

Spill Volume(Bbls) Calculator		
<i>Inputs in blue, Outputs in red</i>		
Length(Ft)	Width(Ft)	Depth(In)
<u>170.000</u>	<u>97.000</u>	<u>2.000</u>
Cubic Feet Impacted		<u>2748.333</u>
Barrels		<u>489.46</u>
Soil Type		Sand
Bbls Assuming 100% Saturation		<u>97.89</u>
Saturation	Fluid present with shovel/backhoe	
Estimated Barrels Released	<u>97.90000</u>	

Instructions
1. Input spill measurements below. Length and width need to be input in feet and depth in inches.
2. Select a soil type from the drop down menu.
3. Select a saturation level from the drop down menu.
(For data gathering instructions see appendix tab)

Measurements	
Length (ft)	170
Width (ft)	97
Depth (in)	2.000









Willow State #001 Tank Battery

Incident ID nAPP2118847775

PREPARED BY:
PIMA ENVIRONMENTAL SERVICES, LLC

PREPARED FOR:
Spur Energy

Site Assessment and Work Plan

June 16, 2026

FACILITY NAME	Willow State #001 Battery
DATE OF RELEASE	6/17/2021
INCIDENT NO.	napp2118847775



Pima Environmental Services
 5614 N. Lovington Highway
 Hobbs, NM 88240
 575-964-7740

Site Characterization	
DTGW What is the shallowest DTGW beneath the area affected by the release in ft below ground surface (ft bgs)	Between 100 and 500 ft.
GW Depth Determination What method was used to determine the DTGW?	NM OSE iWaters Database Search
Ground or Surface Water Impacted Did this release impact GW or Surface Water?	No
What is the min. distance between the closest lateral extents of the release and the following surace areas?	
Distance to Watercourse A continuously flowing watercourse or any other significant watercourse?	Between 1/2 mi. and 1 mi.
Distance to Lake/bed Any lake/bed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	Between 1/2 mi. and 1 mi.
Distance to Public An occupied permanent residence, school, hospital, institution, or church?	> 5 mi.
Distance to Private A spring or a private domestic FW well used by less than five households for domestic or stock watering purposes?	Between 500 ft and 1/2 mi.
Distance to Fresh Water Any other FW well spring?	Between 500 ft and 1/2 mi.
Within Municipal Boundaries Incorporated municipal boundaries or a defined municipal FW well field?	Between 500 ft and 1/2 mi.
Distance to Wetland A wetland?	Between 500 ft and 1/2 mi.
Overlying Subsurface Mine A subsurface mine?	> 5 mi.
Overlying (Non-Karst) Unstable Area An (non-karst) unstable area?	> 5 mi.
Risk of Karst Geology Categorize the risk of this well/site being in a karst geology?	Low
Distance to or Within 100 yr Floodplain A 100-year floodplain?	Between 1 mi. and 5 mi.
Areas NOT Other Site Did the release impact areas not on exploration, development, production, or storage site?	No
Remediation Plan	
Have the lateral and vertical extents of contamination been fully delineated?	Yes
Lined Containment Area Only Was this release entirely contained within a lined containment area?	no
Soil Containment Sampling	
Chloride Constituent Chloride (mg/kg)	(EPA 300.00 or SW4500 Cl B?) 400
	(EPA SW-846 Method 8015M)?
TPH (GRO+DRO+MRO) Constituent TPH (mg/kg)	323
	(EPA SW-846 Method 8015M)?
GRO + DRO Constituent GRO-DRO (mg/kg)	85
	(EPA SW-846 Method 8021B or 8260B)?
BTEX Constituent BTEX (mg/kg)	0
	(EPA SW-846 Method 8021B or 8260B)?
Benzene Constituent Benzene (mg/kg)	0
Remediation Plan (Cont.) Please answer all that apply	
Ex Situ Excavation Off-Site (Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc)?	Yes
Ex Situ Excavation On-Site (Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)?	No
In Situ Soil Vapor Extraction (SVE)?	No
In Situ Chemical Processing (In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)?	No
In Situ Biological Processing (In Situ) Biological processing (i.e. Microbes/Fertilizer, etc.)?	No
In Situ Physical Processing (In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)?	No
In Situ Ground Water Abatement GW Abatement pursuant to 19.15.30 NMAC?	No
Remediation Other Other (Non-listed remedial process)?	No
Deferral Request Only	
Requesting a deferral of the remediation closure due date with the approval of this submission	No



Pima Environmental Services, LLC
 5614 N. Lovington Hwy.
 Hobbs, NM 88240
 575-964-7740

June 16, 2026

NMOCD District 2
 811 S. First Street
 Artesia, NM 88210

Re: Site Assessment and Work Plan
Willow State #001 Tank Battery
API No. 30-015-28880
GPS: Latitude 32.82781 Longitude -103.87329
UL "O", Sec. 16, T17S, R31E
Eddy County, NM
NMOCD Ref. No. NAPP2118847775

Pima Environmental Services, LLC (Pima) has been contracted by Spur Energy to perform a spill assessment, remediation activities, and submit this work plan for a produced water release that occurred at the Willow State #001 Tank Battery (Willow). The initial C-141 was submitted on July 7, 2021. This incident was assigned Incident ID nAPP2118847775, by the New Mexico Oil Conservation Division (NMOCD).

Site Characterization

The Willow is located approximately 6.30 miles northeast of Loco Hills, NM. This spill site is in Unit O, Section 16, Township 17S, Range 31E, Latitude 32.82781, Longitude -103.87329, Eddy County, NM. Figure 1 references a Location map.

According to the New Mexico Bureau of Geology and Mineral Resources, the geological classification of the area includes Eolian and Piedmont deposits from the Holocene to middle Pleistocene eras, as detailed in Appendix B. The predominant soil type in this region is the Kermit-Berino fine sand, characterized by 0 to 3 percent slopes, as identified in the United States Department of Agriculture Natural Resources Conservation Service soil survey (Appendix B). The drainage courses in this area are classified as well-drained. Additionally, the geological assessment indicates a low potential for karst geology near the Willow (see Figure 3). The nearest significant watercourse is an unknown salt playa, located approximately 11.70 miles to the southwest (Appendix A).

Based on information from the New Mexico Office of the State Engineer, the nearest groundwater in this area is located at a depth of 102 feet below ground surface (BGS), approximately 0.53 miles from the site, as indicated by water well RA 13235 POD 1, drilled on October 8, 2022. Additionally, data from the United States Geological Survey (USGS) shows that the closest groundwater well, USGS 325448104071801, is approximately 15.60 miles away and has a water depth of 24 feet BGS. For precise locations, please refer to Appendix A, which includes a detailed water well map displaying both OSE and USGS well positions.

Table 1 NMAC and Closure Criteria 19.15.29					
Depth to Groundwater (Appendix A)	Constituent & Limits				
	Chlorides	Total TPH	GRO+DRO	BTEX	Benzene
<50'	600 mg/kg	100 mg/kg		50 mg/kg	10 mg/kg
51-100'	10,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg
>100'	20,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg

Reference Figure 2 for a Topographic map.

Release Information

nAPP2118847775: On June 17, 2021, a poly line located in the pasture south of the engineered pad split near the SWD riser, resulting in the release of approximately 98 barrels of produced water. Spur personnel responded immediately to isolate the line, stop the release, and prevent further migration to surrounding areas.

Site Assessment and Soil Sampling Results

On August 26, 2025, Pima Environmental Services mobilized personnel to the site to conduct soil delineation activities. Individual grab samples were collected from the release point and from surrounding areas in all cardinal directions of the riser. A total of ten (10) soil sample locations (HA1–HA10) were submitted for laboratory analysis. A proposed excavation map is provided in Figure 4 for reference. The analytical results from this sampling event are summarized in the accompanying data table, and the complete laboratory report is included in Appendix E.

8-26-2025 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
Spur Energy WILLOW STATE #001 BATTERY								
Date: 8-26-25		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
HA 1	Surface	ND	ND	ND	ND	ND	0	48
	1'	ND	ND	ND	ND	ND	0	48
	2'	ND	ND	ND	ND	ND	0	96
	3'	ND	ND	ND	ND	ND	0	336
	4'	ND	ND	ND	ND	ND	0	400
HA 2	Surface	ND	ND	ND	71.2	57.4	128.6	32
	1'	ND	ND	ND	ND	ND	0	64
	2'	ND	ND	ND	ND	ND	0	64
	3'	ND	ND	ND	ND	ND	0	48
	4'	ND	ND	ND	ND	ND	0	64
HA 3	Surface	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	32
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	32
HA 4	Surface	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	32
	2'	ND	ND	ND	ND	ND	0	32
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
HA 5	Surface	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	84.6	62.6	147.2	96
	2'	ND	ND	ND	ND	ND	0	32
	3'	ND	ND	ND	ND	ND	0	32
	4'	ND	ND	ND	ND	ND	0	32
HA 6	Surface	ND	ND	ND	ND	ND	0	32
	1'	ND	ND	ND	ND	ND	0	48
	2'	ND	ND	ND	ND	ND	0	32
	3'	ND	ND	ND	ND	ND	0	48
	4'	ND	ND	ND	ND	ND	0	32
HA 7	Surface	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	32
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
HA 8	Surface	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	32
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
HA 9	Surface	ND	ND	ND	ND	ND	0	80
	1'	ND	ND	ND	231	91.8	322.8	288
	2'	ND	ND	ND	ND	ND	0	272
	3'	ND	ND	ND	ND	ND	0	176
	4'	ND	ND	ND	ND	ND	0	96
HA 10	Surface	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND

	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	32

ND- Analyte Not Detected

Proposed Remediation Activities

Pima Environmental Services, LLC (Pima) will mobilize a field technician, heavy equipment, and an equipment operator to the Site to excavate the area encompassing soil sample locations HA1 through HA10. The total estimated excavation footprint is approximately 8,200 square feet. Excavation activities will extend to a depth of approximately four feet below ground surface (bgs). Please refer to Figure 4 for the proposed excavation area.

Following completion of excavation activities, a 48-hour sampling notification will be submitted through the New Mexico Oil Conservation Division (NMOCD) portal. A confirmation sampling event will then be conducted throughout the excavated area. Confirmation samples will be collected at a density not exceeding one composite sample per 200 square feet of excavation area.

Each confirmation soil sample will consist of a 5-point composite representative of an area not exceeding 200 square feet within the open excavation. Soil samples will be submitted for laboratory analysis of total chloride by EPA Method 300.0; benzene, toluene, ethylbenzene, and total xylenes (BTEX) by EPA Method 8021B; and motor range organics (MRO), diesel range organics (DRO), and gasoline range organics (GRO) by EPA Method 8015D. All samples will be collected in laboratory-supplied containers, properly labeled, and maintained under chain-of-custody procedures on ice until delivery to Cardinal Laboratories in Hobbs, New Mexico (Appendix C).

Upon completion of the confirmation sampling event, and once analytical results demonstrate that all impacted soil has been adequately removed, the excavation will be backfilled with clean, pasture-like native soil. The area will then be graded and restored to approximate original contours.

Attachments

Figures:

- 1- Location Map
- 2- Topographic Map
- 3- Karst Map
- 4- Proposed Excavation Map

Appendices:

- Appendix A – Referenced Water Surveys
- Appendix B – Soil Survey and Geological Map
- Appendix C– Laboratory Reports

Figures:

