



Remediation Report and Closure Request  
El Cedro Tank Overflow  
Section: 31 Township: 29N Range: 5W  
Lat: 36.688047 Long: -107.402200  
Rio Arriba County, New Mexico

9/16/25

Harvest Personnel discovered a release at the El Cedro CDP. The release was due to an excessive amount of rain collecting in the concrete containment and into the wastewater tank from the skid drains throughout the facility. This caused the wastewater tank to overflow into the concrete containment. A truck to remove the fluid was called for the next day.

9/17/25

All free-standing fluids were sucked up. Release volume was calculated to be 13 bbls. Total volume removed from containment including rainwater was calculated to be 40 bbls. A Notification of Release was submitted to the NMOCD and assigned incident number – nAPP2526025274.

10/14/25

Initial C-141 submitted to the NMOCD.

12/8/25

Concrete containment was cleaned.

12/10/25

Notification of liner inspection was submitted to the NMOCD. Liner inspection was scheduled for 12/12/25 at 1:00 pm.

12/12/25

Harvest personnel were on location to perform liner inspection. No liner integrity issues were found. Containment is made of concrete.



Photo Page











## INSTRUCTIONS

1. Locate the approximate DEPTH OF SPILL and use arrow keys to move cursor there.
2. Use arrow key to move cursor to the right, stop below Length and enter LENGTH OF SPILL then cursor right to Width.
3. Now enter the WIDTH OF THE SPILL, then cursor right to Effective Porosity.
4. Now enter the EFFECTIVE POROSITY using the "Soil Type/Effective Porosity Table" (only enter if using the RESIDUAL METHOD), then cursor right to see Total Amount Spilled.
5. Equals the Total Amount Spilled in BARRELS.

>>>>>>For circular spills press PG DN key once & CHEMICAL SPILLS PG DN twice<<<<<<<<<<<<<<

DEPTH (inches)	LENGTH (feet)	WIDTH (feet)	Effective Porosity	BARRELS (bbls.)	Thickness (feet)
<b>MIST METHOD</b>					
Lt. Mist			NA	0.00000	0.000008
Med. Mist			NA	0.00000	0.00008
Hvy. Mist			NA	0.00000	0.00083
<b>RESIDUAL METHOD (Length X Width X Avg. Depth X Eff. Porosity divided by 5.6146)</b>					
skim				0.00000	0.002604
1/16				0.00000	0.005208
1/8				0.00000	0.010417
1/4				0.00000	0.020803
1/2				0.00000	0.041667
3/4				0.00000	0.062
1	36	25	1	13.35798	0.083333
2				0.00000	0.166666
3	36	25	1	40.07409	0.25
4				0.00000	Total inside containment with rain water
5				0.00000	0.333333
6				0.00000	0.416666
7				0.00000	0.5
8				0.00000	0.583333
9				0.00000	0.666666
10				0.00000	0.75
11				0.00000	0.833333
12				0.00000	0.916666
				0.00000	1

\*For spills greater than one foot of depth use 12 inches as your depth then multiply the amount of barrels by the number feet of actual depth.

