



Liquid Release Volume Calculator - E&P Exempt Material

Facility/Pipeline Name: **Pintail Reuse Facility** Date: **7/1/2026**
 Product Released: **Crude Oil** **NO** Produced Water: **YES** Condensate: **NO** Did release enter water?: **NO**
 Region: **NEW MEXICO** Inside/Outside of Containment: **INSIDE CONTAINMENT**

Total Area Calculations - Rectangle (Outside Containment)				
Total Surface Area	Length	Width	Wet Soil Depth	Area Covered (%)
Rectangle Area 1	ft. x	ft. x	in.	0.00%
Rectangle Area 2	ft. x	ft. x	in.	0.00%
Rectangle Area 3	ft. x	ft. x	in.	0.00%
Rectangle Area 4	ft. x	ft. x	in.	0.00%
Rectangle Area 5	ft. x	ft. x	in.	0.00%

Total Area Calculations - Circle (Outside Containment)				
Total Surface Area	Diameter	Radius	Depth	Area Covered (%)
Circle 1	ft.	0 ft.	0 in.	0.00%
Circle 2	ft.	0 ft.	0 in.	0.00%
Circle 3	ft.	0 ft.	0 in.	0.00%
Circle 4	ft.	0 ft.	0 in.	0.00%
Circle 5	ft.	0 ft.	0 in.	0.00%

*Soil Type: **Containment**
 Liquid Holding Factor: **1**

*Oil Cut %:

Saturated Soil Volume Calculation - Rectangle (Outside Containment)			
Total Surface Area	Volume		
Rectangle Area 1	0.00 sq. ft.	0.00 cu. ft.	
Rectangle Area 2	0.00 sq. ft.	0.00 cu. ft.	
Rectangle Area 3	0.00 sq. ft.	0.00 cu. ft.	
Rectangle Area 4	0.00 sq. ft.	0.00 cu. ft.	
Rectangle Area 5	0.00 sq. ft.	0.00 cu. ft.	
Total Volume:	0.00 sq. ft.	0.00 cu. ft.	

Saturated Soil Volume Calculation - Circle (Outside Containment)			
Total Surface Area	Volume		
Circle 1	0.00 cu. ft.		
Circle 2	0.00 cu. ft.		
Circle 3	0.00 cu. ft.		
Circle 4	0.00 cu. ft.		
Circle 5	0.00 cu. ft.		
Total Volume:	0.00 cu. ft.		

Approximate Volume Released - Rectangle				
	Hydrocarbon Lost:	REPORTABLE?	Produced Water Lost:	REPORTABLE?
Liquid in Soil (Out Cont.):	0.00 BBL		0.00 BBL	
Standing Liquid (In Cont.):	0.00 BBL		59.00 BBL	
In Cont. Adj. Disp. Volume:	0.00 BBL		0.00 BBL	
Hydrocarbon / PW Totals:	0.00 BBL	NO	59.00 BBL	YES
TOTAL VOLUME RELEASED:	59.00 BBL		2,478.00 GAL	
RECOVERED VOLUME:	59.00 BBL			

Approximate Volume Released - Circle				
	Hydrocarbon Lost	REPORTABLE?	Produced Water Lost	REPORTABLE?
Liquid in Soil (Out Cont.):	0.00 BBL		0.00 BBL	
Standing Liquid (In Cont.):	0.00 BBL		0.00 BBL	
In Cont. Adj. Disp. Volume:	0.00 BBL		0.00 BBL	
Hydrocarbon / PW Totals:	0.00 BBL	NO	0.00 BBL	NO
TOTAL VOLUME RELEASED:	0.00 BBL		0.00 GAL	
RECOVERED VOLUME:	59.00 BBL			

Standing Liquid Calculations - Rectangle (Inside Containment)				
Total Standing Liquid	Length	Width	Depth	Area Covered (%)
Rectangle Area 1	60 ft. x	60 ft. x	4 in.	27.61%
Rectangle Area 2	ft. x	ft. x	0 in.	0.00%
Rectangle Area 3	ft. x	ft. x	in.	0.00%
Rectangle Area 4	ft. x	ft. x	in.	0.00%
Rectangle Area 5	ft. x	ft. x	in.	0.00%

Standing Liquid Calculations - Circle (Inside Containment)				
Total Surface Area	Diameter	Radius	Depth	Area Covered (%)
Circle 1	ft.	ft.	in.	0.00%
Circle 2	ft.	ft.	in.	0.00%
Circle 3	ft.	ft.	in.	0.00%
Circle 4	ft.	ft.	in.	0.00%
Circle 5	ft.	ft.	in.	0.00%

*Fluid Recovered: **59 BBL**

Standing Saturated Soil Volume Calculation - Rectangle (Inside Containment)			
Total Surface Area	Volume		
Rectangle Area 1	3,600.00 sq. ft.	331.28 cu. ft.	
Rectangle Area 2	0.00 sq. ft.	0.00 cu. ft.	
Rectangle Area 3	0.00 sq. ft.	0.00 cu. ft.	
Rectangle Area 4	0.00 sq. ft.	0.00 cu. ft.	
Rectangle Area 5	0.00 sq. ft.	0.00 cu. ft.	
Total Volume:	3,600.00 sq. ft.	331.28 cu. ft.	

Standing Saturated Volume Calculation- Circle (Inside Containment)			
Total Surface Area	Volume		
Circle 1	0.00 cu. ft.		
Circle 2	0.00 cu. ft.		
Circle 3	0.00 cu. ft.		
Circle 4	0.00 cu. ft.		
Circle 5	0.00 cu. ft.		
Total Volume:	0.00 cu. ft.		

Tank Displacement (Circle or Rectangle; In Containment ONLY)				
Tank Diameter	Depth	# of Tanks	Displacement	
ft	in		0.00	BBL
0 ft	0 in	0	0.00	BBL
0 ft	0 in	0	0.00	BBL
0 ft	0 in	0	0.00	BBL
0 ft	0 in	0	0.00	BBL
Total Displacement:			0.00	BBL

Agency Reportability		
	RECTANGLE	CIRCLE
AGENCY REPORTABLE?	YES	NO
NRC	NO	NO
STATE AGENCY	YES	NO
BLM	NO	NO

Liner Inspection and Closure Report

Solaris Water Midstream LLC

Pintail Reuse Facility

Incident ID: nAPP2618250645

Lea County, NM

Release Summary

On 7/1/2026, approximately 59 barrels (bbls) of produced water were released entirely into lined secondary containment. The release did not leave the containment area and did not impact areas outside of an exploration, development, production, or storage site. All released fluids were recovered from containment. There were no injuries associated with this release. The NMOCD was notified of the incident on 7/1/2026 via submission of the NOR.

