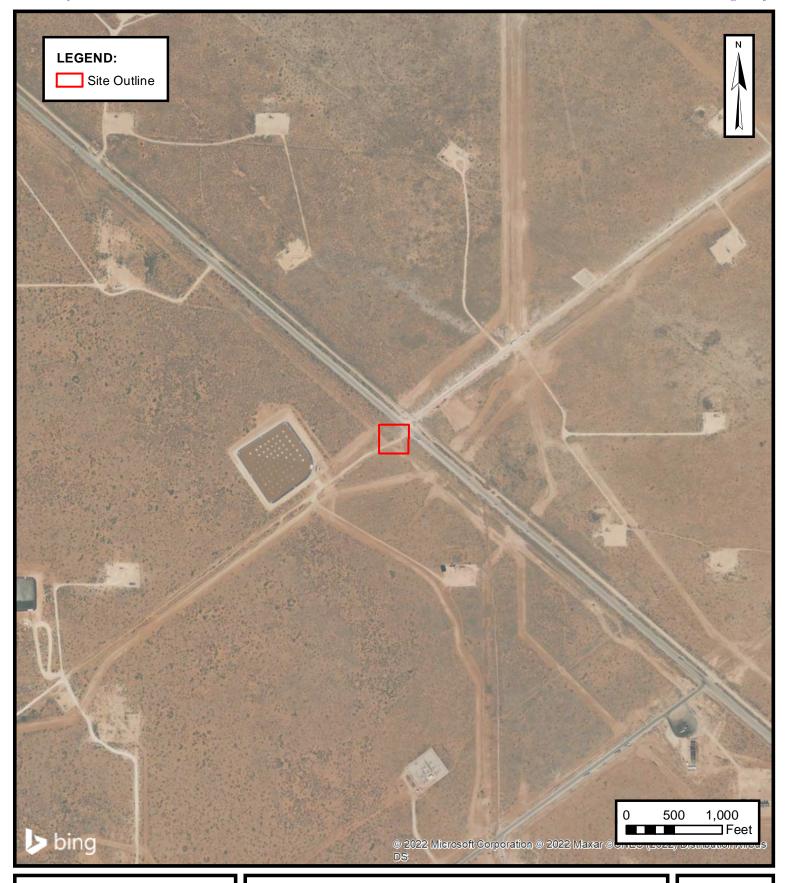
OXY USA INC. SUNDANCE SDS 11-1 SWD/BAT Eddy County, New Mexico 32.240480° N, 103.725720° W

PROJECT NUMBER: 03B1417042

FIGURE

1

Released to Imaging: 11/18/2022 3:18:53 PM





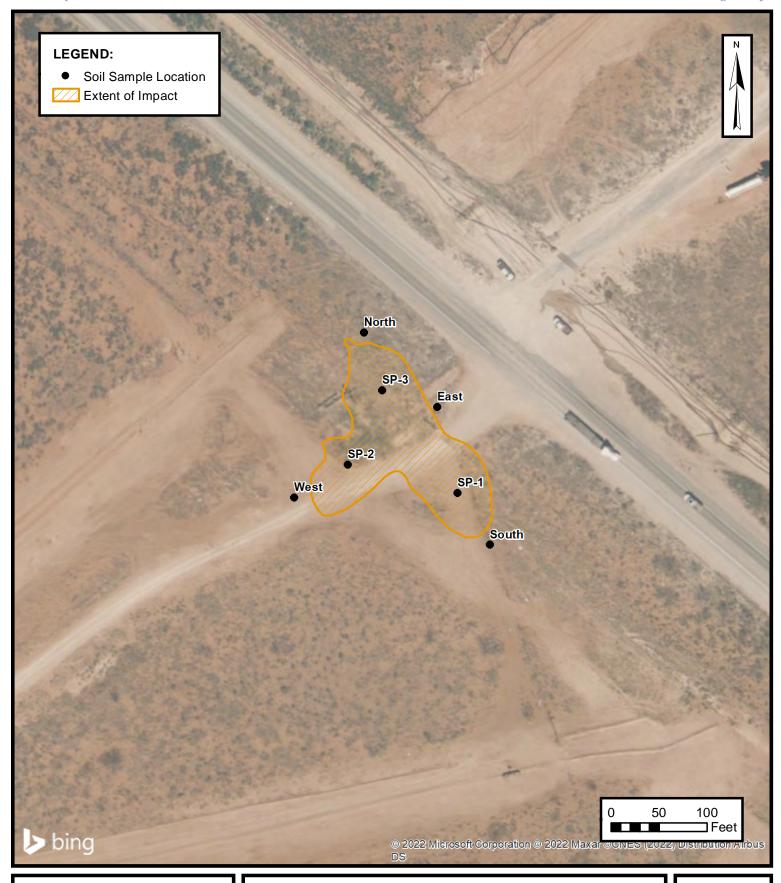
SITE VICINITY MAP

OXY USA INC. SUNDANCE SDS 11-1 SWD/BAT Eddy County, New Mexico 32.240480° N, 103.725720° W

PROJECT NUMBER: 03B1417042

FIGURE

2





SITE MAP

OXY USA INC. SUNDANCE SDS 11-1 SWD/BAT Eddy County, New Mexico 32.240480° N, 103.725720° W

PROJECT NUMBER: 03B1417042

FIGURE

3



APPENDIX B

Supporting Documentation

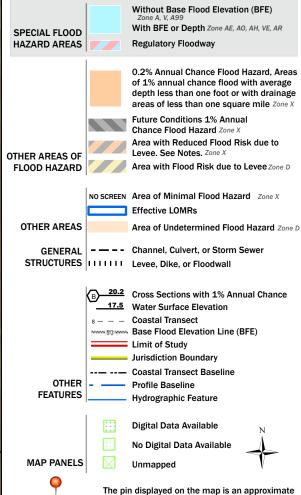
OReleas 200 Imaging: 11/18/2022 99.48:53 PM