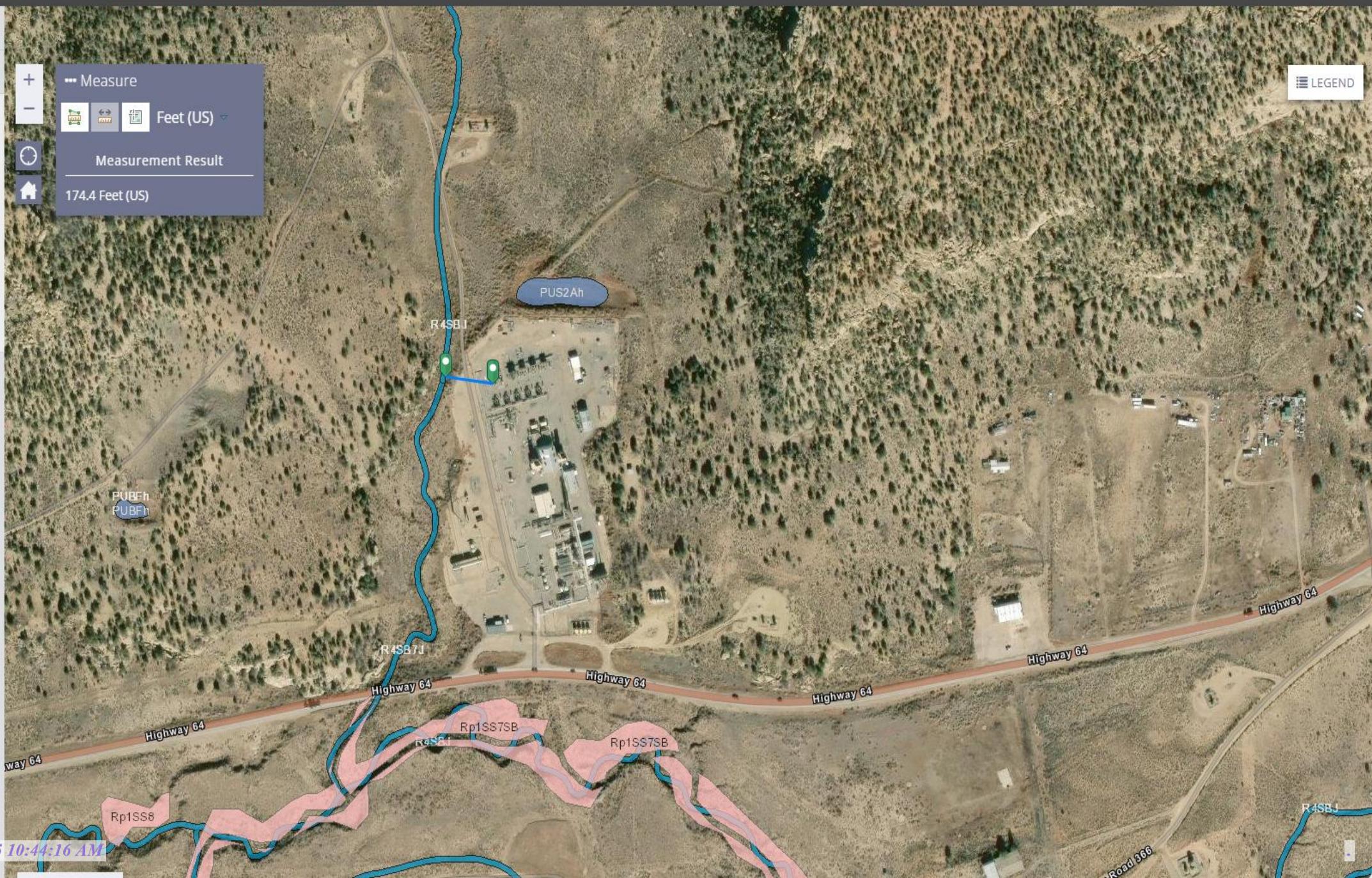
MACRO SECTION



## BASEMAPS >

## MAP LAYERS >

- Wetlands
- Riparian
- Riparian Mapping Areas
- Data Source
  - Source Type
  - Image Scale
  - Image Year
- Areas of Interest
- PWS Managed Lands



Released to Imaging: 12/17/2025 10:44:16 AM

BASEMAPS &gt;

MAP LAYERS &gt;



