

August 25, 2025

New Mexico Oil Conservation Division

New Mexico Energy, Minerals, and Natural Resources Department 1220 South St. Francis Drive Santa Fe, New Mexico 87505

Re: Closure Request

Lost Tank 3 Fed 5 CTB

Incident Number NAPP2509129529

API 30-015-30586

Eddy County, New Mexico

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of Oxy USA Inc. (Oxy), has prepared this *Closure Request* to document assessment, delineation, and soil sampling activities performed at Lost Tank 3 Fed 5 CTB (Site). The purpose of the Site assessment, delineation, and soil sampling activities conducted was to assess for the presence or absence of impacts to soil resulting from a produced water release at the Site. Based on field observations, field screening activities, and soil sample laboratory analytical results, Oxy is submitting this *Closure Request*, describing excavation activities that have occurred and requesting no further remediation for Incident Number NAPP2509129529.

SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in Unit G, Section 03, Township 22 South, Range 31 East, in Eddy County, New Mexico (32.422362°, -103.761465°) and is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (BLM).

On March 25, 2025, a fire resulted in the release of approximately 4 barrels (bbls) of produced water onto the pad. Oxy reported the release to the New Mexico Oil Conservation Division (NMOCD) on a Release Notification Form C-141 (Form C-141) on April 1, 2025. The release was assigned Incident Number NAPP2509129529.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

The Site was characterized to assess the applicability of Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29 (19.15.29) of the New Mexico Administrative Code (NMAC). Results from the characterization desktop review are presented on NMOCD Portal of the Form C-141, Site Assessment/Characterization submitted on April 9, 2025. Potential site receptors are identified on **Figure 4**.

Depth to groundwater at the Site is greater than 100 feet below ground surface (bgs) based on the nearest groundwater well data. On January 12, 2023, a New Mexico State Engineer Office permitted well (C-04691-POD1), located approximately 0.56 miles northeast of the Site, did not encounter groundwater with the well drilled to a depth of 110 feet bgs. The location of the well in relation to the Site is depicted on **Figure 4**. The Well Record is included in **Appendix A**.

Oxy USA Inc. Closure Request Lost Tank 3 Fed 5 CTB

The closest continuously flowing or significant watercourse to the Site is a intermittent stream located approximately 7,341 feet northeast of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (low potential karst designation area). Ensolum, on behalf of Oxy, submitted a varience request for depth to groundwater beign over 100 ft on April 8, 2025 and recived approval on April 9, 2025.

Based on the results of the Site Characterization, the following NMOCD Table I Closure Criteria (Closure Criteria) apply:

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- Total petroleum hydrocarbons (TPH)-gasoline range organics (GRO) and TPH diesel range organics (DRO): 1,000 mg/kg
- Total petroleum hydrocarbons (Total TPH): 2,500 mg/kg
- Chloride: 20,000 mg/kg

DELINEATION ACTIVITIES AND LABORATORY ANALYTICAL RESULTS

On March 31, 2025, Ensolum personnel conducted Site delineation activities to evaluate the release extent based on information provided on the Form C-141 and visual observations. Seven initial soil samples (CS01 through CS07) were collected within the release area, at a depth of 0.25 feet bgs to confirm the lateral extent of the release. The soil samples were field screened for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride using Hach® chloride QuanTab® test strips. Photographic documentation was completed during the Site visit and a photographic log is included as **Appendix B**.

The soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice. The soil samples were transported under strict chain-of-custody procedures to Cardinal Laboratories (Cardinal) in Hobbs, New Mexico, for analysis of the following chemicals of concern (COCs): BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH-GRO, TPH-DRO, and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following Standard Method SM4500Cl-B.

CONFIRMATION SOIL SAMPLING AND EXCAVATION ACTIVITIES

Subsequent to excavation activities, between May 15, 2025, and July 16, 2025, Ensolum personnel returned to the Site to complete confirmation soil sampling of the excavation. A total of 42 composite soil samples were collected from the excavation floor (FS01 through FS42) and were collected every 200 square feet at depths ranging from 0.5 feet bgs to 0.75 feet bgs to confirm compliance with the reclamation requirements. Additionally, three composite soil samples (SW01 through SW03) were collected along the sidewalls of the excavation every 200 square feet. The soil samples were field screened for VOCs and chloride. The soil samples were handled and analyzed following the same procedures as described above.

The soil sample locations were mapped utilizing a handheld Global Positioning System (GPS) unit and are depicted on **Figure 3**. Photographic documentation was completed during the Site visit and a photographic log is included as **Appendix B**.



Oxy USA Inc. Closure Request Lost Tank 3 Fed 5 CTB

Laboratory analytical results for soil samples FS01 through FS42 collected within the excavation area and soil samples SW01 through SW03 collected on the sidewalls of the excavation indicated all COC concentrations were compliant with the reclamation requirement.

The excavation area measured approximately 4,280 square feet. A total of 475 cubic yards of impacted soil were removed during excavation activities. The impacted soil was transported and properly disposed of at Lea Land.

BACKFILLING

Subsequent to the results of the final confirmation soil sampling, the excavated areas were backfilled with clean fill material and contoured to the original surrounding grade. A representative 5-point composite soil sample (Lea Land Caliche Pit) was collected from the backfill material prior to use at the Site. Laboratory analytical results for the backfill soil sample confirmed compliance with the NMOCD requirements for the reclaimed area to be non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg and TPH concentrations less than 100 mg/kg. The laboratory analytical results are summarized in the attached **Table 2** and the complete laboratory analytical report is included in **Appendix C**.

CLOSURE REQUEST

Site assessment and excavation activities were conducted at the Site to address the March 25, 2025, fire and release of produced water. Laboratory analytical results for the soil samples, collected from the final excavation extent, indicated all COC concentrations were compliant with the Closure Criteria. Based on the soil sample laboratory analytical results, no further remediation is required. Oxy has completed backfill of the excavation with material purchased locally and recontoured the Site to match pre-existing site conditions. As such, Oxy respectfully requests closure for Incident Number NAPP2509129529.

If you have any questions or comments, please contact Ms. Samantha MacKenzie at (703) 357-3545 or smackenzie@ensolum.com.

Sincerely, **Ensolum, LLC**

Samantha MacKenzie Staff Geologist

Jamas Maltane

Jessica Kent, Oxy USA Inc. Daniel Sparks, Oxy USA Inc.

New Mexico Bureau of Land Management

Appendices:

CC:

Figures Figure 1 Topographic Map

Figure 2 Site Vicinity Map

Figure 3 Site Map



The gis

Beaux Jennings Associate Principal Oxy USA Inc. Closure Request Lost Tank 3 Fed 5 CTB

> Figure 4 Closure Criteria Map Figure 5 Backfill Site Map

Tables Table 1 Soil Sample Analytical Results

Table 2 Backfill Soil Sample Analytical Results

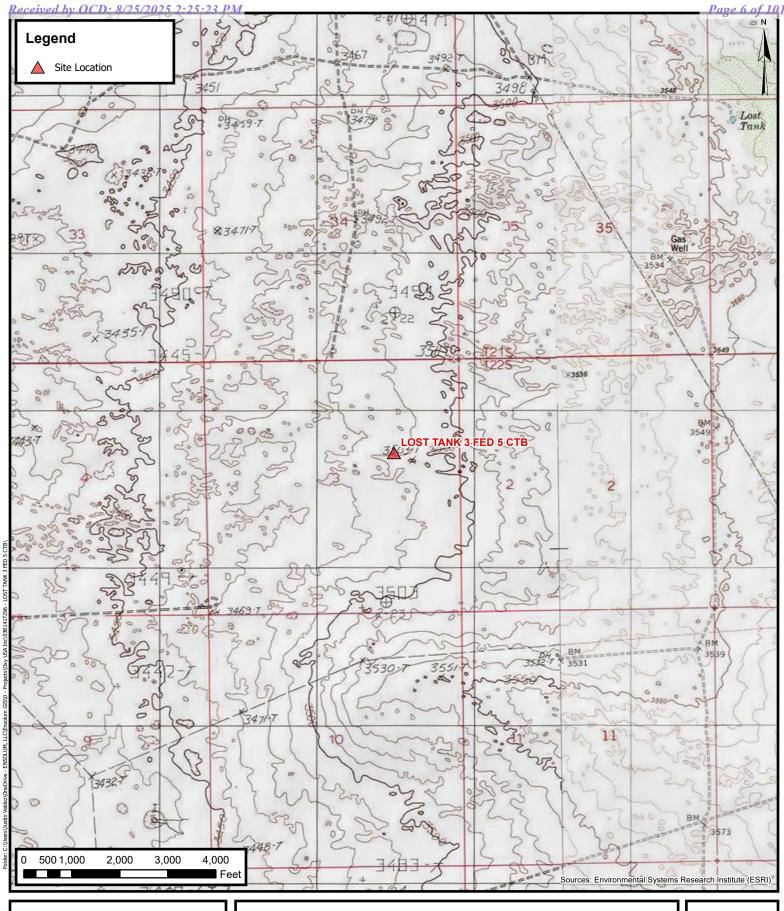
Appendix A Supporting Documentation

Appendix B Photographic Log

Appendix C Laboratory Analytical Reports & Chain-of-Custody Documentation



FIGURES





Topographic MapOxy USA Inc.

Oxy USA Inc.
LOST TANK 3 FED 5 CTB
Project Number: 03B1417296
32.422362, -103.761465
Eddy County, New Mexico

FIGURE 1

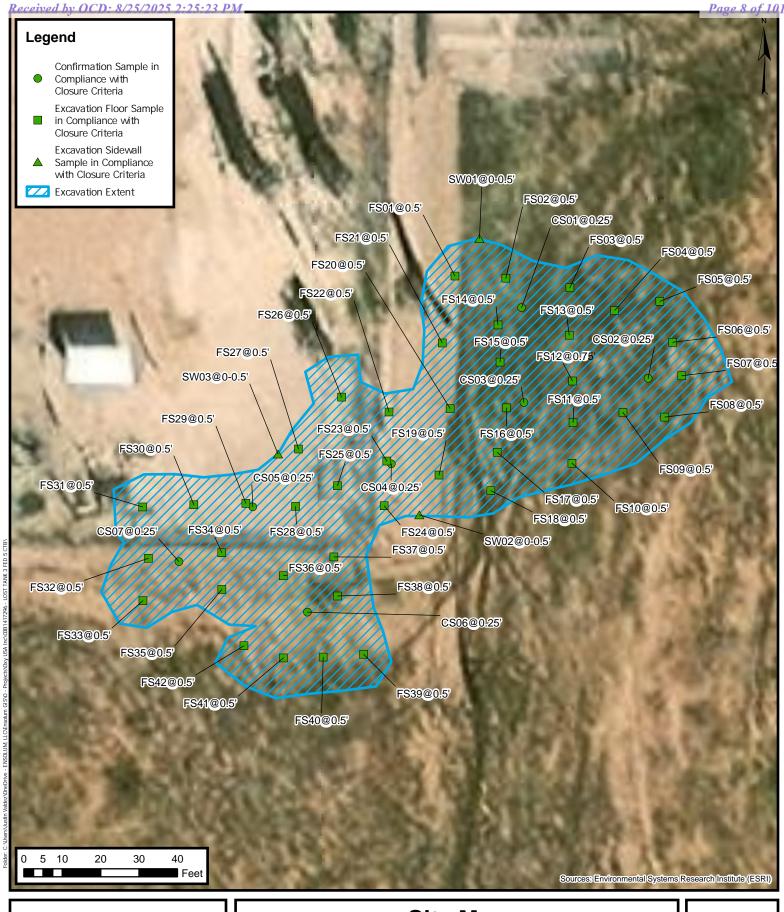




Site Vicinity Map

Oxy USA Inc.
LOST TANK 3 FED 5 CTB
Project Number: 03B1417296
32.422362, -103.761465
Eddy County, New Mexico

FIGURE 2



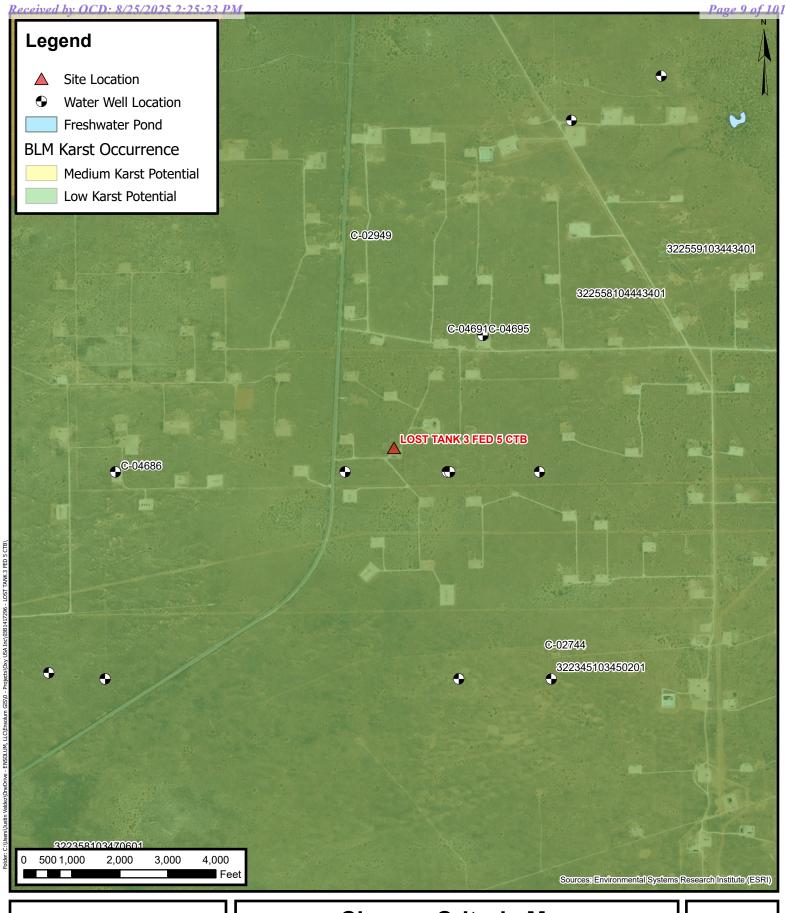


Site Map

Oxy USA Inc.
LOST TANK 3 FED 5 CTB
Project Number: 03B1417296
32.422362, -103.761465
Eddy County, New Mexico