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

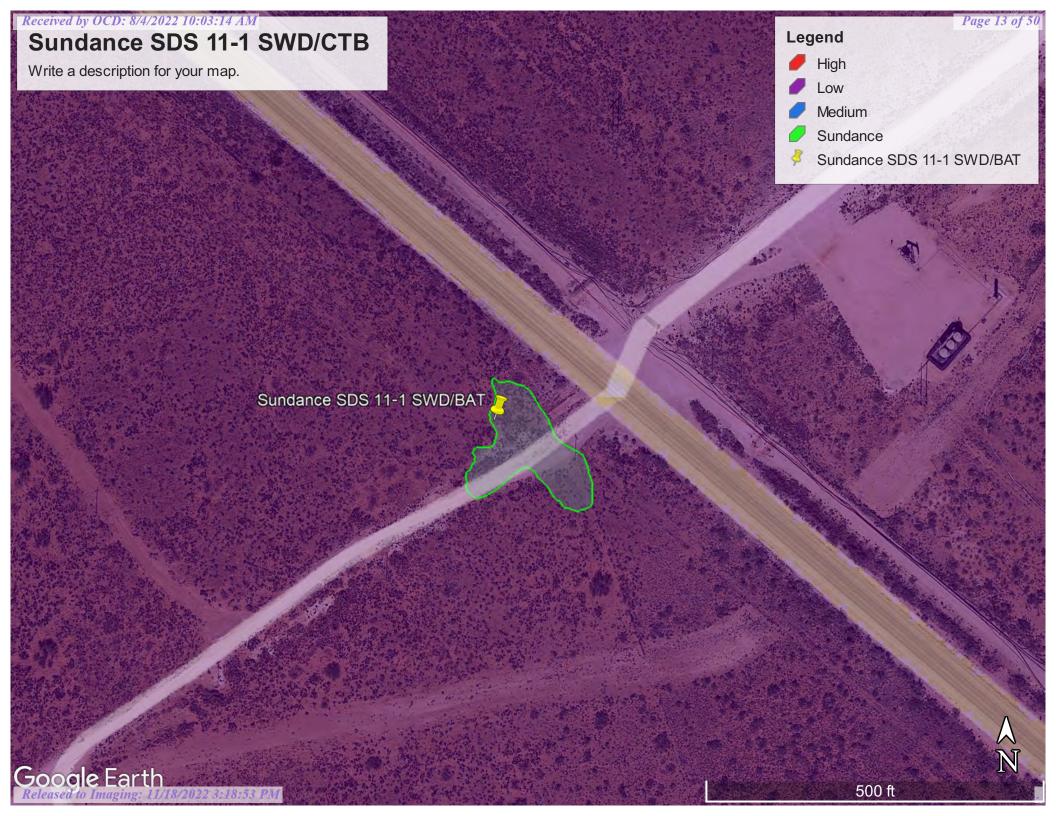
The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 8/1/2022 at 4:44 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

point selected by the user and does not represent

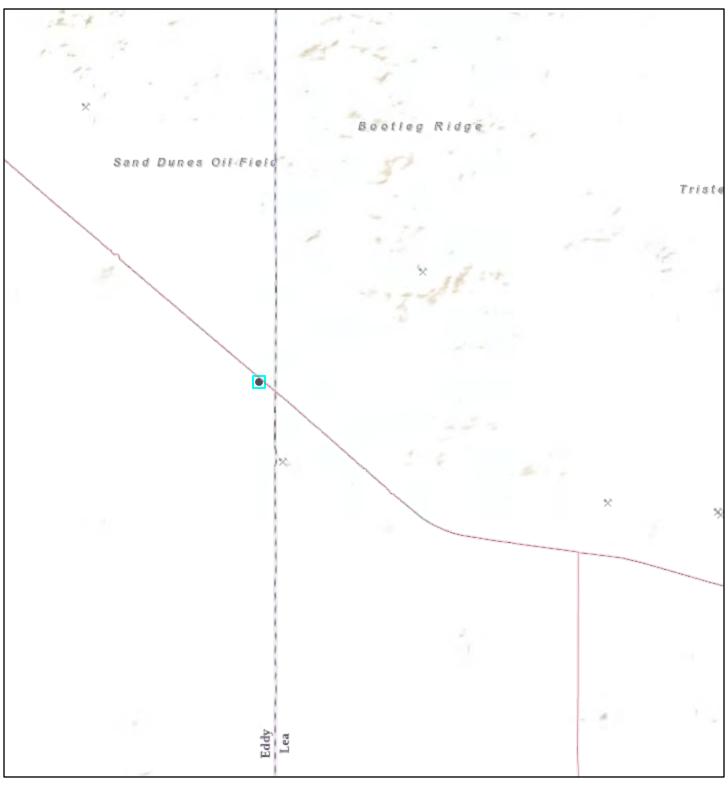
an authoritative property location.

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.





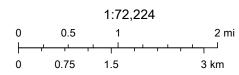
Active Mines in New Mexico



8/1/2022, 3:50:25 PM

Registered Mines

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

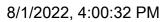


Sources: Esri, USGS, NOAA, Sources: Esri, Garmin, USGS, NPS

Page 15 of 50

OSE POD Locations Map

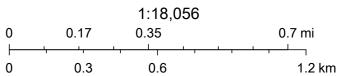




Override 1 OSE District Boundary SiteBoundaries
GIS WATERS PODs New Mexico State Trust Lands

Active Subsurface Estate

Pending Both Estates



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



Sundance SDS 11-1 SWD/BAT



August 1, 2022

Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

Freshwater Pond

Other Riverine

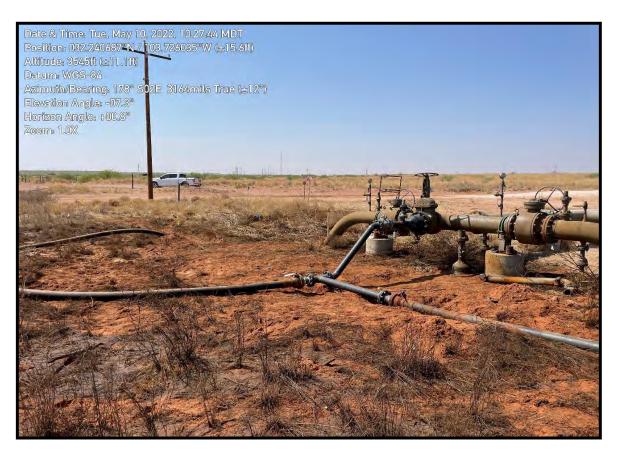
Lake

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.

