



### Liquid Release Volume Calculator - E&P Exempt Material

Facility/Pipeline Name: **Lightning 1 State SWD** Date: \_\_\_\_\_  
 Product Released:  Crude Oil  Produced Water  Condensate   
 Region: **SOUTH TEXAS** Inside/Outside of Containment: **INSIDE CONTAINMENT** Did release enter water? **NO**

Total Area Calculations - Rectangle (Outside Containment)					
Total Surface Area	Length	Width	Wet Soil Depth	Area Covered (%)	
Rectangle Area 1	0 ft.	x	0 ft.	x	0.00%
Rectangle Area 2	0 ft.	x	0 ft.	x	0.00%
Rectangle Area 3	0 ft.	x	0 ft.	x	0.00%
Rectangle Area 4	0 ft.	x	0 ft.	x	0.00%
Rectangle Area 5	0 ft.	x	0 ft.	x	0.00%

Standing Liquid Calculations - Rectangle (Inside Containment)					
Total Standing Liquid	Length	Width	Depth	Area Covered (%)	
Rectangle Area 1	40 ft.	x	20 ft.	x	100.00%
Rectangle Area 2	0 ft.	x	0 ft.	x	0.00%
Rectangle Area 3	0 ft.	x	0 ft.	x	0.00%
Rectangle Area 4	0 ft.	x	0 ft.	x	0.00%
Rectangle Area 5	0 ft.	x	0 ft.	x	0.00%

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

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

\*Soil Type: **Containment**  
 Liquid Holding Factor: **1**  
 \*Oil Cut %: **0.00%**

\*Fluid Recovered: **11.87 BBL**

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.
<b>Total Volume:</b>	<b>0.00</b>	<b>sq. ft.</b>	<b>0.00 cu. ft.</b>

Standing Liquid Volume Calculation - Rectangle (Inside Containment)			
Total Surface Area	Volume		
Rectangle Area 1	800.00	sq. ft.	66.67 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.
<b>Total Volume:</b>	<b>800.00</b>	<b>sq. ft.</b>	<b>66.67 cu. ft.</b>

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.
<b>Total Volume:</b>	<b>0.00</b>	<b>cu. ft.</b>

Standing Liquid 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.
<b>Total Volume:</b>	<b>0.00</b>	<b>cu. ft.</b>

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		11.87 BBL	
In Cont. Adj. Disp. Volume:	0.00 BBL		0.00 BBL	
<b>Hydrocarbon / PW Totals:</b>	<b>0.00 BBL</b>	<b>NO</b>	<b>11.87 BBL</b>	<b>NO</b>
<b>TOTAL VOLUME RELEASED:</b>	<b>11.87 BBL</b>		<b>498.67 GAL</b>	
RECOVERED VOLUME:	11.87 BBL			

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

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	
<b>Hydrocarbon / PW Totals:</b>	<b>0.00 BBL</b>	<b>NO</b>	<b>0.00 BBL</b>	<b>NO</b>
<b>TOTAL VOLUME RELEASED:</b>	<b>0.00 BBL</b>		<b>0.00 GAL</b>	
RECOVERED VOLUME:	11.87 BBL			

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

**HINTS:**

- Oil cut is the percentage of hydrocarbons in the

**DEPTH CONVERSIONS:**

- 1/16th of an inch = 0.0625 inches = 0.0052 feet
- 1/8th of an inch = 0.125 inches = 0.01041 feet
- 1/4th of an inch = 0.25 inches = 0.2083 feet
- 1/2 of an inch = 0.5 inches = 0.0416 feet
- 1 inch = 0.0833 feet
- 1 1/2 inches = 1.5 inches = 0.125 feet
- 2 inches = 0.1666 feet

**SOIL TYPES:**

- Sand: Sandy soil has large, gritty particles that
- Sandy Clay Loam: Sandy Clay Loam has a crum
- Caliche: Caliche is a hard, compacted, chalky
- Clay Loam: Clay Loam is a smooth, dense soil
- Saturated Caliche: Saturated Caliche become
- Saturated Sandy Loam: Saturated Sandy Loam
- In Containment: Release occurs totally within c

# **Liner Inspection and Closure Report**

## **Solaris Water Midstream LLC**

Lightning 1 State SWD  
Incident ID: nAPP2610131078  
Lea County, NM

### **Release Summary**

On 4/10/2026, approximately 12 barrels of produced water were released entirely into lined secondary containment at Solaris Water Midstream LLC's Lightning 1 State SWD. The release did not leave the containment area. The release did not impact areas outside of an exploration, development, production, or storage site. The release was caused by corrosion. All released fluids were recovered from containment. There were no injuries associated with this release. The NMOCD was notified of the incident on 4/11/2026 via submission of the NOR.