FIGURE 3

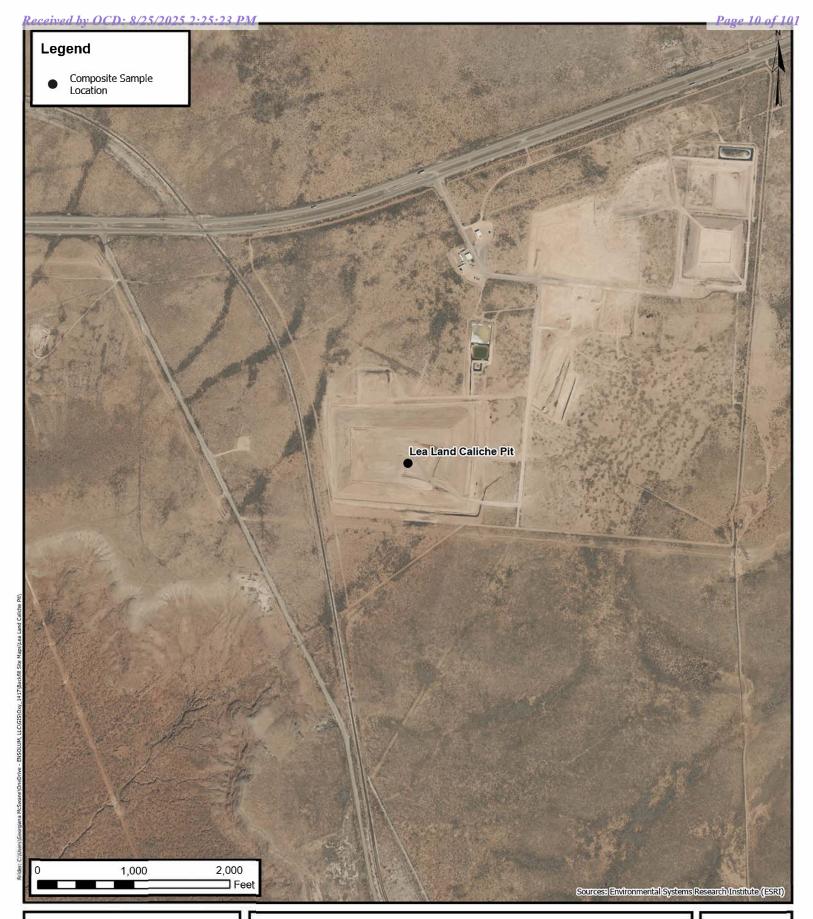
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Closure Criteria Map

Oxy USA Inc. LOST TANK 3 FED 5 CTB Project Number: 03B1417296 32.422362, -103.761465 Eddy County, New Mexico FIGURE 4





Backfill Site Map

Lea Land Caliche Pit 32.5232397° N, 103.7845410° W Lea County, New Mexico FIGURE 5

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TABLES



					TABLE 1					
					LE ANALYTICA					
				LOSI	Tank 3 Federal 5 Oxy USA, Inc.	СТВ				
					County, New Me					
				Ensolum	Project No. 03B	1417296				
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	TPH DRO + GRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria (NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	20,000
				Inital Soil	Sample Analytica	al Results				
CS01	3/31/2025	0.25	<0.050	<0.300	<10.0	2,890	576	2,890	3,466	10,900
CS02	3/31/2025	0.25	<0.050	<0.300	<10.0	154	34.2	154	188	9,440
CS03	3/31/2025	0.25	<0.050	<0.300	<10.0	233	57.1	233	290	10,800
CS04	3/31/2025	0.25	<0.050	<0.300	<10.0	53.9	17.0	53.9	70.9	22,600
CS05	3/31/2025	0.25	<0.050	<0.300	<10.0	<10.0	<10,0	<10.0	<10.0	96.0
CS06	3/31/2025	0.25	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS07	3/31/2025	0.25	<0.050	0.531	75.8	4,850	788	4,926	5,638	6,080
					Soil Sample Analy					
FS01	5/15/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS02	5/15/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS03	5/15/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS04	5/15/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
FS05	5/15/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
FS06	5/15/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS07	5/15/2025	0.5	<0.050	<0.300	<10.0	91.3	<10.0	91.3	91.3	416
FS08	5/15/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
FS09	5/15/2025	0.5	<0.050	<0.300	<10.0	12.5	<10.0	12.5	12.5	176
FS10	5/15/2025	0.5	<0.050	<0.300	<10.0 <10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS11	5/15/2025 5/15/2025	0.5 0.5	<0.050 <0.050	<0.300 <0.300	<10.0	18.0	<10.0 20.1	18.0 57.8	18.0 77.9	448 928
FS12	7/16/2025	0.75	<0.050	<0.300	<10.0	57.8 <10.0	<10.0	<10.0	<10.0	112
FS13	5/15/2025	0.5	<0.050	<0.300	<10.0	44.5	10.8	44.5	55.3	160
FS14	5/15/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
FS15	5/15/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS16	5/15/2025	0.5	<0.050	<0.300	<10.0	38.9	<10.0	38.9	38.9	272
FS17	5/15/2025	0.5	<0.050	<0.300	<10.0	38.8	<10.0	38.8	38.8	272
FS18	5/15/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
FS19	5/15/2025	0.5	<0.050	<0.300	<10.0	56.4	34.6	56.4	91.0	1,140
FS20	5/15/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
FS21	5/15/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS22	5/15/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
FS23	5/15/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,970
FS24	5/15/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
FS25	5/15/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS26	5/15/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
FS27	5/15/2025	0.5	<0.050	<0.300	<10.0	<10.0	12.3	<10.0	12.3	32.0
FS28	5/15/2025	0.5	<0.050	<0.300	<10.0	25.2	84.6	25.2	110	384
FS29	5/15/2025	0.5	<0.050	<0.300	<10.0	189	15.5	189	205	448
FS30	5/15/2025	0.5	<0.050	<0.300	<10.0	30.6	<10.0	30.6	30.6	64.0
FS31	5/15/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
FS32	5/15/2025	0.5	<0.050	<0.300	<10.0 <10.0	32.2 <10.0	<10.0 <10.0	32.2 <10.0	32.2 <10.0	48.0 48.0
FS33 FS34	5/15/2025 5/15/2025	0.5 0.5	<0.050 <0.050	<0.300 <0.300	<10.0	<10.0	<10.0	<10.0 <10.0	<10.0	48.0 64.0
					<10.0					
FS35	5/15/2025	0.5	<0.050 <0.050	<0.300 <0.300	<10.0	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	32.0 16.0
FS36 FS37	5/15/2025 5/15/2025	0.5 0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
FS38	5/15/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS39	5/15/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
FS40	5/15/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
FS41	5/15/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS42	5/15/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
1 572	0/10/2020	0.0	2.000	2.555	-0.0	_0.0	_0.0	_0.0	_0.0	

Notes:

Concentrations in bold and yellow exceed the New Mexico Oil Conservation Division Closure Criteria for Soils Impacted by a Release represents samples that have been excavated mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

GRO: Gasoline Range Organics DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon



TABLE 1

SOIL SAMPLE ANALYTICAL RESULTS Lost Tank 3 Federal 5 CTB

Oxy USA, Inc.

Eddy County, New Mexico Ensolum Project No. 03B1417296

Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)					
NMOCD Table I Closure Criteria (NMAC 19.15.29		NMAC 19.15.29)	10	50	NE	NE	NE	100	600					
			S	Sidewall Soil Sampl	e Analytical Result	ts								
SW01	5/15/2025	0-0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	240					
SW02	SW02 5/15/2025 0-0.5		<0.050	<0.300 <10.0 <10.0 <1		<10.0	<10.0	32.0						
SW03	SW03 5/15/2025 0-0.5		<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	32.0					

Notes:

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

GRO: Gasoline Range Organics DRO: Diesel Range Organics ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon



TABLE 2 BACKFILL SOIL SAMPLE ANALYTICAL RESULTS

Lea Land Caliche Pit Oxy USA, Inc. Lea County, New Mexico Ensolum Project No. NA

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 Conservation Division Closure Criteria for Soils Impacted by a Release (≤ 50 feet)		10	NE	NE	NE	50	NE	NE	NE	100	600
				Co	mposite Backgro	ound Soil Samp	le Analytical Re	sult				
Lea Land Caliche Pit	09/13/2024	NA	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	98.6	<10.0	98.6	560

bgs: below ground surface mg/kg: milligrams per kilogram

NA: Not Applicable 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



APPENDIX A

Supporting Documentation

Samantha MacKenzie

From: Rodgers, Scott, EMNRD <Scott.Rodgers@emnrd.nm.gov>

Sent: Tuesday, June 24, 2025 10:39 AM

To: Samantha MacKenzie

Cc: Beaux Jennings; daniel_sparks@oxy.com; jessica_kent@oxy.com

Subject: RE: [EXTERNAL] Extension Request - LOST TANK 3 FED 5 CTB (Incident ID:

NAPP2509129529)

[**EXTERNAL EMAIL**]

Your time extension request is approved. Remediation Due date has been updated to July 23, 2025 within the incident page. Ensure that the site characterization/assessment report has been completed and is provided within the final closure report.

Please keep a copy of this communication for inclusion within the appropriate reporting documentation.

The OCD requires a copy of all correspondence related to remedial activities be included in all proposals, weekly/monthly/quarterly/semi-annual/annual, or final closure reports. Correspondence reporting requirements may include, but not limited to, time extension requests, sample event notifications, and variance requests.

If you have any questions, please contact me via email at your convenience.

Thank you, Scott

Scott Rodgers ● Environmental Specialist – Adv. Environmental Bureau EMNRD - Oil Conservation Division 5200 Oakland NE, Suite B I Albuquerque, NM 87113.

5200 Oakland NE, Suite B | Albuquerque, NM 87113 505.469.1830 | scott.rodgers@emnrd.nm.gov

http://www.emnrd.nm.gov/ocd



From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>

Sent: Monday, June 23, 2025 4:56 PM

To: Rodgers, Scott, EMNRD <Scott.Rodgers@emnrd.nm.gov> **Cc:** Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>

Subject: FW: [EXTERNAL] Extension Request - LOST TANK 3 FED 5 CTB (Incident ID: NAPP2509129529)

From: Samantha MacKenzie < smackenzie@ensolum.com>

Sent: Monday, June 23, 2025 4:12 PM

To: Enviro, OCD, EMNRD < OCD. Enviro@emnrd.nm.gov>

Subject: [EXTERNAL] Extension Request - LOST TANK 3 FED 5 CTB (Incident ID: NAPP2509129529)

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

Hello,

On behalf of Oxy USA, Inc, Ensolum, LLC would like to request a 30-day extension for the LOST TANK 3 FED 5 CTB (Incident ID: NAPP2509129529). The due date was June 23, 2025, Oxy would appreciate an additional 30 extension making the new deadline July 23, 2025.

The site has been fully remediated and needs to be backfilled, we would like an additional 30 days to complete the backfill and drafting of the closure report. We humbly ask for an extension so that we may complete the backfill as well as the report and so it can be thoroughly reviewed before submitting the final copy to the portal. Please let us know if you have any questions.

Thank you,



Samantha MacKenzie

From: Rodgers, Scott, EMNRD <Scott.Rodgers@emnrd.nm.gov>

Sent: Monday, July 21, 2025 12:12 PM

To: Samantha MacKenzie

Cc: daniel_sparks@oxy.com; jessica_kent@oxy.com

Subject: RE: [EXTERNAL] Extension Request - LOST TANK 3 FED 5 CTB (Incident ID:

NAPP2509129529)

[**EXTERNAL EMAIL**]

Your time extension request is approved. Please note that this is the second and final extension request approval. Remediation Due date has been updated to August 23, 2025 within the incident page. Ensure that the site characterization/assessment report has been completed and is provided within the final closure report.

Please keep a copy of this communication for inclusion within the appropriate reporting documentation.

The OCD requires a copy of all correspondence related to remedial activities be included in all proposals, weekly/monthly/quarterly/semi-annual/annual, or final closure reports. Correspondence reporting requirements may include, but not limited to, time extension requests, sample event notifications, and variance requests.

If you have any questions, please contact me via email at your convenience.

Thank you, Scott

Scott Rodgers ● Environmental Specialist – Adv. Environmental Bureau EMNRD - Oil Conservation Division 5200 Oakland NE, Suite B | Albuquerque, NM 87113 505.469.1830 | scott.rodgers@emnrd.nm.gov http://www.emnrd.nm.gov/ocd



From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>

Sent: Monday, July 21, 2025 7:10 AM

To: Rodgers, Scott, EMNRD <Scott.Rodgers@emnrd.nm.gov> **Cc:** Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>

Subject: FW: [EXTERNAL] Extension Request - LOST TANK 3 FED 5 CTB (Incident ID: NAPP2509129529)

From: Samantha MacKenzie < smackenzie@ensolum.com >

Sent: Friday, July 18, 2025 6:19 PM

To: Enviro, OCD, EMNRD < OCD. Enviro@emnrd.nm.gov >

Cc: Sparks, Daniel (DANOS LLC) < daniel_sparks@oxy.com">daniel_sparks@oxy.com; Kent, Jessica < jessica_kent@oxy.com>
Subject: [EXTERNAL] Extension Request - LOST TANK 3 FED 5 CTB (Incident ID: NAPP2509129529)

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Hello,

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The site has been fully remediated and backfilled, we would like an additional 30 days to complete the drafting of the closure report. We humbly ask for an extension so that we may complete the report and so it can be thoroughly reviewed before submitting the final copy to the portal. Please let us know if you have any questions.

Thank you,





Outlook

RE: [EXTERNAL] Oxy - Closure Criteria Variance Request - LOST TANK 3 FED 5 CTB (Incident ID: NAPP2509129529)

From Rodgers, Scott, EMNRD <Scott.Rodgers@emnrd.nm.gov>

Date Wed 4/9/2025 12:40 PM

To Samantha MacKenzie <smackenzie@ensolum.com>

Cc Wade Dittrich <Wade_Dittrich@oxy.com>; jessica_kent@oxy.com <jessica_kent@oxy.com>; Beaux Jennings <bjennings@ensolum.com>

[**EXTERNAL EMAIL**]

Good morning,

The variance request for DTGW determination of greater than 100' is approved. Please note that the initial C-141 due date is 4/9/2025 and the remediation plan/closure report due date is 6/23/2025.

The OCD requires a copy of all correspondence related to remedial projects i.e., variances, deferrals, and notifications from 19.15.29 NMAC be included in all proposal and/or final closure reports.

Thank you, Scott

Scott Rodgers • Environmental Specialist – Adv.

Environmental Bureau
EMNRD - Oil Conservation Division
5200 Oakland NE, Suite B | Albuquerque, NM 87113
505.469.1830 | scott.rodgers@emnrd.nm.gov
http://www.emnrd.nm.gov/ocd_



From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>

Sent: Tuesday, April 8, 2025 3:40 PM

To: Rodgers, Scott, EMNRD <Scott.Rodgers@emnrd.nm.gov>
Cc: Bratcher. Michael. EMNRD <mike.bratcher@emnrd.nm.gov>

Subject: FW: [EXTERNAL] Oxy - Closure Criteria Variance Request - LOST TANK 3 FED 5 CTB (Incident ID: NAPP2509129529)

From: Samantha MacKenzie <smackenzie@ensolum.com>

Sent: Tuesday, April 8, 2025 3:37 PM

To: Enviro, OCD, EMNRD < OCD. Enviro@emnrd.nm.gov>

Cc: Dittrich, John W Wade Dittrich@oxy.com; Jessica Kent@oxy.com; Beaux Jennings Subject: [EXTERNAL] Oxy - Closure Criteria Variance Request - LOST TANK 3 FED 5 CTB (Incident ID: NAPP2509129529)

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

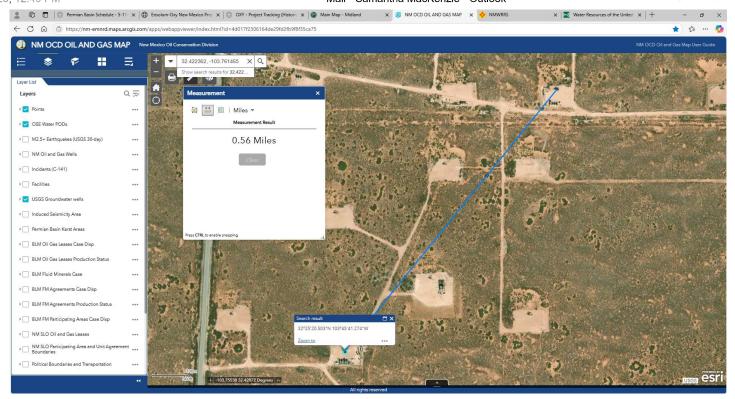
On behalf of Oxy USA Inc, Ensolum, LLC would like to request a Closure Criteria Variance for the LOST TANK 3 FED 5 CTB (Incident ID: NAPP2509129529).

