

Standard Safety and Supply

<https://standardtx.com/>



Site Characterization and Liner Inspection Report
Red Tank 30 WTR Treatment FAC
nAPP2523141874
32.359764, -103.612571
K-30-22S-33E

Introduction

Standard Safety and Supply (Standard) on behalf of OXY USA INC (Oxy) is pleased to submit this Site Characterization and Liner Inspection Report to the New Mexico Oil Conservation Division (NMOCD) for administrative approval. Based on the C-141 or Notification of Release the spill was discovered on August 11, 2025, and was attributed to a valve failure where the release was spilled entirely into the secondary containment. There was an approximate net release of three hundred (300) barrels (bbls) of produced water and recovery of three hundred (300) bbls of produced water. Attachment A: Figure 1 depicts the Site with respect to the nearest town and Figure 2 depicts the topographic features in the area.

Site Characterization

Based on a site characterization desktop review the area is within a Low Karst area. Furthermore, there are no receptors [significant watercourse, lakebed, playa, sinkhole, an occupied residence, school, hospital, institution, church, freshwater spring for domestic or stock watering purposes, other fresh water well/spring, municipal water boundary, wetland, subsurface mine, and/or an unstable area] within the specified distance set forth in the New Mexico Administrative Code 19.15.29.12. The depth to groundwater in the area is estimated to be between one hundred (100) feet (ft) below ground surface (bgs) to five hundred (500) ft bgs. However, there are no known water wells within the specified half (0.5) mile radius of the site so the following closure criteria will be used.



Standard Safety and Supply

<https://standardtx.com/>

NMAC Closure Criteria Remediation and Reclamation					
depths in feet (ft)	Benzene	BTEX	TPH (GRO-DRO)	TPH (GRO-DRO-MRO)	Chloride
0-Max depth (ft)	10 mg/kg	50mg/kg	---*	100 mg/kg	600 mg/kg
* value must not exceed TPH (GRP-DRO-MRO) value					

The site characterization documentation can be found under Attachment B: Site Characterization

Liner Inspection Activities

After the liner was cleaned on September 25, 2025, Standard performed a liner inspection. The liner was clear of any staining and contaminants. The liner integrity was intact and had no rips, tears, cracks, holes, or other forms of damage.

Photographs taken during the liner inspection can be found under Attachment C: Photographic Log.

Closing

Based on information provided herein Oxy respectfully requests that a no further actions designation be assigned to this incident. If you have any questions regarding the Site Characterization and Liner Inspection Report for [nAPP2523141874] – Red Tank 30 WTR Treatment FAC please contact us at the following:

Address: 2524 Trunk St, Odessa TX 79761
Contact: 254-266-5456



Standard Safety and Supply

<https://standardtx.com/>

Attachments

- Attachment A: Figures
 1. Site Location Map
 2. Topographic Map
 3. Secondary Containment Map
- Attachment B: Site Characterization
 1. OCD Well map and Karst Potential
 2. OSE POD
 3. Well Log
 4. Open Environment Wetlands
 5. Wetlands Inventory
 6. National Flood Hazard Layer
- Attachment C: Photographic Documentation