Site Characterization

The Pintail Reuse Facility is located approximately 27.7 miles from Jal, New Mexico, in Lea County. The release was located in Unit A, Section 09, Township 26S, Range 32E (Latitude 32.0614 Longitude -103.6755. See Figure 1 for the location map.

Groundwater

Based on data from the NM OSE iWaters Database Search, the shallowest depth to groundwater in the vicinity is 108 feet below ground surface (bgs), located approximately 2.58 miles southwest of the facility at POD C-03595. The release did not impact surface or groundwater. The nearest permanent dwelling is located approximately 2.5 miles southwest of the facility (Latitude 32.026373 Longitude -103.683181). A permitted well for livestock watering is located approximately 2.42 miles southwest of the facility at POD C 02271 (see the POD location Map). The lateral extents of the release are not located within 5 miles of incorporated municipal boundaries or within a defined municipal well field.

Surface Water

The nearest significant watercourse is the Red Hills Draw located approximately 1.2 miles east of the facility. The nearest OSW mapped water body is greater than 5 miles from the facility. The nearest wetland is approximately 1.2 miles east of the facility. The facility is located approximately 2.9 miles from a mapped Zone A flood plain.

Geology

The Pintail Reuse Facility is located greater than 5 miles from any subsurface mine. The facility is located in an area of medium karst potential. Refer to Appendix B for relevant maps and survey information.

Site Assessment and Liner Inspection

On 7/22/2026, a C-141L was submitted and approved by the NMOCD. The containment liner was visually inspected on 7/24/2026. Demonstration of liner integrity is documented in Appendix C. No deficiencies were identified during the inspection. In accordance with NMAC 19.15.29, soil samples were not required. Solaris Water Midstream LLC is requesting closure for incident nAPP2618250645.

Attachments

Figures

- Figure 1 – Location Map
- Figure 2 – Scaled Facility Diagram

Appendix A – Surface and Groundwater

- Significant Watercourse Map
- National Wetland Inventory Map
- National Flood Hazard Map
- PODS Map
- Water Right Summary
 - Domestic and Livestock Watering Well (C-02271)
 - POD Summary (C-03595)
- Depth to Groundwater
 - POD Summary (C-03595)
 - Boring Log (C-03595)

Appendix B - Geology

- Karst Potential Map
- NM Mine Map
- Soil Survey

Appendix C – Liner Inspection

- 48-hour Notification C141-L
- Liner Inspection Form
- Photographic Documentation