### **Site Characterization**

The Lightning 1 State SWD is located approximately 21 miles from Eunice City New Mexico, in Lea County. The release was located in Unit L, Section 1, Township 21S, Range 33E (Latitude 32.51086, Longitude -103.52713). See figure 1 for the location map.

### Groundwater

Based on the U.S. Geological Survey, the shallowest depth to groundwater in the vicinity is 65.29 feet below ground surface (BGS), positioned 2.2 miles from the Lightning 1 State SWD at site 323148103295801. The release did not impact surface or groundwater. The Lightning 1 State SWD is located approximately .59 miles from a permanent dwelling. A permitted well for livestock watering is located .57 miles from the release at POD CP00796 (see the POD location Map). The lateral extents of the release are not located within incorporated municipal boundaries or within a defined municipal well field.

### Surface Water

The nearest OSE mapped stream is approximately .97 miles from the facility, and the nearest OSW water body is approximately .3 miles from the facility. The nearest wetland is approximately 967 ft from the facility. The facility is greater than 5 miles from a flood plain. Refer to Appendix A for relevant maps and survey information.

### Geology

Lightning 1 State is located greater than 5 miles from any subsurface mine. The facility is located in an area of low karst potential. Refer to Appendix B for relevant maps and survey information.

### Cultural Protection Program Statement

The release occurred entirely within existing secondary containment at a previously disturbed facility. No excavation or ground disturbance occurred during response activities; therefore, cultural resources were not impacted.

### Biological Impact Statement

The release was fully contained within existing secondary containment at a previously disturbed facility. No impacts to soil, vegetation, wildlife, or habitat were observed or are anticipated.

### **Site Assessment and Liner Inspection**

On 4/14/2026, a C-141L was submitted and approved by the NMOCD. The containment liner was visually inspected on 4/17/2026. 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 nAPP2610131078.

# 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
- Groundwater Well Map
- USGS Groundwater Well Data

## Appendix B - Geology

- Karst Potential Map
- NM Mine Map
- Soil Survey

## Appendix C – Liner Inspection

- 48-hour Sampling Notification
- Liner Inspection Form
- Photographic Documentation