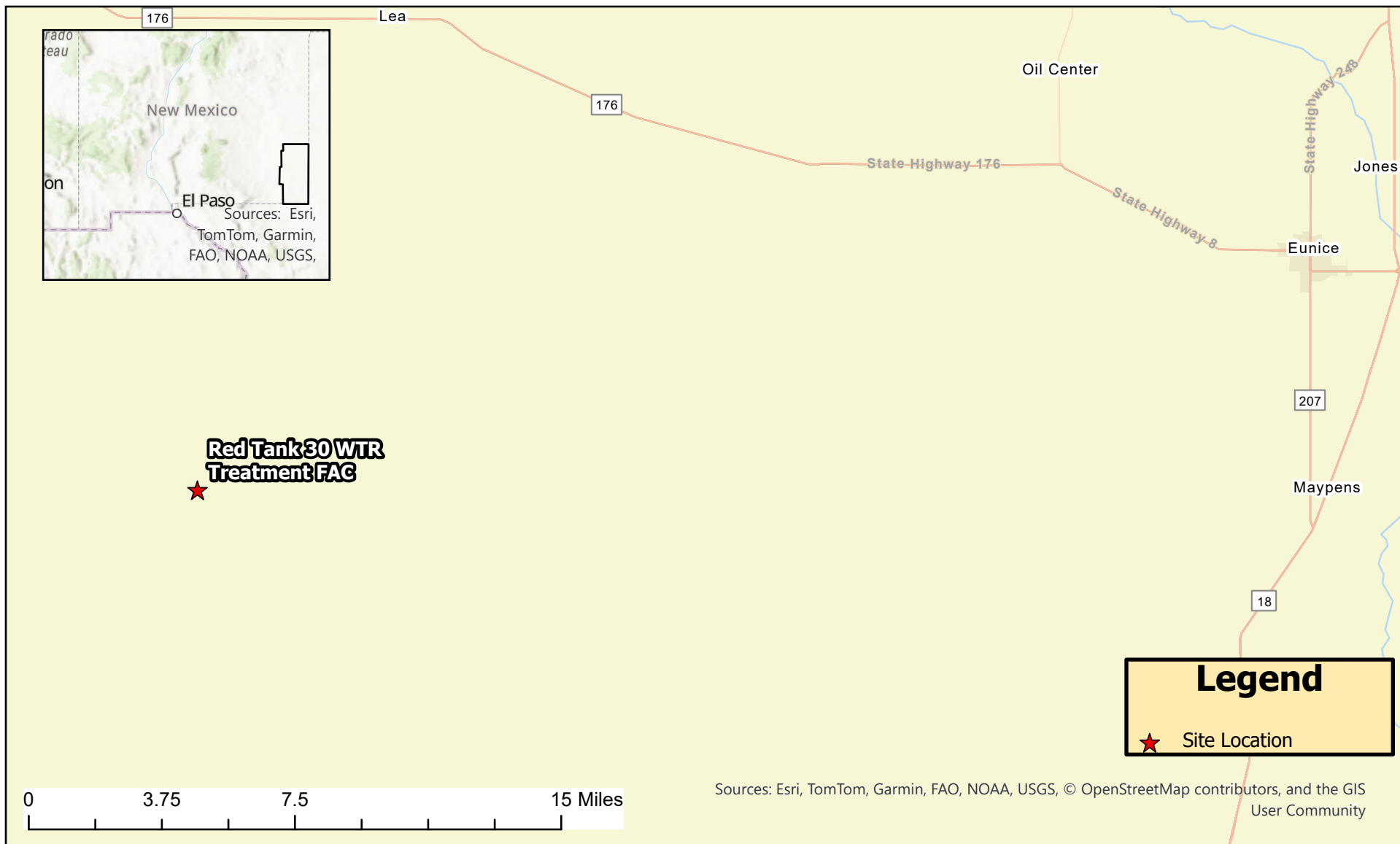
Standard Safety and Supply

<https://standardtx.com/>

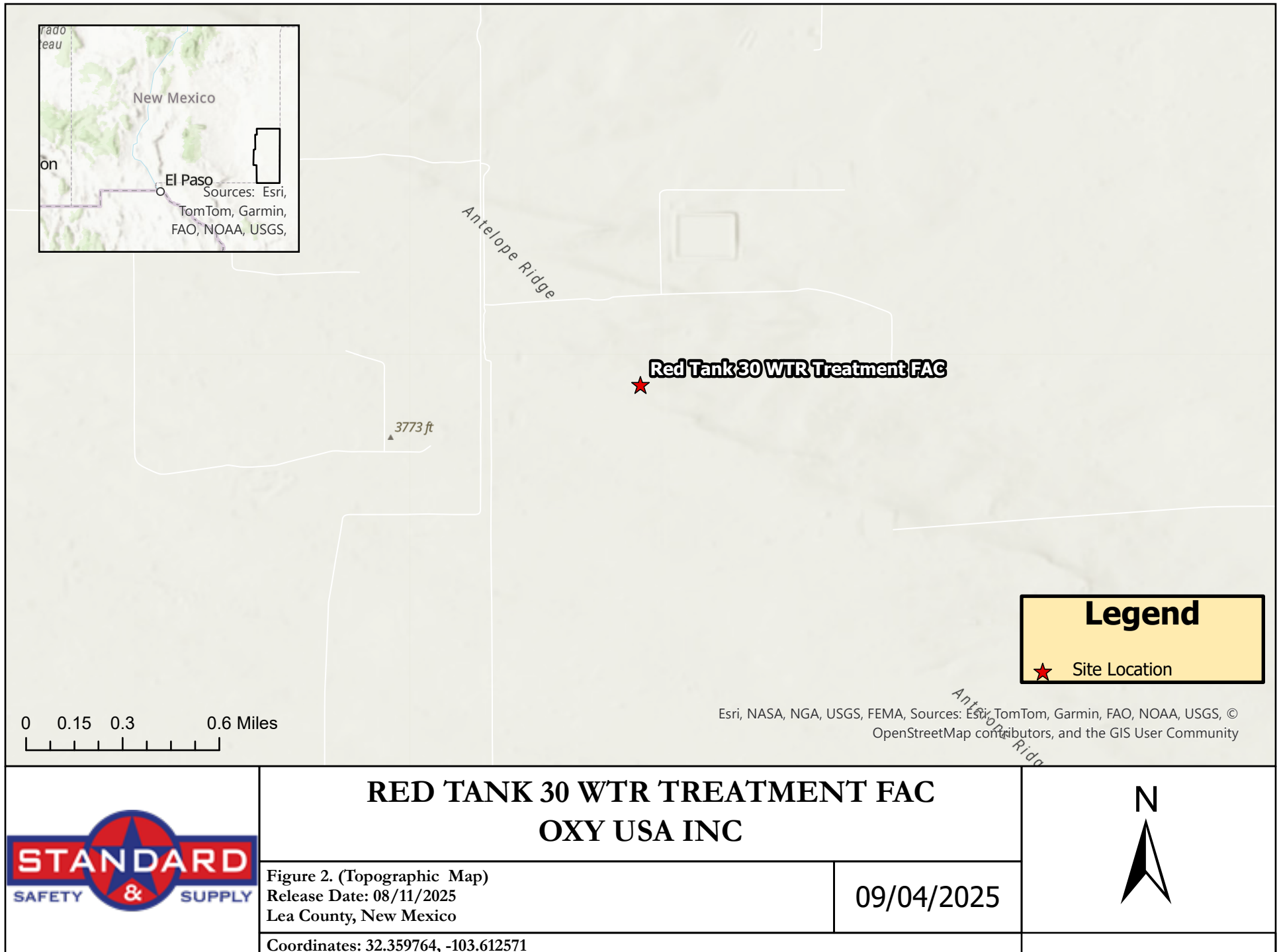


ATTACHMENT A: FIGURES





	RED TANK 30 WTR TREATMENT FAC OXY USA INC		
	Figure 1. (Site Location Map) Release Date: 08/11/2025 Lea County, New Mexico	09/04/2025	
	Coordinates: 32.359764, -103.612571		





	RED TANK 30 WTR TREATMENT FAC OXY USA INC		
	Figure 3. (Secondary Containment Map) Release Date: 08/11/2025 Lea County, New Mexico	09/04/2025	
	Coordinates: 32.359764, -103.612571		

