

**2RF-129 -  
SAND DUNES  
RECYCLNG  
FACILITY &  
CONTAINMENTS  
FACILITY ID  
[fAB1810851276]  
C-147 Closure Report  
for two ASTs**

**[16696] OXY USA INC  
August 29, 2022**

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

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

Form C-147  
Revised April 3, 2017

## Recycling Facility Only


**Type of action:** ☐ Permit ☐ Registration ☐ Modification ☒ Closure ☐ Other (explain) \_\_\_\_\_

Be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances.

1.  
Operator: Oxy USA, Inc. (For multiple operators attach page with information) OGRID #: 16696  
Address: 1600 Gehrig Drive Midland, TX 79706  
Facility or well name (include API# if associated with a well): Sand Dunes Recycling Facility and Containments (2RF-129)  
OCD Permit Number: 2RF-129 (For new facilities the permit number will be assigned by the district office)  
U/L or Qtr/Qtr L4 Section 4 Township 24S Range 31E County: Eddy  
Surface Owner: ☒ Federal ☐ State ☐ Private ☐ Tribal Trust or Indian Allotment

2.  
☒ **Recycling Facility:**  
Location of recycling facility (if applicable): Latitude 32.250372 Longitude -103.790388 NAD83  
Proposed Use: ☐ Drilling\* ☒ Completion\* ☐ Production\* ☐ Plugging\*  
*\*The re-use of produced water may NOT be used until fresh water zones are cased and cemented*  
☐ Other, *requires permit for other uses. Describe use, process, testing, volume of produced water and ensure there will be no adverse impact on groundwater or surface water.*  
☒ Fluid Storage Closure report for two, 6,000 bbl ASTs only; please see attached cover letter.  
☒ Above ground tanks ☐ Activity permitted under 19.15.17 NMAC explain type \_\_\_\_\_  
☐ Activity permitted under 19.15.36 NMAC explain type: \_\_\_\_\_ ☐ Other explain \_\_\_\_\_  
☒ **Closure Report (required within 60 days of closure completion):** ☒ Recycling Facility Closure Completion Date: 08/05/2022

3.  
**Variances:**  
Justifications and/or demonstrations that the proposed variance will afford reasonable protection against contamination of fresh water, human health, and the environment.  
*Check the below box only if a variance is requested:*  
☐ Variance(s): Requests must be submitted to the appropriate division district for consideration of approval. If a Variance is requested, include the variance information on a separate page and attach it to the C-147 as part of the application.  
**If a Variance is requested, it must be approved prior to implementation.**

4.  
**Operator Application Certification:**  
I hereby certify that the information and attachments submitted with this application are true, accurate and complete to the best of my knowledge and belief.  
Name (Print): Chantill Recker Title: Environmental Manager  
Signature:  Date: 08/16/2022  
e-mail address: chantill\_recker@oxy.com Telephone: 432-685-5609

5.  
OCD Representative Signature: Victoria Venegas Approval/Registration Date: 08/29/2022  
Title: Environmental Specialist OCD Permit Number: 2RF-129  
☐ OCD Conditions \_\_\_\_\_  
☐ Additional OCD Conditions on Attachment

**Closure for two 6,000 bbl ASTs only**



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

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August 10, 2022

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

RE: SAND DUNES AST

Enclosed are the results of analyses for samples received by the laboratory on 08/05/22 10:39.

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

Cardinal Laboratories is accredited 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.

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,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene  
Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 08/05/2022  
 Reported: 08/10/2022  
 Project Name: SAND DUNES AST  
 Project Number: 03B1417053  
 Project Location: EDDY COUNTY, NM

Sampling Date: 08/05/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS -1 4" (H223513-01)**

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	08/09/2022	ND	1.82	91.2	2.00	2.86	
Toluene*	<0.050	0.050	08/09/2022	ND	1.96	98.0	2.00	0.187	
Ethylbenzene*	<0.050	0.050	08/09/2022	ND	1.89	94.6	2.00	0.232	
Total Xylenes*	<0.150	0.150	08/09/2022	ND	5.86	97.6	6.00	0.180	
Total BTEx	<0.300	0.300	08/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	08/09/2022	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	08/09/2022	ND	198	99.2	200	0.571	
DRO >C10-C28*	41.9	10.0	08/09/2022	ND	212	106	200	5.12	
EXT DRO >C28-C36	12.8	10.0	08/09/2022	ND					

Surrogate: 1-Chlorooctane 74.6 % 43-149

Surrogate: 1-Chlorooctadecane 80.0 % 42.5-161

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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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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Cardinal Laboratories

\*=Accredited Analyte

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

A handwritten signature in black ink, appearing to read "Celey D. Keene".