### Site Characterization - Figures

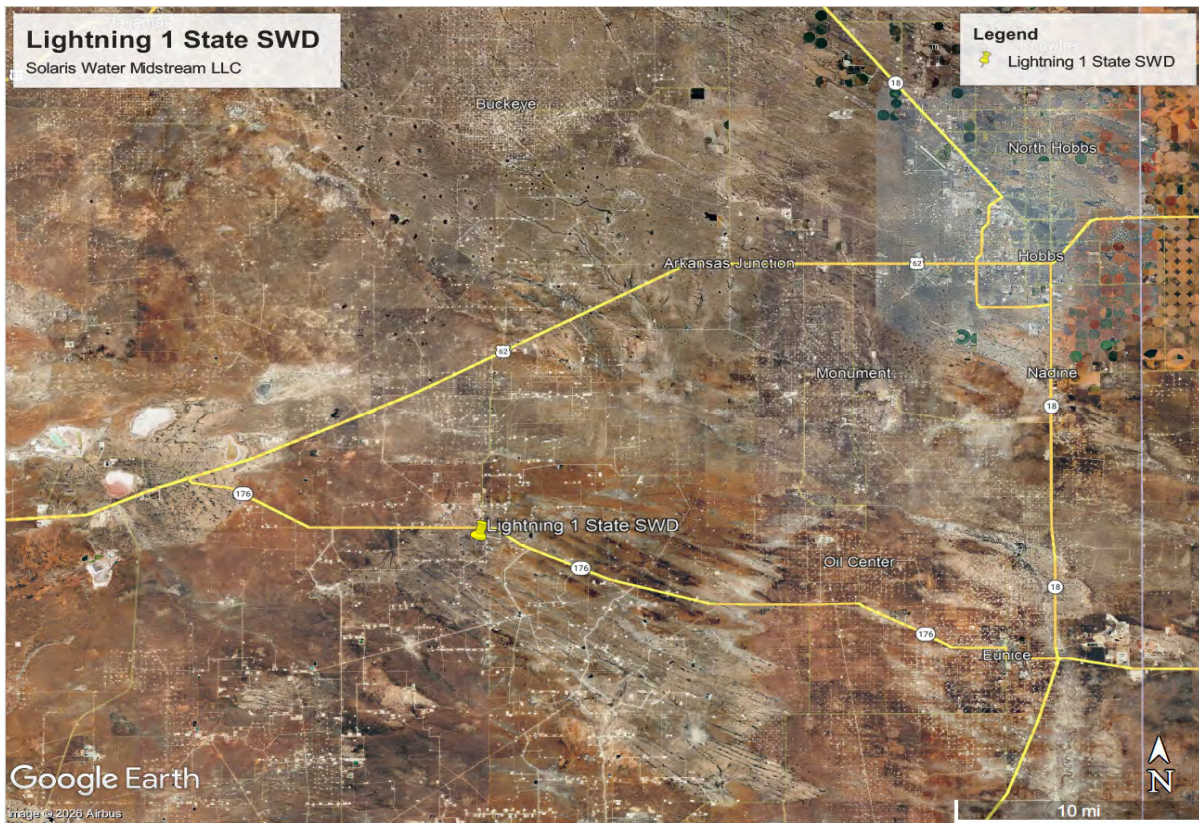


Figure 1 Location Map






Figure 2 Scaled Facility Diagram

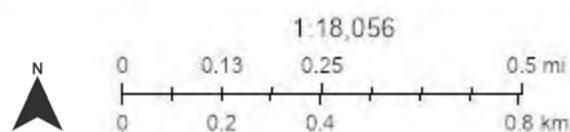
## Appendix A – Surface and Groundwater

# Significant Watercourse Map Lightning 1 State SWD



4/6/2026, 2:55:06 PM

-  OSW Water Bodies
-  OSE Probable Playas
-  OSE Streams



NM OSE, Bureau of Land Management, Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METANASA, EPA, USDA



# Wetlands Map Lightning 1 State SWD



U.S. Fish and Wildlife Service, National Standards and Support Team, wetlands\_team@fws.gov

March 31, 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°31'59"W 32°30'52"N



## Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) <i>Zone A, V, A99</i>
		With BFE or Depth <i>Zone AE, AO, AH, VE, AR</i>
		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 <i>Zone X</i>
		Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i>
		Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone X</i>
		Area with Flood Risk due to Levee <i>Zone D</i>

OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard <i>Zone X</i>
		Effective LOMRs
OTHER AREAS		Area of Undetermined Flood Hazard <i>Zone D</i>

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 Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
OTHER FEATURES		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 4/1/2026 at 2:24 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.

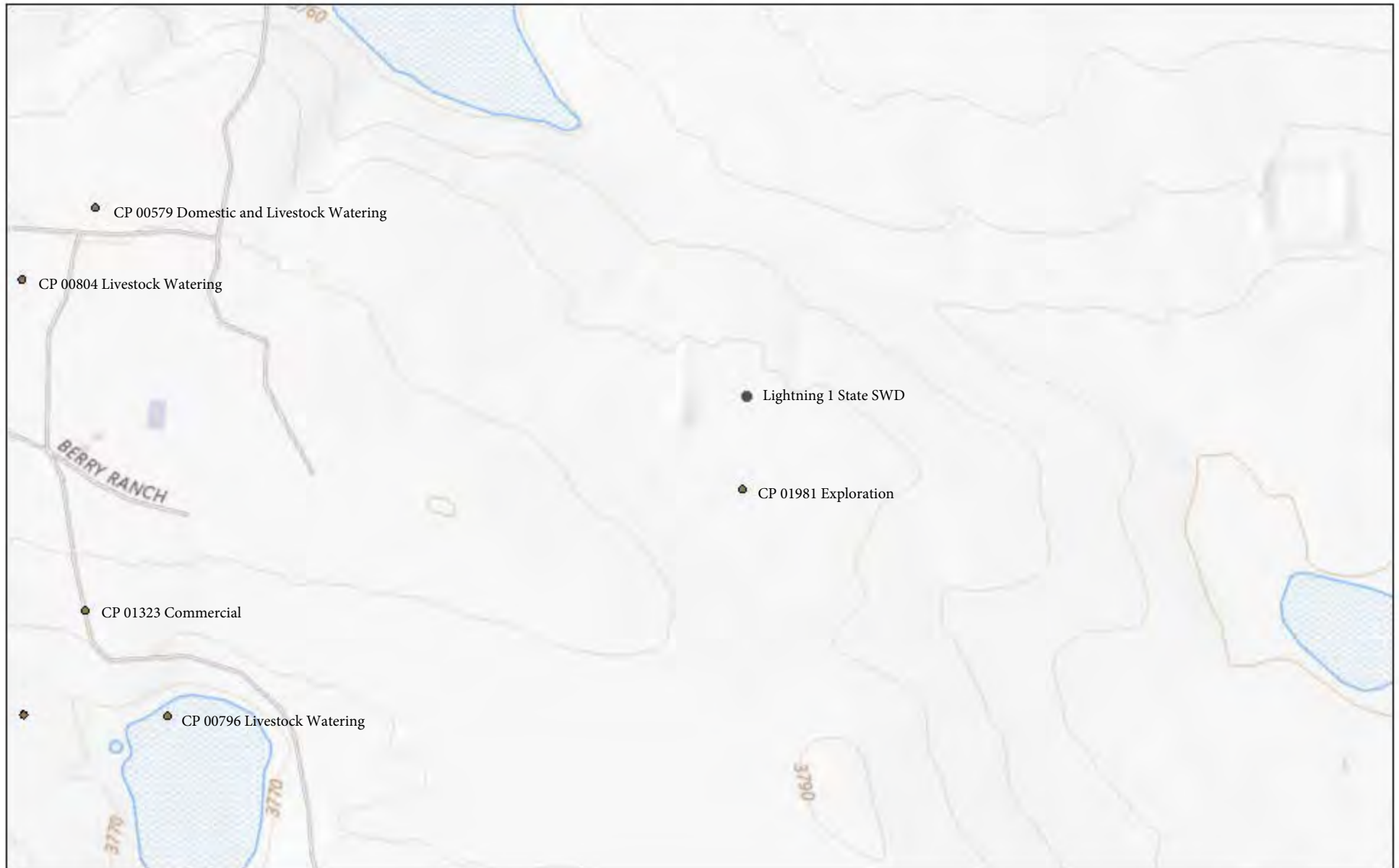
This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory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