Standard Safety and Supply

<https://standardtx.com/>



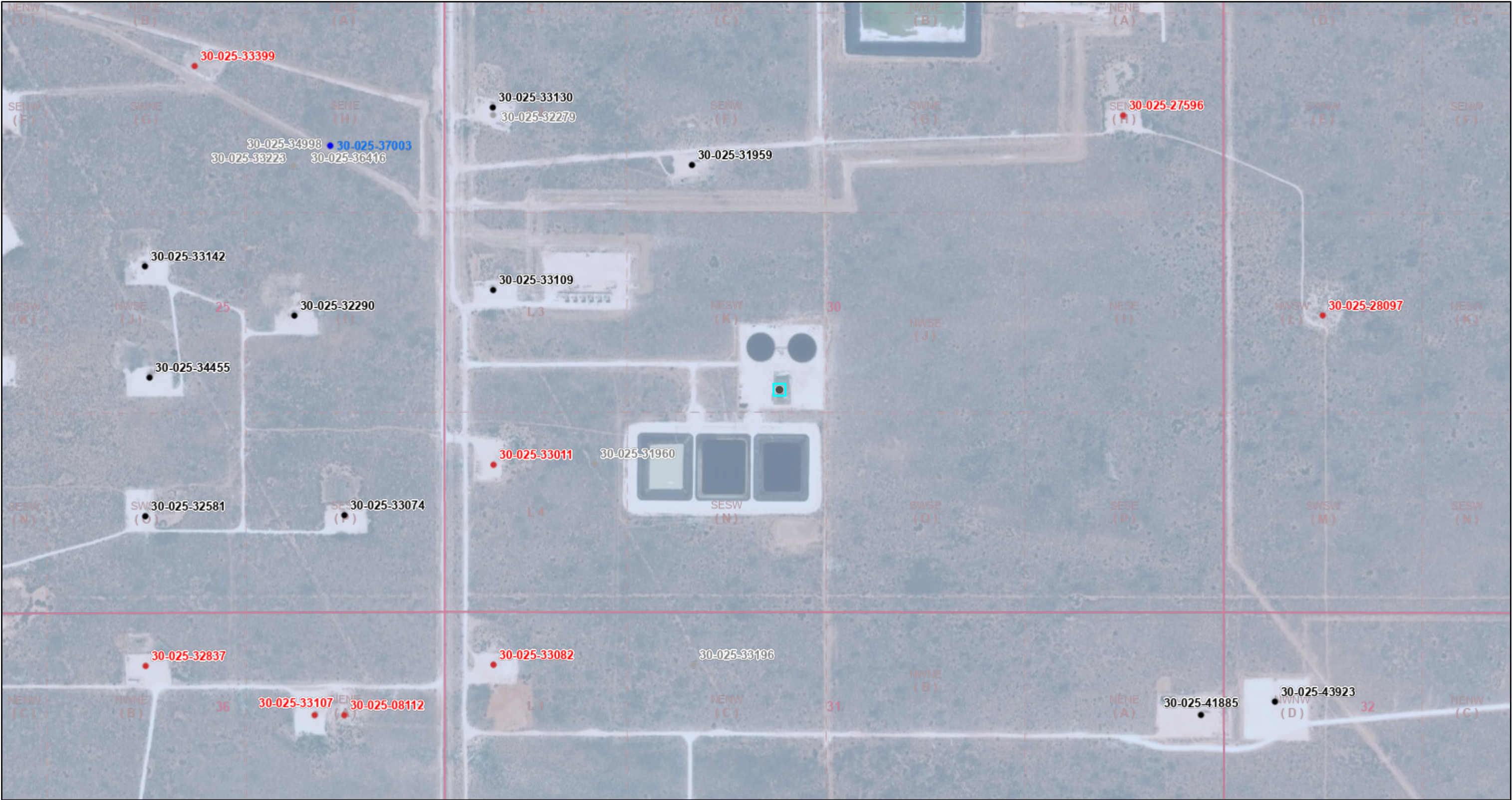
ATTACHMENT B: SITE CHRACTERIZATION



New Mexico Site Characterization

Red Tank 30 WTR Treatment FAC		nAPP2523141874
Impact Groundwater?	No	
Groundwater Depth	Between 100 and 500 (ft.)	
Flowing or significant watercourse within 300ft?	No	
Playas, wetlands, and/or lakebeds within 200ft?	No	
Wetland within 300ft?	No	
Within a 100 year flood plain?	No	
Water well used by less than five households for domestic or stock watering purposes within 500ft?	No	
Any other fresh water spring within 1,000ft?	No	
Occupied permanent residence, school, hospital, institution, or church within 300ft?	No	
Within an incorporated municipal boundaries or a defined municipal fresh water well field?	No	
Within an (non-karst) unstable area	No	
Within an area overlying a subsurface	No	
Karst Potential	Low	
Did the release impact areas not on an exploration, development, production, or storage site	No	