Figure 1- Location Map

Figure 2- Topographic Map



Figure 3- Karst Map

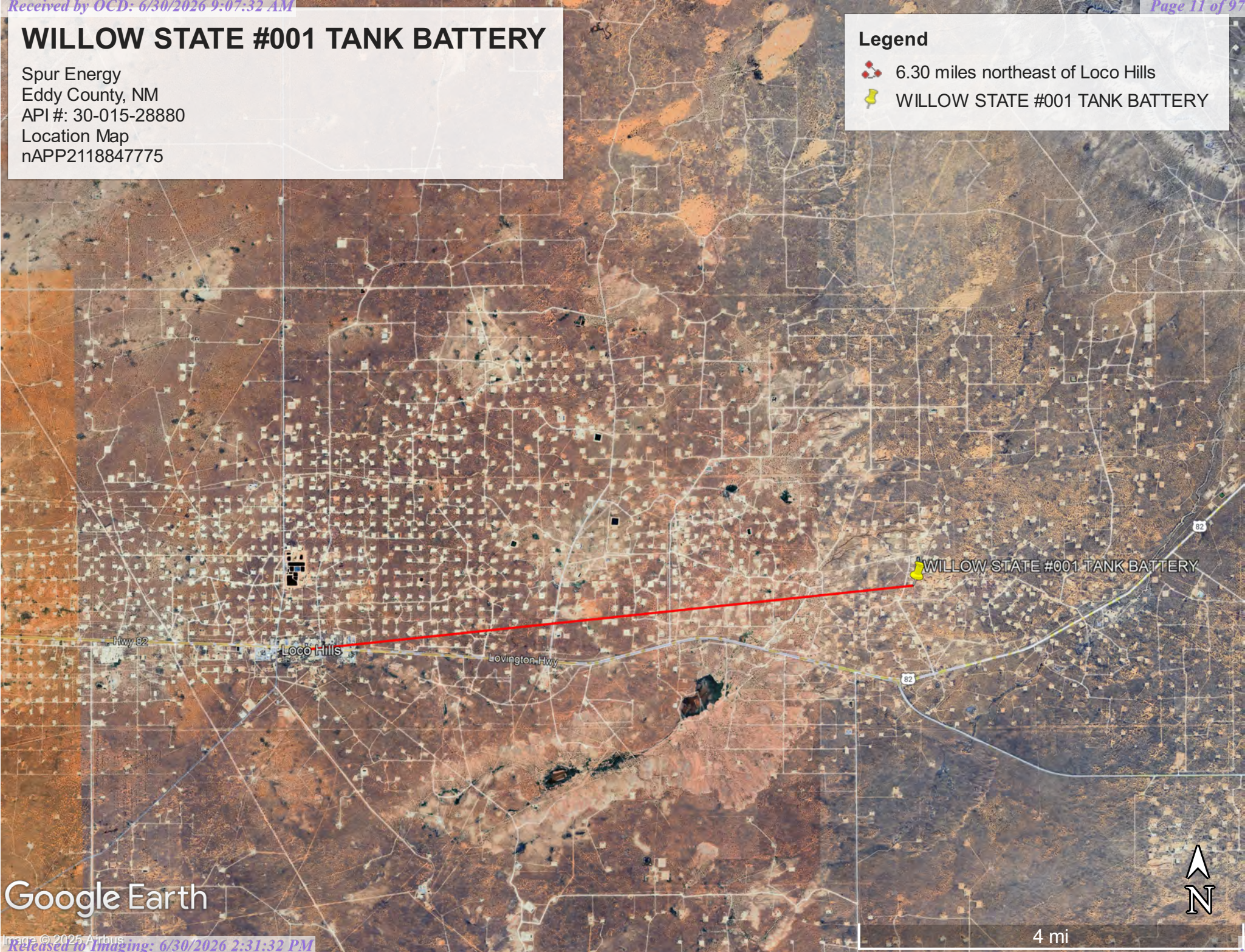
Figure 4- Proposed Excavation Map

WILLOW STATE #001 TANK BATTERY

Spur Energy
Eddy County, NM
API #: 30-015-28880
Location Map
nAPP2118847775

Legend

-  6.30 miles northeast of Loco Hills
-  WILLOW STATE #001 TANK BATTERY



Google Earth




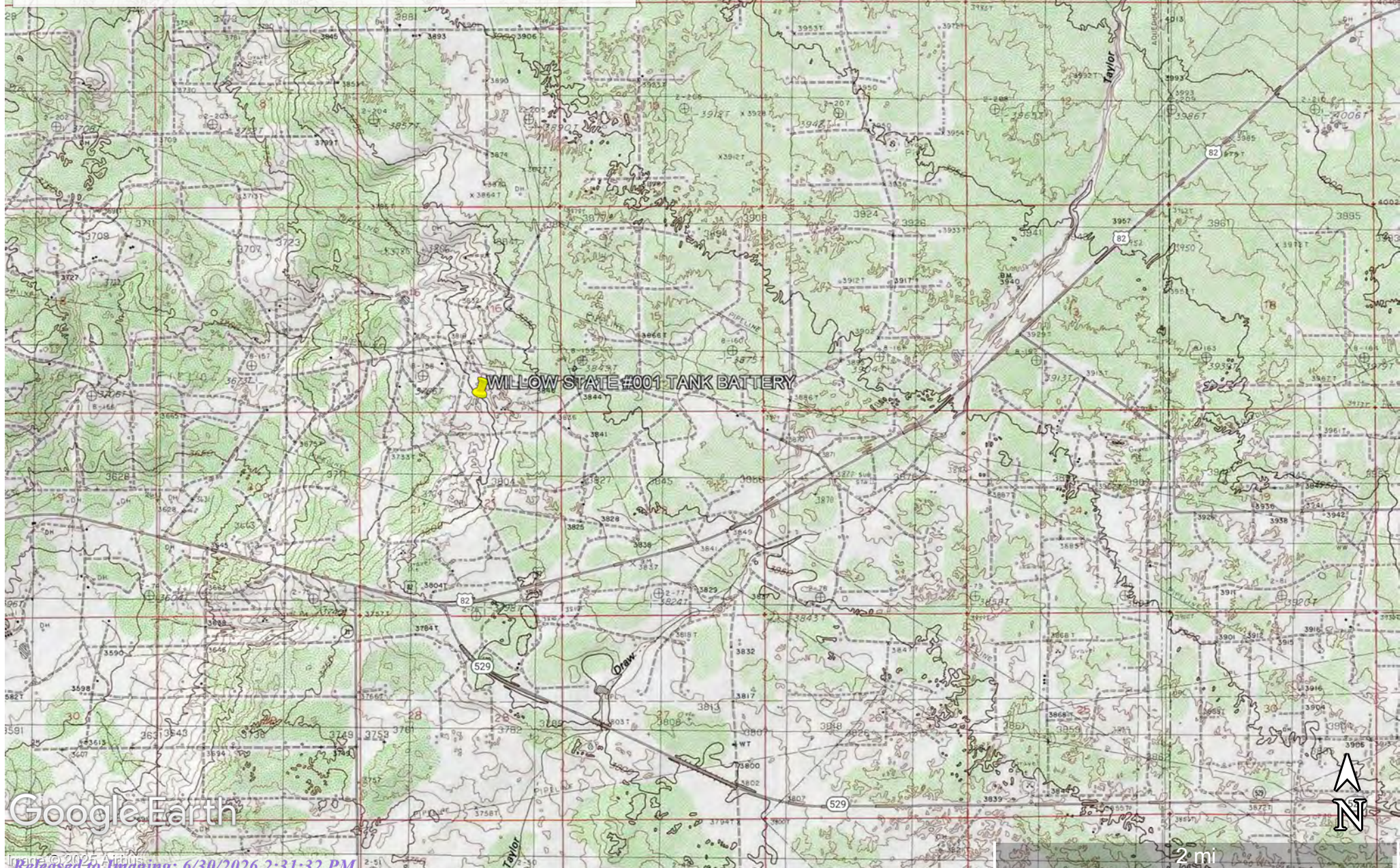
4 mi

WILLOW STATE #001 TANK BATTERY

Spur Energy
Eddy County, NM
API #: 30-015-28880
Topographic Map
nAPP2118847775

Legend

 WILLOW STATE #001 TANK BATTERY



Google Earth







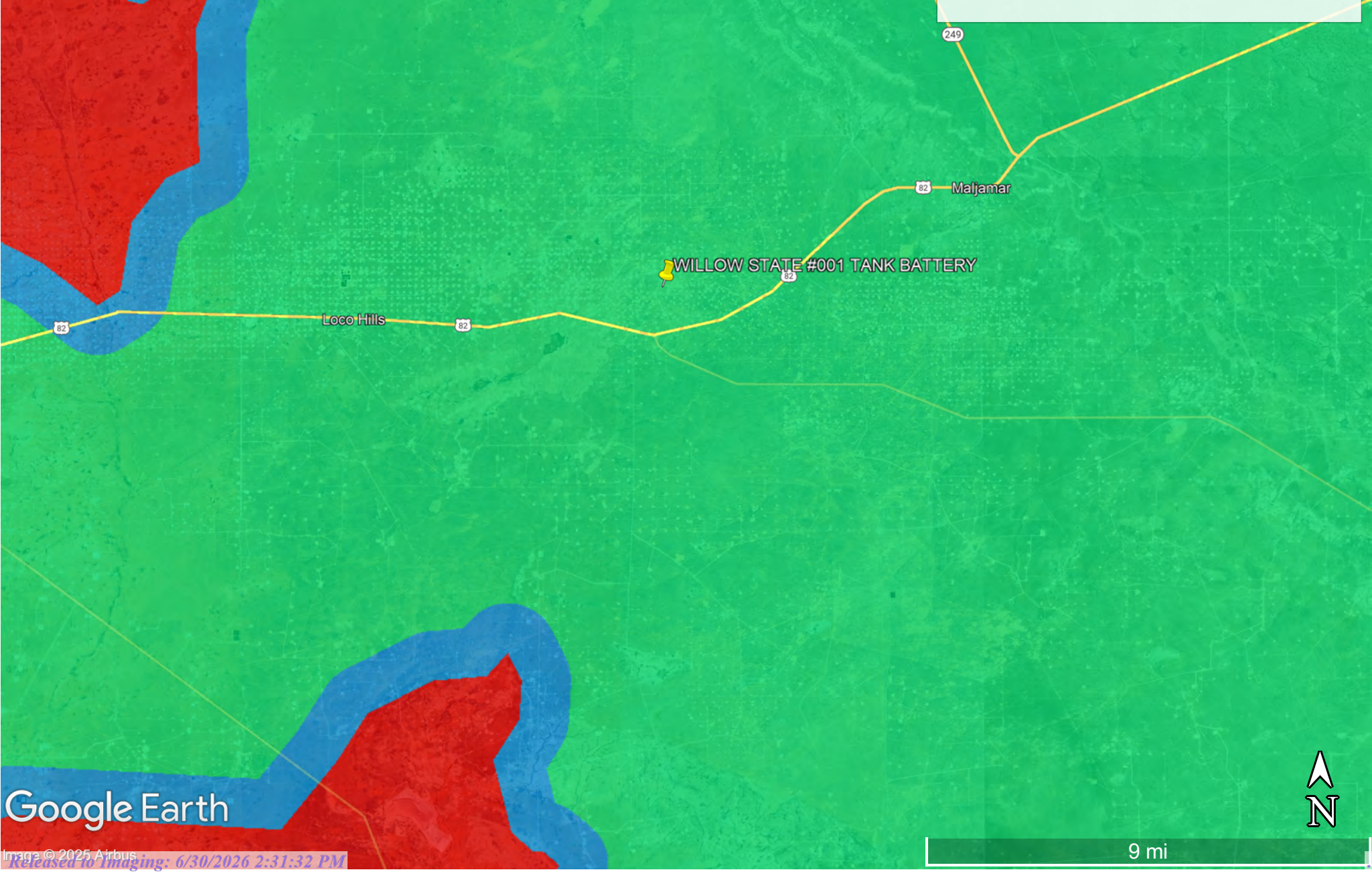
2 mi

WILLOW STATE #001 TANK BATTERY

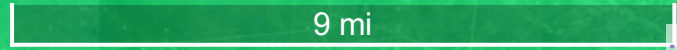
Spur Energy
Eddy County, NM
API #: 30-015-28880
Karst Map
nAPP2118847775

Legend

-  High Karst
-  Low Karst
-  Medium Karst
-  WILLOW STATE #001 TANK BATTERY






Google Earth

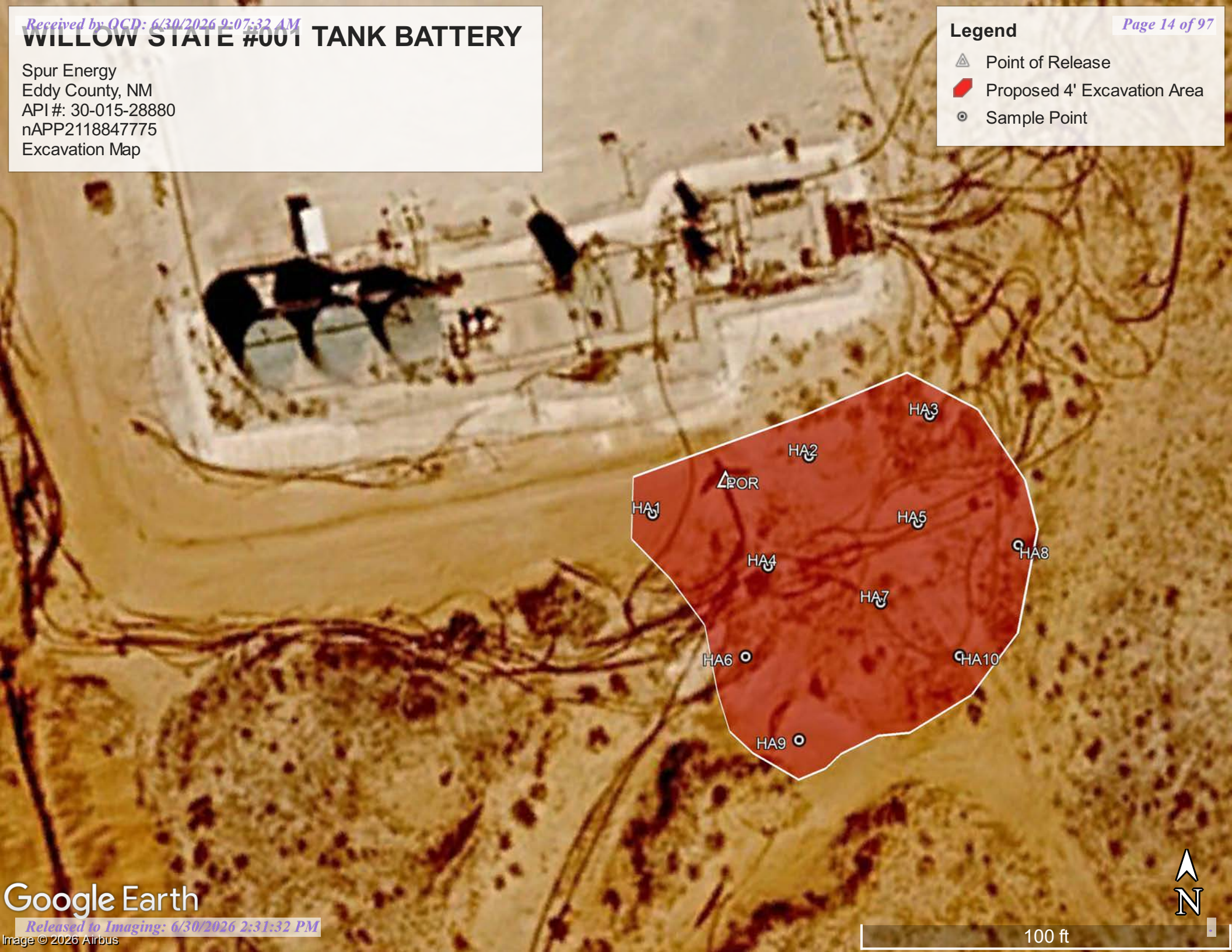


WILLOW STATE #001 TANK BATTERY

Spur Energy
Eddy County, NM
API #: 30-015-28880
nAPP2118847775
Excavation Map

Legend

-  Point of Release
-  Proposed 4' Excavation Area
-  Sample Point





Appendix A

Water Surveys:

- OSE
- USGS
- Surface Water Map

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
NA	RA 13235 POD1	NW	NW	NW	21	17S	31E	604630.7	3632537.3	

* UTM location was derived from PLSS - see Help

Driller License:	1249	Driller Company:	ATKINS ENGINEERING ASSOC. INC.
Driller Name:	JACKIE D ATKINS		
Drill Start Date:	2022-10-08	Drill Finish Date:	2022-10-09
Log File Date:	2022-11-04	PCW Rcv Date:	
Pump Type:		Pipe Discharge Size:	
Casing Size:		Depth Well:	102
		Depth Water:	

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.