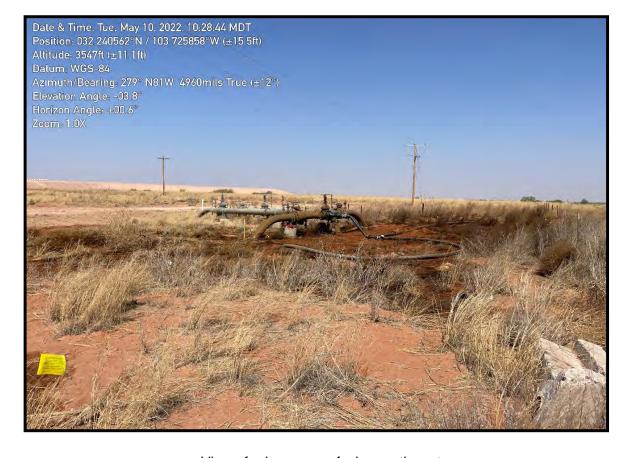


ATTACHMENT C

Photographic Documentation



View of release point facing south.



View of release area facing northwest.



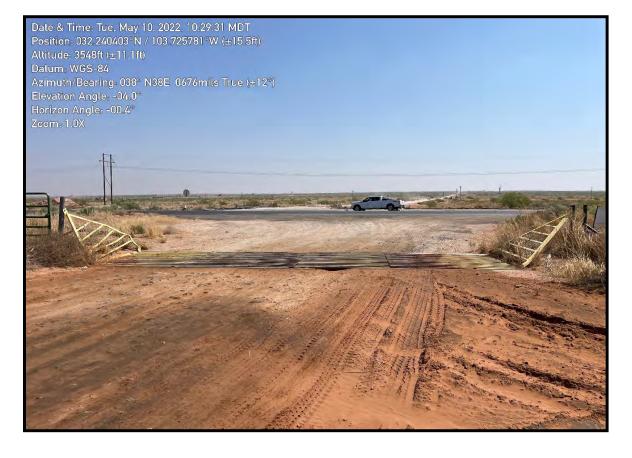
View of release area facing northwest.



View of release area facing northeast.



View of release area facing southwest.



View of release area facing northeast.



ATTACHMENT D

Table 1 - Soil Sample Analytical Results



TABLE 1 SOIL SAMPLE ANALYTICAL RESULTS Oxy USA Inc. - Sundance SDS 11-1 SWD BAT Eddy County, New Mexico

Ensolum Project No. 03B1417042

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 (≤ 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	828	213	1,041	3,160
SP-1	5/10/2022	1 - 2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	93.9	30.1	124	3,520
3F-1	3/10/2022	2 - 3	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	49.5	12.0	61.5	4,400
		3 - 4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	26.7	<10.0	26.7	8,000
		0 - 1	<0.050	<0.050	0.160	1.63	1.79	117	3,830	835	4,782	7,600
SP-2	5/10/2022	1 - 2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	523	154	677	1,700
01 2	3/10/2022	2 - 3	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	224	62.9	287	288
		3 - 4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	321	65.3	386	272
		0 - 1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	1,170	302	1,472	3,440
SP-3	5/10/2022	1 - 2	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	445	119	564	2,960
01 0	3/10/2022	2 - 3	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	104	30.9	135	3,680
		3 - 4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	31.4	<10.0	31.4	5,760
					Delineation	on Sample Analyt	ical Results					
North	5/10/2022	0 - 1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	112
East	5/10/2022	0 - 1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
South	5/10/2022	0 - 1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
West	5/10/2022	0 - 1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0

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



May 13, 2022

BEAUX JENNINGS

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: SUNDANCE SDS 11-1 SWD/BAT

Enclosed are the results of analyses for samples received by the laboratory on 05/10/22 14:32.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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: 05/10/2022 Reported: 05/13/2022

Project Name: SUNDANCE SDS 11-1 SWD/BAT

Project Number: 03B1417042 Project Location: EDDY COUNTY, NM

Sampling Date: 05/10/2022 Sampling Type: Soil

Sampling Condition: ** (See Notes)

Sample Received By: Shalyn Rodriguez

Sample ID: SOUTH 0'-1' (H221978-01)

BTEX 8021B	mg,	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/12/2022	ND	2.04	102	2.00	3.39	
Toluene*	<0.050	0.050	05/12/2022	ND	2.01	100	2.00	3.68	
Ethylbenzene*	<0.050	0.050	05/12/2022	ND	1.89	94.6	2.00	3.84	
Total Xylenes*	<0.150	0.150	05/12/2022	ND	5.92	98.7	6.00	4.93	
Total BTEX	<0.300	0.300	05/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/11/2022	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	05/12/2022	ND	198	99.2	200	4.99	
DRO >C10-C28*	<10.0	10.0	05/12/2022	ND	191	95.5	200	1.89	
EXT DRO >C28-C36	<10.0	10.0	05/12/2022	ND					
Surrogate: 1-Chlorooctane	124	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	126	% 59.5-14	2						

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 whatsoever 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: 05/10/2022 Reported: 05/13/2022

Project Name: SUNDANCE SDS 11-1 SWD/BAT

Project Number: 03B1417042

Project Location: EDDY COUNTY, NM Sampling Date: 05/10/2022

Sampling Type: Soil

Sampling Condition: ** (See Notes) Shalyn Rodriguez Sample Received By:

Sample ID: WEST 0'-1' (H221978-02)

BTEX 8021B	mg/	kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/12/2022	ND	2.04	102	2.00	3.39	
Toluene*	<0.050	0.050	05/12/2022	ND	2.01	100	2.00	3.68	
Ethylbenzene*	<0.050	0.050	05/12/2022	ND	1.89	94.6	2.00	3.84	
Total Xylenes*	<0.150	0.150	05/12/2022	ND	5.92	98.7	6.00	4.93	
Total BTEX	<0.300	0.300	05/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/11/2022	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	05/12/2022	ND	198	99.2	200	4.99	
DRO >C10-C28*	<10.0	10.0	05/12/2022	ND	191	95.5	200	1.89	
EXT DRO >C28-C36	<10.0	10.0	05/12/2022	ND					
Surrogate: 1-Chlorooctane	124 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	125 9	6 59.5-14	2						

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Analytical Results For:

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

Received: 05/10/2022 Reported: 05/13/2022

SUNDANCE SDS 11-1 SWD/BAT

Project Name: SUNDANCE S Project Number: 03B1417042

Project Location: EDDY COUNTY, NM

Sampling Date: 05/10/2022

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: EAST 0'-1' (H221978-03)

BTEX 8021B	mg	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/12/2022	ND	2.04	102	2.00	3.39	
Toluene*	<0.050	0.050	05/12/2022	ND	2.01	100	2.00	3.68	
Ethylbenzene*	< 0.050	0.050	05/12/2022	ND	1.89	94.6	2.00	3.84	
Total Xylenes*	<0.150	0.150	05/12/2022	ND	5.92	98.7	6.00	4.93	
Total BTEX	<0.300	0.300	05/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/11/2022	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	05/12/2022	ND	198	99.2	200	4.99	
DRO >C10-C28*	<10.0	10.0	05/12/2022	ND	191	95.5	200	1.89	
EXT DRO >C28-C36	<10.0	10.0	05/12/2022	ND					
Surrogate: 1-Chlorooctane	121	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	124	% 59.5-14	22						

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Analytical Results For:

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

Received: 05/10/2022 Reported: 05/13/2022

SUNDANCE SDS 11-1 SWD/BAT

Project Number: 03B1417042

Project Location: EDDY COUNTY, NM Sampling Date: 05/10/2022

Sampling Type: Soil

Sampling Condition: ** (See Notes) Shalyn Rodriguez Sample Received By:

Sample ID: NORTH 0'-1' (H221978-04)

Project Name:

BTEX 8021B	mg/	kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/12/2022	ND	2.04	102	2.00	3.39	
Toluene*	<0.050	0.050	05/12/2022	ND	2.01	100	2.00	3.68	
Ethylbenzene*	<0.050	0.050	05/12/2022	ND	1.89	94.6	2.00	3.84	
Total Xylenes*	<0.150	0.150	05/12/2022	ND	5.92	98.7	6.00	4.93	
Total BTEX	<0.300	0.300	05/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	05/11/2022	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	05/12/2022	ND	198	99.2	200	4.99	
DRO >C10-C28*	<10.0	10.0	05/12/2022	ND	191	95.5	200	1.89	
EXT DRO >C28-C36	<10.0	10.0	05/12/2022	ND					
Surrogate: 1-Chlorooctane	113 %	66.9-13	6						
Surrogate: 1-Chlorooctadecane	116 9	6 59.5-14	2						

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Analytical Results For:

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

Received: 05/10/2022 Reported: 05/13/2022

SUNDANCE SDS 11-1 SWD/BAT

Project Name: Project Number: 03B1417042

Project Location: EDDY COUNTY, NM Sampling Date: 05/10/2022

Sampling Type: Soil

Sampling Condition: ** (See Notes) Sample Received By: Shalyn Rodriguez

Sample ID: SP - 1 0'-1' (H221978-05)

BTEX 8021B	mg/	kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/12/2022	ND	2.04	102	2.00	3.39	
Toluene*	<0.050	0.050	05/12/2022	ND	2.01	100	2.00	3.68	
Ethylbenzene*	<0.050	0.050	05/12/2022	ND	1.89	94.6	2.00	3.84	
Total Xylenes*	<0.150	0.150	05/12/2022	ND	5.92	98.7	6.00	4.93	
Total BTEX	<0.300	0.300	05/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3160	16.0	05/11/2022	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	05/12/2022	ND	198	99.2	200	4.99	
DRO >C10-C28*	828	10.0	05/12/2022	ND	191	95.5	200	1.89	
EXT DRO >C28-C36	213	10.0	05/12/2022	ND					
Surrogate: 1-Chlorooctane	115 %	66.9-13	6						
Surrogate: 1-Chlorooctadecane	135 9	% 59.5-14	2						

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Analytical Results For:

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

Received: 05/10/2022 Reported: 05/13/2022

05/13/2022 SUNDANCE SDS 11-1 SWD/BAT

Project Name: SUNDANCE S Project Number: 03B1417042

Project Location: EDDY COUNTY, NM

Sampling Date: 05/10/2022

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: SP - 1 1'-2' (H221978-06)

BTEX 8021B	mg	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/12/2022	ND	2.04	102	2.00	3.39	
Toluene*	<0.050	0.050	05/12/2022	ND	2.01	100	2.00	3.68	
Ethylbenzene*	<0.050	0.050	05/12/2022	ND	1.89	94.6	2.00	3.84	
Total Xylenes*	<0.150	0.150	05/12/2022	ND	5.92	98.7	6.00	4.93	
Total BTEX	<0.300	0.300	05/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3520	16.0	05/11/2022	ND	432	108	400	0.00	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	05/12/2022	ND	198	99.2	200	4.99	
DRO >C10-C28*	93.9	10.0	05/12/2022	ND	191	95.5	200	1.89	
EXT DRO >C28-C36	30.1	10.0	05/12/2022	ND					
Surrogate: 1-Chlorooctane	119	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	129	% 59.5-14	2						

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Analytical Results For:

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

Received: 05/10/2022 Reported: 05/13/2022

SUNDANCE SDS 11-1 SWD/BAT

Project Number: 03B1417042

Project Location: EDDY COUNTY, NM

Sampling Date: 05/10/2022

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: SP - 1 2'-3' (H221978-07)

Project Name:

BTEX 8021B	mg,	/kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/12/2022	ND	2.04	102	2.00	3.39	
Toluene*	<0.050	0.050	05/12/2022	ND	2.01	100	2.00	3.68	
Ethylbenzene*	<0.050	0.050	05/12/2022	ND	1.89	94.6	2.00	3.84	
Total Xylenes*	<0.150	0.150	05/12/2022	ND	5.92	98.7	6.00	4.93	
Total BTEX	<0.300	0.300	05/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4400	16.0	05/11/2022	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	05/12/2022	ND	198	99.2	200	4.99	
DRO >C10-C28*	49.5	10.0	05/12/2022	ND	191	95.5	200	1.89	
EXT DRO >C28-C36	12.0	10.0	05/12/2022	ND					
Surrogate: 1-Chlorooctane	121	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	125	% 59.5-14	2						

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Analytical Results For:

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

Received: 05/10/2022 Reported: 05/13/2022

Project Name: SUNDANCE SDS 11-1 SWD/BAT

Project Number: 03B1417042

Project Location: EDDY COUNTY, NM

Sampling Date: 05/10/2022

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: SP - 1 3'-4' (H221978-08)

BTEX 8021B	mg	/kg	Analyze	ed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/12/2022	ND	2.04	102	2.00	3.39	
Toluene*	<0.050	0.050	05/12/2022	ND	2.01	100	2.00	3.68	
Ethylbenzene*	<0.050	0.050	05/12/2022	ND	1.89	94.6	2.00	3.84	
Total Xylenes*	<0.150	0.150	05/12/2022	ND	5.92	98.7	6.00	4.93	
Total BTEX	<0.300	0.300	05/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8000	16.0	05/11/2022	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	05/12/2022	ND	198	99.2	200	4.99	
DRO >C10-C28*	26.7	10.0	05/12/2022	ND	191	95.5	200	1.89	
EXT DRO >C28-C36	<10.0	10.0	05/12/2022	ND					
Surrogate: 1-Chlorooctane	121	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	124	% 59.5-14	2						

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Analytical Results For:

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

Received: 05/10/2022 Reported: 05/13/2022

SUNDANCE SDS 11-1 SWD/BAT

Project Number: 03B1417042

Project Location: EDDY COUNTY, NM Sampling Date: 05/10/2022

Sampling Type: Soil

Sampling Condition: ** (See Notes) Sample Received By: Shalyn Rodriguez

Sample ID: SP - 2 0'-1' (H221978-09)

Project Name:

BTEX 8021B	mg/	kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/12/2022	ND	2.04	102	2.00	3.39	
Toluene*	<0.050	0.050	05/12/2022	ND	2.01	100	2.00	3.68	
Ethylbenzene*	0.160	0.050	05/12/2022	ND	1.89	94.6	2.00	3.84	
Total Xylenes*	1.63	0.150	05/12/2022	ND	5.92	98.7	6.00	4.93	
Total BTEX	1.79	0.300	05/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	131 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7600	16.0	05/11/2022	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*	117	10.0	05/12/2022	ND	198	99.2	200	4.99	
DRO >C10-C28*	3830	10.0	05/12/2022	ND	191	95.5	200	1.89	
EXT DRO >C28-C36	835	10.0	05/12/2022	ND					
Surrogate: 1-Chlorooctane	166 9	66.9-13	6						
Surrogate: 1-Chlorooctadecane	161 9	59.5-14	2						

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Analytical Results For:

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

Received: 05/10/2022 Reported: 05/13/2022

Project Name: SUNDANCE SDS 11-1 SWD/BAT

Project Number: 03B1417042

Project Location: EDDY COUNTY, NM

Sampling Date: 05/10/2022

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: SP - 2 1'-2' (H221978-10)

BTEX 8021B Analyte	mg/kg		Analyzed By: MS/						
	Result	Reporting Limit	Analyzed	Method Blank	BS % Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/12/2022	ND	2.04	102	2.00	3.39	
Toluene*	<0.050	0.050	05/12/2022	ND	2.01	100	2.00	3.68	
Ethylbenzene*	< 0.050	0.050	05/12/2022	ND	1.89	94.6	2.00	3.84	
Total Xylenes*	<0.150	0.150	05/12/2022	ND	5.92	98.7	6.00	4.93	
Total BTEX	<0.300	0.300	05/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1700	16.0	05/11/2022	ND	432	108	400	0.00	
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	05/12/2022	ND	198	99.2	200	4.99	
DRO >C10-C28*	523	10.0	05/12/2022	ND	191	95.5	200	1.89	
EXT DRO >C28-C36	154	10.0	05/12/2022	ND					
Surrogate: 1-Chlorooctane	111	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	121	% 59.5-14	2						

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Analytical Results For:

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

Received: 05/10/2022 Reported: 05/13/2022

SUNDANCE SDS 11-1 SWD/BAT

Project Name: Project Number: 03B1417042

Project Location: EDDY COUNTY, NM Sampling Date: 05/10/2022

Sampling Type: Soil

Sampling Condition: ** (See Notes) Shalyn Rodriguez Sample Received By:

Sample ID: SP - 2 2'-3' (H221978-11)

BTEX 8021B	mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/12/2022	ND	2.04	102	2.00	3.39	
Toluene*	<0.050	0.050	05/12/2022	ND	2.01	100	2.00	3.68	
Ethylbenzene*	<0.050	0.050	05/12/2022	ND	1.89	94.6	2.00	3.84	
Total Xylenes*	<0.150	0.150	05/12/2022	ND	5.92	98.7	6.00	4.93	
Total BTEX	<0.300	0.300	05/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	05/11/2022	ND	432	108	400	0.00	
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	05/12/2022	ND	198	99.2	200	4.99	
DRO >C10-C28*	224	10.0	05/12/2022	ND	191	95.5	200	1.89	
EXT DRO >C28-C36	62.9	10.0	05/12/2022	ND					
Surrogate: 1-Chlorooctane	123 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	122 9	% 59.5-14	2						

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Celey D. Keene



Analytical Results For:

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

Received: 05/10/2022 Reported: 05/13/2022

SUNDANCE SDS 11-1 SWD/BAT

Project Name: Project Number: 03B1417042

Project Location: EDDY COUNTY, NM Sampling Date: 05/10/2022

Sampling Type: Soil

Sampling Condition: ** (See Notes) Shalyn Rodriguez Sample Received By:

Sample ID: SP - 2 3'-4' (H221978-12)

BTEX 8021B	mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/12/2022	ND	2.04	102	2.00	3.39	
Toluene*	<0.050	0.050	05/12/2022	ND	2.01	100	2.00	3.68	
Ethylbenzene*	<0.050	0.050	05/12/2022	ND	1.89	94.6	2.00	3.84	
Total Xylenes*	<0.150	0.150	05/12/2022	ND	5.92	98.7	6.00	4.93	
Total BTEX	<0.300	0.300	05/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	05/11/2022	ND	432	108	400	0.00	
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	05/13/2022	ND	198	99.2	200	4.99	
DRO >C10-C28*	321	10.0	05/13/2022	ND	191	95.5	200	1.89	
EXT DRO >C28-C36	65.3	10.0	05/13/2022	ND					
Surrogate: 1-Chlorooctane	119 %	66.9-13	6						
Surrogate: 1-Chlorooctadecane	129 9	59.5-14	2						