Site Characterization- Figures

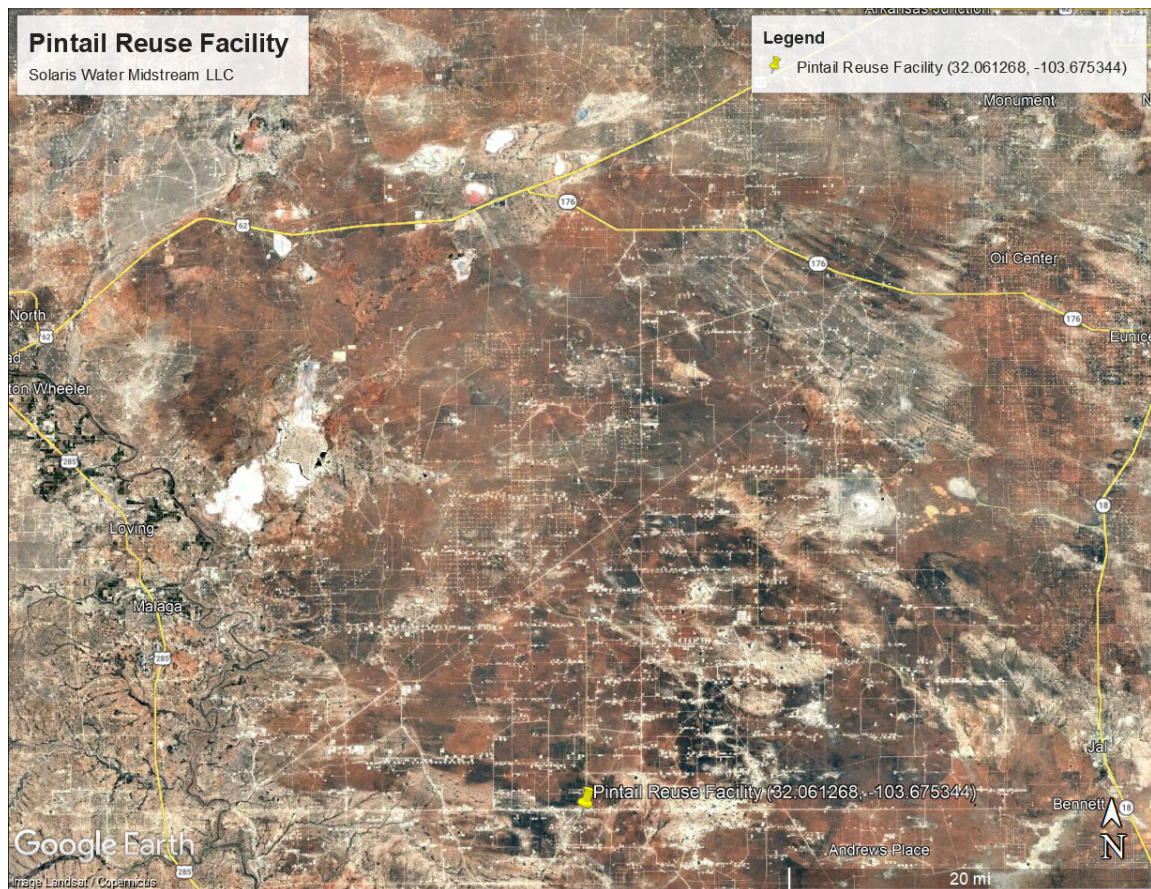


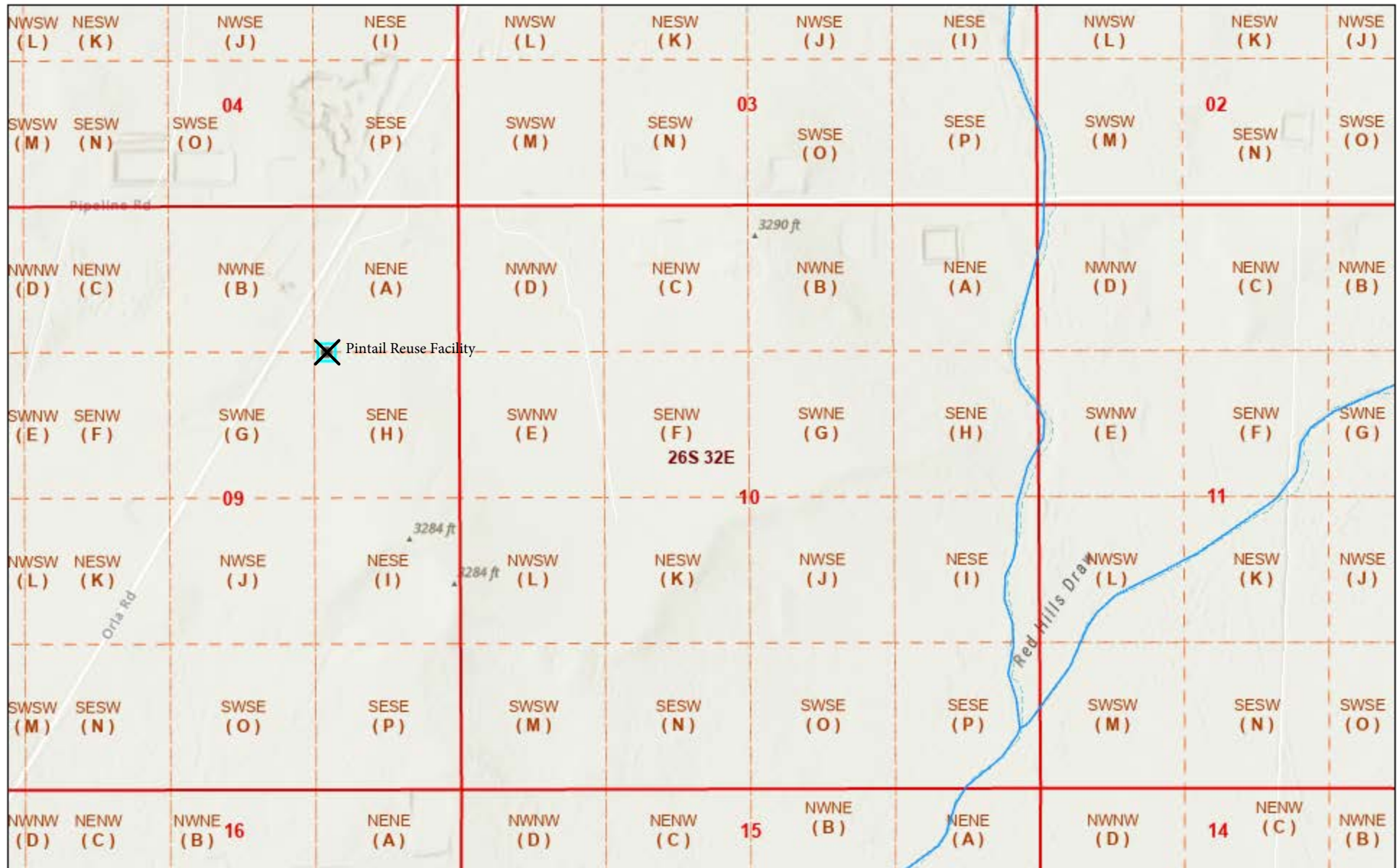
Figure 1 Location Map



Figure 2 Scaled Facility Diagram

Appendix A – Surface and Groundwater

Significant Watercourse Map - Pintail Reuse Facility



5/4/2026, 9:26:17 AM

— OSE Streams PLSS First Division
 PLSS Second Division PLSS Townships



1:18,056
 0 0.13 0.25 0.5 mi
 0 0.2 0.4 0.8 km

NM OSE, OCD, BLM. Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Esri, NASA.

New Mexico Oil Conservation Division

NM OCD Oil and Gas Map. <http://nm-eminrd.maps.arcgis.com/apps/webappviewer/index.html?id=4d017f2306164de29fd2fb9f8135ca75>; New Mexico Oil Conservation Division



U.S. Fish and Wildlife Service

National Wetlands Inventory

Wetlands Map - Pintail Reuse Facility



May 4, 2026

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 FIRMMette



103°40'50"W 32°3'56"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
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 5/4/2026 at 3:58 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.