1:6,000

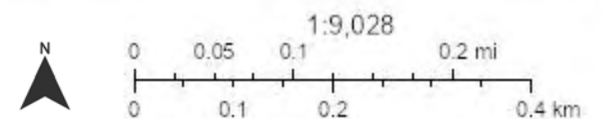
103°31'21"W 32°30'22"N

# POD Location Map Lightning 1 State SWD



4/6/2026, 3:57:03 PM

 OSE Points of Diversion



USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography

New Mexico Oil Conservation Division

NM OCD Oil and Gas Map. <http://nm-emnrd.maps.arcgis.com/apps/webappviewer/index.html?id=4d017f23061640e29fd2fb9f8135ca75>; New Mexico Oil Conservation Division

## Water Right Summary



[get image list](#)

<b>WR File Number:</b>	CP 00796	<b>Subbasin:</b>	CP	<b>Cross Reference:</b>	
<b>Primary Purpose:</b>	PLS NON 72-12-1 LIVESTOCK WATERING				
<b>Primary Status:</b>	DCL Declaration				
<b>Total Acres:</b>	0.000	<b>Subfile:</b>		<b>Header:</b>	
<b>Total Diversion:</b>	3.000	<b>Cause/Case:</b>			
<b>Owner:</b>	DANIEL C BERRY	<b>Owner Class:</b>	Owner		

### Documents on File

(acre-feet per annum)

Transaction Images	Trn #	Doc	File/Act	Status 1	Status 2	Transaction Desc.	From/To	Acres	Diversion	Consumptive
<a href="#">get images</a>	<a href="#">535944</a>	DCL	1993-07-21	DCL	PRC	CP 00796	T	0.000	3.000	

### Current Points of Diversion

POD Number	Well Tag	Source	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map	Other Location Desc
<a href="#">CP_00796_POD1</a>		NE	NE	SE	02	21S	33E	637548.0	3597564.0 *			EAST ROCK

\* UTM location was derived from PLSS - see Help

### Priority Summary

Priority	Status	Acres	Diversion	POD Number	Source
1940-12-31	DCL	0.000	3.000	<a href="#">CP_00796_POD1</a>	

### Place of Use

Q256	Q64	Q16	Q4	Sec	Tws	Rng	Acres	Diversion	CU	Use	Priority	Status	Other Location Desc
							0.000	3.000		PLS	1940-12-31	DCL	NO PLACE OF USE GIVEN