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received: 05/10/2022 Reported: 05/13/2022

Project Name: SUNDANCE SDS 11-1 SWD/BAT

Project Number: 03B1417042

Project Location: EDDY COUNTY, NM Sampling Date: 05/10/2022

Sampling Type: Soil

Sampling Condition: ** (See Notes) Shalyn Rodriguez Sample Received By:

Sample ID: SP - 3 0'-1' (H221978-13)

BTEX 8021B	mg/	kg	Analyze	d By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/12/2022	ND	2.04	102	2.00	3.39	
Toluene*	<0.050	0.050	05/12/2022	ND	2.01	100	2.00	3.68	
Ethylbenzene*	< 0.050	0.050	05/12/2022	ND	1.89	94.6	2.00	3.84	
Total Xylenes*	<0.150	0.150	05/12/2022	ND	5.92	98.7	6.00	4.93	
Total BTEX	<0.300	0.300	05/12/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3440	16.0	05/11/2022	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	05/12/2022	ND	198	99.2	200	4.99	
DRO >C10-C28*	1170	10.0	05/12/2022	ND	191	95.5	200	1.89	
EXT DRO >C28-C36	302	10.0	05/12/2022	ND					
Surrogate: 1-Chlorooctane	129 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	154 9	% 59.5-14	2						

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Celey D. Keene



Analytical Results For:

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

Received: 05/10/2022 Reported: 05/13/2022

SUNDANCE SDS 11-1 SWD/BAT

Project Number: 03B1417042

Project Location: EDDY COUNTY, NM

Sampling Date: 05/10/2022

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: SP - 3 1'-2' (H221978-14)

Project Name:

RTFY 8021R

BIEX 8021B	mg	^и кд	Anaiyze	a By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/11/2022	ND	2.22	111	2.00	10.5	
Toluene*	<0.050	0.050	05/11/2022	ND	2.21	110	2.00	11.2	
Ethylbenzene*	<0.050	0.050	05/11/2022	ND	2.14	107	2.00	9.92	
Total Xylenes*	<0.150	0.150	05/11/2022	ND	6.62	110	6.00	9.99	
Total BTEX	<0.300	0.300	05/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2960	16.0	05/11/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed 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	05/12/2022	ND	198	99.2	200	4.99	
DRO >C10-C28*	445	10.0	05/12/2022	ND	191	95.5	200	1.89	
EXT DRO >C28-C36	119	10.0	05/12/2022	ND					
Surrogate: 1-Chlorooctane	131	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	144	% 59.5-14	2						

Applyzod By: MC\

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received: 05/10/2022 Reported: 05/13/2022

SUNDANCE SDS 11-1 SWD/BAT

Project Name: Project Number: 03B1417042

Project Location: EDDY COUNTY, NM Sampling Date: 05/10/2022

Sampling Type: Soil

Sampling Condition: ** (See Notes) Sample Received By: Shalyn Rodriguez

Sample ID: SP - 3 2'-3' (H221978-15)

BTEX 8021B	mg,	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/11/2022	ND	2.22	111	2.00	10.5	
Toluene*	<0.050	0.050	05/11/2022	ND	2.21	110	2.00	11.2	
Ethylbenzene*	<0.050	0.050	05/11/2022	ND	2.14	107	2.00	9.92	
Total Xylenes*	<0.150	0.150	05/11/2022	ND	6.62	110	6.00	9.99	
Total BTEX	<0.300	0.300	05/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3680	16.0	05/11/2022	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	05/12/2022	ND	198	99.2	200	4.99	
DRO >C10-C28*	104	10.0	05/12/2022	ND	191	95.5	200	1.89	
EXT DRO >C28-C36	30.9	10.0	05/12/2022	ND					
Surrogate: 1-Chlorooctane	124	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	134	% 59.5-14	2						

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Celeg D. Keene



Analytical Results For:

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

Received: 05/10/2022 Reported: 05/13/2022

SUNDANCE SDS 11-1 SWD/BAT

Project Name: SUNDANCE S Project Number: 03B1417042

Project Location: EDDY COUNTY, NM

Sampling Date: 05/10/2022

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Shalyn Rodriguez

Sample ID: SP - 3 3'-4' (H221978-16)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/11/2022	ND	2.22	111	2.00	10.5	
Toluene*	<0.050	0.050	05/11/2022	ND	2.21	110	2.00	11.2	
Ethylbenzene*	<0.050	0.050	05/11/2022	ND	2.14	107	2.00	9.92	
Total Xylenes*	<0.150	0.150	05/11/2022	ND	6.62	110	6.00	9.99	
Total BTEX	<0.300	0.300	05/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5760	16.0	05/11/2022	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	05/12/2022	ND	181	90.6	200	3.21	
DRO >C10-C28*	31.4	10.0	05/12/2022	ND	193	96.7	200	0.148	
EXT DRO >C28-C36	<10.0	10.0	05/12/2022	ND					
Surrogate: 1-Chlorooctane	112	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	129	% 59.5-14	2						

Applyzod By: MC\

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Celey D. Keene

S-06



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or

3-00	matrix interference's.
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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Celey D. Keine