LOST TANK 3 FED 5 CTB (Incident ID: NAPP2509129529)

 An equipment failure on a flow line resulted a fire and in the release of 4 barrels of produced water, with 0 barrels of produced water recovered. The Site will be vertically and laterally delineated per NMAC 19.15.29.

Attached is groundwater research from the area surrounding the release. All nearby USGS and NMOSE wells indicate depth to groundwater greater than 110 feet bgs. The nearest borehole (C-04691-POD1) with depth to groundwater data is located 0.56 miles northeast of the release area and has a recorded total depth of the well at 110 feet bgs with no groundwater encountered from January 2023.

Due to the regional depth to groundwater being greater than 110 feet bgs and the site being in low potential karst area, Ensolum requests a Closure Criteria Variance to reflect groundwater > 100 feet as shown in Table 1 of 19.15.29.12 NMAC for all remediation in areas not reasonably needed for production or subsequent drilling operations (off-pad pasture areas) greater than 4 feet bgs.



Please let me know if you have any questions,





WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

N	OSE POD NO.		NO.) 5B-1		1	WELL TAG ID N	0.		OSE FILE NO(S C-4691	8).			
OCATIC	WELL OWNE								PHONE (OPTIO 575-390-282				
WELL L	WELL OWNE		NG ADDRESS						CITY HOUSTON		STATE TX	77210	ZIP
GENERAL AND WELL LOCATION	WELL LOCATION (FROM GP	L-1	LATITUDE	DEGRE 32		MINUTES 25 45		NDS 3194 N 368 W	_	REQUIRED: ONE TENT	TH OF A S	SECOND	
ENE		1	LONGITUDE TING WELL LOCA						S (SECTION, TO	WNSHJIP, RANGE) WHI	ERE AVA	ILABLE	
1.6			STATE # 4 CTI										
	LICENSE NO WD-1		NAME OF LI	CENSED DRI		L SOUTHE	RLAND			NAME OF WELL DRI WEST TEXAS			RVICE
	DRILLING ST		DRILLING EI 01/12/20		PTH OF COM	PLETED WELL ((FT)	BORE HO	LE DEPTH (FT)	DEPTH WATER FIRS	T ENCO	UNTERED (FT)	
	COMPLETE	O WELL I	S: ARTESI	AN 🔽	DRY HOLE	SHALL	.OW (UNC	ONFINED)		STATIC WATER LEV	EL IN CO		LL (FT)
TION	DRILLING F	LUID:	✓ AIR		MUD	ADDIT	IVES – SPI	ECIFY:					
RMA	DRILLING M	ETHOD:	✓ ROTAR	Y [HAMMER	CABLE	TOOL	ОТНЕ	R – SPECIFY:				
2. DRILLING & CASING INFORMATION	DEPTH FROM	(feet bg	DORE	M	(include each casing string, and				ASING NECTION TYPE ling diameter)	CASING INSIDE DIAM. (inches)	TH	NG WALL ICKNESS inches)	SLOT SIZE (inches)
NG & C.					NO CA	SING IN HO	LE						
RILLI													
2. D													
										н			
	DEPTH	(feet bg	Donce			T ANNULAR				AMOUNT		METHO	
ANNULAR MATERIAL	FROM	TO	DIAM. (inches)	GRAV	EL PACK SIZ	ZE-RANC	E BY INT	ERVAL	(cubic feet)	+	PLACEN	VIENI
MATE							N/A						
LAR											_		
NND													
3. A													
	000 000		ICE						W/D 1	0 WELL RECORD	&LOG	(Version 04/3	30/19)
	E NO. C_{-}	46	91-DO	14	5B	POD	NO.	SB			32	3	
LO	CATION W	ion	J. 21	. 31.	35.	333			WELL TAG	DNO. NA	1	PAGE	2 1 OF 2

									Jan Kalin	Automotiva di albania		
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	1	24				SAND				Y	✓ N	
	24	40				OKEN ROC	K			Y	✓ N	
	40	45			BROKI	EN ROCK				Y	✓ N	
	45	60			RED	SAND				Y	✓ N	
د	60	64			TAN	SAND				Y	✓ N	
4. HYDROGEOLOGIC LOG OF WELL	64	110		SA	NDY RED SHA	LE & SAND	STONE			Y	✓ N	
OF W										Y	N	4
90										Y	N	
CL							-	0		Y	N	
(DO)										Y	N	
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900				52	and the same of th					Y	N	
XDF										Y	N	
4. H										Y	N	
										Y	N	
										Y	N	
									- 1	Y	N	
	,									Y	N	
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	METHOD I	ISED TO ES	TIMATE YIELD	OF WATER-BEARING	G STRATA:				TOTA	AL ESTIN	MATED	
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VISI	MISCELLA	NEOUS IN	FORMATION:									
PER												
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EST	PRINT NA	ME(S) OF D	RILL RIG SUPE	RVISOR(S) THAT PRO	VIDED ONSIT	E SUPERVIS	SION OF	WELL CON	ISTRU	CTION O	THER TH	AN LICENSEE:
5. T	RUSSELL											
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URE	WELL REC	ORD WILL	ALSO BE FILEI	WITH THE PERMIT I	HOLDER WITH	IIN 30 DAYS	AFTER	THE COMP	LETIO	N OF WE	LL DRILL	ING.
NAT			1 1/	7 /								
6. SIGNATURE	Kunn	opt	2011/	RUSSEI	L SOUTHER	LAND				01/1	2/2023	
6.	J. W.KEL	SIGNAT	TURE OF DRILL	ER / PRINT SIGNEE	NAME						DATE	
E.C.	n oge nymer	NIAL LIGE						WR_20 WE	II PP	CORD &	LOG (Ver	rsion 04/30/2019)
	R OSE INTER	1091	1464	< R-1	POD NO.	SB-1		TRN NO.	73	353	_	51011 07/30/2019)
	CATION \	10.0		. 35.333		35 /	WELL	TAG ID NO.	_,_	NA		PAGE 2 OF 2



APPENDIX B

Photographic Log



Photographic Log

Oxy USA Inc.
Lost Tank 3 Fed 5 CTB
Incident Number NAPP2509129529





Photograph: 1 Date: 3/31/2025

Description: Release footprint

View: Northeast

Photograph: 2 Date: 3/31/2025

Description: Release footprint

View: West





Photograph: 3 Date: 4/17/2025

Description: Site Visit View: Southeast

Photograph: 4 Date: 7/16/2025

Description: Backfill View: West



Photographic Log

Oxy USA Inc.
Lost Tank 3 Fed 5 CTB
Incident Number NAPP2509129529





Photograph: 5 Date: 7/16/2025

Description: Backfill View: East

Photograph: 6 Date: 7/16/2025

Description: Backfill View: West





Photograph: 7 Date: 7/16/2025

Description: Backfill View: West

Photograph: 8 Date: 7/16/2025

Description: Backfill View: West



APPENDIX C

Laboratory Analytical Reports & Chain of Custody Documentation



April 07, 2025

SAMANTHA MACKENZIE

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: LOST TANK 3 FED 5 CTB

Enclosed are the results of analyses for samples received by the laboratory on 04/01/25 9:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. 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 SAMANTHA MACKENZIE 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 04/01/2025 Reported: 04/07/2025

LOST TANK 3 FED 5 CTB

Project Name: LOST TANK 3
Project Number: 03B1417296

Project Location: OXY - EDDY COUNTY

Sampling Date: 03/31/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shari Cisneros

Sample ID: CS 01 (0.25') (H251901-01)

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	04/02/2025	ND	1.99	99.4	2.00	4.50	
Toluene*	<0.050	0.050	04/02/2025	ND	2.07	104	2.00	5.50	
Ethylbenzene*	<0.050	0.050	04/02/2025	ND	2.03	102	2.00	6.44	
Total Xylenes*	<0.150	0.150	04/02/2025	ND	5.98	99.7	6.00	6.67	
Total BTEX	<0.300	0.300	04/02/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10900	16.0	04/01/2025	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	04/01/2025	ND	209	104	200	3.10	
DRO >C10-C28*	2890	10.0	04/01/2025	ND	201	100	200	3.58	
EXT DRO >C28-C36	576	10.0	04/01/2025	ND					
Surrogate: 1-Chlorooctane	90.2	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	147	% 40.6-15	3						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



Analytical Results For:

ENSOLUM, LLC SAMANTHA MACKENZIE 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 04/01/2025 Reported: 04/07/2025

LOST TANK 3 FED 5 CTB

Project Number: 03B1417296

Project Location: **OXY - EDDY COUNTY** Sampling Date: 03/31/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shari Cisneros

Sample ID: CS 02 (0.25') (H251901-02)

Project Name:

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	04/02/2025	ND	1.99	99.4	2.00	4.50	
Toluene*	<0.050	0.050	04/02/2025	ND	2.07	104	2.00	5.50	
Ethylbenzene*	<0.050	0.050	04/02/2025	ND	2.03	102	2.00	6.44	
Total Xylenes*	<0.150	0.150	04/02/2025	ND	5.98	99.7	6.00	6.67	
Total BTEX	<0.300	0.300	04/02/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.4	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9440	16.0	04/01/2025	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	04/01/2025	ND	209	104	200	3.10	
DRO >C10-C28*	154	10.0	04/01/2025	ND	201	100	200	3.58	
EXT DRO >C28-C36	34.2	10.0	04/01/2025	ND					
Surrogate: 1-Chlorooctane	86.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	91.2	% 40.6-15	3						

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Celey D. Keene



Analytical Results For:

ENSOLUM, LLC SAMANTHA MACKENZIE 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 04/01/2025 Reported: 04/07/2025

Project Name: LOST TANK 3 FED 5 CTB

Project Number: 03B1417296

Project Location: **OXY - EDDY COUNTY** Sampling Date: 03/31/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shari Cisneros

Sample ID: CS 03 (0.25') (H251901-03)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/02/2025	ND	1.99	99.4	2.00	4.50	
Toluene*	<0.050	0.050	04/02/2025	ND	2.07	104	2.00	5.50	
Ethylbenzene*	<0.050	0.050	04/02/2025	ND	2.03	102	2.00	6.44	
Total Xylenes*	<0.150	0.150	04/02/2025	ND	5.98	99.7	6.00	6.67	
Total BTEX	<0.300	0.300	04/02/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.1	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10800	16.0	04/01/2025	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	04/01/2025	ND	209	104	200	3.10	
DRO >C10-C28*	233	10.0	04/01/2025	ND	201	100	200	3.58	
EXT DRO >C28-C36	57.1	10.0	04/01/2025	ND					
Surrogate: 1-Chlorooctane	80.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	86.5	% 40.6-15	3						

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Celey D. Keene



Analytical Results For:

ENSOLUM, LLC SAMANTHA MACKENZIE 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 04/01/2025 Reported: 04/07/2025

Project Name: LOST TANK 3 FED 5 CTB

Project Number: 03B1417296

Project Location: OXY - EDDY COUNTY

Sampling Date: 03/31/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact

Sample Received By: Shari Cisneros

Sample ID: CS 04 (0.25') (H251901-04)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/02/2025	ND	1.99	99.4	2.00	4.50	
Toluene*	<0.050	0.050	04/02/2025	ND	2.07	104	2.00	5.50	
Ethylbenzene*	<0.050	0.050	04/02/2025	ND	2.03	102	2.00	6.44	
Total Xylenes*	<0.150	0.150	04/02/2025	ND	5.98	99.7	6.00	6.67	
Total BTEX	<0.300	0.300	04/02/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.9	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	22600	16.0	04/01/2025	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	04/01/2025	ND	209	104	200	3.10	
DRO >C10-C28*	53.9	10.0	04/01/2025	ND	201	100	200	3.58	
EXT DRO >C28-C36	17.0	10.0	04/01/2025	ND					
Surrogate: 1-Chlorooctane	89.2	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	90.6	% 40.6-15	3						

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Celey D. Keene



Analytical Results For:

ENSOLUM, LLC SAMANTHA MACKENZIE 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 04/01/2025 Reported: 04/07/2025

LOST TANK 3 FED 5 CTB

Project Name:

Project Number: 03B1417296

Project Location: **OXY - EDDY COUNTY** Sampling Date: 03/31/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shari Cisneros

Sample ID: CS 05 (0.25') (H251901-05)

RTFY 8021R

BIEX 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	04/02/2025	ND	1.97	98.4	2.00	4.78	
Toluene*	<0.050	0.050	04/02/2025	ND	2.03	102	2.00	3.34	
Ethylbenzene*	<0.050	0.050	04/02/2025	ND	2.30	115	2.00	2.60	
Total Xylenes*	<0.150	0.150	04/02/2025	ND	7.04	117	6.00	2.48	
Total BTEX	<0.300	0.300	04/02/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/01/2025	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	04/01/2025	ND	209	104	200	3.10	
DRO >C10-C28*	<10.0	10.0	04/01/2025	ND	201	100	200	3.58	
EXT DRO >C28-C36	<10.0	10.0	04/01/2025	ND					
Surrogate: 1-Chlorooctane	86.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	85.8	% 40.6-15	3						

Applyzod By: 14

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Celey D. Keine



Analytical Results For:

ENSOLUM, LLC SAMANTHA MACKENZIE 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 04/01/2025 Reported: 04/07/2025

LOST TANK 3 FED 5 CTB

Project Name: Project Number: 03B1417296

Project Location: **OXY - EDDY COUNTY** Sampling Date: 03/31/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shari Cisneros

Sample ID: CS 06 (0.25') (H251901-06)

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	04/02/2025	ND	1.97	98.4	2.00	4.78	
Toluene*	<0.050	0.050	04/02/2025	ND	2.03	102	2.00	3.34	
Ethylbenzene*	<0.050	0.050	04/02/2025	ND	2.30	115	2.00	2.60	
Total Xylenes*	<0.150	0.150	04/02/2025	ND	7.04	117	6.00	2.48	
Total BTEX	<0.300	0.300	04/02/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	121	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/01/2025	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	04/01/2025	ND	209	104	200	3.10	
DRO >C10-C28*	<10.0	10.0	04/01/2025	ND	201	100	200	3.58	
EXT DRO >C28-C36	<10.0	10.0	04/01/2025	ND					
Surrogate: 1-Chlorooctane	80.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	78.8	% 40.6-15	3						

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Celey D. Keene



Analytical Results For:

ENSOLUM, LLC SAMANTHA MACKENZIE 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 04/01/2025 Reported: 04/07/2025

Project Name: LOST TANK 3 FED 5 CTB

Project Number: 03B1417296

Project Location: **OXY - EDDY COUNTY** Sampling Date: 03/31/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shari Cisneros

Sample ID: CS 07 (0.25') (H251901-07)

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	04/02/2025	ND	1.97	98.4	2.00	4.78	
Toluene*	<0.050	0.050	04/02/2025	ND	2.03	102	2.00	3.34	
Ethylbenzene*	0.092	0.050	04/02/2025	ND	2.30	115	2.00	2.60	
Total Xylenes*	0.439	0.150	04/02/2025	ND	7.04	117	6.00	2.48	GC-NC1
Total BTEX	0.531	0.300	04/02/2025	ND					GC-NC1
Surrogate: 4-Bromofluorobenzene (PID	131	% 71.5-13	14						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6080	16.0	04/01/2025	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*	75.8	10.0	04/02/2025	ND	209	104	200	3.10	
DRO >C10-C28*	4850	10.0	04/02/2025	ND	201	100	200	3.58	
EXT DRO >C28-C36	788	10.0	04/02/2025	ND					
Surrogate: 1-Chlorooctane	103	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	148	% 40.6-15	3						

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Notes and Definitions

GC-NC1 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with

interfering compounds.