### Source

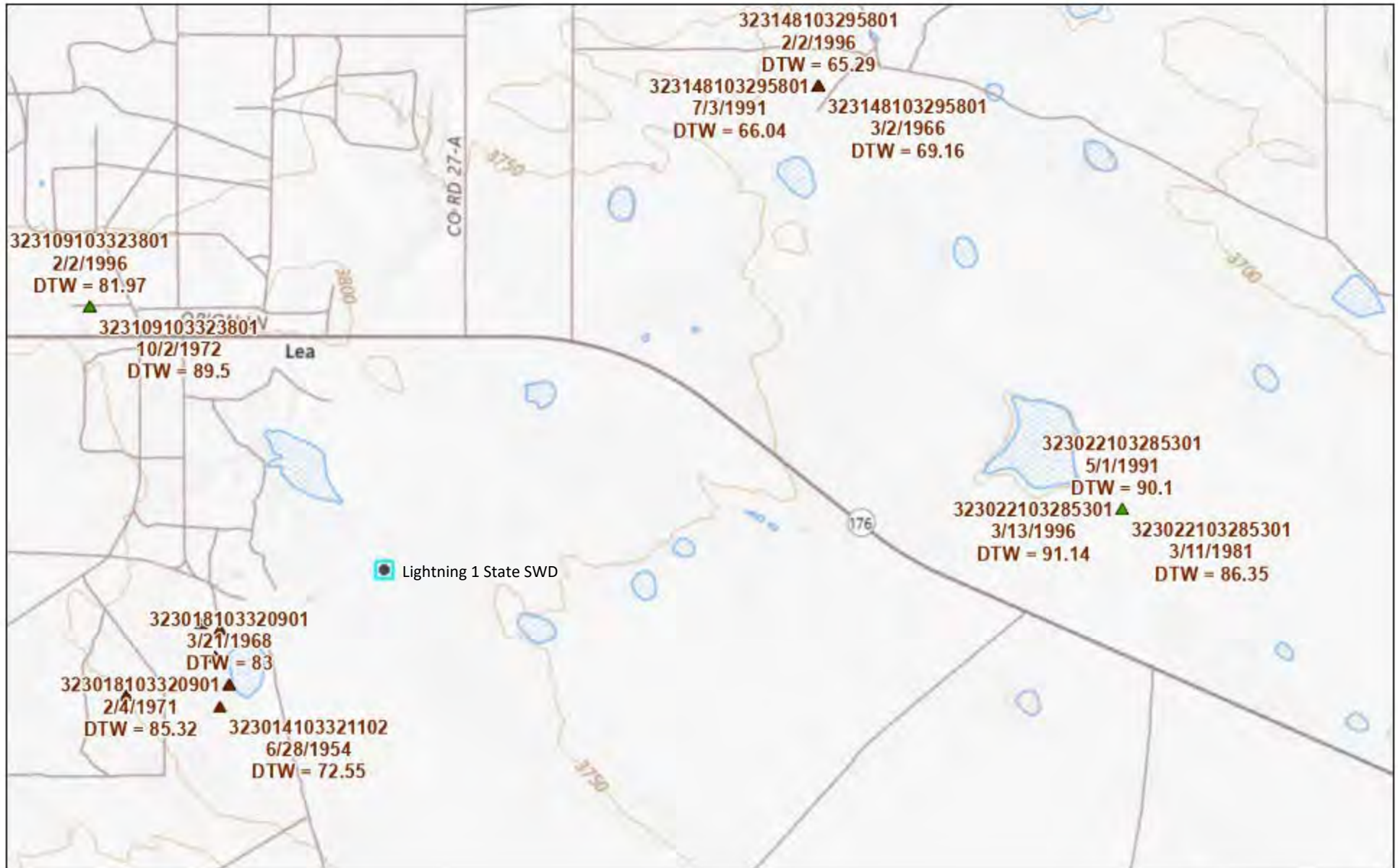
Acres	Diversion	CU	Use	Priority	Source	Description
0.000	3.000		PLS	1940-12-31	GW	

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.

4/1/26 1:35 PM MST

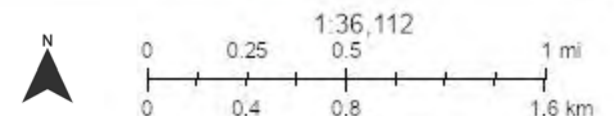
Water Rights Summary

# Groundwater Well Map Lightning 1 State SWD



4/6/2026, 4:29:59 PM

- ▲ USGS Historical GW Wells
- ▲ USGS Active Monitoring GW Wells



USGS, USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National

New Mexico Oil Conservation Division

NM OCD Oil and Gas Map. <http://nm-emnrd.maps.arcgis.com/apps/webappviewer/index.html?id=4d017f23061640e29fd2fb9f8f35ca75>; New Mexico Oil Conservation Division

An official website of the United States Government [Click here for more](#)

**USGS**

**Monitoring location**  
205.35E.31.12311 - USGS-323148103295801

WDFN Home | WDFN tools and data | Related links | Other water data resources | Connect

**DID YOU KNOW** You can see all water data collected at this monitoring location in the Available data section of the page. Learn more about [centralized water data delivery](#) in WDFN.

1 year | 10 years |  Period of record Scale

**Field measurements**  
205.35E.31.12311 - USGS-323148103295801

June 25, 1954 - April 6, 2026  
Depth to water level, feet below land surface

65.29 ft - Feb 02, 1996 05:00:00 AM MST

Value	Status	Time
65.29 ft	Approved Static	Feb 02, 1996 05:00:00 AM MST

**IMPORTANT** Data may be occasional. [Show legend](#) [Hide graph details](#)

Selected field measurement

**Available data**  
Select data types to graph from categories based on the way the data were collected. [Learn about the data collection categories](#)  
[Expand all data collections](#)

**Continuous data**  
0 Data Types available

**Daily data**  
0 Data Types available

**Field measurements**  
3 Data Types available - data from 1954-06-25 to 1996-02-02 [Hide these data types](#)

Field measurements are physically measured values collected during a visit to the monitoring location. [Learn about field measurements](#)