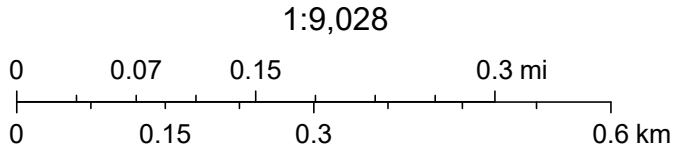
OCD Well Locations



9/2/2025, 2:55:53 PM

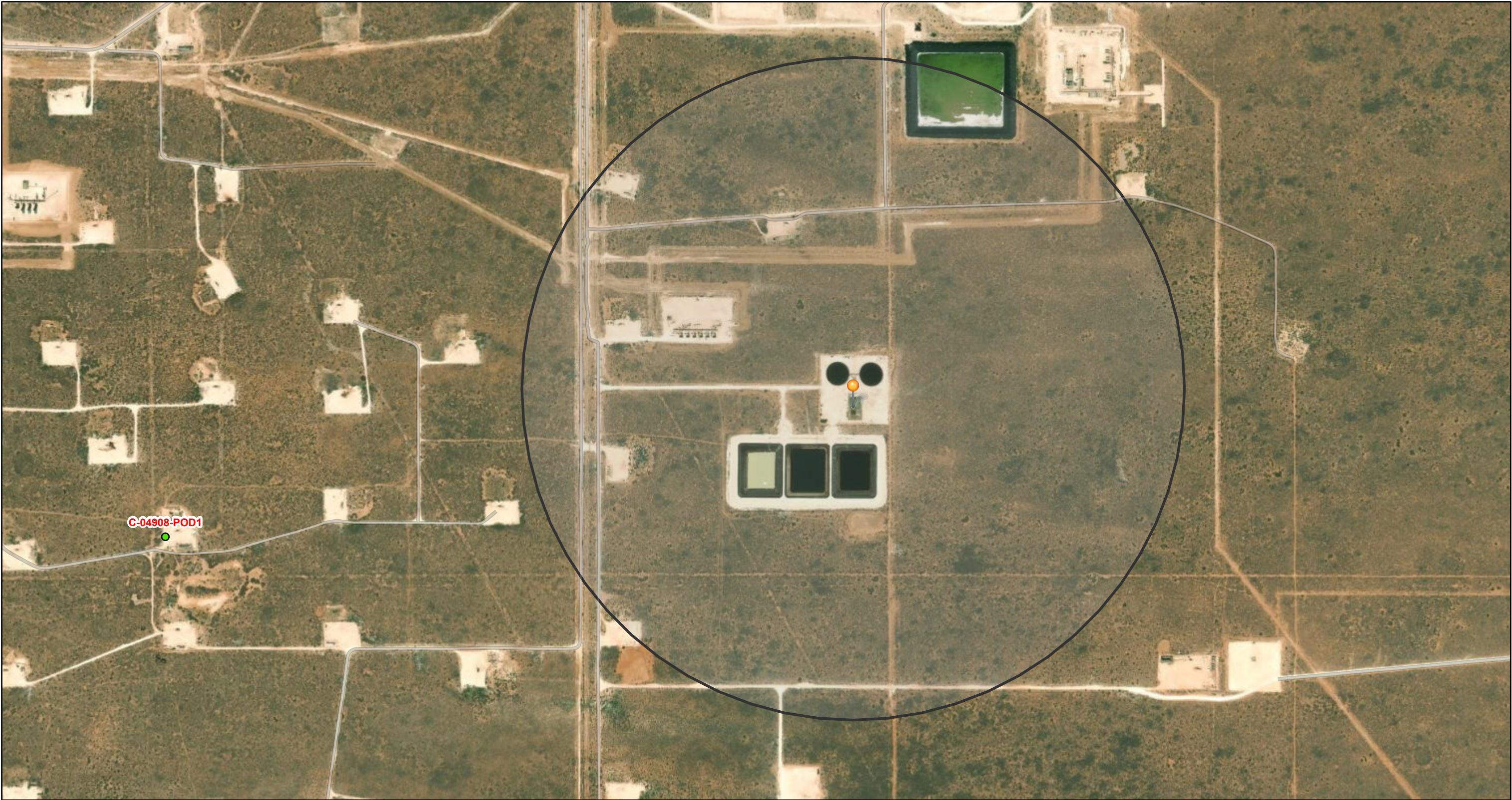
Wells - Large Scale

- Oil, Plugged
- Oil, Active
- Oil, Cancelled
- Oil, New
- Karst Occurrence Potential
- Low
- PLSS First Division
- PLSS Second Division



BLM, OCD, New Mexico Tech, OCD, Maxar, BLM

OSE POD Locations Map



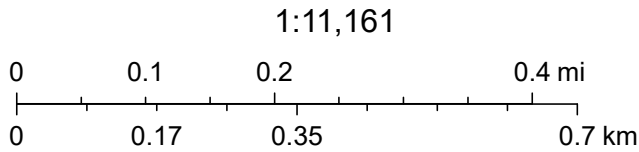
9/2/2025, 2:41:40 PM

GIS WATERS PODs

- Pending
- World Imagery

- Low Resolution 15m Imagery
- High Resolution 60cm Imagery
- High Resolution 30cm Imagery