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



101 East Marland, Hobbs, NM 88240

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			#140 r +0.3°C	Correction Factor +	Corre	Yes Yes	70	Corrected Temp. °C	Bus - Other:	Sampler - IIPS - Bus - Other:
☐ Yes ☐ Yes		Kusn	5	5				Observed Temp. To He	Circle One)	belivered By: (Circle One)
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Add'l Phone #:	Add'	□ No	□ Yes	Verbal Result:	any of the above stated reasons or Verb	regardless of whether such claim is based upon any of the above stated	inal, regardless of w	nce of services hereunder by Cardinal	Cardinal be liable for incidental or colliser sing out of or related to the performance	service. In no event shall C
				ubsidiaries,	loss of profits incurred by client, its s	made in writing and received by C less interruptions, loss of use, or	med waived unless in thout limitation, busing	ner cause whatsoever shall be dee	PLEASE NOTE: Liability and utilitatives continued an other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal writin a uses are composed to an any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal writin a uses are composed to an any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal writin a uses of the cause whatsoever shall be deemed waived unless made in writing and received by Cardinal writin a uses of the cause whatsoever shall be deemed waived unless made in writing and received by Cardinal writin a uses of the cause whatsoever shall be deemed waived unless made in writing and received by Cardinal writin a uses of the cause whatsoever shall be deemed waived unless made in writing and received by Cardinal writin a uses of the cause whatsoever shall be deemed waived unless made in writing and received by Cardinal writin a uses of the cause whatsoever shall be deemed waived unless made in writing and received by Cardinal writin a use of the cause what waived waived without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries,	analyses. All claims includ
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ANALYSIS REQUEST	ANAL				20.110			X (575) 393-24/6	(575) 393-2326 FAX (575) 393-2476	
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Page 10 of 10



May 22, 2025

SAMANTHA MACKENZIE

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: LOST TANK 3 FED 5 CTB

Enclosed are the results of analyses for samples received by the laboratory on 05/16/25 9:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. 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 SAMANTHA MACKENZIE 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 05/16/2025 Reported: 05/22/2025

Project Name: LOST TANK 3 FED 5 CTB

Project Number: 03B1417296

Project Location: OXY - EDDY COUNTY

Sampling Date: 05/15/2025

Sampling Type: Soil

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

Sample ID: FS 01 0.5' (H252961-01)

DTEV 0021D

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	05/18/2025	ND	2.08	104	2.00	4.28	
Toluene*	<0.050	0.050	05/18/2025	ND	2.13	107	2.00	4.47	
Ethylbenzene*	<0.050	0.050	05/18/2025	ND	2.08	104	2.00	4.34	
Total Xylenes*	<0.150	0.150	05/18/2025	ND	6.14	102	6.00	4.23	
Total BTEX	<0.300	0.300	05/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/20/2025	ND	400	100	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	05/16/2025	ND	182	90.8	200	0.795	
DRO >C10-C28*	<10.0	10.0	05/16/2025	ND	178	88.9	200	0.0607	
EXT DRO >C28-C36	<10.0	10.0	05/16/2025	ND					
Surrogate: 1-Chlorooctane	106	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	112 9	% 40.6-15	3						

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Celey D. Keene



Analytical Results For:

ENSOLUM, LLC SAMANTHA MACKENZIE 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 05/16/2025 Reported: 05/22/2025

Project Name: LOST TANK 3 FED 5 CTB

Project Number: 03B1417296

Project Location: OXY - EDDY COUNTY

Sampling Date: 05/15/2025

Sampling Type: Soil

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

Sample ID: FS 02 0.5' (H252961-02)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/18/2025	ND	2.08	104	2.00	4.28	
Toluene*	<0.050	0.050	05/18/2025	ND	2.13	107	2.00	4.47	
Ethylbenzene*	<0.050	0.050	05/18/2025	ND	2.08	104	2.00	4.34	
Total Xylenes*	<0.150	0.150	05/18/2025	ND	6.14	102	6.00	4.23	
Total BTEX	<0.300	0.300	05/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/20/2025	ND	400	100	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	05/16/2025	ND	182	90.8	200	0.795	
DRO >C10-C28*	<10.0	10.0	05/16/2025	ND	178	88.9	200	0.0607	
EXT DRO >C28-C36	<10.0	10.0	05/16/2025	ND					
Surrogate: 1-Chlorooctane	94.8	% 44.4-14	25						
Surrogate: 1-Chlorooctadecane	107	% 40.6-15	3						

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Celey D. Keene



Analytical Results For:

ENSOLUM, LLC SAMANTHA MACKENZIE 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 05/16/2025 Reported: 05/22/2025

Project Name: LOST TANK 3 FED 5 CTB

Project Number: 03B1417296

OXY - EDDY COUNTY Project Location:

Sampling Date: 05/15/2025

Sampling Type: Soil

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

Sample ID: FS 03 0.5' (H252961-03)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/18/2025	ND	2.08	104	2.00	4.28	
Toluene*	<0.050	0.050	05/18/2025	ND	2.13	107	2.00	4.47	
Ethylbenzene*	<0.050	0.050	05/18/2025	ND	2.08	104	2.00	4.34	
Total Xylenes*	<0.150	0.150	05/18/2025	ND	6.14	102	6.00	4.23	
Total BTEX	<0.300	0.300	05/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/20/2025	ND	400	100	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	05/16/2025	ND	182	90.8	200	0.795	
DRO >C10-C28*	<10.0	10.0	05/16/2025	ND	178	88.9	200	0.0607	
EXT DRO >C28-C36	<10.0	10.0	05/16/2025	ND					
Surrogate: 1-Chlorooctane	100 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	108 9	% 40.6-15	3						

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Celey D. Keene



Analytical Results For:

ENSOLUM, LLC SAMANTHA MACKENZIE 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 05/16/2025 Reported: 05/22/2025

Project Name: LOST TANK 3 FED 5 CTB

Project Number: 03B1417296

Project Location: OXY - EDDY COUNTY

Sampling Date: 05/15/2025

Sampling Type: Soil

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

Sample ID: FS 04 0.5' (H252961-04)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/18/2025	ND	2.08	104	2.00	4.28	
Toluene*	<0.050	0.050	05/18/2025	ND	2.13	107	2.00	4.47	
Ethylbenzene*	<0.050	0.050	05/18/2025	ND	2.08	104	2.00	4.34	
Total Xylenes*	<0.150	0.150	05/18/2025	ND	6.14	102	6.00	4.23	
Total BTEX	<0.300	0.300	05/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	05/20/2025	ND	400	100	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	05/17/2025	ND	182	90.8	200	0.795	
DRO >C10-C28*	<10.0	10.0	05/17/2025	ND	178	88.9	200	0.0607	
EXT DRO >C28-C36	<10.0	10.0	05/17/2025	ND					
Surrogate: 1-Chlorooctane	103	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	110	% 40.6-15	3						

Applyzod By: 14

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Celey & Keene



Analytical Results For:

ENSOLUM, LLC SAMANTHA MACKENZIE 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 05/16/2025 Reported: 05/22/2025

Project Name: LOST TANK 3 FED 5 CTB

Project Number: 03B1417296

Project Location: OXY - EDDY COUNTY

Sampling Date: 05/15/2025

Sampling Type: Soil

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

Sample ID: FS 05 0.5' (H252961-05)

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	05/18/2025	ND	2.08	104	2.00	4.28	
Toluene*	<0.050	0.050	05/18/2025	ND	2.13	107	2.00	4.47	
Ethylbenzene*	<0.050	0.050	05/18/2025	ND	2.08	104	2.00	4.34	
Total Xylenes*	<0.150	0.150	05/18/2025	ND	6.14	102	6.00	4.23	
Total BTEX	<0.300	0.300	05/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/20/2025	ND	400	100	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	05/17/2025	ND	182	90.8	200	0.795	
DRO >C10-C28*	<10.0	10.0	05/17/2025	ND	178	88.9	200	0.0607	
EXT DRO >C28-C36	<10.0	10.0	05/17/2025	ND					
Surrogate: 1-Chlorooctane	96.7	% 44.4-14	75						
Surrogate: 1-Chlorooctadecane	103	% 40.6-15	3						

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Analytical Results For:

ENSOLUM, LLC SAMANTHA MACKENZIE 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 05/16/2025 Reported: 05/22/2025

Project Name: LOST TANK 3 FED 5 CTB

Project Number: 03B1417296

OXY - EDDY COUNTY Project Location:

Sampling Date: 05/15/2025

Sampling Type: Soil

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

Sample ID: FS 06 0.5' (H252961-06)

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	05/18/2025	ND	2.08	104	2.00	4.28	
Toluene*	<0.050	0.050	05/18/2025	ND	2.13	107	2.00	4.47	
Ethylbenzene*	< 0.050	0.050	05/18/2025	ND	2.08	104	2.00	4.34	
Total Xylenes*	<0.150	0.150	05/18/2025	ND	6.14	102	6.00	4.23	
Total BTEX	<0.300	0.300	05/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.7	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/20/2025	ND	400	100	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	05/17/2025	ND	182	90.8	200	0.795	
DRO >C10-C28*	<10.0	10.0	05/17/2025	ND	178	88.9	200	0.0607	
EXT DRO >C28-C36	<10.0	10.0	05/17/2025	ND					
Surrogate: 1-Chlorooctane	96.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	105 9	% 40.6-15	3						

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Analytical Results For:

ENSOLUM, LLC SAMANTHA MACKENZIE 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 05/16/2025 Reported: 05/22/2025

Project Name: LOST TANK 3 FED 5 CTB

Project Number: 03B1417296

OXY - EDDY COUNTY Project Location:

Sampling Date: 05/15/2025

Sampling Type: Soil

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

Sample ID: FS 07 0.5' (H252961-07)

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	05/18/2025	ND	2.08	104	2.00	4.28	
Toluene*	<0.050	0.050	05/18/2025	ND	2.13	107	2.00	4.47	
Ethylbenzene*	<0.050	0.050	05/18/2025	ND	2.08	104	2.00	4.34	
Total Xylenes*	<0.150	0.150	05/18/2025	ND	6.14	102	6.00	4.23	
Total BTEX	<0.300	0.300	05/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	05/20/2025	ND	400	100	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	05/17/2025	ND	182	90.8	200	0.795	
DRO >C10-C28*	91.3	10.0	05/17/2025	ND	178	88.9	200	0.0607	
EXT DRO >C28-C36	<10.0	10.0	05/17/2025	ND					
Surrogate: 1-Chlorooctane	106 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	120 9	2% 40.6-15	3						

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Analytical Results For:

ENSOLUM, LLC SAMANTHA MACKENZIE 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 05/16/2025 Reported: 05/22/2025

Project Name: LOST TANK 3 FED 5 CTB

Project Number: 03B1417296

Project Location: OXY - EDDY COUNTY

Sampling Date: 05/15/2025

Sampling Type: Soil

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

Sample ID: FS 08 0.5' (H252961-08)

RTFY 8021R

BIEX 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	05/18/2025	ND	2.08	104	2.00	4.28	
Toluene*	<0.050	0.050	05/18/2025	ND	2.13	107	2.00	4.47	
Ethylbenzene*	<0.050	0.050	05/18/2025	ND	2.08	104	2.00	4.34	
Total Xylenes*	<0.150	0.150	05/18/2025	ND	6.14	102	6.00	4.23	
Total BTEX	<0.300	0.300	05/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/20/2025	ND	400	100	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	05/17/2025	ND	182	90.8	200	0.795	
DRO >C10-C28*	<10.0	10.0	05/17/2025	ND	178	88.9	200	0.0607	
EXT DRO >C28-C36	<10.0	10.0	05/17/2025	ND					
Surrogate: 1-Chlorooctane	108	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	118	% 40.6-15	3						

Applyzod By: 14

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Analytical Results For:

ENSOLUM, LLC SAMANTHA MACKENZIE 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 05/16/2025 Reported: 05/22/2025

Project Name: LOST TANK 3 FED 5 CTB

Project Number: 03B1417296

Project Location: OXY - EDDY COUNTY

Sampling Date: 05/15/2025

Sampling Type: Soil

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

Sample ID: FS 09 0.5' (H252961-09)

RTFY 8021R

BIEX 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	05/18/2025	ND	2.08	104	2.00	4.28	
Toluene*	<0.050	0.050	05/18/2025	ND	2.13	107	2.00	4.47	
Ethylbenzene*	<0.050	0.050	05/18/2025	ND	2.08	104	2.00	4.34	
Total Xylenes*	<0.150	0.150	05/18/2025	ND	6.14	102	6.00	4.23	
Total BTEX	<0.300	0.300	05/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	05/20/2025	ND	400	100	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	05/17/2025	ND	182	90.8	200	0.795	
DRO >C10-C28*	12.5	10.0	05/17/2025	ND	178	88.9	200	0.0607	
EXT DRO >C28-C36	<10.0	10.0	05/17/2025	ND					
Surrogate: 1-Chlorooctane	112	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	121	% 40.6-15	3						

Applyzod By: 14

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Analytical Results For:

ENSOLUM, LLC SAMANTHA MACKENZIE 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 05/16/2025 Reported: 05/22/2025

Project Name: LOST TANK 3 FED 5 CTB

Project Number: 03B1417296

Project Location: OXY - EDDY COUNTY

Sampling Date: 05/15/2025

Sampling Type: Soil

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

Sample ID: FS 10 0.5' (H252961-10)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/18/2025	ND	2.08	104	2.00	4.28	
Toluene*	<0.050	0.050	05/18/2025	ND	2.13	107	2.00	4.47	
Ethylbenzene*	<0.050	0.050	05/18/2025	ND	2.08	104	2.00	4.34	
Total Xylenes*	<0.150	0.150	05/18/2025	ND	6.14	102	6.00	4.23	
Total BTEX	<0.300	0.300	05/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/20/2025	ND	400	100	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	05/17/2025	ND	182	90.8	200	0.795	
DRO >C10-C28*	<10.0	10.0	05/17/2025	ND	178	88.9	200	0.0607	
EXT DRO >C28-C36	<10.0	10.0	05/17/2025	ND					
Surrogate: 1-Chlorooctane	101	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	109	% 40.6-15	3						

Applyzod By: 14

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Analytical Results For:

ENSOLUM, LLC SAMANTHA MACKENZIE 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 05/16/2025 Reported: 05/22/2025