Data type	Data date range
<input checked="" type="checkbox"/> Graphed Depth to water level, feet below land surface	1954-06-25 - 1996-02-02
<input type="checkbox"/> Graph it Groundwater level above NAVD 1985, feet	1954-06-25 - 1996-02-02
<input type="checkbox"/> Graph it Groundwater level above NGVD 1929, feet	1954-06-25 - 1996-02-02

[Hide these data types](#)

**Discrete sample data**  
0 Data Types available

**Statistical tables for select daily data types**  
0 Data Types available

**Location details and information** [Show location details](#)

**Monitoring locations with continuous data in last 120 days**  
No locations found

Zoom out to see link to My Favorites  
[Use Explore USGS Water Data to discover additional data near this location](#)

**Legend**  
Monitoring Location  
Active Monitoring Locations

Level 1 | USGS The National Map, National Boundaries Dataset, SKEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, N  
Interested in understanding how to access the upstream/downstream data? [Learn about the Network Linked Data Index \(NLDI\)](#)

## Appendix B – Geology

# Karst Potential Lightning 1 State SWD

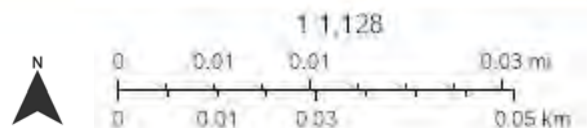


Lightning 1 State SWD

3/31/2026, 12:37:18 PM

Karst Occurrence Potential

 Low



BLM, OCD, New Mexico Tech. Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community. Sources: Esri, Vantor, Airbus DS, USGS, NOAA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GDA, Geoland, FEMA, Intermap, and the GIS user community.

New Mexico Oil Conservation Division

# Active Mines in New Mexico



3/31/2026, 12:17:17 PM

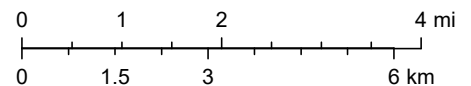
1:144,448

### Registered Mines

- ⊗ Aggregate, Stone etc.
- ⊗ Aggregate, Stone etc.
- ◆ Industrial Minerals (Other)

### Land Ownership

- BLM
- P Private
- S State
- PLSS Townships



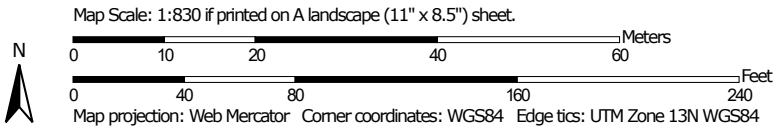
Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, U.S. BLM, BLM, Esri, NASA, NGA, USGS

EMNRD MMD GIS Coordinator

Soil Map—Lea County, New Mexico (Lightning 1 State SWD)




Soil Map may not be valid at this scale.



Soil Map—Lea County, New Mexico  
(Lightning 1 State SWD)


**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.



## Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
KO	Kimbrough gravelly loam, dry, 0 to 3 percent slopes	2.8	100.0%
<b>Totals for Area of Interest</b>		<b>2.8</b>	<b>100.0%</b>



## Appendix C Liner Inspection

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

#### Submission Information

Submission ID: 527500      Districts: Hibbs  
 Operator: [321643] SOLARIS WATER MIDSTREAM, L.L.C.      Counties: Lea  
 Description: SOLARIS WATER MIDSTREAM, L.L.C. (371643)  
 , Lightning State 1 SWD  
 , nAPP2610131078  
 Status: Approved  
 Status Date: 04/14/2026  
 References (0):

#### Forms

This application type does not have attachments.

#### Questions

##### Prerequisites

Incident ID (#): nAPP2610131078  
 Incident Name: NAPP2610131078 LIGHTNING STATE 1 SWD @ L-01-215-33E  
 Incident Type: Produced Water Release  
 Incident Status: Notification Accepted

##### Location of Release Source

Site Name: Lightning State 1 SWD  
 Date Release Discovered: 04/10/2026  
 Surface Owner: State

##### Liner Inspection Event Information

Please answer all the questions in this group.

What is the liner inspection surface area in square feet: 13,846  
 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: 04/17/2026  
 Time liner inspection will commence: 01:00 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: Rep on Site, Dalton Walker (432) 894-0391  
 Please provide any information necessary for navigation to liner inspection site: 32.51086, -103.52713

#### Acknowledgments

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

#### Comments

No comments found for this submission.

#### Conditions

Summary: mut (4/4/2026): 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.