- Citations
- 2.4m Resolution Metadata



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, Maxar

Legend Basemap Query 1:4,514

Legend

All Layers On/Off
All Layer Transparency

NM Wetlands Mapping and Classification

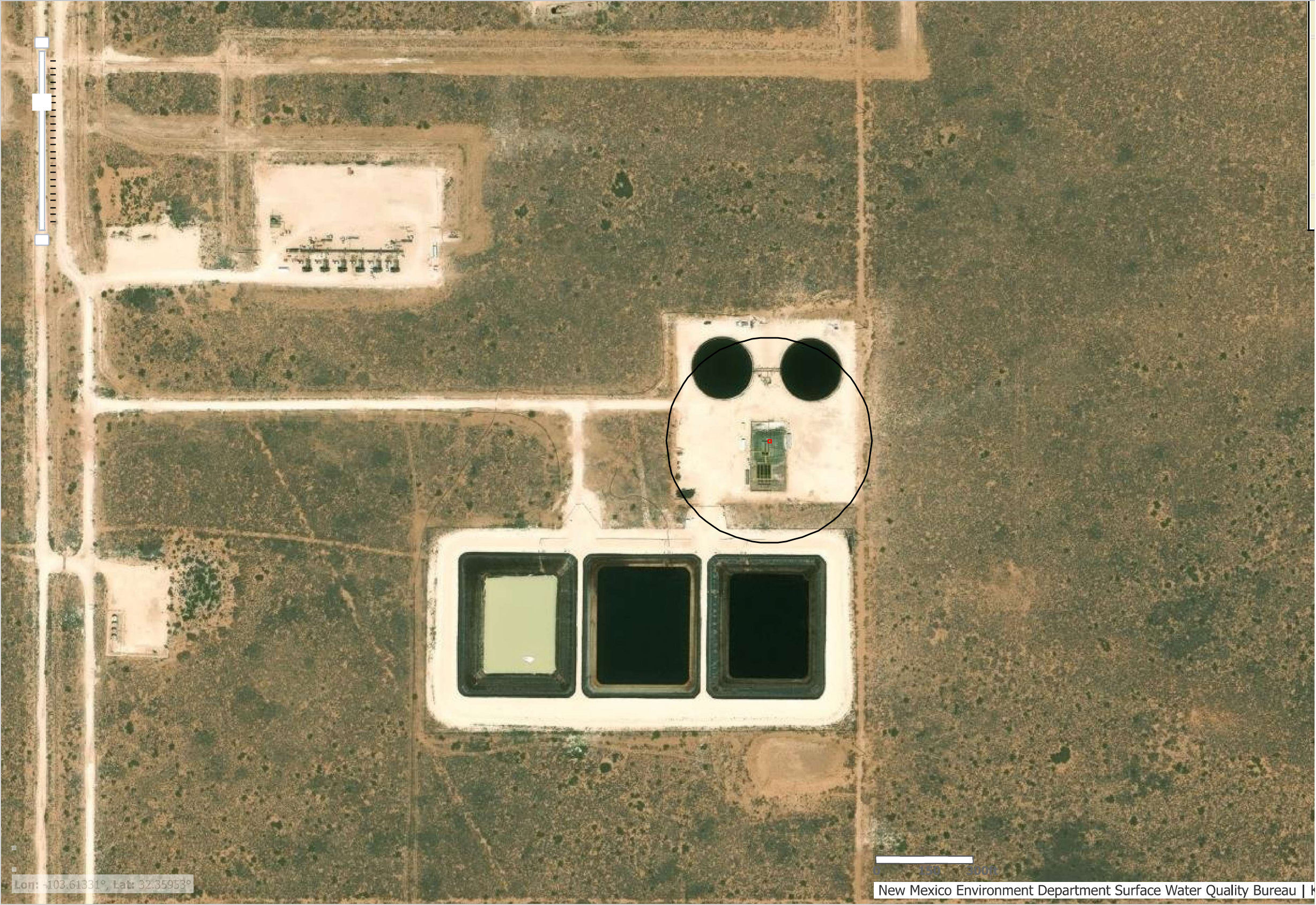
NM Wetlands Mapping and Classification

- Mapping Status
Riparian Habitat
- Hydrogeomorphic Mapping (HGM) Linears
Riverine
- Hydrogeomorphic Mapping (HGM)
Polygons
- Depressional
 - Flats
 - Lacustrine Fringe
 - Riverine
 - Slope