101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

L	2/2) 393-2320 FAA (3/3) 393-24/0			- 1
Company Name: 50000000	שה, נוכב	BILL TO		ANALTSIS REGUEST
Project Manager: Resux	35000035	P.O.#:		
Address: (601 N Mg	<u> </u>	Company: Oxy USA, Tox	Tox.	
disol	State: / X	Attn: Wide X Hach	3	
PIR (010) #0	8658 Fax#: -	Address:		
138141704 138141704	Project Owner: -	City:		
me: Sha core	25	State: Zip:	0	
	1	# (575) 390		
2	2 3		51	
FOR LAB USE ONLY		ESERV.	SAMPLING ROLL	
Lab I.D. S	Sample I.D. AB OR (C)OM ONTAINERS UNDWATER ITEWATER DGE	DGE ER: D/BASE: / COOL ER:	JEX.	
STACE H	GF W/ > SC	O AC	1045 X X X	
Mest	0,-1, 0 1	5/2/22	1055 × 入	
D.	0'-1' C'	× 5/10/33		
C Notes	0'-1' 0 1 ×	x 5/10/22	1120 × × ×	
5 SP-1	0-1-0-1	x 5/10/22	1130 ×	
6 SP-1	1'-2' C - X	人 5/10/33	=35 × × ×	
7 52-1	23,-3, 0	× 5/10/22		
SP-1	3'-4' c) X	× 5/10/23	三五八	
9 SP-2	0,-1, 0-		Alo X	
10 SP-2	1'-2' C1 X	x 5/10/22	1215 X X X	
PLEASE NOTE: Liability and Damages. Cardin analyses. All claims including those for negliges service. In no event shall Cardinal be liable for	d dient's exclusi ther cause what onsequental dar	ract or fort, shall be limited to the amount par and received by Cardinal within 30 days afte ns, loss of use, or loss of profits incurred by a limited based upon any of the above stated is	amount pad by the cleans for the applicable 30 days after completion of the applicable noursed by client, its subsidiaries, we stated neasons or otherwise.	
Relinquished By:	Date (10/2) Received By:	SILLS ORGANIZATION TO THE INVESTIGATION OF THE	Verbal Result: ☐ Yes ☐ No Add'l Phone #: All Results are emailed. Please provide Email address:	Add'l Phone #: pvide Email address:
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Relinquished By:	Date: Received By:	0	REMARKS:	
,				8
Delivered By: (Circle One)	10 Sa	dition CHECKED BY:	Turnaround Time: Standard	
Sampler - UPS - Bus - Other:	Corrected Temp. °C/1.00 No	Yes S	Correction Factor -0.5°C	No Corrected Temp. °C

Signature

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

ICARDINALLaboratories

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

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		(5/5) 393-2326 FAX (5/5) 393-24/6	24/6					
Company Name:	Findsolum 1	LUC -		BILL TO			AN	ANALYSIS REQUEST
Project Manage	Project Manager: Bewx Jennings	0.00		P.O. #:				
Address: (601	N. Michenfeld	Fld St. St	2 400	Company: ()XU USA	A Hoc.			
City: Midland	-	State: 1X	10+54 :diz	6 4	17 4			
Phone #: (210)	o) aig 8858	Fax#:		Address:			_	
Project #: 03B1417042	SHOEL HIS	Project Owner:	er:	City:				
Project Name:	undence SDS	5 11-1 SWE	VBAT	State: Zip:)	0	
Project Location:	" Eddy County	TY NY		# (5)		B	50	
Sampler Name:	helly Low	gwcy		Fax #:		21	4	
FOR LAB USE ONLY	1		MATRIX	ESERV.	SAMPLING	215	25	
Lab I.D.	Sample I.D.	e I.D. Scoth	(G)RAB OR (C)OM # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	TIME	BTEX	Chloride	7
u .	SP-2	2.3,		>	1 N20	X. X	۸	
E CE	SP-2	3'-4'	C - X	人 5/10/22	-	X X	人.	
Z.	VP-3	0'-1'	C - X	× 5/10/22	1250	X	^	
14	29-3	1'-2'	О -	人 5/10/22	255	×	*	
100	SP-3	ال ع		10	1300	×	+	
4		11	-	2) 10 01	COC	>	*	
				N# 6 05/	10/2016	3		
PLEASE NOTE: Liability and imalyses. All claims including service, in no event shall Car efficies or successors arisino.	and Damages. Cardinal's liability ar ding those for negligence and any o Cardinal be liable for incidental or o cardinal of or related to the neaform	d client's exclusive remedy for other cause whatsoever shall be consequental damages, including the consequents of the second of the consequence o	PLEASE NOTE: Lability and Damages. Cardnut's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the envisivess. All claims including those for negligence and any other cause whatboever shall be deemed waived unless made in writing and received by Cardinal within service, in no event shall Cardinal be libre for liability to consequently demands unless made in writing and received by Cardinal within 1 to event shall Cardinal be liable for including or consequently demands. In order the shall Cardinal be liable for including or consequently demands in the cardinal state of sands are specifically to the consequently shall be shall cardinal be shall be s	PLEASE NOTE: Lability and Damages. Cardinal's liability and client's exclusive remedy for any dairn arraing whether based in contract or tot, 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 envise, in or event shall Cardinal basile for included or consequented damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, infiliates or successors arising out of or related to incliental or consequented damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries,	amount paid by the client for the 30 days after completion of the ag nourred by client, its subsidiaries,	pplicable		
Relinguished By:	/	Date:5/10/23	Date 5/10/23 Received By:		Verbal Result:	100	□ No Ado	Add'l Phone #:
MM		Time: 1430	Speak of	E Y	All Results are emailed	-/ "	- MIS PANGE EMAII ADDRESS:	Dodum Con
Relinquished By		Date:	Received By:	C	REMARKS:	Q	-	
Delivered By: (Circle One)	rcle One)	Observed Temp. OC	Sample Condition	ition CHECKED BY:	Turnaround Time:		Standard X	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C
Sampler - UPS - Bus - Other:	sus - Other:	Corrected Temp. "C	NA CONTRACTOR	\propto	Thermometer ID #113 Correction Factor -0.5°C			□Yes □ Yes □ No



APPENDIX F

C-141

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	nAPP2215134499
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