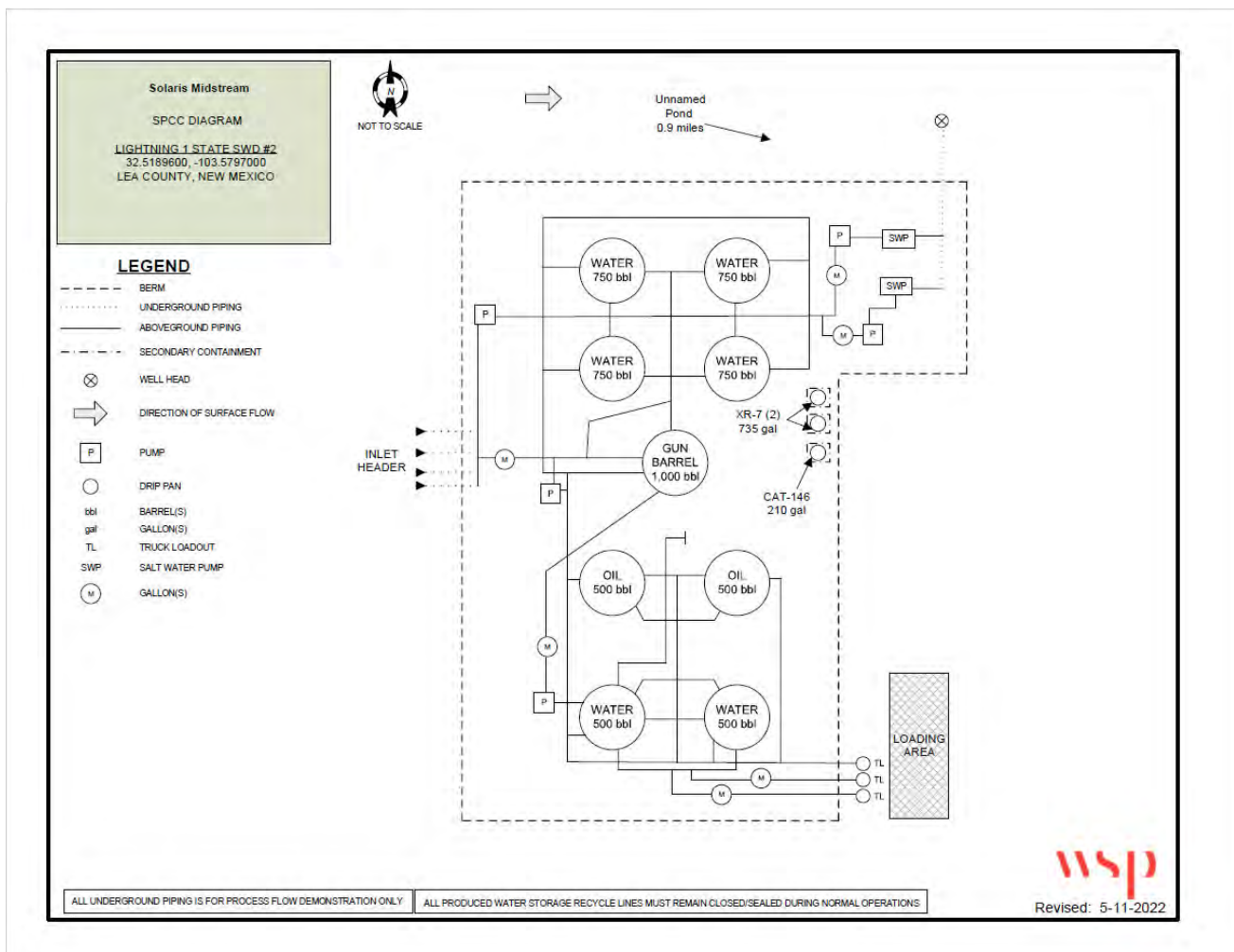
[Go Back](#)

### Liner Inspection Form

Company Name: Solaris Water Midstream LLC  
 Site: Lightning 1 State SWD  
 Lat/Long: (32.510249, -103.527326)  
 NMOCD Incident ID: nAPP2610131078  
 Incident Date: 4/10/2026  
 2- Day Notification Sent: YES  
 Inspection Date: 4/17/2026  
 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		

Site Diagram:



**Photographic Documentation – Liner Inspection**

### Photographic Documentation – Liner Inspection



Photographic Documentation – Liner Inspection



Photographic Documentation – Liner Inspection



### Photographic Documentation – Liner Inspection



Photographic Documentation - Liner Inspection



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**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

QUESTIONS

Action 577289

**QUESTIONS**

Operator: SOLARIS WATER MIDSTREAM, LLC 9950 WOODLOCH FOREST DR THE WOODLANDS, TX 77380	OGRID: 371643
	Action Number: 577289
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2610131078
Incident Name	NAPP2610131078 LIGHTNING 1 STATE SWD @ L-01-21S-33E
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received

<b>Location of Release Source</b>	
<i>Please answer all the questions in this group.</i>	
Site Name	Lightning 1 State SWD
Date Release Discovered	04/10/2026
Surface Owner	State

<b>Incident Details</b>	
<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

<b>Nature and Volume of Release</b>	
<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: Corrosion   Pipeline (Any)   Produced Water   Released: 12 BBL   Recovered: 12 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.