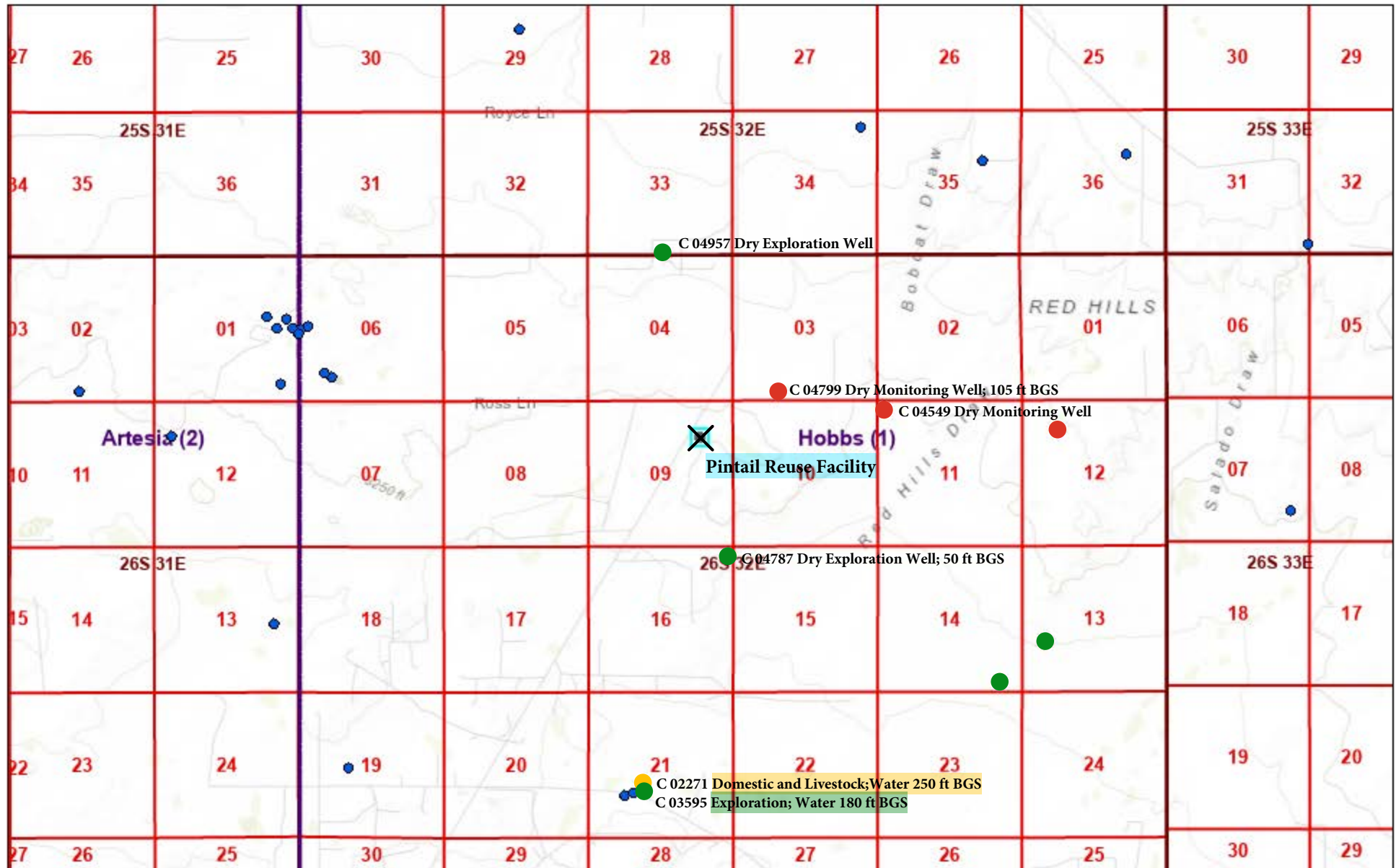
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1:6,000

103°40'13"W 32°3'26"N

Basemap Imagery Source: USGS National Map 2023

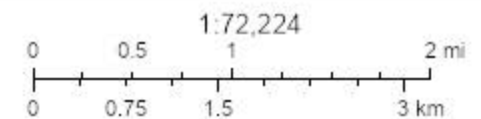
POD Map - Pintail Reuse Facility



5/4/2026, 9:52:16 AM

- OSE Points of Diversion
- PLSS First Division
- OCD Districts
- PLSS Townships

- Exploration Well
- Domestic and Livestock Well
- Monitoring Well



OCD, BLM, Bureau of Land Management, Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, NGA, EPA, USDA

New Mexico Oil Conservation Division

NM OCD Oil and Gas Map. <http://nm-eminrd.maps.arcgis.com/apps/webappviewer/index.html?id=4d017f2306164de29fd2fb9f8135ca75>; New Mexico Oil Conservation Division

Water Right Summary



WR File Number:	C 02271	Subbasin:	CUB	Cross Reference:
Primary Purpose:	PDL NON 72-12-1 DOMESTIC & LIVESTOCK			
Primary Status:	DCL Declaration			
Total Acres:	0.000	Subfile:	Header:	
Total Diversion:	3.000	Cause/Case:		
Owner:	CERBERUS LAND & CATTLE CO. LLC	Owner Class:	Owner	
Contact:	AARON K. DAVIS			

Documents on File

(acre-feet per annum)

Transaction Images	Trn #	Doc	File/Act	Status 1	Status 2	Transaction Desc.	From/To	Acres	Diversion	Consumptive
get images	716536	COWNF	2021-09-29	CHG	PRC	C 02271	T	0.000	0.000	
get images	537020	COWNF	2012-02-22	CHG	PRC	C 02271	T	0.000	0.000	
get images	198439	DCL	1994-02-25	DCL	PRC	C 02271 AMENDED	T	0.000	3.000	
get images	537012	DCL	1992-10-19	DCL	PRC	C 02271 AMENDED	T	0.000	3.000	
get images	198428	DCL	1984-03-05	DCL	PRC	C 02271	T	0.000	3.000	

Current Points of Diversion

POD Number	Well Tag	Source	Q64	Q16	Q4	Sec	Tw	Rng	X	Y	Map	Other Location Desc
C 02271.POD2		Shallow	SW	NE	SW	21	26S	32E	624348.0	3544010.0 *		MEXICO WELLS

* UTM location was derived from PLSS - see Help

Priority Summary

Priority	Status	Acres	Diversion	POD Number	Source
1909-12-31	DCL	0.000	3.000	C 02271.POD2	Shallow

Place of Use

Q256	Q64	Q16	Q4	Sec	Tw	Rng	Acres	Diversion	CU	Use	Priority	Status	Other Location Desc
							0.000	3.000		PDL	1909-12-31	DCL	NO PLACE OF USE GIVEN

Source

Acres	Diversion	CU	Use	Priority	Source	Description
0.000	3.000		PDL	1909-12-31	GW	

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

5/4/26 9:38 AM MST

Water Rights Summary

Water Right Summary



get image
list

WR File Number:	C 03595	Subbasin:	CUB	Cross Reference:	
Primary Purpose:	EXP EXPLORATION				
Primary Status:	PMT Permit				
Total Acres:		Subfile:		Header:	
Total Diversion:	0.000	Cause/Case:			
Owner:	OLIVER D KIEHNE	Owner Class:	Agent		
Contact:	MSTAPLETON LLC				