9/16/25 7:56 AM MST

Point of Diversion Summary

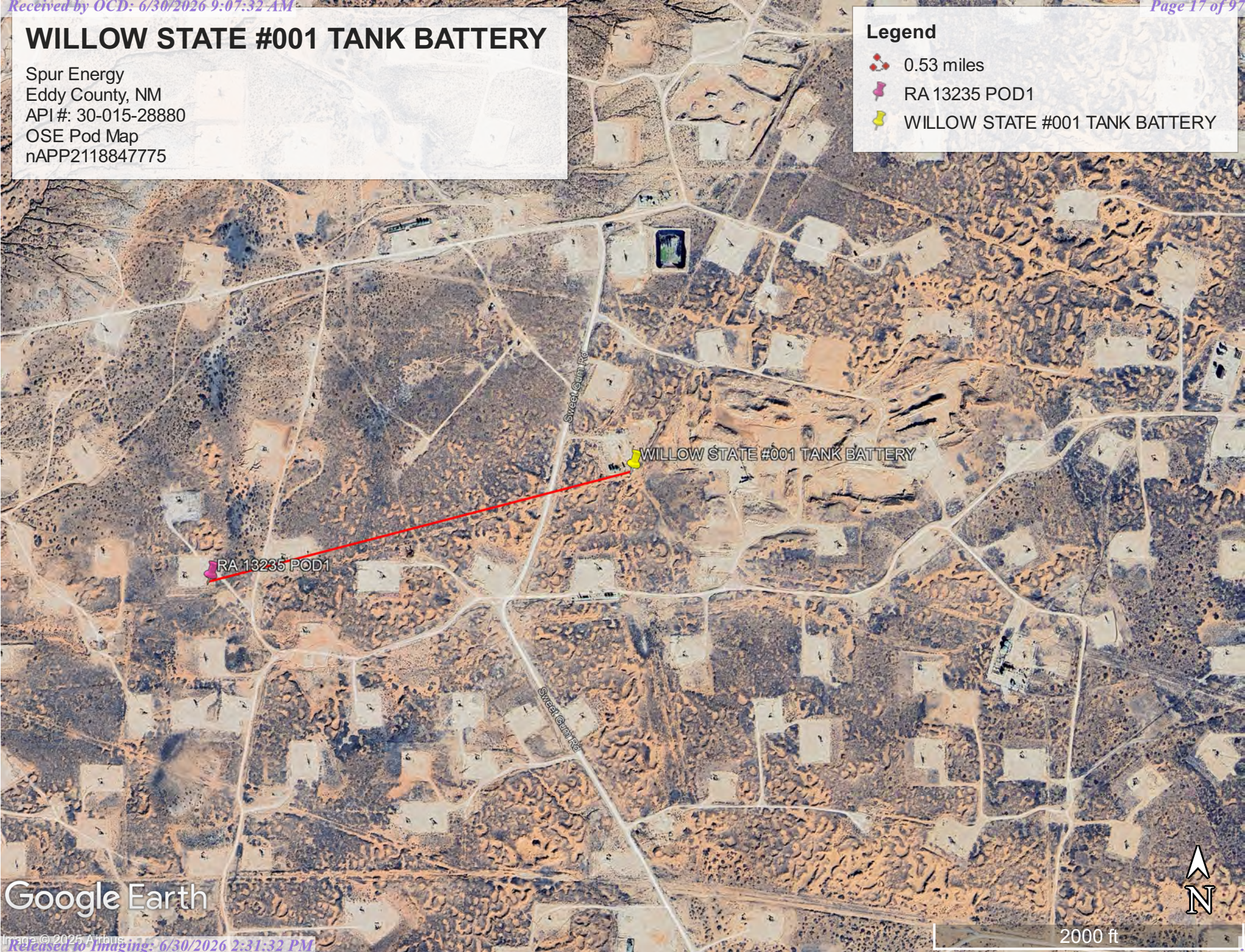
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WILLOW STATE #001 TANK BATTERY

Spur Energy
Eddy County, NM
API #: 30-015-28880
OSE Pod Map
nAPP2118847775

Legend

-  0.53 miles
-  RA 13235 POD1
-  WILLOW STATE #001 TANK BATTERY



Google Earth

2000 ft





USGS Home
Contact USGS
Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category: Geographic Area:

Click to hide News Bulletins

- Explore the *NEW* [USGS National Water Dashboard](#) interactive map to access real-time water data from over 13,500 stations nationwide.

Groundwater levels for the Nation

i Important: [Next Generation Monitoring Location Page](#)

Search Results -- 1 sites found

site_no list =

- 325448104071801

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

USGS 325448104071801 16S.28E.24.22423A

Available data for this site

Eddy County, New Mexico

Hydrologic Unit Code 13060011

Latitude 32°54'48", Longitude 104°07'18" NAD27

Land-surface elevation 3,568 feet above NGVD29

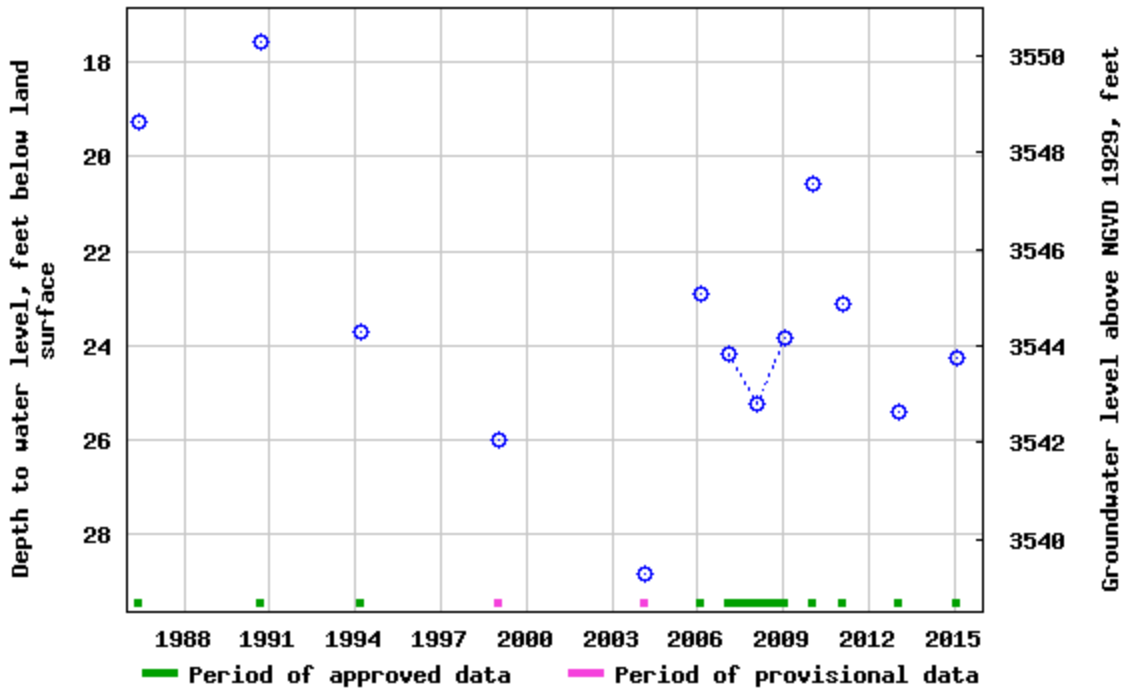
This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period

USGS 325448104071801 16S.28E.24.22423R



Breaks in the plot represent a gap of at least one year between field measurements.

[Download a presentation-quality graph](#)

[Questions or Comments](#)

[Help](#)

[Data Tips](#)

[Explanation of terms](#)

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[Accessibility](#) [FOIA](#) [Privacy](#) [Policies and Notices](#)

[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)

Title: Groundwater for USA: Water Levels

URL: <https://nwis.waterdata.usgs.gov/nwis/gwlevels?>

Page Contact Information: [USGS Water Data Support Team](#)