- Landscape Position and Water Body
(LLWW) Linears
- Lentic (LE)
 - Lotic River (LR)
 - Lotic Stream (LS)
 - Pond (PD)
 - River (RV)
 - Stream (ST)
 - Terrene (TE)

- Landscape Position and Water Body
(LLWW) Polygons
- Lentic (LE)
 - Lake (LK)
 - Lotic River (LR)
 - Lotic Stream (LS)
 - Pond (PD)
 - River (RV)
 - Stream (ST)
 - Terrene (TE)

- Landform (LLWW)
- Basin
 - Flat
 - Floodplain





Red Tank 30 WTR Treatment FAC



September 2, 2025

Wetlands

-  Estuarine and Marine Deepwater
-  Estuarine and Marine Wetland

-  Freshwater Emergent Wetland
-  Freshwater Forested/Shrub Wetland
-  Freshwater Pond

-  Lake
-  Other
-  Riverine

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

National Flood Hazard Layer FIRMette



103°37'4"W 32°21'50"N



0 250 500 1,000 1,500 2,000 Feet

1:6,000

103°36'27"W 32°21'19"N

Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 9/2/2025 at 7:57 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

Standard Safety and Supply

<https://standardtx.com/>

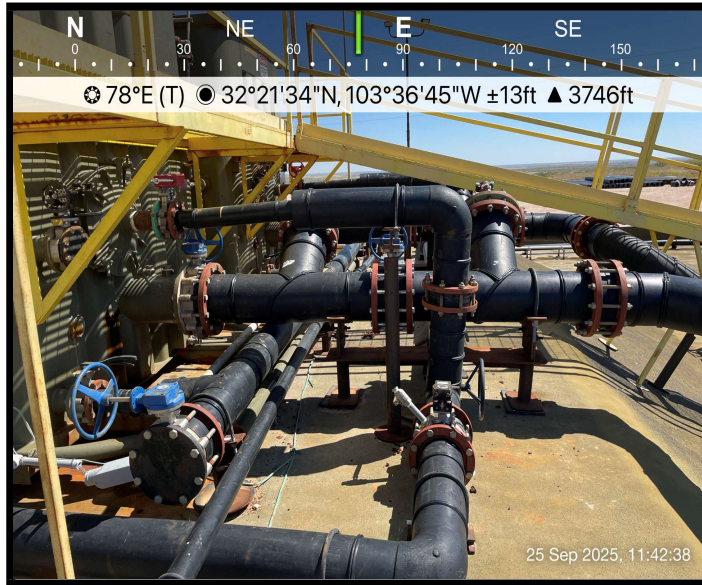


ATTACHMENT C: PHOTOGRAPHIC DOCUMENTATION



Liner Inspection

Red Tank 30 WTR Treatment FAC



View of secondary containment



View of secondary containment

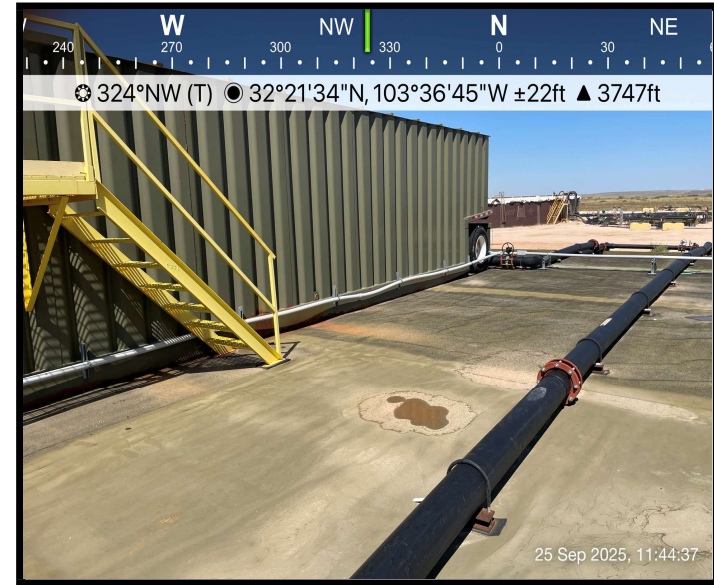


Liner Inspection

Red Tank 30 WTR Treatment FAC



View of secondary containment

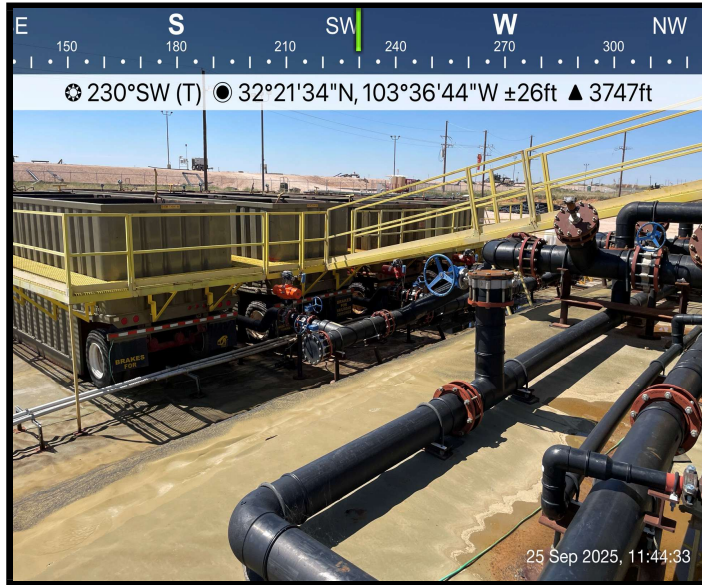


View of secondary containment



Liner Inspection

Red Tank 30 WTR Treatment FAC



View of secondary containment



View of secondary containment



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

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

QUESTIONS

Action 514631

QUESTIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 514631
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2523141874
Incident Name	NAPP2523141874 RED TANK 30 WTR TREATMENT FAC @ K-30-22S-33E
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	RED TANK 30 WTR TREATMENT FAC
Date Release Discovered	08/11/2025
Surface Owner	State

Incident Details	
<i>Please answer all the questions in this group.</i>	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
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	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Valve Produced Water Released: 300 BBL Recovered: 300 BBL Lost: 0 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
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.

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

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

QUESTIONS, Page 2

Action 514631

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 514631
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be 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: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety 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.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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.

I hereby agree and sign off to the above statement	Name: Daniel Sparks Title: Environmental Analyst III Email: daniel_sparks@oxy.com Date: 10/13/2025
--	---

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

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

QUESTIONS, Page 3

Action 514631