Documents on File

(acre-feet per annum)

Transaction Images	Trn #	Doc	File/Act	Status 1	Status 2	Transaction Desc.	From/To	Acres	Diversion	Consumptive
get images	517513	EXPL	2012-11-27	PMT	LOG	C-3595	T	0.000	0.000	

Current Points of Diversion

POD Number	Well Tag	Source	Q64	Q16	Q4	Sec	TwS	Rng	X	Y	Map	Other Location Desc
C 03595 POD1		Shallow	SE	NE	SW	21	26S	32E	624422.6	3544045.9		

* UTM location was derived from PLSS - see Help

Point of Diversion Summary

quarters are 1=NW 2=NE 3=SW 4=SE quarters are smallest to largest				NAD83 UTM in meters						
Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
C 03595	POD1	SE	NE	SW	21	26S	32E	624422.6	3544045.9	

* UTM location was derived from PLSS - see Help

Driller License:	1654	Driller Company:	NOT WORKING FOR HIRE--SIRMAN DRILLING AND CONSTRUC				
Driller Name:	SIRMAN, JOHN (LD)						
Drill Start Date:	2013-09-30	Drill Finish Date:	2013-09-30			Plug Date:	
Log File Date:	2013-10-29	PCW Rcv Date:				Source:	Shallow
Pump Type:			Pipe Discharge Size:				Estimated Yield:
Casing Size:	6.00	Depth Well:	280			Depth Water:	180

Water Bearing Stratifications:

Top	Bottom	Description
160	200	Sandstone/Gravel/Conglomerate

Casing Perforations:

Top	Bottom
200	240



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

STATE ENGINEER OFFICE
ROSWELL, NEW MEXICO

1. GENERAL AND WELL LOCATION	OSB POD NUMBER (WELL NUMBER) C-3595				OSB FILE NUMBER C-3595																	
	WELL OWNER NAME(S) Oliver D Kishne				PHONE (OPTIONAL) 432-448-6337																	
	WELL OWNER MAILING ADDRESS P.O. Box 135				CITY STATE ZIP Orla Tx 79770																	
	<table border="1"> <tr> <th>WELL LOCATION (FROM OPS)</th> <th>DEGREES</th> <th>MINUTES</th> <th>SECONDS</th> <th></th> </tr> <tr> <td>LATITUDE</td> <td>32</td> <td>01</td> <td>32.61</td> <td>N</td> </tr> <tr> <td>LONGITUDE</td> <td>103</td> <td>40</td> <td>56.71</td> <td>W</td> </tr> </table>				WELL LOCATION (FROM OPS)	DEGREES	MINUTES	SECONDS		LATITUDE	32	01	32.61	N	LONGITUDE	103	40	56.71	W	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84		
WELL LOCATION (FROM OPS)	DEGREES	MINUTES	SECONDS																			
LATITUDE	32	01	32.61	N																		
LONGITUDE	103	40	56.71	W																		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE CR1 South to Bottle Axe Rd - 3 miles east																						
2. DRILLING & CASING INFORMATION	LICENSE NUMBER 1654		NAME OF LICENSED DRILLER John Sieman			NAME OF WELL DRILLING COMPANY Sieman Drilling & Construction LLC																
	DRILLING STARTED 9/30/13		DRILLING ENDED 9/30/13		DEPTH OF COMPLETED WELL (FT) 280'		BORE HOLE DEPTH (FT) 280'															
					DEPTH WATER FIRST ENCOUNTERED (FT) 180'-0																	
	COMPLETED WELL IS: ☐ ARTESIAN ☐ DRY HOLE ☒ SHALLOW (UNCONFINED)						STATIC WATER LEVEL IN COMPLETED WELL (FT) 60'-0															
	DRILLING FLUID: ☐ AIR ☒ MUD ☐ ADDITIVES - SPECIFY:																					
	DRILLING METHOD: ☒ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER - SPECIFY:																					
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)														
	FROM	TO																				
	0	200	10"	PVC	Certa Lok	6"	DR-17	Blank														
	200	240	10"	PVC	Certa Lok	6"	DR-17	1032 Screen														
240	280	10	PVC	Certa Lok	6"	DR-17	Blank															
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT																
	FROM	TO																				
	0	20	10	3/8 hole plug Bentonite	6 sacks	gravity																
	40	280	10	3/8 pea gravel	4 yds	gravity																

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 06/08/2012)

FILE NUMBER	C-3595	POD NUMBER	1	TRN NUMBER	517513
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EXPL.

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Appendix B – Geology

Karst Potential Map - Pintail Reuse Facility



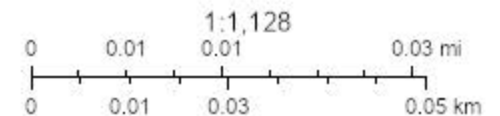
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Karst Occurrence Potential