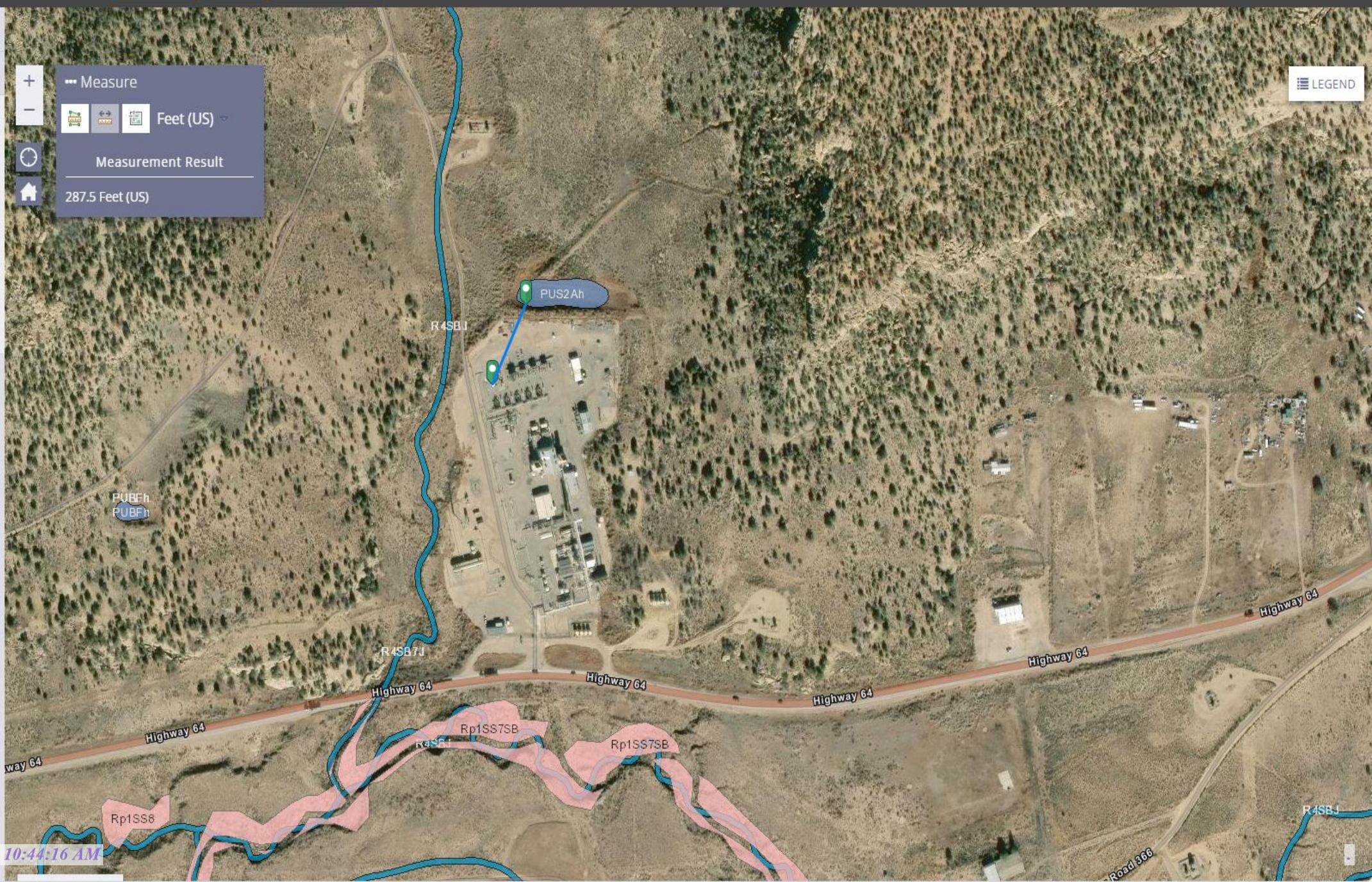
Measure



Feet (US) ▾

 Wetlands Riparian Riparian Mapping Areas Data Source Source Type Image Scale Image Year Areas of Interest FWS Managed Lands