Page Last Modified: 2025-09-11 12:27:50 EDT




0.67 0.51 nadww01



WILLOW STATE #001 TANK BATTERY

Spur Energy
Eddy County, NM
API #: 30-015-28880
USGS Map
nAPP2118847775

Legend

-  15.60 miles
-  USGS 325448104071801
-  WILLOW STATE #001 TANK BATTERY

USGS 325448104071801

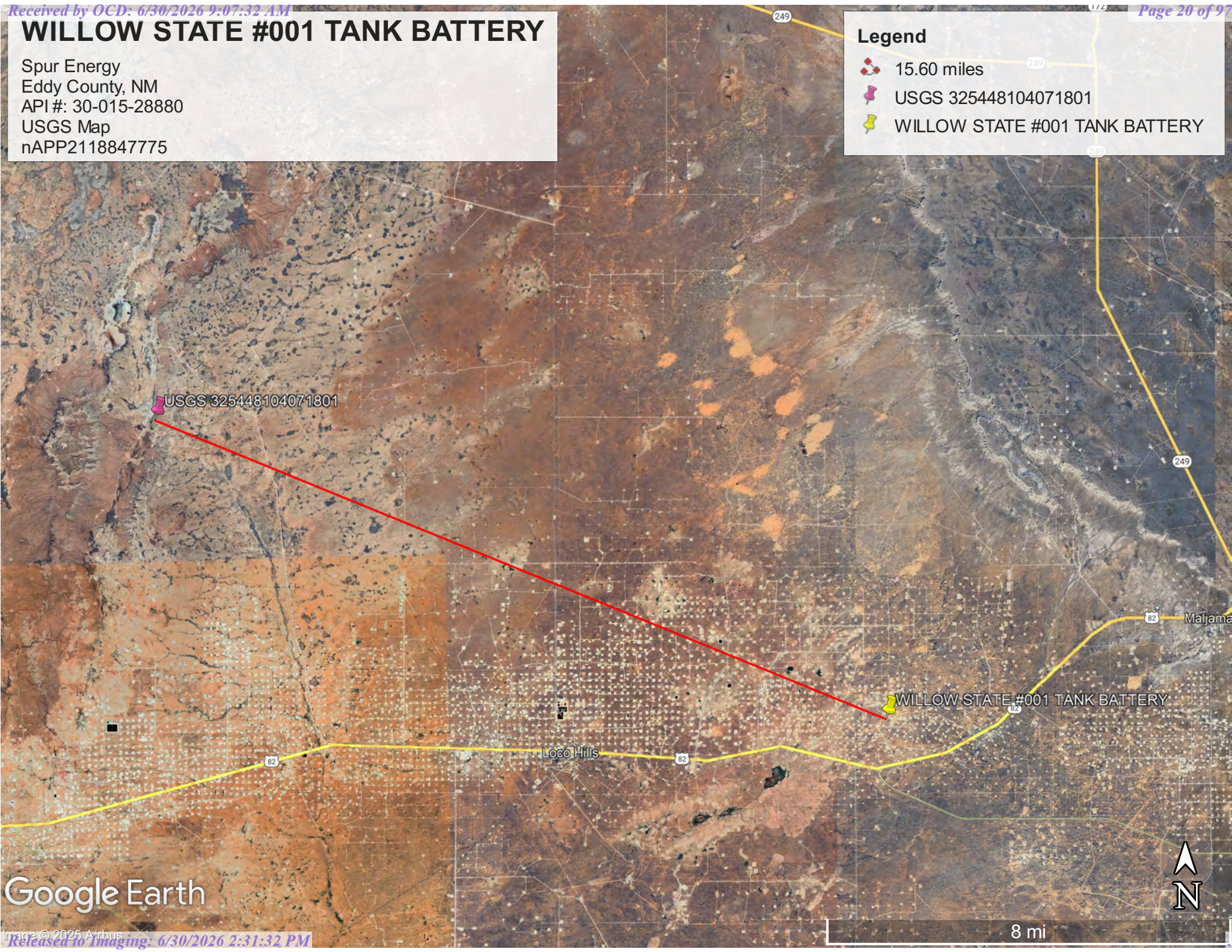
WILLOW STATE #001 TANK BATTERY

Loco Hills

Maljama

Google Earth

8 mi

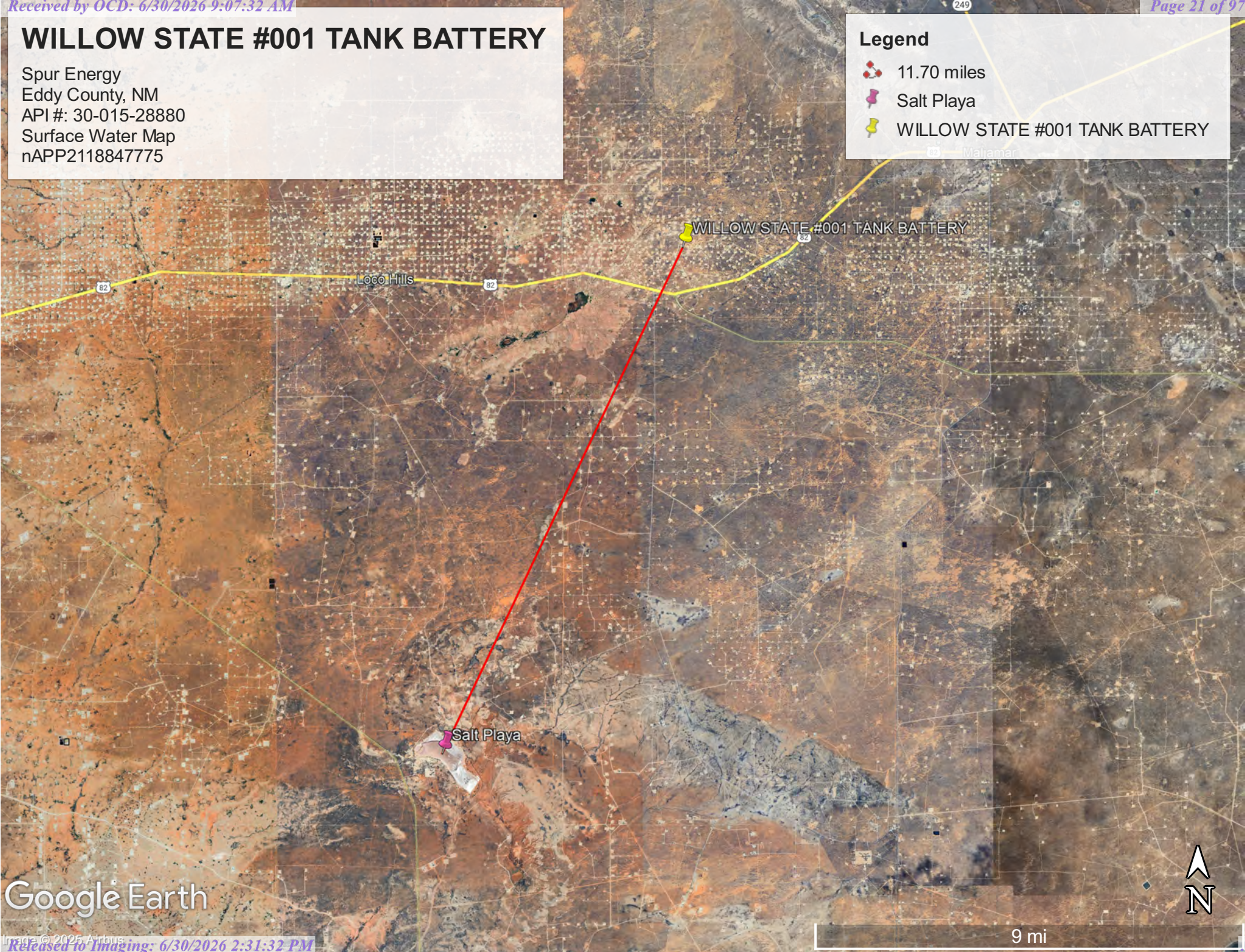


WILLOW STATE #001 TANK BATTERY

Spur Energy
Eddy County, NM
API #: 30-015-28880
Surface Water Map
nAPP2118847775

Legend

-  11.70 miles
-  Salt Playa
-  WILLOW STATE #001 TANK BATTERY



Google Earth

9 mi



Appendix B

- Soil Survey & Soil Maps
- Geological Data
- FEMA Flood Map
- Wetlands Map

Map Unit Description: Kermit-Berino fine sands, 0 to 3 percent slopes---Eddy Area, New Mexico

Eddy Area, New Mexico

KM—Kermit-Berino fine sands, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 1w4q
Elevation: 3,100 to 4,200 feet
Mean annual precipitation: 10 to 14 inches
Mean annual air temperature: 60 to 64 degrees F
Frost-free period: 190 to 230 days
Farmland classification: Not prime farmland

Map Unit Composition

Kermit and similar soils: 50 percent
Berino and similar soils: 35 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Kermit

Setting

Landform: Plains, alluvial fans
Landform position (three-dimensional): Talf, rise
Down-slope shape: Convex, linear
Across-slope shape: Linear
Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 7 inches: fine sand
H2 - 7 to 60 inches: fine sand

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Excessively drained
Runoff class: Negligible
Capacity of the most limiting layer to transmit water (Ksat): Very high (20.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Maximum salinity: Nonsaline (0.0 to 1.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Low (about 3.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: A
Ecological site: R070BD005NM - Deep Sand
Hydric soil rating: No

Map Unit Description: Kermit-Berino fine sands, 0 to 3 percent slopes---Eddy Area, New Mexico

Description of Berino

Setting

Landform: Plains, fan piedmonts
Landform position (three-dimensional): Riser
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 17 inches: fine sand
H2 - 17 to 50 inches: fine sandy loam
H3 - 50 to 58 inches: loamy sand

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 40 percent
Maximum salinity: Very slightly saline to slightly saline (2.0 to 4.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Moderate (about 7.2 inches)

Interpretive groups

Land capability classification (irrigated): 4e
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: B
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Minor Components

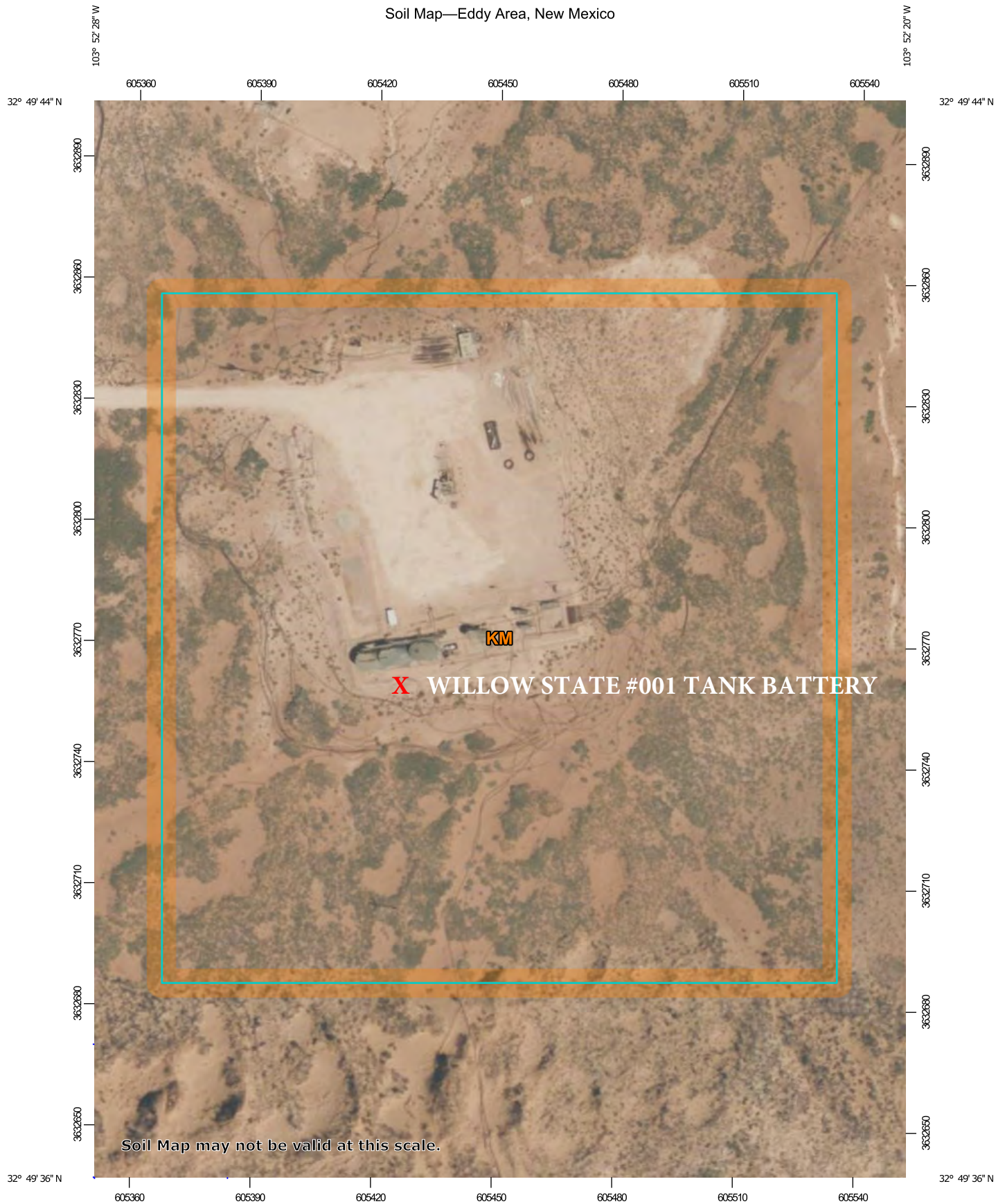
Active dune land

Percent of map unit: 15 percent
Hydric soil rating: No

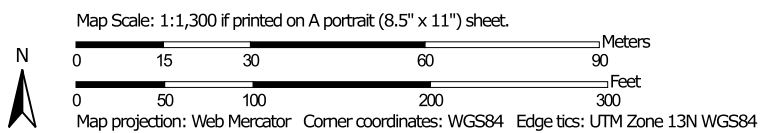
Data Source Information

Soil Survey Area: Eddy Area, New Mexico
Survey Area Data: Version 20, Sep 3, 2024

Soil Map—Eddy Area, New Mexico



Soil Map may not be valid at this scale.




Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

9/11/2025
Page 1 of 3

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: Eddy Area, New Mexico
 Survey Area Data: Version 20, Sep 3, 2024

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.

Soil Map—Eddy Area, New Mexico

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
KM	Kermit-Berino fine sands, 0 to 3 percent slopes	7.1	100.0%
Totals for Area of Interest		7.1	100.0%

(<https://www.usgs.gov/>)

Mineral Resources (<https://www.usgs.gov/energy-and-minerals/mineral-resources-program>)
 / Online Spatial Data (/) / Geology (/geology/) / by state (/geology/state/)
 / New Mexico (/geology/state/state.php?state=NM)

Eolian and piedmont deposits

XML (/geology/state/xml/NMQep;0)	JSON (/geology/state/json/NMQep;0)
Shapefile (/geology/state/unit-shape.php?unit=NMQep;0)	

Interlayered eolian sands and piedmont-slope deposits along the eastern flank of the Pecos River valley, primarily between Roswell and Carlsbad. Typically capped by thin eolian deposits.

State	New Mexico (/geology/state/state.php?state=NM)
Name	Eolian and piedmont deposits
Geologic age	Holocene to middle Pleistocene
Lithologic constituents	Major Unconsolidated (Eolian) <i>Interlayered eolian sands and piedmont-slope deposits</i>
References	New Mexico Bureau of Geology and Mineral Resources, 2003, Geologic Map of New Mexico, scale 1:500,000 (includes some new polygons, faults, and attributes not in NM001 - heads up digitizing by JHorton).
NGMDB product	NGMDB product page for 22974 (https://ngmdb.usgs.gov/Prodesc/proddesc_22974.htm)
Counties	Chaves (/geology/state/fips-unit.php?code=f35005) - DeBaca (/geology/state/fips-unit.php?code=f35011) - Eddy (/geology/state/fips-unit.php?code=f35015) - Lea (/geology/state/fips-unit.php?code=f35025) - Roosevelt (/geology/state/fips-unit.php?code=f35041)

DOI Privacy Policy (<https://www.doi.gov/privacy>) | Legal (https://www.usgs.gov/laws/policies_notices.html) |
 Accessibility (<https://www2.usgs.gov/laws/accessibility.html>) | Site Map (<https://www.usgs.gov/sitemap.html>) |
 Contact USGS (<https://answers.usgs.gov/>)

U.S. Department of the Interior (<https://www.doi.gov/>) | DOI Inspector General (<https://www.doiog.gov/>) |




White House (<https://www.whitehouse.gov/>) | E-gov (<https://www.whitehouse.gov/omb/management/egov/>) |