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID:
	16696
	Action Number:
	514631
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
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	Estimate or Other
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and 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	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
<i>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.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>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.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	Yes
<i>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>	
On what estimated date will the remediation commence	09/18/2025
On what date will (or did) the final sampling or liner inspection occur	09/25/2025
On what date will (or was) the remediation complete(d)	09/25/2025
What is the estimated surface area (in square feet) that will be remediated	24000
What is the estimated volume (in cubic yards) that will be remediated	0
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>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.</i>	

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

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

QUESTIONS, Page 4

Action 514631

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 514631
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>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.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
Is (or was) there affected material present needing to be removed	No
Is (or was) there a power wash of the lined containment area (to be) performed	Yes
OTHER (Non-listed remedial process)	Not answered.
<i>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>	
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.	
I hereby agree and sign off to the above statement	Name: Daniel Sparks Title: Environmental Analyst III Email: daniel_sparks@oxy.com Date: 10/13/2025
<i>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.</i>	

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

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

QUESTIONS, Page 6

Action 514631

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID:
	16696
	Action Number:
	514631
Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Liner Inspection Information	
Last liner inspection notification (C-141L) recorded	507845
Liner inspection date pursuant to Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC	09/25/2025
Was all the impacted materials removed from the liner	Yes
What was the liner inspection surface area in square feet	24000

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	Yes
What was the total surface area (in square feet) remediated	24000
What was the total volume (cubic yards) remediated	0
Summarize any additional remediation activities not included by answers (above)	Secondary containment was washed

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: 10/13/2025
--	---

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

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 514631

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 514631
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Liner inspection approved, release resolved. Restoration complete.	10/15/2025