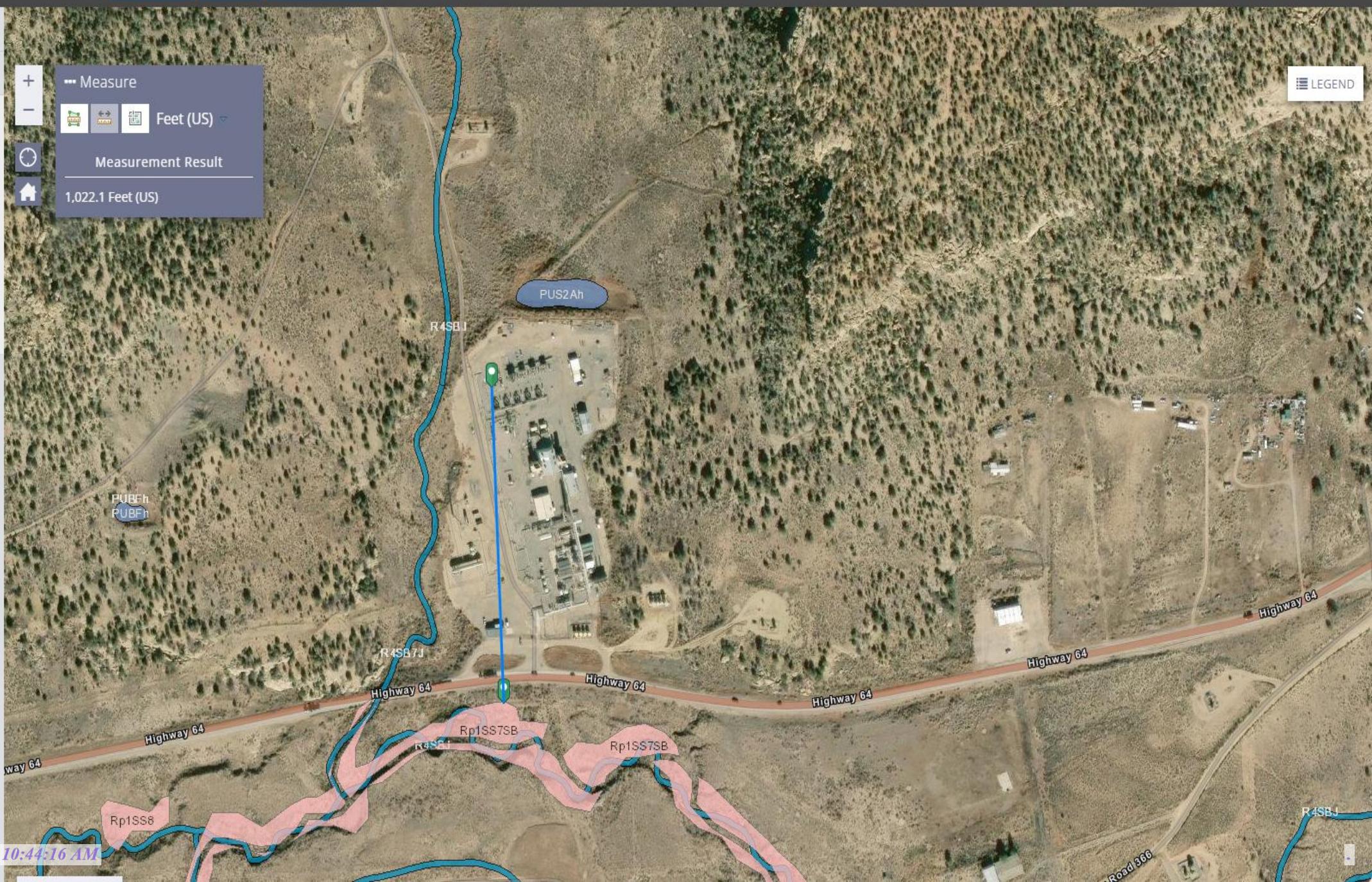
LEGEND



## BASEMAPS >

## MAP LAYERS >

- Wetlands
- Riparian
- Riparian Mapping Areas
- Data Source
  - Source Type
  - Image Scale
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The map displays a satellite view of a rural area with a river, roads, and a cluster of buildings. A measurement line is drawn from a point labeled 'El Cedro' to a point labeled 'Water Well SJ 00056'. The measurement result is 0.41 Miles. The elevation at the El Cedro point is 6447ft, and the distance to water is 53ft. The elevation at the Water Well point is 6444ft, and the distance to water is 50ft. A search result box shows the coordinates 36°41'16.969"N 107°24'07.920"W and a 'Zoom to' button.

El Cedro Distance to Water = 53ft  
Elevation - 6447ft

Water Well SJ 00056  
Distance to Water = 50ft  
Elevation - 6444ft

Measurement Result  
0.41 Miles

Search result  
36°41'16.969"N 107°24'07.920"W  
Zoom to

Press CTRL to enable snapping

100m  
300ft

-107.39780 36.68491 Degrees

POWERED BY esri

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
SJ 00056	NW	SW	NE		31	29N	05W	285759.0	4062596.0 *	

\* UTM location was derived from PLSS - see Help

Driller License: Driller Company:

Driller Name: CONLEY COX

Drill Start Date: 1954-09-17 Drill Finish Date: 1954-09-24 Plug Date:

Log File Date: 1955-04-12 PCW Rcv Date: Source: Shallow

Pump Type: SUBMER Pipe Discharge Size: Estimated Yield: 9

Casing Size: 8.63 Depth Well: 142 Depth Water: 50

#### Water Bearing Stratifications:

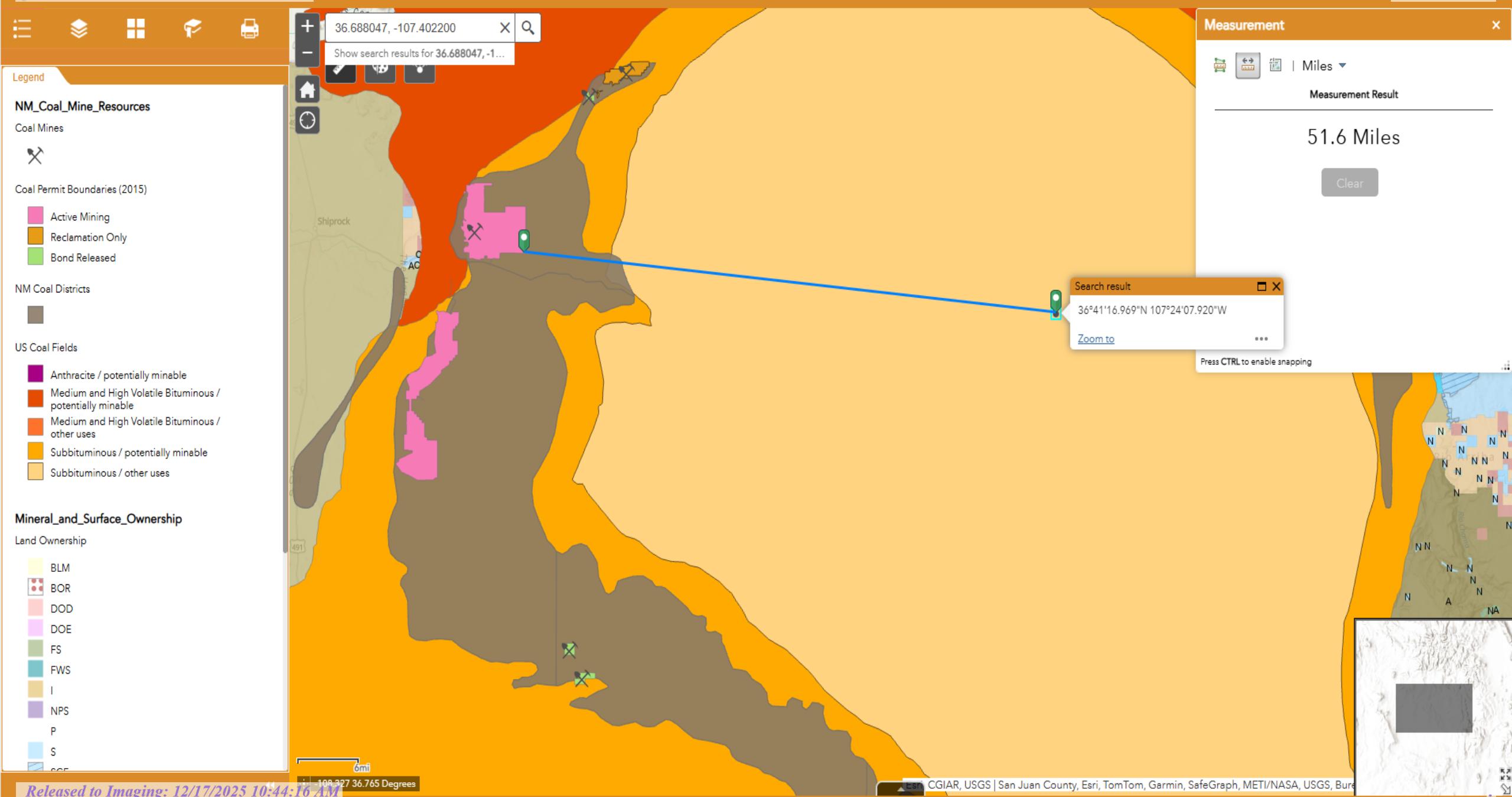
Top Bottom Description

60 65 Other/Unknown

#### Casing Perforations:

Top Bottom

50 65



# National Flood Hazard Layer FIRMette



FEMA

107°24'27"W 36°41'31"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

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

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

Cross Sections with 1% Annual Chance

Water Surface Elevation

Coastal Transect

Base Flood Elevation Line (BFE)