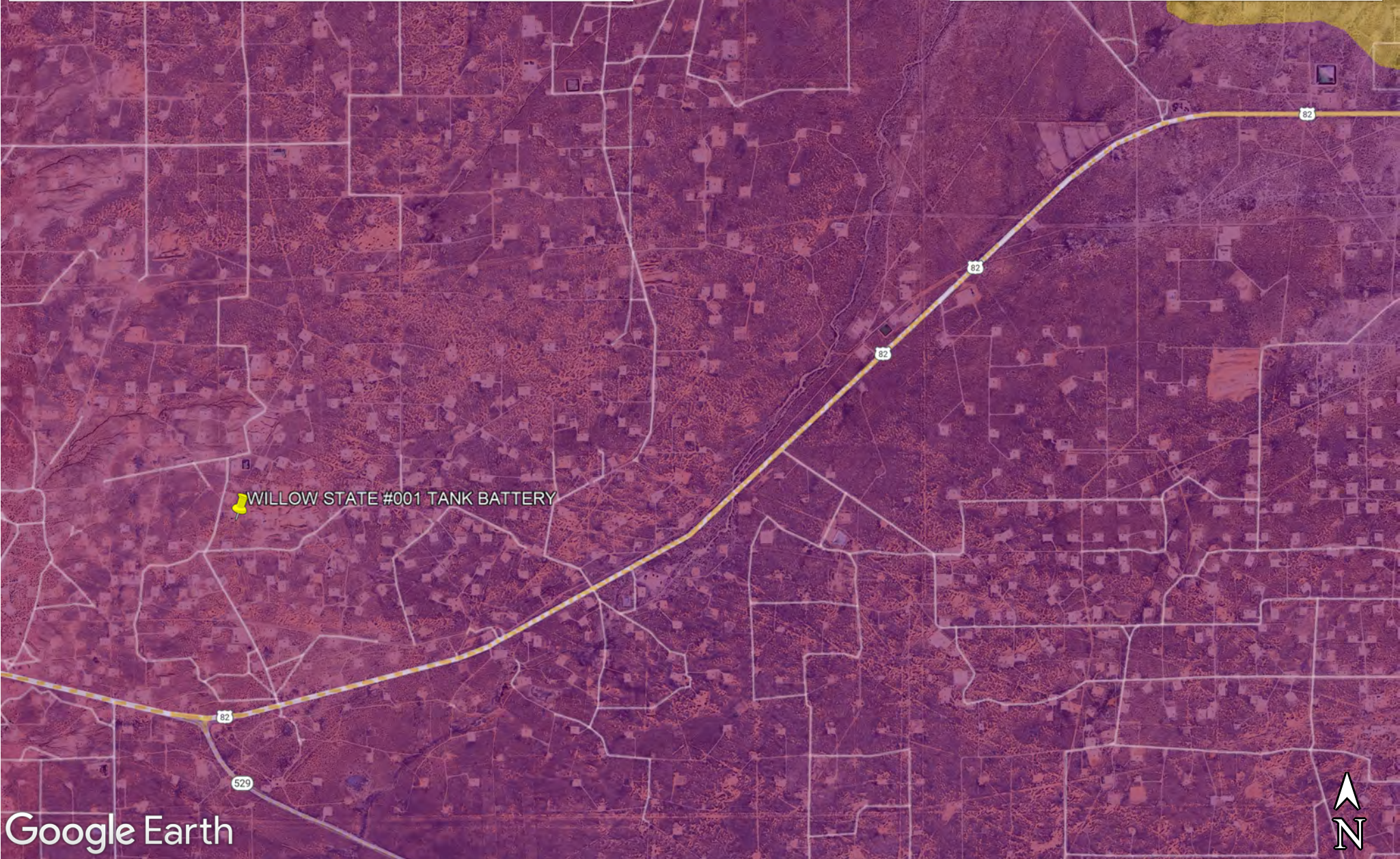
No Fear Act (<https://www.doi.gov/pmb/eeo/no-fear-act>) | FOIA (<https://www2.usgs.gov/foia>)

WILLOW STATE #001 TANK BATTERY

Spur Energy
Eddy County, NM
API #: 30-015-28880
Geological Map
nAPP2118847775

Legend

-  Eolian and piedmont deposits
-  Piedmont alluvial deposits
-  WILLOW STATE #001 TANK BATTERY



Google Earth

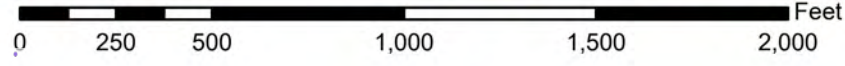
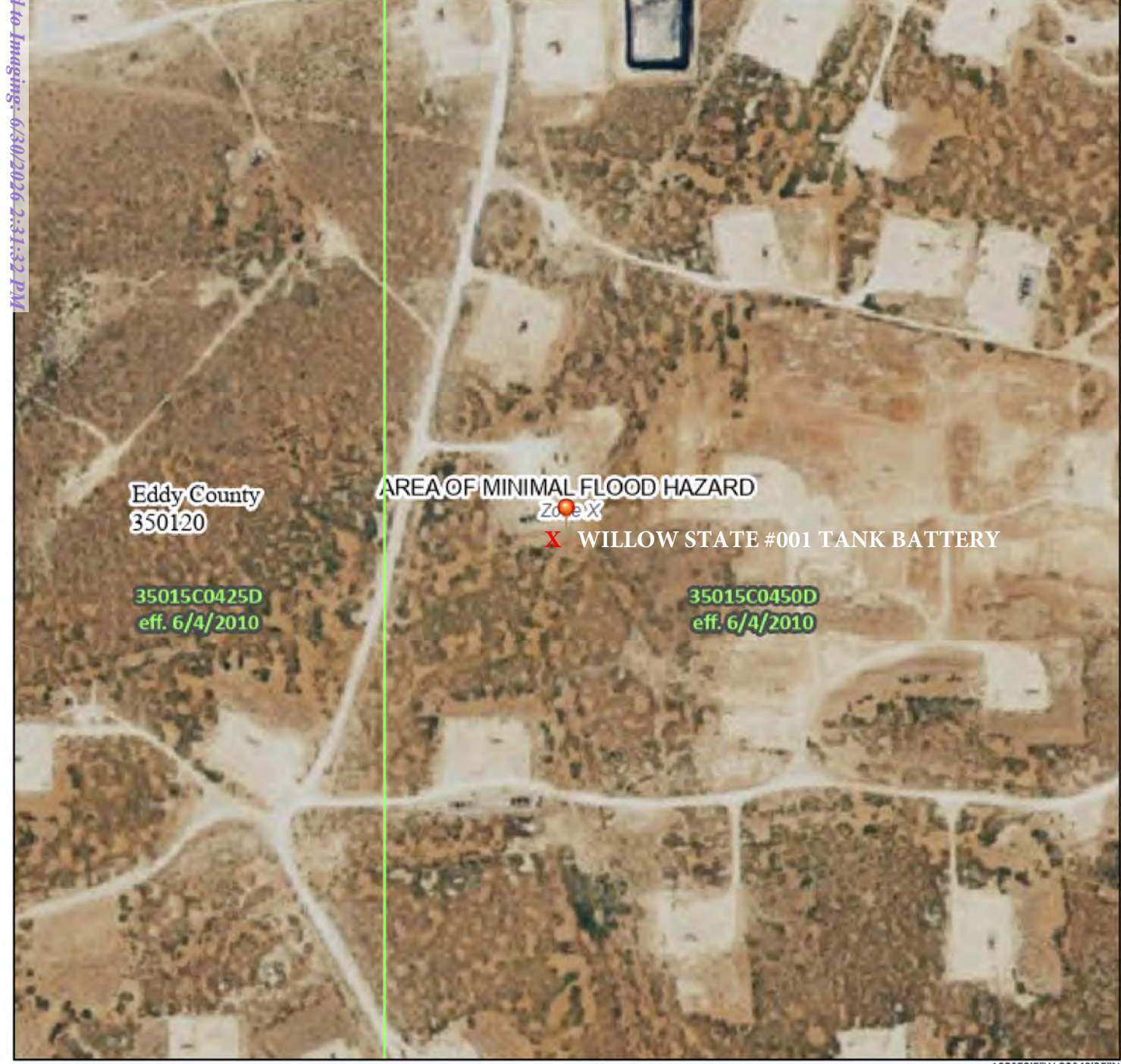


2 mi

National Flood Hazard Layer FIRMette



103°52'43"W 32°49'55"N



1:6,000

103°52'5"W 32°49'25"N

Basemap Imagery Source: USGS National Map 2023

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 X
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
GENERAL STRUCTURES		Area of Undetermined Flood Hazard Zone D
		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
MAP PANELS		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 9/11/2025 at 4:11 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.

Released to Imaging: 6/30/2026 2:31:32 PM

Received by OCD: 6/30/2026 9:07:32 AM

Page 31 of 97



U.S. Fish and Wildlife Service
National Wetlands Inventory







wetlands



U.S. Fish and Wildlife Service, National Standards and Support Team,
wetlands_team@fws.gov

September 11, 2025

Wetlands

- | | | | | | |
|---|--------------------------------|---|-----------------------------------|---|----------|
|  | Estuarine and Marine Deepwater |  | Freshwater Emergent Wetland |  | Lake |
|  | Estuarine and Marine Wetland |  | Freshwater Forested/Shrub Wetland |  | Other |
| | |  | Freshwater Pond |  | 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.



Appendix C

- Laboratory Reports



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

September 04, 2025

SEBASTIAN OROZCO

PIMA ENVIROMENTAL

1601 N TURNER STE. 500

HOBBS, NM 88240

RE: WILLOW STATE #001 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 08/29/25 9:53.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received:	08/29/2025	Sampling Date:	08/26/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	WILLOW STATE #001 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	6-177	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: HA 1 - SURFACE (H255406-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2025	ND	1.71	85.4	2.00	6.69	
Toluene*	<0.050	0.050	08/30/2025	ND	1.80	90.2	2.00	7.24	
Ethylbenzene*	<0.050	0.050	08/30/2025	ND	1.84	92.0	2.00	8.18	
Total Xylenes*	<0.150	0.150	08/30/2025	ND	5.46	91.0	6.00	8.36	
Total BTEX	<0.300	0.300	08/30/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/02/2025	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2025	ND	197	98.6	200	0.263	
DRO >C10-C28*	<10.0	10.0	09/02/2025	ND	186	93.0	200	0.725	
EXT DRO >C28-C36	<10.0	10.0	09/02/2025	ND					

Surrogate: 1-Chlorooctane 96.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 89.8 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received:	08/29/2025	Sampling Date:	08/26/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	WILLOW STATE #001 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	6-177	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: HA 1 - 1' (H255406-02)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/30/2025	ND	1.71	85.4	2.00	6.69		
Toluene*	<0.050	0.050	08/30/2025	ND	1.80	90.2	2.00	7.24		
Ethylbenzene*	<0.050	0.050	08/30/2025	ND	1.84	92.0	2.00	8.18		
Total Xylenes*	<0.150	0.150	08/30/2025	ND	5.46	91.0	6.00	8.36		
Total BTEX	<0.300	0.300	08/30/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	09/02/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	197	98.6	200	0.263		
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	186	93.0	200	0.725		
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND						

Surrogate: 1-Chlorooctane 106 % 44.4-145

Surrogate: 1-Chlorooctadecane 108 % 40.6-153

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received:	08/29/2025	Sampling Date:	08/26/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	WILLOW STATE #001 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	6-177	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: HA 1 - 2' (H255406-03)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/30/2025	ND	1.71	85.4	2.00	6.69		
Toluene*	<0.050	0.050	08/30/2025	ND	1.80	90.2	2.00	7.24		
Ethylbenzene*	<0.050	0.050	08/30/2025	ND	1.84	92.0	2.00	8.18		
Total Xylenes*	<0.150	0.150	08/30/2025	ND	5.46	91.0	6.00	8.36		
Total BTEX	<0.300	0.300	08/30/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	09/02/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	197	98.6	200	0.263		
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	186	93.0	200	0.725		
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND						

Surrogate: 1-Chlorooctane 98.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 99.6 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received:	08/29/2025	Sampling Date:	08/26/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	WILLOW STATE #001 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	6-177	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: HA 1 - 3' (H255406-04)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/30/2025	ND	1.71	85.4	2.00	6.69		
Toluene*	<0.050	0.050	08/30/2025	ND	1.80	90.2	2.00	7.24		
Ethylbenzene*	<0.050	0.050	08/30/2025	ND	1.84	92.0	2.00	8.18		
Total Xylenes*	<0.150	0.150	08/30/2025	ND	5.46	91.0	6.00	8.36		
Total BTEX	<0.300	0.300	08/30/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	09/02/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	197	98.6	200	0.263		
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	186	93.0	200	0.725		
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND						

Surrogate: 1-Chlorooctane 111 % 44.4-145

Surrogate: 1-Chlorooctadecane 113 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received:	08/29/2025	Sampling Date:	08/26/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	WILLOW STATE #001 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	6-177	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: HA 1 - 4' (H255406-05)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/30/2025	ND	1.71	85.4	2.00	6.69		
Toluene*	<0.050	0.050	08/30/2025	ND	1.80	90.2	2.00	7.24		
Ethylbenzene*	<0.050	0.050	08/30/2025	ND	1.84	92.0	2.00	8.18		
Total Xylenes*	<0.150	0.150	08/30/2025	ND	5.46	91.0	6.00	8.36		
Total BTEX	<0.300	0.300	08/30/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	09/02/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	197	98.6	200	0.263		
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	186	93.0	200	0.725		
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND						

Surrogate: 1-Chlorooctane 104 % 44.4-145

Surrogate: 1-Chlorooctadecane 106 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received:	08/29/2025	Sampling Date:	08/26/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	WILLOW STATE #001 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	6-177	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: HA 2 - SURFACE (H255406-06)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/30/2025	ND	1.71	85.4	2.00	6.69		
Toluene*	<0.050	0.050	08/30/2025	ND	1.80	90.2	2.00	7.24		
Ethylbenzene*	<0.050	0.050	08/30/2025	ND	1.84	92.0	2.00	8.18		
Total Xylenes*	<0.150	0.150	08/30/2025	ND	5.46	91.0	6.00	8.36		
Total BTEX	<0.300	0.300	08/30/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/02/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	197	98.6	200	0.263		
DRO >C10-C28*	71.2	10.0	08/29/2025	ND	186	93.0	200	0.725		
EXT DRO >C28-C36	57.4	10.0	08/29/2025	ND						

Surrogate: 1-Chlorooctane 100 % 44.4-145

Surrogate: 1-Chlorooctadecane 105 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received:	08/29/2025	Sampling Date:	08/26/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	WILLOW STATE #001 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	6-177	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: HA 2 - 1' (H255406-07)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/30/2025	ND	1.70	85.1	2.00	6.02		
Toluene*	<0.050	0.050	08/30/2025	ND	1.80	90.0	2.00	7.01		
Ethylbenzene*	<0.050	0.050	08/30/2025	ND	1.82	90.9	2.00	6.89		
Total Xylenes*	<0.150	0.150	08/30/2025	ND	5.36	89.3	6.00	7.33		
Total BTEX	<0.300	0.300	08/30/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	09/02/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	197	98.6	200	0.263		
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	186	93.0	200	0.725		
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND						