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QUESTIONS, Page 2

Action 577289

**QUESTIONS (continued)**

Operator: SOLARIS WATER MIDSTREAM, LLC 9950 WOODLOCH FOREST DR THE WOODLANDS, TX 77380	OGRID: 371643
	Action Number: 577289
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
Is this a gas only submission (i.e. only significant Mcf values reported)	<b>No, according to supplied volumes this does not appear to be a "gas only" report.</b>
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	<b>No</b>
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>
<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	<b>True</b>
The impacted area has been secured to protect human health and the environment	<b>True</b>
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	<b>True</b>
All free liquids and recoverable materials have been removed and managed appropriately	<b>True</b>
If all the actions described above have not been undertaken, explain why	<i>Not answered.</i>

*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: <b>Melissa Tull</b> Title: <b>Environmental Representative</b> Email: <b>Melissa.Tull@westernmidstream.com</b> Date: <b>04/20/2026</b>
--	---

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QUESTIONS, Page 3

Action 577289

**QUESTIONS (continued)**

Operator: SOLARIS WATER MIDSTREAM, LLC 9950 WOODLOCH FOREST DR THE WOODLANDS, TX 77380	OGRID: 371643
	Action Number: 577289
	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 approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.*

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	U.S. Geological Survey
Did this release impact groundwater or surface water	No
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
A continuously flowing watercourse or any other significant watercourse	Between 1000 (ft.) and ½ (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1000 (ft.) and ½ (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between ½ and 1 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between ½ and 1 (mi.)
Any other fresh water well or spring	Between ½ and 1 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 500 and 1000 (ft.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Zero feet, overlying, or within area
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 the appropriate district office no later than 90 days after the release discovery date.*

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	04/11/2026
On what date will (or did) the final sampling or liner inspection occur	04/17/2026
On what date will (or was) the remediation complete(d)	04/11/2026
What is the estimated surface area (in square feet) that will be remediated	800
What is the estimated volume (in cubic yards) that will be remediated	66.7

*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. 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.*

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QUESTIONS, Page 4

Action 577289

**QUESTIONS (continued)**

Operator: SOLARIS WATER MIDSTREAM, LLC 9950 WOODLOCH FOREST DR THE WOODLANDS, TX 77380	OGRID: 371643
	Action Number: 577289
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Remediation Plan (continued)</b>	
<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>	
<b>This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:</b>	
<i>(Select all answers below that apply.)</i>	
Is (or was) there affected material present needing to be removed	<i>Not answered.</i>
Is (or was) there a power wash of the lined containment area (to be) performed	<b>Yes</b>
OTHER (Non-listed remedial process)	<i>Not answered.</i>
<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: <a href="#">Melissa Tull</a> Title: <a href="#">Environmental Representative</a> Email: <a href="mailto:Melissa.Tull@westernmidstream.com">Melissa.Tull@westernmidstream.com</a> Date: <a href="#">04/20/2026</a>
<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 577289

**QUESTIONS (continued)**

Operator: SOLARIS WATER MIDSTREAM, LLC 9950 WOODLOCH FOREST DR THE WOODLANDS, TX 77380	OGRID: 371643
	Action Number: 577289
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Liner Inspection Information</b>	
Last liner inspection notification (C-141L) recorded	<b>527500</b>
Liner inspection date pursuant to Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC	<b>04/17/2026</b>
Was all the impacted materials removed from the liner	<b>Yes</b>
What was the liner inspection surface area in square feet	<b>13846</b>

<b>Remediation Closure Request</b>	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	<b>Yes</b>
Have the lateral and vertical extents of contamination been fully delineated	<b>Yes</b>
Was this release entirely contained within a lined containment area	<b>Yes</b>
What was the total surface area (in square feet) remediated	<b>800</b>
What was the total volume (cubic yards) remediated	<b>66.7</b>
Summarize any additional remediation activities not included by answers (above)	<b>The release was entirely in a lined secondary containment. The liner was inspected and passed integrity inspection.</b>

*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: <b>Melissa Tull</b> Title: <b>Environmental Representative</b> Email: <b>Melissa.Tull@westernmidstream.com</b> Date: <b>04/20/2026</b>
--	---

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CONDITIONS

Action 577289

**CONDITIONS**

Operator: SOLARIS WATER MIDSTREAM, LLC 9950 WOODLOCH FOREST DR THE WOODLANDS, TX 77380	OGRID: 371643
	Action Number: 577289
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**CONDITIONS**

Created By	Condition	Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #nAPP2610131078 Lightning State 1 SWD, thank you. This Remediation Closure Report is approved.	4/21/2026