Medium

PLSS Second Division

PLSS First Division

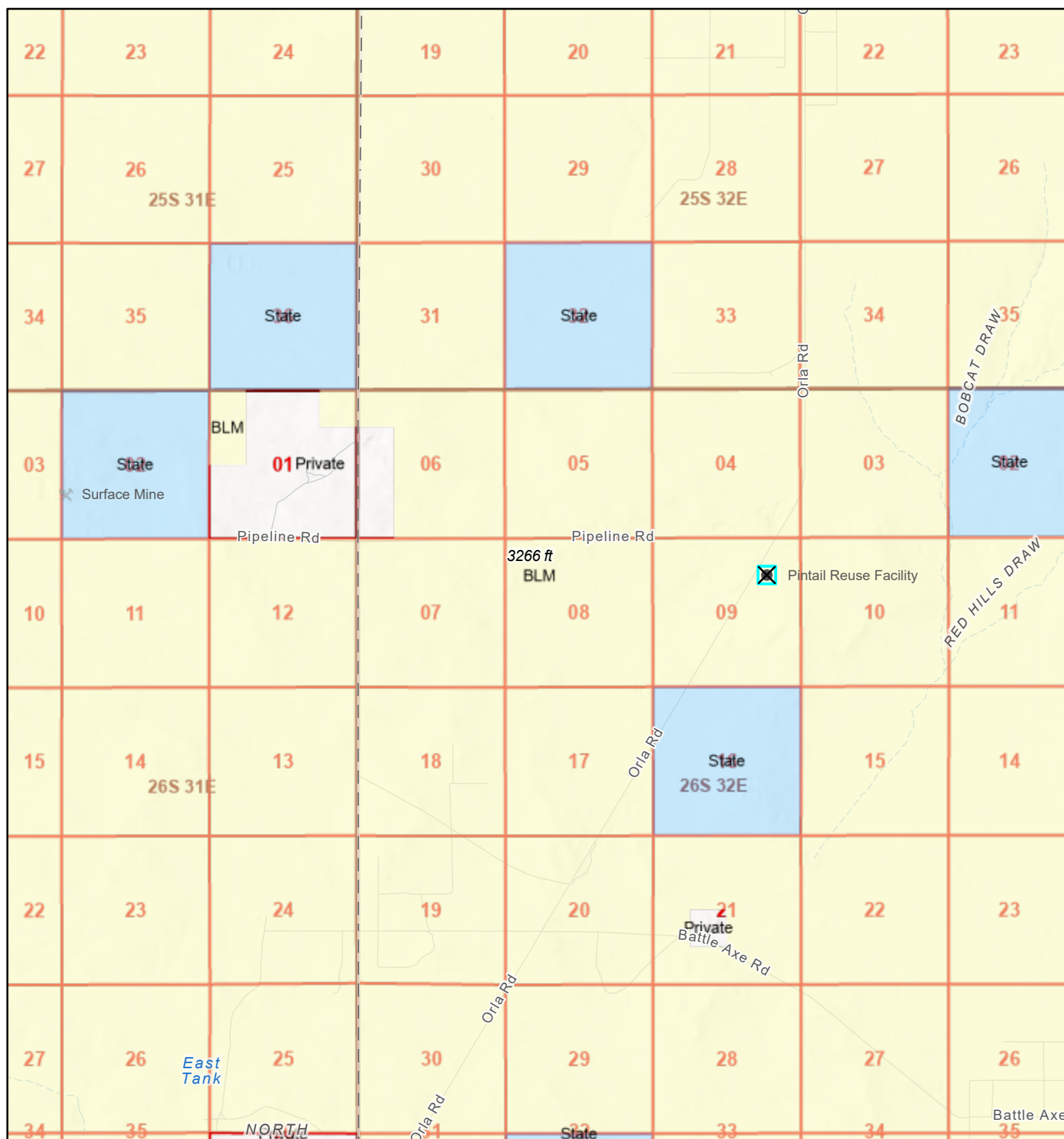


Esri, HERE, Garmin, IPC, BLM, OCD, New Mexico Tech, OCD, BLM, Microsoft, Vantor

New Mexico Oil Conservation Division

NM OCD Oil and Gas Map, <http://nm-eminrd.maps.arcgis.com/apps/webappviewer/index.html?id=4d017f2306164de29fd2fb9f8135ca75>; New Mexico Oil Conservation Division

Active Mines in New Mexico - Pintail Reuse Facility



5/4/2026, 9:31:42 AM

1:72,224

Registered Mines

P



Aggregate, Stone etc.