Surrogate: 1-Chlorooctane 105 % 44.4-145

Surrogate: 1-Chlorooctadecane 105 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received:	08/29/2025	Sampling Date:	08/26/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	WILLOW STATE #001 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	6-177	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: HA 2 - 2' (H255406-08)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/30/2025	ND	1.70	85.1	2.00	6.02		
Toluene*	<0.050	0.050	08/30/2025	ND	1.80	90.0	2.00	7.01		
Ethylbenzene*	<0.050	0.050	08/30/2025	ND	1.82	90.9	2.00	6.89		
Total Xylenes*	<0.150	0.150	08/30/2025	ND	5.36	89.3	6.00	7.33		
Total BTEX	<0.300	0.300	08/30/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	09/02/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	197	98.6	200	0.263		
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	186	93.0	200	0.725		
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND						

Surrogate: 1-Chlorooctane 107 % 44.4-145

Surrogate: 1-Chlorooctadecane 108 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received:	08/29/2025	Sampling Date:	08/26/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	WILLOW STATE #001 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	6-177	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: HA 2 - 3' (H255406-09)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/30/2025	ND	1.70	85.1	2.00	6.02		
Toluene*	<0.050	0.050	08/30/2025	ND	1.80	90.0	2.00	7.01		
Ethylbenzene*	<0.050	0.050	08/30/2025	ND	1.82	90.9	2.00	6.89		
Total Xylenes*	<0.150	0.150	08/30/2025	ND	5.36	89.3	6.00	7.33		
Total BTEX	<0.300	0.300	08/30/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	09/02/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	197	98.6	200	0.263		
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	186	93.0	200	0.725		
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND						

Surrogate: 1-Chlorooctane 106 % 44.4-145

Surrogate: 1-Chlorooctadecane 107 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received:	08/29/2025	Sampling Date:	08/26/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	WILLOW STATE #001 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	6-177	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: HA 2 - 4' (H255406-10)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/30/2025	ND	1.70	85.1	2.00	6.02		
Toluene*	<0.050	0.050	08/30/2025	ND	1.80	90.0	2.00	7.01		
Ethylbenzene*	<0.050	0.050	08/30/2025	ND	1.82	90.9	2.00	6.89		
Total Xylenes*	<0.150	0.150	08/30/2025	ND	5.36	89.3	6.00	7.33		
Total BTEX	<0.300	0.300	08/30/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	09/02/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	197	98.6	200	0.263		
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	186	93.0	200	0.725		
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND						

Surrogate: 1-Chlorooctane 98.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 98.9 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received:	08/29/2025	Sampling Date:	08/26/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	WILLOW STATE #001 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	6-177	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: HA 3 - SURFACE (H255406-11)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/30/2025	ND	1.70	85.1	2.00	6.02		
Toluene*	<0.050	0.050	08/30/2025	ND	1.80	90.0	2.00	7.01		
Ethylbenzene*	<0.050	0.050	08/30/2025	ND	1.82	90.9	2.00	6.89		
Total Xylenes*	<0.150	0.150	08/30/2025	ND	5.36	89.3	6.00	7.33		
Total BTEX	<0.300	0.300	08/30/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/02/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	188	94.2	200	0.186		
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	192	96.0	200	1.14		
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND						

Surrogate: 1-Chlorooctane 98.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 102 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received:	08/29/2025	Sampling Date:	08/26/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	WILLOW STATE #001 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	6-177	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: HA 3 - 1' (H255406-12)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/30/2025	ND	1.70	85.1	2.00	6.02		
Toluene*	<0.050	0.050	08/30/2025	ND	1.80	90.0	2.00	7.01		
Ethylbenzene*	<0.050	0.050	08/30/2025	ND	1.82	90.9	2.00	6.89		
Total Xylenes*	<0.150	0.150	08/30/2025	ND	5.36	89.3	6.00	7.33		
Total BTEX	<0.300	0.300	08/30/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/02/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	188	94.2	200	0.186		
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	192	96.0	200	1.14		
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND						

Surrogate: 1-Chlorooctane 97.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 102 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received:	08/29/2025	Sampling Date:	08/26/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	WILLOW STATE #001 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	6-177	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: HA 3 - 2' (H255406-13)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/30/2025	ND	1.70	85.1	2.00	6.02		
Toluene*	<0.050	0.050	08/30/2025	ND	1.80	90.0	2.00	7.01		
Ethylbenzene*	<0.050	0.050	08/30/2025	ND	1.82	90.9	2.00	6.89		
Total Xylenes*	<0.150	0.150	08/30/2025	ND	5.36	89.3	6.00	7.33		
Total BTEX	<0.300	0.300	08/30/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/02/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	188	94.2	200	0.186		
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	192	96.0	200	1.14		
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND						

Surrogate: 1-Chlorooctane 94.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 95.9 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received:	08/29/2025	Sampling Date:	08/26/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	WILLOW STATE #001 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	6-177	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: HA 3 - 3' (H255406-14)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/30/2025	ND	1.70	85.1	2.00	6.02		
Toluene*	<0.050	0.050	08/30/2025	ND	1.80	90.0	2.00	7.01		
Ethylbenzene*	<0.050	0.050	08/30/2025	ND	1.82	90.9	2.00	6.89		
Total Xylenes*	<0.150	0.150	08/30/2025	ND	5.36	89.3	6.00	7.33		
Total BTEX	<0.300	0.300	08/30/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/02/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	188	94.2	200	0.186		
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	192	96.0	200	1.14		
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND						

Surrogate: 1-Chlorooctane 100 % 44.4-145

Surrogate: 1-Chlorooctadecane 105 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received:	08/29/2025	Sampling Date:	08/26/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	WILLOW STATE #001 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	6-177	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: HA 3 - 4' (H255406-15)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/30/2025	ND	1.70	85.1	2.00	6.02		
Toluene*	<0.050	0.050	08/30/2025	ND	1.80	90.0	2.00	7.01		
Ethylbenzene*	<0.050	0.050	08/30/2025	ND	1.82	90.9	2.00	6.89		
Total Xylenes*	<0.150	0.150	08/30/2025	ND	5.36	89.3	6.00	7.33		
Total BTEX	<0.300	0.300	08/30/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/02/2025	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	188	94.2	200	0.186		
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	192	96.0	200	1.14		
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND						

Surrogate: 1-Chlorooctane 101 % 44.4-145

Surrogate: 1-Chlorooctadecane 106 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received:	08/29/2025	Sampling Date:	08/26/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	WILLOW STATE #001 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	6-177	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: HA 4 - SURFACE (H255406-16)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/30/2025	ND	1.70	85.1	2.00	6.02		
Toluene*	<0.050	0.050	08/30/2025	ND	1.80	90.0	2.00	7.01		
Ethylbenzene*	<0.050	0.050	08/30/2025	ND	1.82	90.9	2.00	6.89		
Total Xylenes*	<0.150	0.150	08/30/2025	ND	5.36	89.3	6.00	7.33		
Total BTEX	<0.300	0.300	08/30/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/02/2025	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	188	94.2	200	0.186		
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	192	96.0	200	1.14		
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND						

Surrogate: 1-Chlorooctane 104 % 44.4-145

Surrogate: 1-Chlorooctadecane 105 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received:	08/29/2025	Sampling Date:	08/26/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	WILLOW STATE #001 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	6-177	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: HA 4 - 1' (H255406-17)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/30/2025	ND	1.70	85.1	2.00	6.02		
Toluene*	<0.050	0.050	08/30/2025	ND	1.80	90.0	2.00	7.01		
Ethylbenzene*	<0.050	0.050	08/30/2025	ND	1.82	90.9	2.00	6.89		
Total Xylenes*	<0.150	0.150	08/30/2025	ND	5.36	89.3	6.00	7.33		
Total BTEX	<0.300	0.300	08/30/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/02/2025	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	188	94.2	200	0.186		
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	192	96.0	200	1.14		
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND						

Surrogate: 1-Chlorooctane 102 % 44.4-145

Surrogate: 1-Chlorooctadecane 106 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received:	08/29/2025	Sampling Date:	08/26/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	WILLOW STATE #001 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	6-177	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: HA 4 - 2' (H255406-18)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/30/2025	ND	1.70	85.1	2.00	6.02		
Toluene*	<0.050	0.050	08/30/2025	ND	1.80	90.0	2.00	7.01		
Ethylbenzene*	<0.050	0.050	08/30/2025	ND	1.82	90.9	2.00	6.89		
Total Xylenes*	<0.150	0.150	08/30/2025	ND	5.36	89.3	6.00	7.33		
Total BTEX	<0.300	0.300	08/30/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/02/2025	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	188	94.2	200	0.186		
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	192	96.0	200	1.14		
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND						

Surrogate: 1-Chlorooctane 104 % 44.4-145

Surrogate: 1-Chlorooctadecane 109 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received:	08/29/2025	Sampling Date:	08/26/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	WILLOW STATE #001 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	6-177	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: HA 4 - 3' (H255406-19)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/30/2025	ND	1.70	85.1	2.00	6.02		
Toluene*	<0.050	0.050	08/30/2025	ND	1.80	90.0	2.00	7.01		
Ethylbenzene*	<0.050	0.050	08/30/2025	ND	1.82	90.9	2.00	6.89		
Total Xylenes*	<0.150	0.150	08/30/2025	ND	5.36	89.3	6.00	7.33		
Total BTEX	<0.300	0.300	08/30/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/02/2025	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	188	94.2	200	0.186		
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	192	96.0	200	1.14		
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND						

Surrogate: 1-Chlorooctane 102 % 44.4-145

Surrogate: 1-Chlorooctadecane 105 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received:	08/29/2025	Sampling Date:	08/26/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	WILLOW STATE #001 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	6-177	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: HA 4 - 4' (H255406-20)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/30/2025	ND	1.70	85.1	2.00	6.02		
Toluene*	<0.050	0.050	08/30/2025	ND	1.80	90.0	2.00	7.01		
Ethylbenzene*	<0.050	0.050	08/30/2025	ND	1.82	90.9	2.00	6.89		
Total Xylenes*	<0.150	0.150	08/30/2025	ND	5.36	89.3	6.00	7.33		
Total BTEX	<0.300	0.300	08/30/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/02/2025	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	188	94.2	200	0.186		
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	192	96.0	200	1.14		
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND						

Surrogate: 1-Chlorooctane 103 % 44.4-145

Surrogate: 1-Chlorooctadecane 105 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received:	08/29/2025	Sampling Date:	08/26/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	WILLOW STATE #001 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	6-177	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: HA 5 - SURFACE (H255406-21)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/31/2025	ND	1.70	85.1	2.00	6.02		
Toluene*	<0.050	0.050	08/31/2025	ND	1.80	90.0	2.00	7.01		
Ethylbenzene*	<0.050	0.050	08/31/2025	ND	1.82	90.9	2.00	6.89		
Total Xylenes*	<0.150	0.150	08/31/2025	ND	5.36	89.3	6.00	7.33		
Total BTEX	<0.300	0.300	08/31/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/02/2025	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	188	94.2	200	0.186		
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	192	96.0	200	1.14		
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND						

Surrogate: 1-Chlorooctane 103 % 44.4-145

Surrogate: 1-Chlorooctadecane 104 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received:	08/29/2025	Sampling Date:	08/26/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	WILLOW STATE #001 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	6-177	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: HA 5 - 1' (H255406-22)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/31/2025	ND	1.70	85.1	2.00	6.02		
Toluene*	<0.050	0.050	08/31/2025	ND	1.80	90.0	2.00	7.01		
Ethylbenzene*	<0.050	0.050	08/31/2025	ND	1.82	90.9	2.00	6.89		
Total Xylenes*	<0.150	0.150	08/31/2025	ND	5.36	89.3	6.00	7.33		
Total BTEX	<0.300	0.300	08/31/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	09/02/2025	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	188	94.2	200	0.186		
DRO >C10-C28*	84.6	10.0	08/29/2025	ND	192	96.0	200	1.14		
EXT DRO >C28-C36	62.6	10.0	08/29/2025	ND						

Surrogate: 1-Chlorooctane 109 % 44.4-145

Surrogate: 1-Chlorooctadecane 112 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received:	08/29/2025	Sampling Date:	08/26/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	WILLOW STATE #001 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	6-177	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: HA 5 - 2' (H255406-23)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/31/2025	ND	1.70	85.1	2.00	6.02		
Toluene*	<0.050	0.050	08/31/2025	ND	1.80	90.0	2.00	7.01		
Ethylbenzene*	<0.050	0.050	08/31/2025	ND	1.82	90.9	2.00	6.89		
Total Xylenes*	<0.150	0.150	08/31/2025	ND	5.36	89.3	6.00	7.33		
Total BTEX	<0.300	0.300	08/31/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/02/2025	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	188	94.2	200	0.186		
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	192	96.0	200	1.14		
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND						

Surrogate: 1-Chlorooctane 103 % 44.4-145

Surrogate: 1-Chlorooctadecane 106 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received:	08/29/2025	Sampling Date:	08/26/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	WILLOW STATE #001 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	6-177	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: HA 5 - 3' (H255406-24)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/31/2025	ND	1.70	85.1	2.00	6.02		
Toluene*	<0.050	0.050	08/31/2025	ND	1.80	90.0	2.00	7.01		
Ethylbenzene*	<0.050	0.050	08/31/2025	ND	1.82	90.9	2.00	6.89		
Total Xylenes*	<0.150	0.150	08/31/2025	ND	5.36	89.3	6.00	7.33		
Total BTEX	<0.300	0.300	08/31/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/02/2025	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	188	94.2	200	0.186		
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	192	96.0	200	1.14		
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND						