Limit of Study

Jurisdiction Boundary

Coastal Transect Baseline

Profile Baseline

Hydrographic Feature

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 12/15/2025 at 2:38 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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**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

QUESTIONS

Action 534975

**QUESTIONS**

Operator:  Harvest Four Corners, LLC 1755 Arroyo Dr Bloomfield, NM 87413	OGRID: 373888
	Action Number: 534975
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

Prerequisites	
Incident ID (n#)	nAPP2526025274
Incident Name	NAPP2526025274 EL CEDRO @ FCS00000000082
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Facility	[fCS00000000082] EL CEDRO CS

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	El Cedro
Date Release Discovered	09/16/2025
Surface Owner	Private

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	<i>Not answered.</i>
Produced Water Released (bbls) Details	<i>Cause: Normal Operations   Tank (Any)   Produced Water   Released: 13 BBL   Recovered: 0 BBL   Lost: 13 BBL.</i>
Is the concentration of chloride in the produced water >10,000 mg/l	<i>No</i>
Condensate Released (bbls) Details	<i>Not answered.</i>
Natural Gas Vented (Mcf) Details	<i>Not answered.</i>
Natural Gas Flared (Mcf) Details	<i>Not answered.</i>
Other Released Details	<i>Not answered.</i>
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	<i>Release was contained in lined secondary containment. Before tank overflow there was approximately 2 inches of rainwater inside concrete secondary containment (26bbls) After tank over flowed level inside containment rose to 1 inch (13 bbls). Total rainwater and produced water inside containment was 40 bbls. All liquids inside secondary containment were recovered.</i>

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Action 534975

**QUESTIONS (continued)**

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**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
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	No
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</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.*

<b>Initial Response</b>	
<i>The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.</i>	
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	<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: Andrew Garbarini Title: Environmental Specialist Email: agarbarini@harvestmidstream.com Date: 12/15/2025
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QUESTIONS, Page 3

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Action 534975

**QUESTIONS (continued)**

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	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	NM OSE iWaters Database Search
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 100 and 200 (ft.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between ½ and 1 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1000 (ft.) and ½ (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1000 (ft.) and ½ (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 100 and 200 (ft.)
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	None
A 100-year floodplain	Between 100 and 200 (ft.)
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	12/08/2025
On what date will (or did) the final sampling or liner inspection occur	12/12/2025
On what date will (or was) the remediation complete(d)	12/12/2025
What is the estimated surface area (in square feet) that will be remediated	900
What is the estimated volume (in cubic yards) that will be remediated	0

*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

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Action 534975

**QUESTIONS (continued)**

Operator:  Harvest Four Corners, LLC 1755 Arroyo Dr Bloomfield, NM 87413	OGRID:  373888
	Action Number:  534975
	Action Type:  [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

**Remediation Plan (continued)**

*Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.*

**This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:**

*(Select all answers below that apply.)*

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	No
OTHER (Non-listed remedial process)	Yes
Other Non-listed Remedial Process. Please specify	All free-standing fluids were sucked up. Oil soaker pads were used to remove any residual fluids.

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

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: Andrew Garbarini Title: Environmental Specialist Email: agarbarini@harvestmidstream.com Date: 12/15/2025
--	---

*The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.*

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QUESTIONS, Page 6

Action 534975

**QUESTIONS (continued)**

Operator:  Harvest Four Corners, LLC 1755 Arroyo Dr Bloomfield, NM 87413	OGRID:  373888
	Action Number:  534975
	Action Type:  [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

Liner Inspection Information	
Last liner inspection notification (C-141L) recorded	533721
Liner inspection date pursuant to Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC	12/12/2025
Was all the impacted materials removed from the liner	Yes
What was the liner inspection surface area in square feet	900

Remediation Closure Request	
<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	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	900
What was the total volume (cubic yards) remediated	0
Summarize any additional remediation activities not included by answers (above)	All liquids were contained in concrete containment. All liquids were sucked up.

*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: Andrew Garbarini Title: Environmental Specialist Email: agarbarini@harvestmidstream.com Date: 12/15/2025

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CONDITIONS

Action 534975

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**CONDITIONS**

Created By	Condition	Condition Date
nvelez	Liner inspection approved, release resolved. Restoration complete.	12/17/2025