Project Name: LOST TANK 3 FED 5 CTB

Project Number: 03B1417296

Project Location: OXY - EDDY COUNTY

Sampling Date: 05/15/2025

Sampling Type: Soil

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

Sample ID: FS 11 0.5' (H252961-11)

RTFY 8021R

BIEX 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	05/18/2025	ND	2.08	104	2.00	4.28	
Toluene*	<0.050	0.050	05/18/2025	ND	2.13	107	2.00	4.47	
Ethylbenzene*	<0.050	0.050	05/18/2025	ND	2.08	104	2.00	4.34	
Total Xylenes*	<0.150	0.150	05/18/2025	ND	6.14	102	6.00	4.23	
Total BTEX	<0.300	0.300	05/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	05/20/2025	ND	400	100	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	05/16/2025	ND	206	103	200	0.220	
DRO >C10-C28*	18.0	10.0	05/16/2025	ND	197	98.5	200	0.0908	
EXT DRO >C28-C36	<10.0	10.0	05/16/2025	ND					
Surrogate: 1-Chlorooctane	108	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	108	% 40.6-15	3						

Applyzod By: 14

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Analytical Results For:

ENSOLUM, LLC SAMANTHA MACKENZIE 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 05/16/2025 Reported: 05/22/2025

Project Name: LOST TANK 3 FED 5 CTB

Project Number: 03B1417296

Project Location: OXY - EDDY COUNTY

Sampling Date: 05/15/2025

Sampling Type: Soil

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

Sample ID: FS 12 0.5' (H252961-12)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2025	ND	2.08	104	2.00	4.28	
Toluene*	<0.050	0.050	05/19/2025	ND	2.13	107	2.00	4.47	
Ethylbenzene*	<0.050	0.050	05/19/2025	ND	2.08	104	2.00	4.34	
Total Xylenes*	<0.150	0.150	05/19/2025	ND	6.14	102	6.00	4.23	
Total BTEX	<0.300	0.300	05/19/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	928	16.0	05/20/2025	ND	400	100	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	05/16/2025	ND	206	103	200	0.220	
DRO >C10-C28*	57.8	10.0	05/16/2025	ND	197	98.5	200	0.0908	
EXT DRO >C28-C36	20.1	10.0	05/16/2025	ND					
Surrogate: 1-Chlorooctane	104 9	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	108 9	% 40.6-15	3						

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Analytical Results For:

ENSOLUM, LLC SAMANTHA MACKENZIE 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 05/16/2025 Reported: 05/22/2025

Project Name: LOST TANK 3 FED 5 CTB

Project Number: 03B1417296

Project Location: OXY - EDDY COUNTY

Sampling Date: 05/15/2025

Sampling Type: Soil

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

Sample ID: FS 13 0.5' (H252961-13)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2025	ND	2.08	104	2.00	4.28	
Toluene*	<0.050	0.050	05/19/2025	ND	2.13	107	2.00	4.47	
Ethylbenzene*	<0.050	0.050	05/19/2025	ND	2.08	104	2.00	4.34	
Total Xylenes*	<0.150	0.150	05/19/2025	ND	6.14	102	6.00	4.23	
Total BTEX	<0.300	0.300	05/19/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	05/19/2025	ND	416	104	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	05/16/2025	ND	206	103	200	0.220	
DRO >C10-C28*	44.5	10.0	05/16/2025	ND	197	98.5	200	0.0908	
EXT DRO >C28-C36	10.8	10.0	05/16/2025	ND					
Surrogate: 1-Chlorooctane	105	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	106	% 40.6-15	3						

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Analytical Results For:

ENSOLUM, LLC SAMANTHA MACKENZIE 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 05/16/2025 Reported: 05/22/2025

Project Name: LOST TANK 3 FED 5 CTB

Project Number: 03B1417296

Project Location: **OXY - EDDY COUNTY** Sampling Date: 05/15/2025

Sampling Type: Soil

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

Sample ID: FS 14 0.5' (H252961-14)

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	05/19/2025	ND	2.08	104	2.00	4.28	
Toluene*	<0.050	0.050	05/19/2025	ND	2.13	107	2.00	4.47	
Ethylbenzene*	<0.050	0.050	05/19/2025	ND	2.08	104	2.00	4.34	
Total Xylenes*	<0.150	0.150	05/19/2025	ND	6.14	102	6.00	4.23	
Total BTEX	<0.300	0.300	05/19/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	05/19/2025	ND	416	104	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	05/16/2025	ND	206	103	200	0.220	
DRO >C10-C28*	<10.0	10.0	05/16/2025	ND	197	98.5	200	0.0908	
EXT DRO >C28-C36	<10.0	10.0	05/16/2025	ND					
Surrogate: 1-Chlorooctane	106 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	105 9	2% 40.6-15	3						

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Celey D. Keene



Analytical Results For:

ENSOLUM, LLC SAMANTHA MACKENZIE 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 05/16/2025 Reported: 05/22/2025

Project Name: LOST TANK 3 FED 5 CTB

Project Number: 03B1417296

Project Location: OXY - EDDY COUNTY

Sampling Date: 05/15/2025

Sampling Type: Soil

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

Sample ID: FS 15 0.5' (H252961-15)

TEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2025	ND	2.08	104	2.00	4.28	
Toluene*	<0.050	0.050	05/19/2025	ND	2.13	107	2.00	4.47	
Ethylbenzene*	<0.050	0.050	05/19/2025	ND	2.08	104	2.00	4.34	
Total Xylenes*	<0.150	0.150	05/19/2025	ND	6.14	102	6.00	4.23	
Total BTEX	<0.300	0.300	05/19/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/19/2025	ND	416	104	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	05/16/2025	ND	206	103	200	0.220	
DRO >C10-C28*	<10.0	10.0	05/16/2025	ND	197	98.5	200	0.0908	
EXT DRO >C28-C36	<10.0	10.0	05/16/2025	ND					
Surrogate: 1-Chlorooctane	103	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	102	% 40.6-15	3						

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Analytical Results For:

ENSOLUM, LLC SAMANTHA MACKENZIE 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 05/16/2025 Reported: 05/22/2025

Project Name: LOST TANK 3 FED 5 CTB

Project Number: 03B1417296

OXY - EDDY COUNTY Project Location:

Sampling Date: 05/15/2025

Sampling Type: Soil

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

Sample ID: FS 16 0.5' (H252961-16)

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	05/19/2025	ND	2.08	104	2.00	4.28	
Toluene*	<0.050	0.050	05/19/2025	ND	2.13	107	2.00	4.47	
Ethylbenzene*	<0.050	0.050	05/19/2025	ND	2.08	104	2.00	4.34	
Total Xylenes*	<0.150	0.150	05/19/2025	ND	6.14	102	6.00	4.23	
Total BTEX	<0.300	0.300	05/19/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	05/19/2025	ND	416	104	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	05/16/2025	ND	206	103	200	0.220	
DRO >C10-C28*	38.9	10.0	05/16/2025	ND	197	98.5	200	0.0908	
EXT DRO >C28-C36	<10.0	10.0	05/16/2025	ND					
Surrogate: 1-Chlorooctane	102 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	103 9	% 40.6-15	3						

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Analytical Results For:

ENSOLUM, LLC SAMANTHA MACKENZIE 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 05/16/2025 Reported: 05/22/2025

Project Name: LOST TANK 3 FED 5 CTB

Project Number: 03B1417296

Project Location: OXY - EDDY COUNTY

Sampling Date: 05/15/2025

Sampling Type: Soil
Sampling Condition: Cool & Intact

Sample Received By: Tamara Oldaker

Sample ID: FS 17 0.5' (H252961-17)

BTEX 8021B	mg/kg		Analyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2025	ND	2.08	104	2.00	4.28	
Toluene*	<0.050	0.050	05/19/2025	ND	2.13	107	2.00	4.47	
Ethylbenzene*	<0.050	0.050	05/19/2025	ND	2.08	104	2.00	4.34	
Total Xylenes*	<0.150	0.150	05/19/2025	ND	6.14	102	6.00	4.23	
Total BTEX	<0.300	0.300	05/19/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	05/19/2025	ND	416	104	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	05/16/2025	ND	206	103	200	0.220	
DRO >C10-C28*	38.8	10.0	05/16/2025	ND	197	98.5	200	0.0908	
EXT DRO >C28-C36	<10.0	10.0	05/16/2025	ND					
Surrogate: 1-Chlorooctane	99.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	99.5	% 40.6-15	3						

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Analytical Results For:

ENSOLUM, LLC SAMANTHA MACKENZIE 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 05/16/2025 Reported: 05/22/2025

Project Name: LOST TANK 3 FED 5 CTB

Project Number: 03B1417296

Project Location: **OXY - EDDY COUNTY** Sampling Date: 05/15/2025

Sampling Type: Soil

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

Sample ID: FS 18 0.5' (H252961-18)

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	05/19/2025	ND	2.08	104	2.00	4.28	
Toluene*	<0.050	0.050	05/19/2025	ND	2.13	107	2.00	4.47	
Ethylbenzene*	<0.050	0.050	05/19/2025	ND	2.08	104	2.00	4.34	
Total Xylenes*	<0.150	0.150	05/19/2025	ND	6.14	102	6.00	4.23	
Total BTEX	<0.300	0.300	05/19/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 5	% 71.5-13	4						
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	05/19/2025	ND	416	104	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	05/16/2025	ND	206	103	200	0.220	
DRO >C10-C28*	<10.0	10.0	05/16/2025	ND	197	98.5	200	0.0908	
EXT DRO >C28-C36	<10.0	10.0	05/16/2025	ND					
Surrogate: 1-Chlorooctane	101 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	100 9	2% 40.6-15	3						

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Analytical Results For:

ENSOLUM, LLC SAMANTHA MACKENZIE 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 05/16/2025 Reported: 05/22/2025

Project Name: LOST TANK 3 FED 5 CTB

Project Number: 03B1417296

Project Location: OXY - EDDY COUNTY

Sampling Date: 05/15/2025

Sampling Type: Soil

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

Sample ID: FS 19 0.5' (H252961-19)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/18/2025	ND	1.82	91.1	2.00	7.78	
Toluene*	<0.050	0.050	05/18/2025	ND	2.01	101	2.00	3.82	
Ethylbenzene*	<0.050	0.050	05/18/2025	ND	2.03	102	2.00	3.20	
Total Xylenes*	<0.150	0.150	05/18/2025	ND	6.29	105	6.00	2.29	
Total BTEX	<0.300	0.300	05/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1140	16.0	05/19/2025	ND	416	104	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	05/17/2025	ND	206	103	200	0.220	
DRO >C10-C28*	56.4	10.0	05/17/2025	ND	197	98.5	200	0.0908	
EXT DRO >C28-C36	34.6	10.0	05/17/2025	ND					
Surrogate: 1-Chlorooctane	99.5	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	101	% 40.6-15	3						

10170 10.0 135

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Analytical Results For:

ENSOLUM, LLC SAMANTHA MACKENZIE 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 05/16/2025 Reported: 05/22/2025

Project Name: LOST TANK 3 FED 5 CTB

Project Number: 03B1417296

Project Location: OXY - EDDY COUNTY

Sampling Date: 05/15/2025

Sampling Type: Soil

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

Sample ID: FS 20 0.5' (H252961-20)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/18/2025	ND	1.82	91.1	2.00	7.78	
Toluene*	<0.050	0.050	05/18/2025	ND	2.01	101	2.00	3.82	
Ethylbenzene*	<0.050	0.050	05/18/2025	ND	2.03	102	2.00	3.20	
Total Xylenes*	<0.150	0.150	05/18/2025	ND	6.29	105	6.00	2.29	
Total BTEX	<0.300	0.300	05/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 71.5-13	4						
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	05/19/2025	ND	416	104	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	05/17/2025	ND	206	103	200	0.220	
DRO >C10-C28*	<10.0	10.0	05/17/2025	ND	197	98.5	200	0.0908	
EXT DRO >C28-C36	<10.0	10.0	05/17/2025	ND					
Surrogate: 1-Chlorooctane	101	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	99.3	% 40.6-15	3						

Applyzod By: 14

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Analytical Results For:

ENSOLUM, LLC SAMANTHA MACKENZIE 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 05/16/2025 Reported: 05/22/2025

Project Name: LOST TANK 3 FED 5 CTB

Project Number: 03B1417296

Project Location: OXY - EDDY COUNTY

Sampling Date: 05/15/2025

Sampling Type: Soil

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

Sample ID: FS 21 0.5' (H252961-21)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/18/2025	ND	1.82	91.1	2.00	7.78	
Toluene*	<0.050	0.050	05/18/2025	ND	2.01	101	2.00	3.82	
Ethylbenzene*	<0.050	0.050	05/18/2025	ND	2.03	102	2.00	3.20	
Total Xylenes*	<0.150	0.150	05/18/2025	ND	6.29	105	6.00	2.29	
Total BTEX	<0.300	0.300	05/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	121	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/19/2025	ND	416	104	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	05/17/2025	ND	206	103	200	0.220	
DRO >C10-C28*	<10.0	10.0	05/17/2025	ND	197	98.5	200	0.0908	
EXT DRO >C28-C36	<10.0	10.0	05/17/2025	ND					
Surrogate: 1-Chlorooctane	108	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	105	% 40.6-15	3						

Applyzod By: 14

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Analytical Results For:

ENSOLUM, LLC SAMANTHA MACKENZIE 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 05/16/2025 Reported: 05/22/2025

Project Name: LOST TANK 3 FED 5 CTB

Project Number: 03B1417296

Project Location: OXY - EDDY COUNTY

Sampling Date: 05/15/2025

Sampling Type: Soil

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

Sample ID: FS 22 0.5' (H252961-22)

RTFY 8021R

O 7.78 O 3.82 O 2.29
3.82 3.20
00 3.20
00 2.29
lue QC RPD Qualifier
0.00
lue QC RPD Qualifier
0.220
0.0908
)

Applyzod By: 14

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Analytical Results For:

ENSOLUM, LLC SAMANTHA MACKENZIE 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 05/16/2025 Reported: 05/22/2025

Project Name: LOST TANK 3 FED 5 CTB

Project Number: 03B1417296

Project Location: **OXY - EDDY COUNTY** Sampling Date: 05/15/2025

Sampling Type: Soil

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

Sample ID: FS 23 0.5' (H252961-23)

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	05/18/2025	ND	1.82	91.1	2.00	7.78	
Toluene*	<0.050	0.050	05/18/2025	ND	2.01	101	2.00	3.82	
Ethylbenzene*	<0.050	0.050	05/18/2025	ND	2.03	102	2.00	3.20	
Total Xylenes*	<0.150	0.150	05/18/2025	ND	6.29	105	6.00	2.29	
Total BTEX	<0.300	0.300	05/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	121 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1970	16.0	05/19/2025	ND	416	104	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	05/17/2025	ND	206	103	200	0.220	
DRO >C10-C28*	<10.0	10.0	05/17/2025	ND	197	98.5	200	0.0908	
EXT DRO >C28-C36	<10.0	10.0	05/17/2025	ND					
Surrogate: 1-Chlorooctane	88.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	86.1	% 40.6-15	3						

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Celey D. Keene



Analytical Results For:

ENSOLUM, LLC SAMANTHA MACKENZIE 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 05/16/2025 Reported: 05/22/2025