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Celey D. Keene, Lab Director/Quality Manager



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

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

<b>Company Name:</b> Envision, LLC <b>Project Manager:</b> Beauré Jennings <b>Address:</b> 601 W. University St. Suite 400 <b>City:</b> Midland, TX <b>State:</b> TX <b>Zip:</b> 79701 <b>Phone #:</b> (810) 219-5458 <b>Fax #:</b> <b>Project #:</b> 03B14170583 <b>Project Owner:</b> <b>Project Name:</b> SAG Dumps ASST <b>Project Location:</b> Eddy County <b>Sample Name:</b> Samantha Mackenzie <b>FOR LAB USE ONLY</b>				<b>P.O. #:</b> <b>Company:</b> <b>Attn:</b> <b>Address:</b> <b>City:</b> <b>State:</b> <b>Zip:</b> <b>Phone #:</b> <b>Fax #:</b>			
<b>Lab I.D.</b> 1003513 <b>Sample I.D.</b> CS-1 4"				<b>Matrix</b> (G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :			
<b>DATE</b> 8/5/12 <b>TIME</b> 0910				<b>TPH</b> 8015M <b>BTEX</b> 8021B <b>Chlorides</b> 4500			
<b>Turnaround Time:</b> Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> <b>Thermometer ID</b> #113 <input checked="" type="checkbox"/> <input type="checkbox"/> <b>Correction Factor</b> -0.5°C <input checked="" type="checkbox"/> <input type="checkbox"/>				<b>Bacteria (only)</b> <input checked="" type="checkbox"/> <input type="checkbox"/> <b>Cool</b> <input checked="" type="checkbox"/> <input type="checkbox"/> <b>Intact</b> <input checked="" type="checkbox"/> <input type="checkbox"/> <b>Yes</b> <input checked="" type="checkbox"/> <input type="checkbox"/> <b>No</b> <input type="checkbox"/> <input type="checkbox"/>			
<b>Relinquished By:</b> [Signature] <b>Date:</b> 8/5/12 <b>Time:</b> 1031 <b>Received By:</b> [Signature] <b>Date:</b> 8/5/12 <b>Time:</b>				<b>Verbal Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: <b>Remarks:</b>			
<b>Relinquished By:</b> [Signature] <b>Date:</b> 8/5/12 <b>Time:</b>				<b>Verbal Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: <b>Remarks:</b>			





State of New Mexico  
Energy, Minerals, and Natural Resources Department  
Oil Conservation Division, District II  
811 S. First St.  
Artesia, NM 88210

**Re: Sand Dunes Recycling Facility (2RF-129); Closure Report for Above-Ground Storage Tanks T-2101 and T-2102**

To Whom It May Concern,

Oxy USA Inc. submits this closure report for the two synthetically lined above-ground storage tanks (ASTs) having a capacity of 6,000 barrels each (T-2101 and T-2102) as described in the modification package to the Sand Dunes Recycling Facility (2RF-129) registration, dated May 23, 2018. In accordance with *NMAC 19.15.34.14 Closure and Site Reclamation Requirements for Recycling Containments*, Oxy USA Inc. has completed containment closure for the ASTs and submits the C-147S closure report along with analytical results for closure sampling.

Please note, the submitted C-147S includes information for the Sand Dunes Recycling Facility, however, closure has only been completed for the two ASTs, as described above. The recycling facility and remaining containments will continue to operate. The referenced ASTs, including all fluids and liners, have been removed, and the soils beneath have been tested in accordance to *NMAC 19.15.34.14*. Revegetation and reclamation as required by *NMAC 19.15.34.14* will be deferred until the closure of the entirety of the Sand Dunes Recycling Facility.

Should you have any questions or require additional information, please contact me at your convenience.

Sincerely,

A handwritten signature in blue ink that reads "Chantill Recker".

**Chantill Recker**

ENVIRONMENTAL MANAGER, WASTE AND WATER  
OXY USA INC.

✉ chantill\_recker@oxy.com

☎ (432) 685-5609

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
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811 S. First St., Artesia, NM 88210  
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**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 134432

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 134432
	Action Type: [C-147] Water Recycle Short (C-147S)

CONDITIONS

Created By	Condition	Condition Date
vvenegas	None	8/29/2022