Surrogate: 1-Chlorooctane 104 % 44.4-145

Surrogate: 1-Chlorooctadecane 107 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received:	08/29/2025	Sampling Date:	08/26/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	WILLOW STATE #001 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	6-177	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: HA 5 - 4' (H255406-25)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/31/2025	ND	1.70	85.1	2.00	6.02		
Toluene*	<0.050	0.050	08/31/2025	ND	1.80	90.0	2.00	7.01		
Ethylbenzene*	<0.050	0.050	08/31/2025	ND	1.82	90.9	2.00	6.89		
Total Xylenes*	<0.150	0.150	08/31/2025	ND	5.36	89.3	6.00	7.33		
Total BTEX	<0.300	0.300	08/31/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/02/2025	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	188	94.2	200	0.186		
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	192	96.0	200	1.14		
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND						

Surrogate: 1-Chlorooctane 103 % 44.4-145

Surrogate: 1-Chlorooctadecane 105 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received:	08/29/2025	Sampling Date:	08/26/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	WILLOW STATE #001 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	6-177	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: HA 6 - SURFACE (H255406-26)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/31/2025	ND	1.70	85.1	2.00	6.02		
Toluene*	<0.050	0.050	08/31/2025	ND	1.80	90.0	2.00	7.01		
Ethylbenzene*	<0.050	0.050	08/31/2025	ND	1.82	90.9	2.00	6.89		
Total Xylenes*	<0.150	0.150	08/31/2025	ND	5.36	89.3	6.00	7.33		
Total BTEX	<0.300	0.300	08/31/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/02/2025	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	188	94.2	200	0.186		
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	192	96.0	200	1.14		
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND						

Surrogate: 1-Chlorooctane 101 % 44.4-145

Surrogate: 1-Chlorooctadecane 102 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received:	08/29/2025	Sampling Date:	08/26/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	WILLOW STATE #001 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	6-177	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: HA 6 - 1' (H255406-27)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/31/2025	ND	1.70	85.1	2.00	7.79		
Toluene*	<0.050	0.050	08/31/2025	ND	1.81	90.4	2.00	8.70		
Ethylbenzene*	<0.050	0.050	08/31/2025	ND	1.82	91.0	2.00	8.70		
Total Xylenes*	<0.150	0.150	08/31/2025	ND	5.36	89.4	6.00	9.14		
Total BTEX	<0.300	0.300	08/31/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	09/02/2025	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	188	94.2	200	0.186		
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	192	96.0	200	1.14		
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND						

Surrogate: 1-Chlorooctane 103 % 44.4-145

Surrogate: 1-Chlorooctadecane 107 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received:	08/29/2025	Sampling Date:	08/26/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	WILLOW STATE #001 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	6-177	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: HA 6 - 2' (H255406-28)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/31/2025	ND	1.70	85.1	2.00	7.79		
Toluene*	<0.050	0.050	08/31/2025	ND	1.81	90.4	2.00	8.70		
Ethylbenzene*	<0.050	0.050	08/31/2025	ND	1.82	91.0	2.00	8.70		
Total Xylenes*	<0.150	0.150	08/31/2025	ND	5.36	89.4	6.00	9.14		
Total BTEX	<0.300	0.300	08/31/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/02/2025	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	188	94.2	200	0.186		
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	192	96.0	200	1.14		
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND						

Surrogate: 1-Chlorooctane 101 % 44.4-145

Surrogate: 1-Chlorooctadecane 103 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received:	08/29/2025	Sampling Date:	08/26/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	WILLOW STATE #001 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	6-177	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: HA 6 - 3' (H255406-29)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/31/2025	ND	1.70	85.1	2.00	7.79		
Toluene*	<0.050	0.050	08/31/2025	ND	1.81	90.4	2.00	8.70		
Ethylbenzene*	<0.050	0.050	08/31/2025	ND	1.82	91.0	2.00	8.70		
Total Xylenes*	<0.150	0.150	08/31/2025	ND	5.36	89.4	6.00	9.14		
Total BTEX	<0.300	0.300	08/31/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	09/02/2025	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	188	94.2	200	0.186		
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	192	96.0	200	1.14		
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND						

Surrogate: 1-Chlorooctane 104 % 44.4-145

Surrogate: 1-Chlorooctadecane 104 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received:	08/29/2025	Sampling Date:	08/26/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	WILLOW STATE #001 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	6-177	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: HA 6 - 4' (H255406-30)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/31/2025	ND	1.70	85.1	2.00	7.79		
Toluene*	<0.050	0.050	08/31/2025	ND	1.81	90.4	2.00	8.70		
Ethylbenzene*	<0.050	0.050	08/31/2025	ND	1.82	91.0	2.00	8.70		
Total Xylenes*	<0.150	0.150	08/31/2025	ND	5.36	89.4	6.00	9.14		
Total BTEX	<0.300	0.300	08/31/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/02/2025	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	188	94.2	200	0.186		
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	192	96.0	200	1.14		
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND						

Surrogate: 1-Chlorooctane 104 % 44.4-145

Surrogate: 1-Chlorooctadecane 103 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received:	08/29/2025	Sampling Date:	08/26/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	WILLOW STATE #001 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	6-177	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: HA 7 - SURFACE (H255406-31)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/31/2025	ND	1.70	85.1	2.00	7.79		
Toluene*	<0.050	0.050	08/31/2025	ND	1.81	90.4	2.00	8.70		
Ethylbenzene*	<0.050	0.050	08/31/2025	ND	1.82	91.0	2.00	8.70		
Total Xylenes*	<0.150	0.150	08/31/2025	ND	5.36	89.4	6.00	9.14		
Total BTEX	<0.300	0.300	08/31/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/02/2025	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	223	112	200	1.44		
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	175	87.3	200	0.472		
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND						

Surrogate: 1-Chlorooctane 89.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.9 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received:	08/29/2025	Sampling Date:	08/26/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	WILLOW STATE #001 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	6-177	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: HA 7 - 1' (H255406-32)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/31/2025	ND	1.70	85.1	2.00	7.79		
Toluene*	<0.050	0.050	08/31/2025	ND	1.81	90.4	2.00	8.70		
Ethylbenzene*	<0.050	0.050	08/31/2025	ND	1.82	91.0	2.00	8.70		
Total Xylenes*	<0.150	0.150	08/31/2025	ND	5.36	89.4	6.00	9.14		
Total BTEX	<0.300	0.300	08/31/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/02/2025	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	223	112	200	1.44		
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	175	87.3	200	0.472		
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND						

Surrogate: 1-Chlorooctane 89.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.5 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received:	08/29/2025	Sampling Date:	08/26/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	WILLOW STATE #001 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	6-177	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: HA 7 - 2' (H255406-33)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/31/2025	ND	1.70	85.1	2.00	7.79		
Toluene*	<0.050	0.050	08/31/2025	ND	1.81	90.4	2.00	8.70		
Ethylbenzene*	<0.050	0.050	08/31/2025	ND	1.82	91.0	2.00	8.70		
Total Xylenes*	<0.150	0.150	08/31/2025	ND	5.36	89.4	6.00	9.14		
Total BTEX	<0.300	0.300	08/31/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/02/2025	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	223	112	200	1.44		
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	175	87.3	200	0.472		
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND						

Surrogate: 1-Chlorooctane 87.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 80.5 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received:	08/29/2025	Sampling Date:	08/26/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	WILLOW STATE #001 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	6-177	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: HA 7 - 3' (H255406-34)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/31/2025	ND	1.70	85.1	2.00	7.79		
Toluene*	<0.050	0.050	08/31/2025	ND	1.81	90.4	2.00	8.70		
Ethylbenzene*	<0.050	0.050	08/31/2025	ND	1.82	91.0	2.00	8.70		
Total Xylenes*	<0.150	0.150	08/31/2025	ND	5.36	89.4	6.00	9.14		
Total BTEX	<0.300	0.300	08/31/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/02/2025	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	223	112	200	1.44		
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	175	87.3	200	0.472		
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND						

Surrogate: 1-Chlorooctane 89.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.0 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received:	08/29/2025	Sampling Date:	08/26/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	WILLOW STATE #001 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	6-177	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: HA 7 - 4' (H255406-35)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/31/2025	ND	1.70	85.1	2.00	7.79		
Toluene*	<0.050	0.050	08/31/2025	ND	1.81	90.4	2.00	8.70		
Ethylbenzene*	<0.050	0.050	08/31/2025	ND	1.82	91.0	2.00	8.70		
Total Xylenes*	<0.150	0.150	08/31/2025	ND	5.36	89.4	6.00	9.14		
Total BTEX	<0.300	0.300	08/31/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/02/2025	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	223	112	200	1.44		
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	175	87.3	200	0.472		
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND						

Surrogate: 1-Chlorooctane 92.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 83.7 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received:	08/29/2025	Sampling Date:	08/26/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	WILLOW STATE #001 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	6-177	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: HA 8 - SURFACE (H255406-36)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/31/2025	ND	1.70	85.1	2.00	7.79		
Toluene*	<0.050	0.050	08/31/2025	ND	1.81	90.4	2.00	8.70		
Ethylbenzene*	<0.050	0.050	08/31/2025	ND	1.82	91.0	2.00	8.70		
Total Xylenes*	<0.150	0.150	08/31/2025	ND	5.36	89.4	6.00	9.14		
Total BTEX	<0.300	0.300	08/31/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/02/2025	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	223	112	200	1.44		
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	175	87.3	200	0.472		
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND						

Surrogate: 1-Chlorooctane 92.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 84.4 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received:	08/29/2025	Sampling Date:	08/26/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	WILLOW STATE #001 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	6-177	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: HA 8 - 1' (H255406-37)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/31/2025	ND	1.70	85.1	2.00	7.79		
Toluene*	<0.050	0.050	08/31/2025	ND	1.81	90.4	2.00	8.70		
Ethylbenzene*	<0.050	0.050	08/31/2025	ND	1.82	91.0	2.00	8.70		
Total Xylenes*	<0.150	0.150	08/31/2025	ND	5.36	89.4	6.00	9.14		
Total BTEX	<0.300	0.300	08/31/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/02/2025	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	223	112	200	1.44		
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	175	87.3	200	0.472		
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND						

Surrogate: 1-Chlorooctane 91.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 83.9 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received:	08/29/2025	Sampling Date:	08/26/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	WILLOW STATE #001 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	6-177	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: HA 8 - 2' (H255406-38)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/31/2025	ND	1.70	85.1	2.00	7.79		
Toluene*	<0.050	0.050	08/31/2025	ND	1.81	90.4	2.00	8.70		
Ethylbenzene*	<0.050	0.050	08/31/2025	ND	1.82	91.0	2.00	8.70		
Total Xylenes*	<0.150	0.150	08/31/2025	ND	5.36	89.4	6.00	9.14		
Total BTEX	<0.300	0.300	08/31/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/02/2025	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	223	112	200	1.44		
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	175	87.3	200	0.472		
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND						

Surrogate: 1-Chlorooctane 84.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 76.6 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received:	08/29/2025	Sampling Date:	08/26/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	WILLOW STATE #001 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	6-177	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: HA 8 - 3' (H255406-39)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/31/2025	ND	1.70	85.1	2.00	7.79		
Toluene*	<0.050	0.050	08/31/2025	ND	1.81	90.4	2.00	8.70		
Ethylbenzene*	<0.050	0.050	08/31/2025	ND	1.82	91.0	2.00	8.70		
Total Xylenes*	<0.150	0.150	08/31/2025	ND	5.36	89.4	6.00	9.14		
Total BTEX	<0.300	0.300	08/31/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/02/2025	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	223	112	200	1.44		
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	175	87.3	200	0.472		
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND						

Surrogate: 1-Chlorooctane 93.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 86.0 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received:	08/29/2025	Sampling Date:	08/26/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	WILLOW STATE #001 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	6-177	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: HA 8 - 4' (H255406-40)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/31/2025	ND	1.70	85.1	2.00	7.79		
Toluene*	<0.050	0.050	08/31/2025	ND	1.81	90.4	2.00	8.70		
Ethylbenzene*	<0.050	0.050	08/31/2025	ND	1.82	91.0	2.00	8.70		
Total Xylenes*	<0.150	0.150	08/31/2025	ND	5.36	89.4	6.00	9.14		
Total BTEX	<0.300	0.300	08/31/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/02/2025	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	223	112	200	1.44		
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	175	87.3	200	0.472		
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND						

Surrogate: 1-Chlorooctane 93.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 86.1 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received:	08/29/2025	Sampling Date:	08/26/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	WILLOW STATE #001 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	6-177	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: HA 9 - SURFACE (H255406-41)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2025	ND	1.70	85.1	2.00	7.79	
Toluene*	<0.050	0.050	08/31/2025	ND	1.81	90.4	2.00	8.70	
Ethylbenzene*	<0.050	0.050	08/31/2025	ND	1.82	91.0	2.00	8.70	
Total Xylenes*	<0.150	0.150	08/31/2025	ND	5.36	89.4	6.00	9.14	
Total BTEX	<0.300	0.300	08/31/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/02/2025	ND	448	112	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	223	112	200	1.44	
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	175	87.3	200	0.472	
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND					

Surrogate: 1-Chlorooctane 88.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.9 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received:	08/29/2025	Sampling Date:	08/26/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	WILLOW STATE #001 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	6-177	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: HA 9 - 1' (H255406-42)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2025	ND	1.70	85.1	2.00	7.79	
Toluene*	<0.050	0.050	08/31/2025	ND	1.81	90.4	2.00	8.70	
Ethylbenzene*	<0.050	0.050	08/31/2025	ND	1.82	91.0	2.00	8.70	
Total Xylenes*	<0.150	0.150	08/31/2025	ND	5.36	89.4	6.00	9.14	
Total BTEX	<0.300	0.300	08/31/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	09/02/2025	ND	448	112	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	223	112	200	1.44	
DRO >C10-C28*	231	10.0	08/29/2025	ND	175	87.3	200	0.472	
EXT DRO >C28-C36	91.8	10.0	08/29/2025	ND					