Project Name: LOST TANK 3 FED 5 CTB

Project Number: 03B1417296

Project Location: OXY - EDDY COUNTY

Sampling Date: 05/15/2025

Sampling Type: Soil

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

Sample ID: FS 24 0.5' (H252961-24)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/18/2025	ND	1.82	91.1	2.00	7.78	
Toluene*	<0.050	0.050	05/18/2025	ND	2.01	101	2.00	3.82	
Ethylbenzene*	<0.050	0.050	05/18/2025	ND	2.03	102	2.00	3.20	
Total Xylenes*	<0.150	0.150	05/18/2025	ND	6.29	105	6.00	2.29	
Total BTEX	<0.300	0.300	05/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	05/19/2025	ND	416	104	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	05/17/2025	ND	206	103	200	0.220	
DRO >C10-C28*	<10.0	10.0	05/17/2025	ND	197	98.5	200	0.0908	
EXT DRO >C28-C36	<10.0	10.0	05/17/2025	ND					
Surrogate: 1-Chlorooctane	98.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	95.0	% 40.6-15	3						

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Analytical Results For:

ENSOLUM, LLC SAMANTHA MACKENZIE 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 05/16/2025 Reported: 05/22/2025

Project Name: LOST TANK 3 FED 5 CTB

Project Number: 03B1417296

Project Location: **OXY - EDDY COUNTY** Sampling Date: 05/15/2025

Sampling Type: Soil

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

Sample ID: FS 25 0.5' (H252961-25)

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	05/18/2025	ND	1.82	91.1	2.00	7.78	
Toluene*	<0.050	0.050	05/18/2025	ND	2.01	101	2.00	3.82	
Ethylbenzene*	<0.050	0.050	05/18/2025	ND	2.03	102	2.00	3.20	
Total Xylenes*	<0.150	0.150	05/18/2025	ND	6.29	105	6.00	2.29	
Total BTEX	<0.300	0.300	05/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	120 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/19/2025	ND	416	104	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	05/17/2025	ND	206	103	200	0.220	
DRO >C10-C28*	<10.0	10.0	05/17/2025	ND	197	98.5	200	0.0908	
EXT DRO >C28-C36	<10.0	10.0	05/17/2025	ND					
Surrogate: 1-Chlorooctane	92.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	88.7	% 40.6-15	3						

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Analytical Results For:

ENSOLUM, LLC SAMANTHA MACKENZIE 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 05/16/2025 Reported: 05/22/2025

Project Name: LOST TANK 3 FED 5 CTB

Project Number: 03B1417296

Project Location: OXY - EDDY COUNTY

Sampling Date: 05/15/2025

Sampling Type: Soil

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

Sample ID: FS 26 0.5' (H252961-26)

RTFY 8021R

BIEX 8021B	тд/кд		Anaiyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/18/2025	ND	1.82	91.1	2.00	7.78	
Toluene*	<0.050	0.050	05/18/2025	ND	2.01	101	2.00	3.82	
Ethylbenzene*	<0.050	0.050	05/18/2025	ND	2.03	102	2.00	3.20	
Total Xylenes*	<0.150	0.150	05/18/2025	ND	6.29	105	6.00	2.29	
Total BTEX	<0.300	0.300	05/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/19/2025	ND	416	104	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	05/17/2025	ND	206	103	200	0.220	
DRO >C10-C28*	<10.0	10.0	05/17/2025	ND	197	98.5	200	0.0908	
EXT DRO >C28-C36	<10.0	10.0	05/17/2025	ND					
Surrogate: 1-Chlorooctane	91.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	87.4	% 40.6-15	3						

Applyzod By: 14

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Analytical Results For:

ENSOLUM, LLC SAMANTHA MACKENZIE 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 05/16/2025 Reported: 05/22/2025

Project Name: LOST TANK 3 FED 5 CTB

Project Number: 03B1417296

Project Location: OXY - EDDY COUNTY

Sampling Date: 05/15/2025

Sampling Type: Soil

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

Sample ID: FS 27 0.5' (H252961-27)

RTFY 8021R

B1EX 8021B	тд/кд		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/18/2025	ND	1.82	91.1	2.00	7.78	
Toluene*	<0.050	0.050	05/18/2025	ND	2.01	101	2.00	3.82	
Ethylbenzene*	<0.050	0.050	05/18/2025	ND	2.03	102	2.00	3.20	
Total Xylenes*	<0.150	0.150	05/18/2025	ND	6.29	105	6.00	2.29	
Total BTEX	<0.300	0.300	05/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/19/2025	ND	416	104	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	05/17/2025	ND	206	103	200	0.220	
DRO >C10-C28*	<10.0	10.0	05/17/2025	ND	197	98.5	200	0.0908	
EXT DRO >C28-C36	<10.0	10.0	05/17/2025	ND					
Surrogate: 1-Chlorooctane	85.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	80.9	% 40.6-15	3						

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Analytical Results For:

ENSOLUM, LLC SAMANTHA MACKENZIE 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 05/16/2025 Reported: 05/22/2025

Project Name: LOST TANK 3 FED 5 CTB

Project Number: 03B1417296

Project Location: OXY - EDDY COUNTY

Sampling Date: 05/15/2025

Sampling Type: Soil

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

Sample ID: FS 28 0.5' (H252961-28)

BTEX 8021B	mg/kg		Analyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/18/2025	ND	1.82	91.1	2.00	7.78	
Toluene*	< 0.050	0.050	05/18/2025	ND	2.01	101	2.00	3.82	
Ethylbenzene*	< 0.050	0.050	05/18/2025	ND	2.03	102	2.00	3.20	
Total Xylenes*	< 0.150	0.150	05/18/2025	ND	6.29	105	6.00	2.29	
Total BTEX	<0.300	0.300	05/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	05/19/2025	ND	416	104	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	05/17/2025	ND	206	103	200	0.220	
DRO >C10-C28*	25.2	10.0	05/17/2025	ND	197	98.5	200	0.0908	
EXT DRO >C28-C36	12.3	10.0	05/17/2025	ND					
Surrogate: 1-Chlorooctane	91.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	87.9	% 40.6-15	3						

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Analytical Results For:

ENSOLUM, LLC SAMANTHA MACKENZIE 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 05/16/2025 Reported: 05/22/2025

Project Name: LOST TANK 3 FED 5 CTB

Project Number: 03B1417296

Project Location: **OXY - EDDY COUNTY** Sampling Date: 05/15/2025

Sampling Type: Soil

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

Sample ID: FS 29 0.5' (H252961-29)

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	05/18/2025	ND	1.82	91.1	2.00	7.78	
Toluene*	<0.050	0.050	05/18/2025	ND	2.01	101	2.00	3.82	
Ethylbenzene*	<0.050	0.050	05/18/2025	ND	2.03	102	2.00	3.20	
Total Xylenes*	<0.150	0.150	05/18/2025	ND	6.29	105	6.00	2.29	
Total BTEX	<0.300	0.300	05/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	05/19/2025	ND	416	104	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	05/17/2025	ND	206	103	200	0.220	
DRO >C10-C28*	189	10.0	05/17/2025	ND	197	98.5	200	0.0908	
EXT DRO >C28-C36	84.6	10.0	05/17/2025	ND					
Surrogate: 1-Chlorooctane	99.7	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	103 9	% 40.6-15	3						

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Celey D. Keene



Analytical Results For:

ENSOLUM, LLC SAMANTHA MACKENZIE 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 05/16/2025 Reported: 05/22/2025

Project Name: LOST TANK 3 FED 5 CTB

Project Number: 03B1417296

Project Location: **OXY - EDDY COUNTY** Sampling Date: 05/15/2025

Sampling Type: Soil

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

Sample ID: FS 30 0.5' (H252961-30)

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	05/18/2025	ND	1.82	91.1	2.00	7.78	
Toluene*	<0.050	0.050	05/18/2025	ND	2.01	101	2.00	3.82	
Ethylbenzene*	<0.050	0.050	05/18/2025	ND	2.03	102	2.00	3.20	
Total Xylenes*	<0.150	0.150	05/18/2025	ND	6.29	105	6.00	2.29	
Total BTEX	<0.300	0.300	05/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 %	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/19/2025	ND	416	104	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	05/17/2025	ND	206	103	200	0.220	
DRO >C10-C28*	30.6	10.0	05/17/2025	ND	197	98.5	200	0.0908	
EXT DRO >C28-C36	15.5	10.0	05/17/2025	ND					
Surrogate: 1-Chlorooctane	89.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	88.2	% 40.6-15	3						

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

ENSOLUM, LLC SAMANTHA MACKENZIE 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 05/16/2025 Reported: 05/22/2025

Project Name: LOST TANK 3 FED 5 CTB

Project Number: 03B1417296

Project Location: OXY - EDDY COUNTY

Sampling Date: 05/15/2025

Sampling Type: Soil

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

Sample ID: FS 31 0.5' (H252961-31)

BTEX 8021B	mg/kg		Analyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/18/2025	ND	1.82	91.1	2.00	7.78	
Toluene*	<0.050	0.050	05/18/2025	ND	2.01	101	2.00	3.82	
Ethylbenzene*	< 0.050	0.050	05/18/2025	ND	2.03	102	2.00	3.20	
Total Xylenes*	<0.150	0.150	05/18/2025	ND	6.29	105	6.00	2.29	
Total BTEX	<0.300	0.300	05/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	120	% 71.5-13	4						
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	05/19/2025	ND	416	104	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	05/19/2025	ND	178	89.0	200	0.191	
DRO >C10-C28*	<10.0	10.0	05/19/2025	ND	191	95.6	200	2.98	
EXT DRO >C28-C36	<10.0	10.0	05/19/2025	ND					
Surrogate: 1-Chlorooctane	114	% 44.4-14	25						
Surrogate: 1-Chlorooctadecane	111 9	% 40.6-15	3						

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Celey D. Keine



Analytical Results For:

ENSOLUM, LLC SAMANTHA MACKENZIE 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 05/16/2025 Reported: 05/22/2025

Project Name: LOST TANK 3 FED 5 CTB

Project Number: 03B1417296

Project Location: OXY - EDDY COUNTY

Sampling Date: 05/15/2025

Sampling Type: Soil

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

Sample ID: FS 32 0.5' (H252961-32)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/18/2025	ND	1.82	91.1	2.00	7.78	
Toluene*	<0.050	0.050	05/18/2025	ND	2.01	101	2.00	3.82	
Ethylbenzene*	<0.050	0.050	05/18/2025	ND	2.03	102	2.00	3.20	
Total Xylenes*	<0.150	0.150	05/18/2025	ND	6.29	105	6.00	2.29	
Total BTEX	<0.300	0.300	05/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/19/2025	ND	416	104	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	05/19/2025	ND	178	89.0	200	0.191	
DRO >C10-C28*	26.8	10.0	05/19/2025	ND	191	95.6	200	2.98	
EXT DRO >C28-C36	<10.0	10.0	05/19/2025	ND					
Surrogate: 1-Chlorooctane	107	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	109	% 40.6-15	3						

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Celey & Keens



Analytical Results For:

ENSOLUM, LLC SAMANTHA MACKENZIE 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 05/16/2025 Reported: 05/22/2025

Project Name: LOST TANK 3 FED 5 CTB

Project Number: 03B1417296

Project Location: OXY - EDDY COUNTY

Sampling Date: 05/15/2025

Sampling Type: Soil

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

Sample ID: FS 33 0.5' (H252961-33)

BTEX 8021B	mg/kg		Analyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/18/2025	ND	1.82	91.1	2.00	7.78	
Toluene*	<0.050	0.050	05/18/2025	ND	2.01	101	2.00	3.82	
Ethylbenzene*	< 0.050	0.050	05/18/2025	ND	2.03	102	2.00	3.20	
Total Xylenes*	<0.150	0.150	05/18/2025	ND	6.29	105	6.00	2.29	
Total BTEX	<0.300	0.300	05/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/19/2025	ND	400	100	400	18.2	
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	05/19/2025	ND	178	89.0	200	0.191	
DRO >C10-C28*	<10.0	10.0	05/19/2025	ND	191	95.6	200	2.98	
EXT DRO >C28-C36	<10.0	10.0	05/19/2025	ND					
Surrogate: 1-Chlorooctane	94.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	92.8	% 40.6-15	3						

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Analytical Results For:

ENSOLUM, LLC SAMANTHA MACKENZIE 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 05/16/2025 Reported: 05/22/2025

Project Name: LOST TANK 3 FED 5 CTB

Project Number: 03B1417296

OXY - EDDY COUNTY Project Location:

Sampling Date: 05/15/2025

Sampling Type: Soil

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

Sample ID: FS 34 0.5' (H252961-34)

BTEX 8021B	mg/kg		Analyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/18/2025	ND	1.82	91.1	2.00	7.78	
Toluene*	<0.050	0.050	05/18/2025	ND	2.01	101	2.00	3.82	
Ethylbenzene*	<0.050	0.050	05/18/2025	ND	2.03	102	2.00	3.20	
Total Xylenes*	<0.150	0.150	05/18/2025	ND	6.29	105	6.00	2.29	
Total BTEX	<0.300	0.300	05/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/19/2025	ND	400	100	400	18.2	
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	05/19/2025	ND	178	89.0	200	0.191	
DRO >C10-C28*	32.2	10.0	05/19/2025	ND	191	95.6	200	2.98	
EXT DRO >C28-C36	<10.0	10.0	05/19/2025	ND					
Surrogate: 1-Chlorooctane	93.8	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	93.7	% 40.6-15	3						

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Analytical Results For:

ENSOLUM, LLC SAMANTHA MACKENZIE 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 05/16/2025 Reported: 05/22/2025

Project Name: LOST TANK 3 FED 5 CTB

Project Number: 03B1417296

Project Location: OXY - EDDY COUNTY

Sampling Date: 05/15/2025

Sampling Type: Soil

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

Sample ID: FS 35 0.5' (H252961-35)

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	05/18/2025	ND	1.82	91.1	2.00	7.78	
Toluene*	<0.050	0.050	05/18/2025	ND	2.01	101	2.00	3.82	
Ethylbenzene*	<0.050	0.050	05/18/2025	ND	2.03	102	2.00	3.20	
Total Xylenes*	<0.150	0.150	05/18/2025	ND	6.29	105	6.00	2.29	
Total BTEX	<0.300	0.300	05/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
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	05/19/2025	ND	400	100	400	18.2	
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	05/19/2025	ND	178	89.0	200	0.191	
DRO >C10-C28*	<10.0	10.0	05/19/2025	ND	191	95.6	200	2.98	
EXT DRO >C28-C36	<10.0	10.0	05/19/2025	ND					
Surrogate: 1-Chlorooctane	99.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	97.4	% 40.6-15	3						

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Analytical Results For:

ENSOLUM, LLC SAMANTHA MACKENZIE 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 05/16/2025 Reported: 05/22/2025

Project Name: LOST TANK 3 FED 5 CTB

Project Number: 03B1417296

Project Location: OXY - EDDY COUNTY

Sampling Date: 05/15/2025

Sampling Type: Soil

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

Sample ID: FS 36 0.5' (H252961-36)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/18/2025	ND	1.82	91.1	2.00	7.78	
Toluene*	<0.050	0.050	05/18/2025	ND	2.01	101	2.00	3.82	
Ethylbenzene*	<0.050	0.050	05/18/2025	ND	2.03	102	2.00	3.20	
Total Xylenes*	<0.150	0.150	05/18/2025	ND	6.29	105	6.00	2.29	
Total BTEX	<0.300	0.300	05/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	121	% 71.5-13	4						
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	05/19/2025	ND	400	100	400	18.2	
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	05/19/2025	ND	178	89.0	200	0.191	
DRO >C10-C28*	<10.0	10.0	05/19/2025	ND	191	95.6	200	2.98	
EXT DRO >C28-C36	<10.0	10.0	05/19/2025	ND					
Surrogate: 1-Chlorooctane	101	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	98.4	% 40.6-15	3						