S

Land Ownership

BLM



PLSS First Division

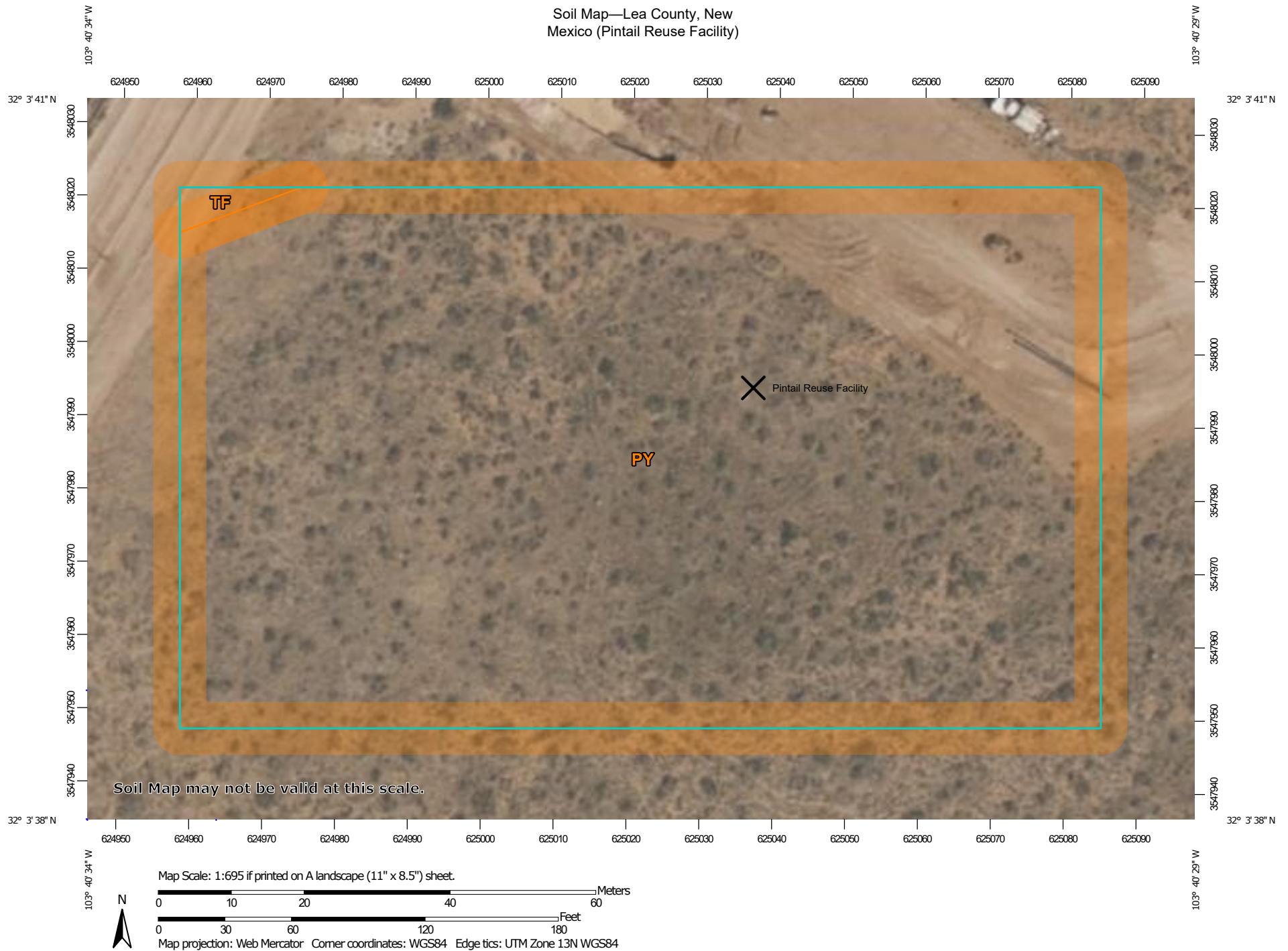


PLSS Townships



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, U.S. BLM, BLM, Esri, NASA, NGA, USGS, FEMA

Soil Map—Lea County, New Mexico (Pintail Reuse Facility)



Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

5/4/2026
Page 1 of 3

Soil Map—Lea County, New Mexico (Pintail Reuse Facility)

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Lea County, New Mexico

Survey Area Data: Version 22, Sep 9, 2025

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 7, 2020—May 12, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.



Natural Resources
Conservation Service

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
PY	Pyote soils and Dune land	2.3	99.4%
TF	Tonuco loamy fine sand, 0 to 3 percent slopes	0.0	0.6%
Totals for Area of Interest		2.3	100.0%

Appendix C Liner Inspection

MTULL (ENVIRONMENTAL REPRESENTATIVE FOR SOLARIS WATER MIDSTREAM, LLC)

SIGN OUT

HELP

OCD Permitting

Searches ▾Operator Data ▾Submissions ▾Administration ▾

Home / Operator Data / Action Status / Action Search Results / Action Status Item Details

[NOTIFY] Notification Of Liner Inspection (C-141L) Application

Submission Information

Submission ID:	607047	Districts:	Hobbs
Operator:	[371643] SOLARIS WATER MIDSTREAM, LLC	Counties:	Lea
Description:	SOLARIS WATER MIDSTREAM, LLC [371643] Pintail Reuse Facility nAPP2618250645		
Status:	Approved		
Status Date:	07/22/2026		
References (0):			

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	nAPP2618250645
Incident Name	NAPP2618250645 PINTAIL REUSE FACILITY @ H-09-26S-32E
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

Location of Release Source

Site Name	Pintail Reuse Facility
Date Release Discovered	07/01/2026
Surface Owner	Federal

Liner Inspection Event Information

Please answer all the questions in this group.

What is the liner inspection surface area in square feet	47,026
Have all the impacted materials been removed from the liner	Yes
Liner inspection date pursuant to Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC	07/24/2026
Time liner inspection will commence	12:40 PM
Warning: Notification can not be less than two business days prior to conducting liner inspection.	
Please provide any information necessary for observers to liner inspection	Standard class D PPE required on site.
Please provide any information necessary for navigation to liner inspection site	32 0614, -103 6755

Acknowledgments

This submission type does not have acknowledgments, at this time.

Comments

No comments found for this submission.

Conditions

Summary:

mtull (7/22/2026): Failure to notify the OCD of liner inspections including any changes in date/time per the requirements of 19.15.29.11.A(5)(a)(i) NMAC, may result in the inspection not being accepted.

Reasons

No reasons found for this submission.

Fees

No fees found for this submission.

Go Back

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Released to Imaging: 9/4/2026 10:15:40 AM

Liner Inspection Form

Company Name: Solaris Water Midstream LLC

Site: Pintail Reuse Facility

Lat/Long: (32.0614, -103.6755)

NMOCD Incident ID: nAPP2618250645

Incident Date: 7/1/2026

2- Day Notification Sent: YES

Inspection Date: 7/24/2026

Weather: Sunny

Liner Type: Steel with Poly Liner

Inspection Question	Yes	No	Comments
Are there tears or holes in the liner?		X	
Is the liner retaining any fluids?		X	
Does the liner have integrity to contain a leak?	X		



Received by OCD: 9/2/2026 2:20:15 PM

DIRECTION
NW (T)

32.06079°N
103.67534°W

ACCURACY 16
DATUM WGS84

Pintail Recycle
Facility

Liner inspection
photos

7/24/26, 12:56



DIRECTION
NE (T)

32.06080°N
103.67534°W

ACCURACY 11
DATUM WGS84

Pintail Recycle
Facility

Liner inspection
photos

7/24/26, 12:56

Released to Imaging: 9/4/2026 10:15:40 AM



DIRECTION
SW (T)

32.06136°N
103.67520°W

ACCURACY 9
DATUM WGS84

Pintail Recycle
Facility
DIRECTION
SW (T)

Liner inspection
photos
32.06141°N
103.67530°W

7/24/26, 12:59
ACCURACY 9
DATUM WGS84



Pintail Recycle
Facility

Liner inspection
photos

7/24/26, 12:59

DIRECTION
SE (T)