Surrogate: 1-Chlorooctane 90.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 94.4 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received:	08/29/2025	Sampling Date:	08/26/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	WILLOW STATE #001 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	6-177	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: HA 9 - 2' (H255406-43)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/31/2025	ND	1.70	85.1	2.00	7.79		
Toluene*	<0.050	0.050	08/31/2025	ND	1.81	90.4	2.00	8.70		
Ethylbenzene*	<0.050	0.050	08/31/2025	ND	1.82	91.0	2.00	8.70		
Total Xylenes*	<0.150	0.150	08/31/2025	ND	5.36	89.4	6.00	9.14		
Total BTEX	<0.300	0.300	08/31/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	09/02/2025	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	223	112	200	1.44		
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	175	87.3	200	0.472		
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND						

Surrogate: 1-Chlorooctane 90.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 86.9 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received:	08/29/2025	Sampling Date:	08/26/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	WILLOW STATE #001 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	6-177	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: HA 9 - 3' (H255406-44)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/31/2025	ND	1.70	85.1	2.00	7.79		
Toluene*	<0.050	0.050	08/31/2025	ND	1.81	90.4	2.00	8.70		
Ethylbenzene*	<0.050	0.050	08/31/2025	ND	1.82	91.0	2.00	8.70		
Total Xylenes*	<0.150	0.150	08/31/2025	ND	5.36	89.4	6.00	9.14		
Total BTEX	<0.300	0.300	08/31/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	09/02/2025	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	223	112	200	1.44		
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	175	87.3	200	0.472		
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND						

Surrogate: 1-Chlorooctane 88.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 85.2 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received:	08/29/2025	Sampling Date:	08/26/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	WILLOW STATE #001 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	6-177	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: HA 9 - 4' (H255406-45)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/31/2025	ND	1.70	85.1	2.00	7.79		
Toluene*	<0.050	0.050	08/31/2025	ND	1.81	90.4	2.00	8.70		
Ethylbenzene*	<0.050	0.050	08/31/2025	ND	1.82	91.0	2.00	8.70		
Total Xylenes*	<0.150	0.150	08/31/2025	ND	5.36	89.4	6.00	9.14		
Total BTEX	<0.300	0.300	08/31/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	09/02/2025	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	223	112	200	1.44		
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	175	87.3	200	0.472		
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND						

Surrogate: 1-Chlorooctane 91.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 87.0 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received:	08/29/2025	Sampling Date:	08/26/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	WILLOW STATE #001 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	6-177	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: HA 10 - SURFACE (H255406-46)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/31/2025	ND	1.70	85.1	2.00	7.79		
Toluene*	<0.050	0.050	08/31/2025	ND	1.81	90.4	2.00	8.70		
Ethylbenzene*	<0.050	0.050	08/31/2025	ND	1.82	91.0	2.00	8.70		
Total Xylenes*	<0.150	0.150	08/31/2025	ND	5.36	89.4	6.00	9.14		
Total BTEX	<0.300	0.300	08/31/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/02/2025	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	223	112	200	1.44		
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	175	87.3	200	0.472		
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND						

Surrogate: 1-Chlorooctane 91.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 87.1 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received:	08/29/2025	Sampling Date:	08/26/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	WILLOW STATE #001 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	6-177	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: HA 10 - 1' (H255406-47)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/02/2025	ND	1.66	82.8	2.00	7.78		
Toluene*	<0.050	0.050	09/02/2025	ND	1.75	87.6	2.00	8.23		
Ethylbenzene*	<0.050	0.050	09/02/2025	ND	1.78	88.9	2.00	9.08		
Total Xylenes*	<0.150	0.150	09/02/2025	ND	5.27	87.8	6.00	9.40		
Total BTEX	<0.300	0.300	09/02/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/02/2025	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	223	112	200	1.44		
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	175	87.3	200	0.472		
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND						

Surrogate: 1-Chlorooctane 87.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 83.1 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received:	08/29/2025	Sampling Date:	08/26/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	WILLOW STATE #001 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	6-177	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: HA 10 - 2' (H255406-48)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/02/2025	ND	1.66	82.8	2.00	7.78		
Toluene*	<0.050	0.050	09/02/2025	ND	1.75	87.6	2.00	8.23		
Ethylbenzene*	<0.050	0.050	09/02/2025	ND	1.78	88.9	2.00	9.08		
Total Xylenes*	<0.150	0.150	09/02/2025	ND	5.27	87.8	6.00	9.40		
Total BTEX	<0.300	0.300	09/02/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/02/2025	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	223	112	200	1.44		
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	175	87.3	200	0.472		
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND						

Surrogate: 1-Chlorooctane 89.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 85.5 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received:	08/29/2025	Sampling Date:	08/26/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	WILLOW STATE #001 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	6-177	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: HA 10 - 3' (H255406-49)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/02/2025	ND	1.66	82.8	2.00	7.78		
Toluene*	<0.050	0.050	09/02/2025	ND	1.75	87.6	2.00	8.23		
Ethylbenzene*	<0.050	0.050	09/02/2025	ND	1.78	88.9	2.00	9.08		
Total Xylenes*	<0.150	0.150	09/02/2025	ND	5.27	87.8	6.00	9.40		
Total BTEX	<0.300	0.300	09/02/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/02/2025	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	223	112	200	1.44		
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	175	87.3	200	0.472		
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND						

Surrogate: 1-Chlorooctane 92.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 86.9 % 40.6-153

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Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received:	08/29/2025	Sampling Date:	08/26/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	WILLOW STATE #001 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	6-177	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: HA 10 - 4' (H255406-50)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2025	ND	1.66	82.8	2.00	7.78	
Toluene*	<0.050	0.050	09/02/2025	ND	1.75	87.6	2.00	8.23	
Ethylbenzene*	<0.050	0.050	09/02/2025	ND	1.78	88.9	2.00	9.08	
Total Xylenes*	<0.150	0.150	09/02/2025	ND	5.27	87.8	6.00	9.40	
Total BTEX	<0.300	0.300	09/02/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/02/2025	ND	448	112	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	223	112	200	1.44	
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	175	87.3	200	0.472	
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND					

Surrogate: 1-Chlorooctane 92.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 87.2 % 40.6-153

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Notes and Definitions

- BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: PIMA ENVIRONMENTAL		BILL TO		ANALYSIS REQUEST																	
Project Manager: Sebastian Orozco		P.O. #:		BTEX CHLORIDES TPH																	
Address: 5614 North Lovington HWY		Company: SPUR																			
City: Hobbs State: NM Zip: 88240		Attn:																			
Phone #: (619) 721-4813		Address:																			
Project #: 6-177 Project Owner: SPUR		City:																			
Project Name: Willow State #001 Battery		State: Zip:																			
Project Location: Eddy County		Phone #:																			
Sampler Name: Marlon Garcia		Fax #:																			
FOR LAB USE ONLY																					
Lab I.D.	Sample I.D.	(GRAB OR COMP # CONTAINERS)	MATRIX		GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	DATE	TIME						
Hassuya	HA1-SURFACE	G				X				X			8/26/25	8:00	X	X	X				
1	HA1-1'	G				X				X				8:07	X	X	X				
2	HA1-2'	G				X				X				8:12	X	X	X				
3	HA1-3'	G				X				X				8:17	X	X	X				
4	HA1-4'	G				X				X				8:20	X	X	X				
5	HA2-SURFACE	G				X				X				8:24	X	X	X				
6	HA2-1'	G				X				X				8:27	X	X	X				
7	HA2-2'	G				X				X				8:33	X	X	X				
8	HA2-3'	G				X				X				8:39	X	X	X				
9	HA2-4'	G				X				X				8:41	X	X	X				

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Relinquished By: <i>Marlon Garcia</i>	Date: <i>8/29/25</i>	Received By: <i>Supenas</i>	Phone Result: Yes <input type="checkbox"/> No <input type="checkbox"/>	Add'l Phone #:
	Time: <i>9:53</i>		Fax Result: Yes <input type="checkbox"/> No <input type="checkbox"/>	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS: STANDARD	
	Time:		Cost Center- Minor Major	
Delivered By: (Circle One) <i>7.8</i>	Sample Condition Cool	CHECKED BY: (Initials) <i>AD</i>	Sebastian@pimaoil.com	
Sampler - UPS - Bus - Other: <i>7.5</i>	Intact Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Natalie@pimaoil.com	

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: PIMA ENVIRONMENTAL				BILL TO				ANALYSIS REQUEST																									
Project Manager: Sebastian Orozco				P.O. #:				BTEX	CHLORIDES	TPH																							
Address: 5614 North Lovington HWY				Company: SPUR																													
City: Hobbs State: NM Zip: 88240				Attn:																													
Phone #: (519) 721- 4813				Address:																													
Project #: 6-177 Project Owner: SPUR				City:																													
Project Name: Willow State #001 Battery				State: Zip:																													
Project Location: Eddy County				Phone #:																													
Sampler Name: Marlon Garcia				Fax #:																													
FOR LAB USE ONLY																																	
Lab I.D.		Sample I.D.		# CONTAINERS		MATRIX					PRESERV.		SAMPLING																				
				GROUNDWATER		WASTEWATER		SOIL		SLUDGE		OTHER		ACID/BASE		ICE / COOL		OTHER		DATE		TIME											
H25540				G		X						X		✓		8/26/25		10:11						X X X									
31		HA7-SURFACE		G		X						X						10:17															
32		HA7-1'		G		X						X						10:22															
33		HA7-2'		G		X						X						10:27															
34		HA7-3'		G		X						X						10:32															
35		HA7-4'		G		X						X						10:37															
36		HA8-SURFACE		G		X						X						10:44															
37		HA8-1'		G		X						X						10:49															
38		HA8-2'		G		X						X						10:52															
39		HA8-3'		G		X						X						10:55															
40		HA8-4'		G		X						X																					

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Relinquished By: Marlon G	Date: 8-20-25 Time: 0530	Received By: Adrian	Phone Result: Yes <input type="checkbox"/> No <input type="checkbox"/> Fax Result: Yes <input type="checkbox"/> No <input type="checkbox"/>	Add'l Phone #: Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS: STANDARD	
Delivered By: (Circle One) -7.8' / C40.3' / #140	Sampler - UPS - Bus - Other: -7.5' / #140	Sample Condition Cool Intact: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Cost Center- Minor Major	
		CHECKED BY: (Initials) LG	Sebastian@pimaoil.com Natalie@pimaoil.com	

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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 600652

QUESTIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 600652
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2118847775
Incident Name	NAPP2118847775 WILLOW STATE #001 TANK BATTERY @ 30-015-28880
Incident Type	Produced Water Release
Incident Status	Remediation Plan Received
Incident Well	[30-015-28880] WILLOW STATE #001

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	WILLOW STATE #001 TANK BATTERY
Date Release Discovered	06/17/2021
Surface Owner	State

Incident Details	
<i>Please answer all the questions in this group.</i>	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Flow Line - Production Produced Water Released: 98 BBL Recovered: 0 BBL Lost: 98 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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**State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
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Santa Fe, NM 87505**

QUESTIONS, Page 2

Action 600652

QUESTIONS (continued)

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 600652
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	<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: Katherine Purvis Title: EHS Coordinator Email: katherine.purvis@spurenergy.com Date: 06/30/2026
--	---

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Energy, Minerals and Natural Resources
Oil Conservation Division
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QUESTIONS, Page 3

Action 600652

QUESTIONS (continued)

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 600652
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

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 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 1/2 and 1 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1/2 and 1 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 500 and 1000 (ft.)
Any other fresh water well or spring	Between 500 and 1000 (ft.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 500 and 1000 (ft.)
A wetland	Between 500 and 1000 (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	Low
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan

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	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	400
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	323
GRO+DRO (EPA SW-846 Method 8015M)	85
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

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.

On what estimated date will the remediation commence	07/15/2026
On what date will (or did) the final sampling or liner inspection occur	07/31/2026
On what date will (or was) the remediation complete(d)	08/15/2026
What is the estimated surface area (in square feet) that will be reclaimed	8200
What is the estimated volume (in cubic yards) that will be reclaimed	1215
What is the estimated surface area (in square feet) that will be remediated	8200
What is the estimated volume (in cubic yards) that will be remediated	1215

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 600652

QUESTIONS (continued)

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 600652
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

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.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	fEEM0112342028 LEA LAND LANDFILL
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

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: Katherine Purvis Title: EHS Coordinator Email: katherine.purvis@spurenergy.com Date: 06/30/2026
--	---

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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Santa Fe, NM 87505

QUESTIONS, Page 5

Action 600652

QUESTIONS (continued)

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 600652
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Deferral Requests Only	
<i>Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 6

Action 600652

QUESTIONS (continued)

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 600652
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	513053
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/10/2025
What was the (estimated) number of samples that were to be gathered	15
What was the sampling surface area in square feet	600

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	No
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CONDITIONS

Action 600652

CONDITIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 600652
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	The Remediation Plan is Conditionally Approved. This is an old legacy release that occurred in June of 2021. Sampling to a depth of 4 feet is not sufficient to verify chlorides. Chlorides most likely moved down the soil column over the years. The OCD requests a deeper soil investigation to ensure chlorides are not present. Please collect confirmation samples, representing no more than 200 ft2. All samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. Floor confirmation samples should be delineated/excavated to meet closure criteria standards from Table 1 of the OCD Spill Rule for site assessment/characterization/depth to water determination. Sidewall/edge samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. Please make sure that the edge of the release extent is accurately defined, especially around equipment/pipelines.	6/30/2026