Applyzod By: 14

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Analytical Results For:

ENSOLUM, LLC SAMANTHA MACKENZIE 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 05/16/2025 Reported: 05/22/2025

Project Name: LOST TANK 3 FED 5 CTB

Project Number: 03B1417296

Project Location: OXY - EDDY COUNTY

Sampling Date: 05/15/2025

Sampling Type: Soil

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

Sample ID: FS 37 0.5' (H252961-37)

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	05/18/2025	ND	1.82	91.1	2.00	7.78	
Toluene*	<0.050	0.050	05/18/2025	ND	2.01	101	2.00	3.82	
Ethylbenzene*	<0.050	0.050	05/18/2025	ND	2.03	102	2.00	3.20	
Total Xylenes*	<0.150	0.150	05/18/2025	ND	6.29	105	6.00	2.29	
Total BTEX	<0.300	0.300	05/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	120	% 71.5-13	4						
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	05/19/2025	ND	400	100	400	18.2	
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	05/19/2025	ND	178	89.0	200	0.191	
DRO >C10-C28*	<10.0	10.0	05/19/2025	ND	191	95.6	200	2.98	
EXT DRO >C28-C36	<10.0	10.0	05/19/2025	ND					
Surrogate: 1-Chlorooctane	107	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	104	% 40.6-15	3						

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Analytical Results For:

ENSOLUM, LLC SAMANTHA MACKENZIE 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 05/16/2025 Reported: 05/22/2025

Project Name: LOST TANK 3 FED 5 CTB

Project Number: 03B1417296

OXY - EDDY COUNTY Project Location:

Sampling Date: 05/15/2025

Sampling Type: Soil

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

Sample ID: FS 38 0.5' (H252961-38)

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	05/18/2025	ND	1.82	91.1	2.00	7.78	
Toluene*	<0.050	0.050	05/18/2025	ND	2.01	101	2.00	3.82	
Ethylbenzene*	<0.050	0.050	05/18/2025	ND	2.03	102	2.00	3.20	
Total Xylenes*	<0.150	0.150	05/18/2025	ND	6.29	105	6.00	2.29	
Total BTEX	<0.300	0.300	05/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	121 9	% 71.5-13	4						
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	05/19/2025	ND	400	100	400	18.2	
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	05/19/2025	ND	178	89.0	200	0.191	
DRO >C10-C28*	<10.0	10.0	05/19/2025	ND	191	95.6	200	2.98	
EXT DRO >C28-C36	<10.0	10.0	05/19/2025	ND					
Surrogate: 1-Chlorooctane	87.0	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	85.0	% 40.6-15	3						

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Celey D. Keene



Analytical Results For:

ENSOLUM, LLC SAMANTHA MACKENZIE 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 05/16/2025 Reported: 05/22/2025

Project Name: LOST TANK 3 FED 5 CTB

Project Number: 03B1417296

Project Location: OXY - EDDY COUNTY

Sampling Date: 05/15/2025

Sampling Type: Soil

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

Sample ID: FS 39 0.5' (H252961-39)

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	05/19/2025	ND	2.01	101	2.00	1.39	
Toluene*	<0.050	0.050	05/19/2025	ND	2.07	103	2.00	1.92	
Ethylbenzene*	<0.050	0.050	05/19/2025	ND	2.03	101	2.00	1.54	
Total Xylenes*	<0.150	0.150	05/19/2025	ND	5.97	99.5	6.00	1.83	
Total BTEX	<0.300	0.300	05/19/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
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	05/19/2025	ND	400	100	400	18.2	
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	05/19/2025	ND	178	89.0	200	0.191	
DRO >C10-C28*	<10.0	10.0	05/19/2025	ND	191	95.6	200	2.98	
EXT DRO >C28-C36	<10.0	10.0	05/19/2025	ND					
Surrogate: 1-Chlorooctane	104	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	102	% 40.6-15	3						

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Analytical Results For:

ENSOLUM, LLC SAMANTHA MACKENZIE 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 05/16/2025 Reported: 05/22/2025

Project Name: LOST TANK 3 FED 5 CTB

Project Number: 03B1417296

Project Location: OXY - EDDY COUNTY

Sampling Date: 05/15/2025

Sampling Type: Soil

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

Sample ID: FS 40 0.5' (H252961-40)

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	05/19/2025	ND	2.01	101	2.00	1.39	
Toluene*	<0.050	0.050	05/19/2025	ND	2.07	103	2.00	1.92	
Ethylbenzene*	< 0.050	0.050	05/19/2025	ND	2.03	101	2.00	1.54	
Total Xylenes*	<0.150	0.150	05/19/2025	ND	5.97	99.5	6.00	1.83	
Total BTEX	<0.300	0.300	05/19/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
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	05/19/2025	ND	400	100	400	18.2	
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	05/19/2025	ND	178	89.0	200	0.191	
DRO >C10-C28*	<10.0	10.0	05/19/2025	ND	191	95.6	200	2.98	
EXT DRO >C28-C36	<10.0	10.0	05/19/2025	ND					
Surrogate: 1-Chlorooctane	98.9	% 44.4-14	25						
Surrogate: 1-Chlorooctadecane	99.0	% 40.6-15	3						

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Analytical Results For:

ENSOLUM, LLC SAMANTHA MACKENZIE 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 05/16/2025 Reported: 05/22/2025

Project Name: LOST TANK 3 FED 5 CTB

Project Number: 03B1417296

Project Location: OXY - EDDY COUNTY

Sampling Date: 05/15/2025

Sampling Type: Soil

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

Sample ID: FS 41 0.5' (H252961-41)

RTFY 8021R

BIEX 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	05/19/2025	ND	2.01	101	2.00	1.39	
Toluene*	< 0.050	0.050	05/19/2025	ND	2.07	103	2.00	1.92	
Ethylbenzene*	< 0.050	0.050	05/19/2025	ND	2.03	101	2.00	1.54	
Total Xylenes*	<0.150	0.150	05/19/2025	ND	5.97	99.5	6.00	1.83	
Total BTEX	<0.300	0.300	05/19/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 71.5-13	4						
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	05/19/2025	ND	400	100	400	18.2	
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	05/19/2025	ND	178	89.0	200	0.191	
DRO >C10-C28*	<10.0	10.0	05/19/2025	ND	191	95.6	200	2.98	
EXT DRO >C28-C36	<10.0	10.0	05/19/2025	ND					
Surrogate: 1-Chlorooctane	112 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	108	% 40.6-15	3						

Applyzod By: 14

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Analytical Results For:

ENSOLUM, LLC SAMANTHA MACKENZIE 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 05/16/2025 Reported: 05/22/2025

Project Name: LOST TANK 3 FED 5 CTB

Project Number: 03B1417296

Project Location: OXY - EDDY COUNTY

Sampling Date: 05/15/2025

Sampling Type: Soil

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

Sample ID: FS 42 0.5' (H252961-42)

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	05/19/2025	ND	2.01	101	2.00	1.39	
Toluene*	<0.050	0.050	05/19/2025	ND	2.07	103	2.00	1.92	
Ethylbenzene*	<0.050	0.050	05/19/2025	ND	2.03	101	2.00	1.54	
Total Xylenes*	<0.150	0.150	05/19/2025	ND	5.97	99.5	6.00	1.83	
Total BTEX	<0.300	0.300	05/19/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
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	05/19/2025	ND	400	100	400	18.2	
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	05/19/2025	ND	178	89.0	200	0.191	
DRO >C10-C28*	<10.0	10.0	05/19/2025	ND	191	95.6	200	2.98	
EXT DRO >C28-C36	<10.0	10.0	05/19/2025	ND					
Surrogate: 1-Chlorooctane	107	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	104	% 40.6-15	3						

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Analytical Results For:

ENSOLUM, LLC SAMANTHA MACKENZIE 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 05/16/2025 Reported: 05/22/2025

LOST TANK 3 FED 5 CTB

Project Number: 03B1417296

Project Location: **OXY - EDDY COUNTY** Sampling Date: 05/15/2025

Sampling Type: Soil

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

Sample ID: SW 01 0 - 0.5' (H252961-43)

Project Name:

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	05/19/2025	ND	2.01	101	2.00	1.39	
Toluene*	<0.050	0.050	05/19/2025	ND	2.07	103	2.00	1.92	
Ethylbenzene*	<0.050	0.050	05/19/2025	ND	2.03	101	2.00	1.54	
Total Xylenes*	<0.150	0.150	05/19/2025	ND	5.97	99.5	6.00	1.83	
Total BTEX	<0.300	0.300	05/19/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	05/19/2025	ND	400	100	400	18.2	
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	05/19/2025	ND	178	89.0	200	0.191	
DRO >C10-C28*	<10.0	10.0	05/19/2025	ND	191	95.6	200	2.98	
EXT DRO >C28-C36	<10.0	10.0	05/19/2025	ND					
Surrogate: 1-Chlorooctane	102 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	106 9	% 40.6-15	3						

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Analytical Results For:

ENSOLUM, LLC SAMANTHA MACKENZIE 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 05/16/2025 Reported: 05/22/2025

Project Name: LOST TANK 3 FED 5 CTB

Project Number: 03B1417296

Project Location: OXY - EDDY COUNTY

Sampling Date: 05/15/2025

Sampling Type: Soil

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

Sample ID: SW 02 0 - 0.5' (H252961-44)

RTFY 8021R

B1EX 8021B	mg,	r Kg	Апануге	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2025	ND	2.01	101	2.00	1.39	
Toluene*	<0.050	0.050	05/19/2025	ND	2.07	103	2.00	1.92	
Ethylbenzene*	<0.050	0.050	05/19/2025	ND	2.03	101	2.00	1.54	
Total Xylenes*	<0.150	0.150	05/19/2025	ND	5.97	99.5	6.00	1.83	
Total BTEX	<0.300	0.300	05/19/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
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	05/19/2025	ND	400	100	400	18.2	
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	05/19/2025	ND	178	89.0	200	0.191	
DRO >C10-C28*	<10.0	10.0	05/19/2025	ND	191	95.6	200	2.98	
EXT DRO >C28-C36	<10.0	10.0	05/19/2025	ND					
Surrogate: 1-Chlorooctane	101	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	100	% 40.6-15	3						

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Analytical Results For:

ENSOLUM, LLC SAMANTHA MACKENZIE 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 05/16/2025 Reported: 05/22/2025

LOST TANK 3 FED 5 CTB

Project Name: Project Number: 03B1417296

Project Location: **OXY - EDDY COUNTY** Sampling Date: 05/15/2025

Sampling Type: Soil

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

Sample ID: SW 03 0 - 0.5' (H252961-45)

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	05/19/2025	ND	2.01	101	2.00	1.39	
Toluene*	<0.050	0.050	05/19/2025	ND	2.07	103	2.00	1.92	
Ethylbenzene*	<0.050	0.050	05/19/2025	ND	2.03	101	2.00	1.54	
Total Xylenes*	<0.150	0.150	05/19/2025	ND	5.97	99.5	6.00	1.83	
Total BTEX	<0.300	0.300	05/19/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 71.5-13	4						
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	05/19/2025	ND	400	100	400	18.2	
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	05/19/2025	ND	178	89.0	200	0.191	
DRO >C10-C28*	<10.0	10.0	05/19/2025	ND	191	95.6	200	2.98	
EXT DRO >C28-C36	<10.0	10.0	05/19/2025	ND					
Surrogate: 1-Chlorooctane	90.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	86.3	% 40.6-15	3						

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Notes and Definitions

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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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



(575) 393-2326 FAX (575) 393-2476

Company Name:	Ensolum, LLC		BILL TO		
Project Manager:			P.O. #:		700000
Address: 601 N	601 N. Marienfeld St. STE 400	400	Company: Oxy USA, Inc.		
City: Midland		State: TX Zip: 79701	Attn: Jessica Kent		
Phone #: (703)	(703) 357-3545	Fax #:	Address:		<u> </u>
Project #: 03 8	41/296	Project Owner: () XY	City:		\frac{\frac{1}{3}}{3}
Project Name:	OSI TAINK 3		State: Zip:		<u></u>
Project Location:	Eddy On NA		#		<u>}</u>
Sampler Name:	U MODING CAME	Stallo	Fax#:		5
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING	NG	+
		C)OMP. RS TER			9/
Lab I.D.	Sample I.D.	(feet) (f	CE/COOL OTHER: COD/BASE: CE/COOL OTHER:	BTEX TPH Chloride	50
	F501		v 08/18/2s	-	
o o	F502)933	7
			. <	0936	
5	5053	0		094	
se	506	C - V	<	0944	
0	-207	2	5	0946	
0~	DX 20 X		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	8460	
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PLEASE NOTE: Liability and Dam analyses. All claims including thos service. In no event shall Cardinal affiliates or successors arising out of	bility and Damages. Cardinal's liability and clien including those for negligence and any other cashalf Cardinal be liable for incidental or conseques a resisting out of or related to the performance of saising out of or related to the performance of the control of the contro	T-LEASE 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 the client for the analyses. All daims including those for negligence and any other cause whatsoever shall be deemed waived unless made in witing and received by Cardinal within 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 sensions.	ct or tort, shall be limited to the amount paid by and received by Cardinal within 30 days after cons, loss of use, or loss of profits incurred by client,	te client for the pleion of the applicable its subsidiaries.	
Relinquished By:	Metallar	Date: Received By	Make	Verbal Result: ☐ Yes ☑ No Add'I Phone #:	Add'l Phone #:
Relinquished By:		Date: Received By:	C CANADA RE	REMARKS:	
		Time:	. (
Delivered By: (Circle One)		Observed Temp. °C Sample Condition	CHECKED BY:	Turnaround Time: Standard	ly) S
Sampler - UPS - Bus - Other:		2		Thermometer ID 143 #140	-
THE PROPERTY OF	The second secon	THE RESERVE THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS			OFFICE

Page 48 of 52

Delivered By: (Circle One)
Sampler - UPS - Bus - Other:

Observed Temp.

in a

☐ Yes ☐ Yes ☐ No ☐ No

Thermometer ID 13 #140 Correction Factor -0.50 +0.30

Bacteria (only) Sample Condition
Cool Intact Observed Temp.

Yes Yes
No Corrected Temp.