32.06165°N
103.67575°W

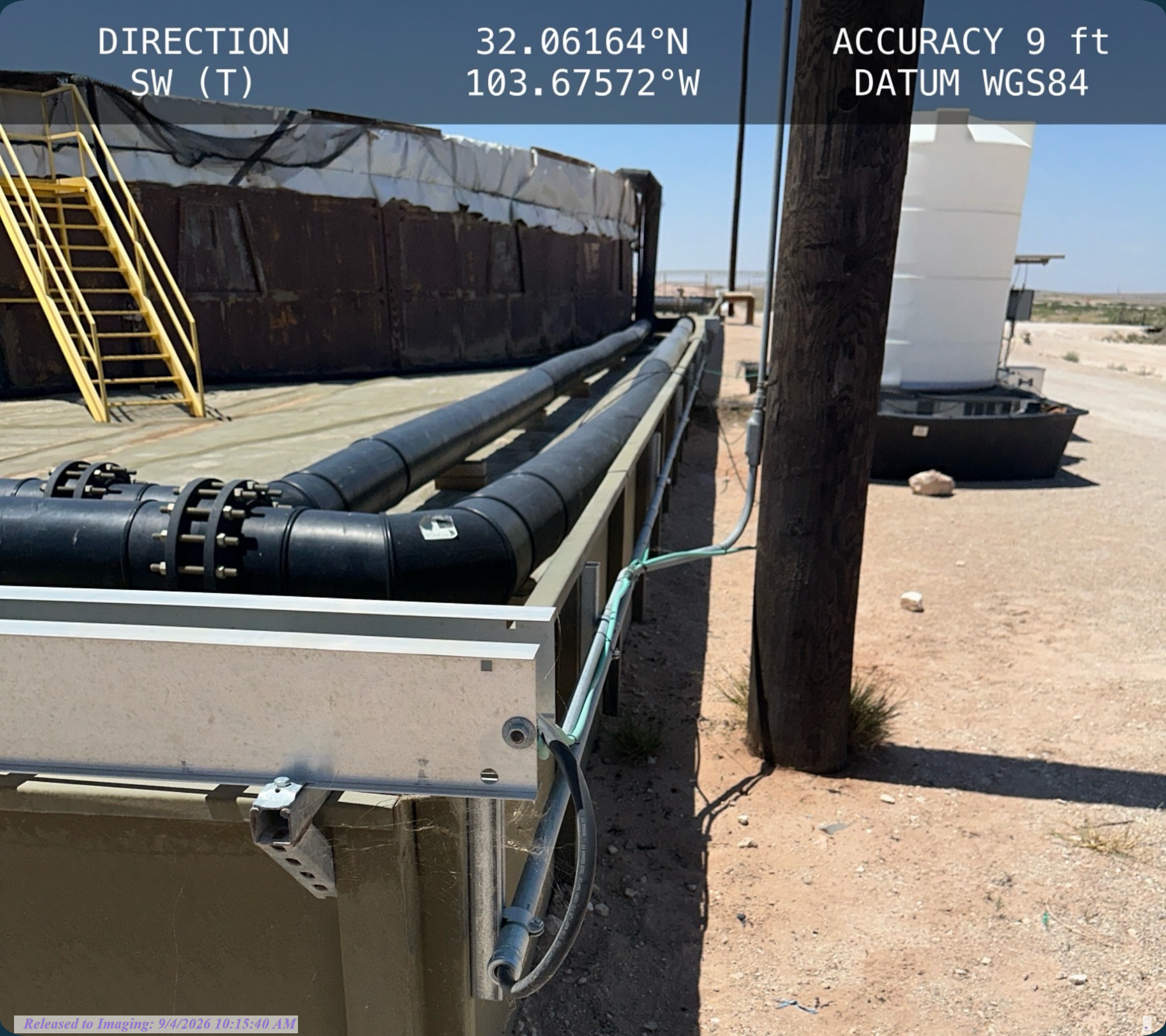
ACCURACY 10 ft
DATUM WGS84



DIRECTION
SW (T)

32.06164°N
103.67572°W

ACCURACY 9 ft
DATUM WGS84



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

QUESTIONS

Action 620666

QUESTIONS

Operator: SOLARIS WATER MIDSTREAM, LLC 9950 WOODLOCH FOREST DR THE WOODLANDS, TX 77380	OGRID: 371643
	Action Number: 620666
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2618250645
Incident Name	NAPP2618250645 PINTAIL REUSE FACILITY @ H-09-26S-32E
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received

Location of Release Source

Please answer all the questions in this group.

Site Name	Pintail Reuse Facility
Date Release Discovered	07/01/2026
Surface Owner	Federal

Incident Details

Please answer all the questions in this group.

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

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.

Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Overflow - Tank, Pit, Etc. Frac Tank Produced Water Released: 59 BBL Recovered: 59 BBL Lost: 0 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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QUESTIONS, Page 2

Action 620666

QUESTIONS (continued)

Operator: SOLARIS WATER MIDSTREAM, LLC 9950 WOODLOCH FOREST DR THE WOODLANDS, TX 77380	OGRID: 371643
	Action Number: 620666
	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.
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.	

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: Melissa Tull Title: Environmental Representative Email: Melissa.Tull@westernmidstream.com Date: 09/02/2026
--	--

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QUESTIONS, Page 3

Action 620666

QUESTIONS (continued)

Operator: SOLARIS WATER MIDSTREAM, LLC 9950 WOODLOCH FOREST DR THE WOODLANDS, TX 77380	OGRID:
	371643
	Action Number: 620666
	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	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 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	Between 1 and 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	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	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Medium
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	07/24/2026
On what date will (or did) the final sampling or liner inspection occur	07/24/2026
On what date will (or was) the remediation complete(d)	07/24/2026
What is the estimated surface area (in square feet) that will be remediated	3600
What is the estimated volume (in cubic yards) that will be remediated	44.4
<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>	

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QUESTIONS, Page 4

Action 620666

QUESTIONS (continued)

Operator: SOLARIS WATER MIDSTREAM, LLC 9950 WOODLOCH FOREST DR THE WOODLANDS, TX 77380	OGRID: 371643
	Action Number: 620666
	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)	No
<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: Melissa Tull Title: Environmental Representative Email: Melissa.Tull@westernmidstream.com Date: 09/02/2026
<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>	

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QUESTIONS, Page 6

Action 620666

QUESTIONS (continued)

Operator: SOLARIS WATER MIDSTREAM, LLC 9950 WOODLOCH FOREST DR THE WOODLANDS, TX 77380	OGRID: 371643
	Action Number: 620666
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Liner Inspection Information	
Last liner inspection notification (C-141L) recorded	607047
Liner inspection date pursuant to Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC	07/24/2026
Was all the impacted materials removed from the liner	Yes
What was the liner inspection surface area in square feet	47026

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	3600
What was the total volume (cubic yards) remediated	44.4
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: Melissa Tull Title: Environmental Representative Email: Melissa.Tull@westernmidstream.com Date: 09/02/2026
--	---

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CONDITIONS

Action 620666

CONDITIONS

Operator: SOLARIS WATER MIDSTREAM, LLC 9950 WOODLOCH FOREST DR THE WOODLANDS, TX 77380	OGRID: 371643
	Action Number: 620666
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	9/4/2026