	Party: Oxy	USA Inc		OGRIF	D: 16696		
A THE STATE OF THE	ne: Wade Di				et Telephone: 575-390-2828		
operate and a chief	One modulate ente	trich@oxy.com			nt # (assigned by OCD)		
2000		: PO Box 4294, H	Jauston TV 7721	THE YEAR	It π (assigned by OCD)		
Comact mai	mig address.	. FO Box 4294, H	iouston, TA 7721	U			
			Locatio	n of Release	Source		
			Locuito				
atitude 32.	240587		(NAD 83 in	Longitude decimal degrees to 5 de	e -103.726100		
C'. M. C	ı ı an	G 11 1 GW/D /D 11					
2000	Control Land	S 11-1 SWD/BA	T	Site Type	Site Type: Oil/Produced Water Gathering Line		
Date Release	Discovered	: 5/1/2022		API# (if a	applicable)		
Unit Letter	Section	Township	Range	Co	unty		
Unit Letter	Section 1	Township 24S	Range 31E	Co Eddy	bunty		
					ounty		
P	1		31E	Eddy	ounty		
P	1	24S	31E	Eddy (Name:			
P	1	24S	31E	Eddy			
P Surface Owne	1 State	24S ✓ Federal ☐ T	31E Cribal Private Nature ar	Eddy (Name: nd Volume of	f Release ific justification for the volumes provided below)		
P Surface Owne	1 State Materia	24S Federal T Its Released (Select a Volume Release)	31E Tribal Private Nature ar all that apply and atta ed (bbls): 35	Eddy (Name: nd Volume of	f Release ific justification for the volumes provided below) Volume Recovered (bbls): 30		
P Surface Owne	1 State Materia	24S ✓ Federal ☐ T	31E Tribal Private Nature ar all that apply and atta ed (bbls): 35	Eddy (Name: nd Volume of	f Release ific justification for the volumes provided below)		
P Surface Owne	1 State Materia	24S Federal T Id(s) Released (Select a Volume Releas Volume Releas	31E Tribal ☐ Private Nature ar all that apply and atta ed (bbls): 35 ed (bbls): 340 ation of dissolved	Eddy (Name: nd Volume of the calculations or specific	f Release ific justification for the volumes provided below) Volume Recovered (bbls): 30		
P Surface Owne	1 State Materia il I Water	24S Federal T Its Released (Select a Volume Releas Volume Releas Is the concentral	Nature ar Nature ar all that apply and atta ed (bbls): 35 ed (bbls): 340 attion of dissolved > >10,000 mg/l?	Eddy (Name: nd Volume of the calculations or specific	F Release Iffic justification for the volumes provided below) Volume Recovered (bbls): 30 Volume Recovered (bbls): 320		
P Surface Owner Crude O	State Materia il I Water	24S Federal T Tolk(s) Released (Select a Volume Release Volume Release Is the concentrate produced water	Tribal ☐ Private Nature an all that apply and atta ed (bbls): 35 ed (bbls): 340 ation of dissolved >10,000 mg/l? ed (bbls)	Eddy (Name: nd Volume of the calculations or specific	FRelease Iffic justification for the volumes provided below) Volume Recovered (bbls): 30 Volume Recovered (bbls): 320 Yes \square No		

Received by OCD: 8/4/2022 10:03:14 AM

Released to Imaging: 11/18/2022 3:18:53 PM



Incident ID	nAPP2215134499
District RP	
Facility ID	
Application ID	

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Was this a major release as defined by	If YES, for what reason(s) does the resp Release is greater than 25 barrels.	ponsible party consider this a major release?
19.15.29.7(A) NMAC?		
⊠ Yes □ No		
If YES was immediate n	notice given to the OCD? By whom? To:	whom? When and by what means (phone, email, etc)?
		us and BLM_NM_CFO_Spill@blm.gov_on 5/1/2022 at 1430.
	Initial I	Response
The responsible	party must undertake the following actions immedia	ately unless they could create a safety hazard that would result in injury
☐ The source of the rel	ease has been stopped.	
	as been secured to protect human health ar	nd the environment.
		r dikes, absorbent pads, or other containment devices.
	recoverable materials have been removed a	
If all the actions describe	ed above have <u>not</u> been undertaken, explain	n why:
has begun, please attach	a narrative of actions to date. If remedia	e remediation immediately after discovery of a release. If remediation al efforts have been successfully completed or if the release occurred please attach all information needed for closure evaluation.
regulations all operators are public health or the environ failed to adequately investig addition, OCD acceptance of	required to report and/or file certain release no ment. The acceptance of a C-141 report by the gate and remediate contamination that pose a th	be best of my knowledge and understand that pursuant to OCD rules and obtifications and perform corrective actions for releases which may endanger a OCD does not relieve the operator of liability should their operations have been areat to groundwater, surface water, human health or the environment. In of responsibility for compliance with any other federal, state, or local laws
and/or regulations.		
Printed Name: Wade Ditt	1 /1 //	Title: Environmental Specialist
Signature: Will	Littul	Date: 5-25-22
email: wade_dittrich@ox	<u>y.com</u>	Telephone: <u>575-390-2828</u>
OCD Only		
Received by:		

Received by OCD: 8/4/2022 10:03:14 AM



Incident ID	nAPP2215134499
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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 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 vertical extents of soil contamination 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 wells.	
Field data	
Data table of soil contaminant concentration data	
Depth to water determination	
Determination of water sources and significant watercourses within 1/2-mile of the lateral extents of the release	
Boring or excavation logs	
Photographs including date and GIS information	
Topographic/Aerial maps	
Laboratory data including chain of custody	

the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation below. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 9.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

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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 Signature: Made dittrich@oxy.com	Title: Environmental Specialist Date: 9-7-2 Z Telephone: 575-390-2828
OCD Only Received by: Jocelyn Harimon	Date:08/04/2022



Incident ID	nAPP2215134499
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Remediation Plan

Remediation Plan Checklist: Each of the following items 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)
<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.
Extents of contamination must be fully delineated.
Contamination does not cause an imminent risk to human health, the environment, or groundwater.
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 Date: Y-3-2-2
email: wade_dittrich@oxy.com Telephone: 575-390-2828
OCD Only Jocelyn Harimon Received by: Date:
Approved Approved with Attached Conditions of Approval Denied Deferral Approved
Signature: Date: 11/18/2022

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 131482

CONDITIONS

Operator:	OGRID:
OXY USA INC	16696
P.O. Box 4294	Action Number:
Houston, TX 772104294	131482
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created	By Condition	Condition Date
jharim	• If evidence of depth to ground water within a ½ mile radius of the site cannot be provided, impacted soils will need to meet Table 1 Closure Criteria for ground water at a depth of 50 feet or less. • Please continue to horizontally delineate the spill to 600 mg/kg for chlorides and TPH to 100 mg/kg and include sample points in your next report after closure criteria limits have been met. Surface sample points and sidewalls on the edge of the release need to be delineated to 600 mg/kg for chlorides and 100 mg/kg for TPH for the spill to be horizontally delineated. • Please collect more confirmation samples, representing no more than 200 square feet. Alternately, without division approval, the responsible party may elect to perform a composite and grab sample plan of the remediated area where each composite sample is not representative of more than 200 square feet 19.15.29.12D(1)(c).	11/18/2022