ô

CHECKED BY:

Turnaround Time:

Standard

REMARKS:

smackenzie@ensolum.com

All Results are emailed. Please provide Email address:

No

Add'I Phone #:

lime:

Relinquished By

Relinquished By

Received By

ons, loss of use, or loss of profits

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



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

Sampler Name: Project Name: LOST TANK Project Location: Project #:0 3 8/4/17296 Phone #: (703) 357-3545 City: Project Manager: Address: Company Name: ice. In no event shall Cardinal be FOR LAB USE ONLY Lab I.D. Midland Da 2010 601 N. Marienfeld St. STE 400 Sample I.D. Sam Mackenzie Ensolum, LLC アー Sample Depth Fax #: Project Owner: State: (feet) X Zip: (G)RAB OR (C)OMP # CONTAINERS 79701 GROUNDWATER WASTEWATER MATRIX SOIL OIL SLUDGE OTHER State: City: Phone #: P.O. #: Fax #: Attn: Address: Company: ACID/BASE PRESERV. ICE / COOL Jessica Kent BILL Oxy USA, Zip: DATE 70 SAMPLING Inc. 1028 2201 10 01 TIME H001 hro! 20 0 etion of the app BTEX Chloride ANALYSIS REQUEST

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Page 49 of 52

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



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

Company Name: Ensolum, LLC	LTC	BILL TO	ANALYSIS REQUEST
Project Manager: Sam Mackenzie	enzie		
Address: 601 N. Marienfeld St. STE 400	St. STE 400	Company: Oxy USA, Inc.	
City: Midland	State: TX Zip: 79701	sica Kent	
Phone #: (703) 357-3545	Fax #:	Address:	
Project #: 03 B 1417296	Project Owner: () XV	City:	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
Project Name: LOST TWINK	3	State: Zip:	
Project Location: Dody	0 N/N	#:	,0
Sampler Name: () (Colub)	Christalos	Fax #:	
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING	NG
Lab I.D. Sample I.D.	Sample Depth (feet) AB OR (C)OMP. NTAINERS UNDWATER TEWATER	/BASE:	TEX PH Ioride
103 10 EVI	GRC		TIME B
17-		(alaka)	
3 6	C	<	0911
D	0 1 3	_	6912
as Fiss		7	25.80
36 1326		2	0880
F(-	5	852
	0-	<	4589
			0410
	1 2 3	1	0908 1 1
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S	mergas Received By:	SALL Claim is passed upon any of the above stated reason	Verbols of otherwise. Verbal Result: □ Yes ☑ No Add'I Phone #: All Results are emailed. Please provide Email address: smackenzie@ensolum.com
Relinquished By:	Date: Received By:	R	REMARKS:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	600°	CHECKED BY: (Initials)	me: Standard B
Sampler - UPS - Bus - Other:	2 0	2	Yes Yes

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

Page 50 of 52

Sampler - UPS - Bus - Other: Delivered By: (Circle One) Relinquished By:

Received By

REMARKS:

smackenzie@ensolum.com

Relinquished By

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Project Manager: Sam Mackenzie		P.O. #:	
Address: 601 N. Marienfeld St. STE 400	000	Company: Oxy USA, Inc.	
City: Midland	State: TX Zip: 79701	Attn: Jessica Kent	
Phone #: (703) 357-3545	Fax #:	Address:	
Project #: 036/4/7296	Project Owner:	City:	
Project Name: LOST Tahl 3 H	5	State: Zip:	5
Project Location: Eddy (0, NM		Phone #:	
Sampler Name: /// (Colks chilly)	(a)lak	Fax #:)
FOR LAB USE ONLY			
		ONIN LING	
Lab I.D. Sample I.D.	(feet) (F	SLUDGE OTHER: CCID/BASE: CE / COOL OTHER:	BTEX TPH Worlde
5/ 531	- #	odiche i	
52 FS31	C - C	Salar	
55 F33	0 0		
15.77 HS	0 3		5
35 F35	C	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
22 FS 36	C		
37 537	V		
38 KS 38	0	0	
39 539	CIV	2 3	
FS 750	+	4	
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 the client for the analyses. All claims including those for negligence and any other cause whatchever shall be forement under the contract of tort, shall be limited to the amount paid by the client for the	s exclusive remedy for any claim arising whether based in contract or to	act or tort, shall be limited to the amount paid by the client for the	ne la

† Cardinal cannot accept verbal changes. Please email changes to celey keene@cardinallabsnm.com Bacteria (only) Sample Condition
Cool Infact Observed Temp.

Yes Yes
No Corrected Temp.

CHECKED BY: (Initials)

Turnaround Time:

Standard

Observed Temp. °C Corrected Temp. °C

Page 51 of 52

Relinquished By

Sampler - UPS - Bus - Other:

Delivered By: (Circle One)

Observed Temp

લેશ

Yes

CHECKED BY:

Turnaround Time:

Standard

Bacteria (only) Sample Condition

Observed Temp. Corrected Temp. °C

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neter ID

REMARKS:

smackenzie@ensolum.com

(Initials)

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



(575) 393-2326 FAX (575) 393-2476

Relinquished By analyses. All claims including those for negligence and any other service. In no event shall Cardinal be liable for incidental or conse Sampler Name: Project #: 03131417246 Phone #: (703) 357-3545 Project Location: Project Name: Project Manager: Address: Company Name: Lab I.D. Midland 43 601 N. Marienfeld St. STE Sample I.D. Sam Mackenzie SW02 Ensolum, LLC g m 50M SYI 400 Sample Depth Project Owner: Fax #: State: -0.5 (feet) ver shall be deemed X Received By 0 Zip: (G)RAB OR (C)OMP # CONTAINERS 79701 GROUNDWATER WASTEWATER MATRIX < SOIL OIL SLUDGE State: OTHER Fax #: City: P.O. #: Phone #: Attn: Company: Address: ACID/BASE PRESERV Cardinal within 30 days after completion of the applicable ICE / COOL Jessica Kent OTHER BILL TO Oxy USA Zip: DATE SAMPLING Inc. All Results are emailed. Please provide Email address: Verbal Result: 4 2 TIME □ Yes ONE Add'I Phone #: ANALYSIS REQUEST

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

Page 52 of 52



July 22, 2025

SAMANTHA MACKENZIE

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: LOST TANK 3 FED 5 CTB

Enclosed are the results of analyses for samples received by the laboratory on 07/16/25 13:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. 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/qa/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. Keine

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 SAMANTHA MACKENZIE 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received: 07/16/2025 Reported: 07/22/2025

LOST TANK 3 FED 5 CTB

Project Name: LOST TANK 3
Project Number: 03B1417296

Project Location: OXY - EDDY COUNTY

Sampling Date: 07/16/2025

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: FS 12 @ 0.75 (H254245-01)

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	07/17/2025	ND	2.15	107	2.00	2.23	
Toluene*	<0.050	0.050	07/17/2025	ND	2.06	103	2.00	0.348	
Ethylbenzene*	<0.050	0.050	07/17/2025	ND	2.12	106	2.00	1.06	
Total Xylenes*	<0.150	0.150	07/17/2025	ND	6.78	113	6.00	0.157	
Total BTEX	<0.300	0.300	07/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
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	07/17/2025	ND	416	104	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	07/17/2025	ND	198	99.2	200	1.89	
DRO >C10-C28*	<10.0	10.0	07/17/2025	ND	214	107	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	07/17/2025	ND					
Surrogate: 1-Chlorooctane	78.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	80.2	% 40.6-15	3						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



Notes and Definitions

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

101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(5/5) 393-2326 FAX (5/5) 393-24/6	24/6					
company Name: Ensemm, LLC		BILL TO		ANALYSIS	SIS REQUEST	
roject Manager: Saman Machenzie		P.O. #:				
eld SA,	Soute 400	Company: 327 USA	Inc.	,		
state: TX	x zip: 79701		sparks		•	
hone #: 7033573545 Fax #:		Address:		_		
Project #: 6381417296 Project Owner:		City:		60		
+ Tank 3	CTB	State: Zip:		>	,	
3		Phone #:				-
Sampler Name: Replied Usel	1	Fax #:	5			
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING	801	Le	,	
Lab I.D. Sample I.D.	JDGE	HER: ID/BASE: :/COOL HER:	BTXX TPH 80	Chloria		4 :
TS12 @ 0.75	<u>-</u> ;	×	X X 5501	Х		
			• •			•
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Relinquished By: Date:	Received By:		Verbal Result:	□ No Add'I Phone #:	one #:	
Pulse line:	2000	8	Smackenzie	ice Ans	Ensolum. com	
Relinquished By: Date: Time:	Received By:		REMARKS:			
Delivered By: (Circle One) Observed Temp. °C Corrected Temp. °C Corrected Temp. °C Corrected Temp. °C	Sample Condition Cool Intact Cool Intact Cool Intact No In No	CHECKED BY: . (Initials)	Turnaround Time: VS Thermometer ID #140 Correction Factor +0.3°C	Standard B Rush Co Ru 7/16/25	Bacteria (only) Sample Condition Cool Intact Observed Temp Yes	mple Condition Observed Temp. °C Corrected Temp. °C

Sante Fe Main Office Phone: (505) 476-3441 General Information Phone: (505) 629-6116

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

QUESTIONS

Action 498959

QUESTIONS

Operator:	OGRID:
OXY USA INC	16696
P.O. Box 4294	Action Number:
Houston, TX 772104294	498959
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2509129529
Incident Name	NAPP2509129529 LOST TANK 3 FED 5 CTB @ FAPP2127047166
Incident Type	Fire
Incident Status	Remediation Closure Report Received
Incident Facility	[fAPP2127047166] LOST TANK 03 FED #5 BATTERY

Location of Release Source	
Please answer all the questions in this group.	
Site Name	LOST TANK 3 FED 5 CTB
Date Release Discovered 03/25/2025	
Surface Owner	Federal

Incident Details		
Please answer all the questions in this group.		
Incident Type	Fire	
Did this release result in a fire or is the result of a fire	Yes	
Did this release result in any injuries	No	
Has this release reached or does it have a reasonable probability of reaching a watercourse	No	
Has this release endangered or does it have a reasonable probability of endangering public health	No	
Has this release substantially damaged or will it substantially damage property or the environment	No	
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No	

Nature and Volume of Release				
Material(s) released, please answer all that apply below. Any calculations or specific justifications fo	or the volumes provided should be attached to the follow-up C-141 submission.			
Crude Oil Released (bbls) Details	Not answered.			
Produced Water Released (bbls) Details	Cause: Equipment Failure Flow Line - Production Produced Water Released: 4 BBL Recovered: 0 BBL Lost: 4 BBL.			
Is the concentration of chloride in the produced water >10,000 mg/l	Yes			
Condensate Released (bbls) Details	Not answered.			
Natural Gas Vented (Mcf) Details	Not answered.			
Natural Gas Flared (Mcf) Details	Not answered.			
Other Released Details	Not answered.			
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.			

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

QUESTIONS, Page 2

Action 498959

	,
QUESTI	ONS (continued)
Operator:	OGRID:
QUESTIONS	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)
Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	More info needed to determine if this will be treated as a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (2) an unauthorized release of a volume that: (a) results in a fire or is the result of a fire.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e.	e. gas only) are to be submitted on the C-129 form.
Initial Response The responsible party must undertake the following actions immediately unless they could create a s	afety hazard that would result in injury.
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for releathe OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are require ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface to does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Daniel Sparks Title: Environmental Analyst III Email: daniel_sparks@oxy.com Date: 08/25/2025

Phone: (505) 629-6116

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

QUESTIONS, Page 3

Action 498959

QUESTIONS (continued)

Operator:	OGRID:		
OXY USA INC	16696		
P.O. Box 4294	Action Number:		
Houston, TX 772104294	498959		
	Action Type:		
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)		

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approva release discovery date.	l and beyond). This information must be provided to the appropriate district office no later than 90 days after the
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release ar	nd the following surface areas:
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to t	he appropriate district office no later than 90 days after the release discovery date.
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination	associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in mill	igrams per kilograms.)
Chloride (EPA 300.0 or SM4500 Cl B)	22600
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	5638
GRO+DRO (EPA SW-846 Method 8015M)	4926
BTEX (EPA SW-846 Method 8021B or 8260B)	0.5
Benzene (EPA SW-846 Method 8021B or 8260B)	0
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed which includes the anticipated timelines for beginning and completing the remediation.	efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,
On what estimated date will the remediation commence	03/31/2025
On what date will (or did) the final sampling or liner inspection occur	07/16/2025
On what date will (or was) the remediation complete(d)	07/16/2025
What is the estimated surface area (in square feet) that will be reclaimed	4280
What is the estimated volume (in cubic yards) that will be reclaimed	475
What is the estimated surface area (in square feet) that will be remediated	4280
What is the estimated volume (in cubic yards) that will be remediated	475
These estimated dates and measurements are recognized to be the best guess or calculation at the	, , , , , , , , , , , , , , , , , , , ,
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in a significantly deviate from the remediation plan proposed, then it should consult with the division to	ccordance with the physical realities encountered during remediation. If the responsible party has any need to o determine if another remediation plan submission is required.

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

QUESTIONS, Page 4

Action 498959

QUESTIONS (continued)

Operator:	OGRID:
OXY USA INC	16696
P.O. Box 4294	Action Number:
Houston, TX 772104294	498959
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
/ reduce contaminants:		
(Select all answers below that apply.)		
Yes		
fEEM0112342028 LEA LAND LANDFILL		
Not answered.		

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

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.

Name: Daniel Sparks Title: Environmental Analyst III I hereby agree and sign off to the above statement Email: daniel_sparks@oxy.com Date: 08/25/2025

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to

significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

Phone: (505) 629-6116

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

QUESTIONS, Page 5

Action 498959

QUESTIONS (continued)

Operator:	OGRID:
OXY USA INC	16696
P.O. Box 4294	Action Number:
Houston, TX 772104294	498959
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

Phone: (505) 629-6116
Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS, Page 6

Action 498959

QUESTIONS (continued)

Operator:	OGRID:
OXY USA INC	16696
P.O. Box 4294	Action Number:
Houston, TX 772104294	498959
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	484293
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	07/16/2025
What was the (estimated) number of samples that were to be gathered	1
What was the sampling surface area in square feet	8561

Remediation Closure Request		
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.		
Requesting a remediation closure approval with this submission	Yes	
Have the lateral and vertical extents of contamination been fully delineated	Yes	
Was this release entirely contained within a lined containment area	No	
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes	
What was the total surface area (in square feet) remediated	4280	
What was the total volume (cubic yards) remediated	475	
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes	
What was the total surface area (in square feet) reclaimed	4280	
What was the total volume (in cubic yards) reclaimed	475	
Summarize any additional remediation activities not included by answers (above)	N/A	

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

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

I hereby agree and sign off to the above statement

Name: Daniel Sparks
Title: Environmental Analyst III
Email: daniel_sparks@oxy.com
Date: 08/25/2025

Sante Fe Main Office Phone: (505) 476-3441

General Information Phone: (505) 629-6116

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

QUESTIONS, Page 7

Action 498959

QUESTIONS (continued)

Operator:	OGRID:
OXY USA INC	16696
P.O. Box 4294	Action Number:
Houston, TX 772104294	498959
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

CONDITIONS

Action 498959

CONDITIONS

Operator:	OGRID:
OXY USA INC	16696
P.O. Box 4294	Action Number:
Houston, TX 772104294	498959
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	This Remediation Closure Report is approved. Remediation has met 19.15.29 NMAC requirements. Soil impacts exceeding the reclamation standards have been left in place and are required to meet 19.15.29.13D (1) NMAC once the site is no longer reasonably needed for production or subsequent drilling operations. Areas reasonably needed for production or subsequent drilling operations will need to be reclaimed and revegetated as soon as they are no longer reasonably needed. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable. A report for reclamation and revegetation will need to be submitted and approved prior to this incident receiving the final status of "Restoration Complete".	10/3/2025