

BELL LAKE 19 STATE 3

OCD INCIDENT NTO1417636911

6/25/2014

Spill Volume(Bbls) Calculator	
<i>Inputs in blue, Outputs in red</i>	
Contaminated Soil measurement	
Area (sq feet)	Depth (in)
<u>0.00</u>	<u>0.00</u>
Cubic Feet of Soil Impacted	<u>0.00</u>
Barrels of Soil Impacted	<u>0.00</u>
Soil Type	Clay/Sand
Barrels of Oil Assuming 100% Saturation	<u>0.00</u>
Saturation	Fluid present with shovel/backhoe
Estimated Barrels of Oil Released	0.00
Free Standing Fluid Only	
Area (sq feet)	Depth (inches))
<u>8,600.00</u>	<u>0.236</u>
Standing fluid	<u>30.08</u>
Total fluids spilled	<u>30.08</u>



SITE ASSESSMENT & CLOSURE REPORT

Devon Energy
Bell Lake 19 State 3H
Incident ID: NTO1417636911

Prepared By:
Pima Environmental Services, LLC.

Prepared For:
Devon Energy Production, LP

AUGUST 28, 2024
PIMA ENVIRONMENTAL SERVICES, LLC.
5614 N Lovington Hwy, Hobbs, NM 88240

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



August 28, 2024

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

Re: Site Assessment, and Closure Report
Bell Lake 19 State 3H
API No. 30-025-41516
GPS: Latitude 32.1964722 Longitude -103.6089478
UL –O Section 19, T24S, R33E
Lea County, NM
NMOCD Ref. No. NT01417636911

Pima Environmental Services, LLC. (Pima) has been contracted by Devon Energy Production Company, LP (Devon) to perform a spill assessment and submit this closure report for a produced water release that occurred at the Bell Lake 19 State 3H (Bell Lake). The initial C-141 was submitted on July 4, 2014 (Appendix C). This incident was assigned Incident ID NTO1417636911 by the New Mexico Oil Conservation Division (NMOCD).

Site Characterization

The Bell Lake is located approximately twenty-five (25) miles northwest of Jal, NM. This spill site is in Unit O, Section 19, Township 24S, Range 33E, Latitude 32.1964722 Longitude -103.6089478, Lea County, NM. Figure 1 references a Location Map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is made up of Interlayered eolian and piedmont deposits 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. The soil in this area is made up of Berino-Cacique loamy fine sands association, according to the United States Department of Agriculture Natural Resources Conservation Service soil survey (Appendix B). The drainage class in this area is well drained. There is a low potential for karst geology to be present around the Bell Lake (Figure 3).

According to the New Mexico Office of the State Engineer, depth to the nearest groundwater in this area is greater than 55 feet below grade surface (BGS). According to the United States Geological Survey (USGS), the nearest groundwater is 97.35 feet BGS. The groundwater information from C-04768 POD 1, which is approximately .03 feet northeast of the release area, establishes a lack of groundwater at 55' BGS. This POD was drilled and recorded by Vision Resources on December 13, 2023. The well bore was left open for the required 72-hour time frame then checked for saturation. No saturation or water-bearing soil was encountered, the well was then plugged on December 16, 2023. Depth to groundwater at the Bell Lake will be classified as 51-100' BGS. The closest waterway is a Salt Playa located approximately 13.18 miles to the northeast of this location. See Appendix A for referenced water surveys.

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

NT01417636911: On June 19, 2014, Solids control cuttings bin overflowed causing a spill. The released fluids were calculated to be approximately 30 barrels (bbls) of produced water. A vacuum truck was able to recover all 30 bbls of standing fluid.

Remediation Activities, Site Assessment, and Soil Sampling Results

On February 6, 2023, Pima mobilized personnel to the site to begin collecting soil samples from the spill area. The laboratory results of this sampling event can be found in the following data table. An Initial Site Map can be found in Figure 4.

2-6-23 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
DEVON ENERGY - BELL LAKE 19 ST 3H								
Sample Date: 2/6/2023		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
S-1	1'	ND	ND	ND	ND	ND	0	862
	3'	ND	ND	ND	ND	ND	0	920
	4'	ND	ND	ND	ND	ND	0	ND
S-2	1'	ND	ND	ND	ND	ND	0	1830
	3'	ND	ND	ND	ND	ND	0	830
	4'	ND	ND	ND	ND	ND	0	ND
S-3	1'	ND	ND	ND	ND	ND	0	1920
	3'	ND	ND	ND	ND	ND	0	907
	4'	ND	ND	ND	ND	ND	0	ND
SW 1	6"	ND	ND	ND	ND	ND	0	ND
SW 2	6"	ND	ND	ND	ND	ND	0	ND
SW 3	6"	ND	ND	ND	ND	ND	0	ND
SW 4	6"	ND	ND	ND	ND	ND	0	ND
BG 1	6"	ND	ND	ND	ND	ND	0	ND

ND- Analyte Not Detected

Complete laboratory reports can be found in Appendix E.

Countermeasures Due to Rejection (301790)

On January 18, 2024, the NMOCD denied the remediation closure report citing:

"The OCD has rejected the submitted Application for administrative approval of a release notification and corrective action (C-141), for the incident ID (n#) NTO1417636911 for the following reasons:

- Horizontal delineation must meet the requirements of the reclamation standards 19.15.29.13 NMAC (600 mg/kg Cl, 100 mg/kg TPH, 50 mg/kg benzene) or OCD approved "background" values for the upper 4 feet of the impacted area. Confirmation soil samples must consist of five-point composite samples from the side wall and base individual grab samples from any wet or discolored areas, representing a surface area of no more than 200 ft² unless otherwise approved. Submitted report did not include documentation of sampling notification. Submit a report via the OCD permitting portal by April 19, 2024.

On August 15, 2024, in response to the rejected closure report, a Pima field technician was dispatched to the Bell Lake to conduct a confirmation sampling event, after submitting a 48-hour sampling notification (Appendix C). Three bottom samples labeled CS1-CS3 were collected at surface, 1', 2', 3', and 4' of the impacted areas. Four 5-point composite sidewall samples from 0', 1', 2', 3', 4' BGS labeled CSW1-CSW4 were collected. Each sample represented a surface area of no more than 200 ft². The laboratory results of this sampling event can be found in the following data table. A Confirmation Sample Map can be found in Figure 5.



8-15-2024 Confirmation Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
DEVON ENERGY Bell Lake 19 State #3H								
Date: 8-15-2024		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzen e mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
CS1	0'	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	ND
	2'	0.153	ND	ND	ND	ND	0.153	ND
	3'	0.856	ND	22.2	ND	ND	23.056	ND
	4'	1.17	ND	32.1	ND	ND	33.27	ND
CS2	0'	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	ND
	2'	0.444	ND	ND	ND	ND	0.444	ND
	3'	0.087	ND	ND	ND	ND	0.087	ND
	4'	0.648	ND	ND	ND	ND	0.648	ND
CS3	0'	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'	0.103	ND	ND	ND	ND	0.103	ND
CSW1	0-4' Comp	ND	ND	ND	ND	ND	0	ND
CSW2	0-4' Comp	ND	ND	ND	ND	ND	0	ND
CSW3	0-4' Comp	ND	ND	ND	ND	ND	0	ND
CSW4	0-4' Comp	ND	ND	ND	ND	ND	0	ND

ND- Analyte Not Detected

Complete laboratory reports can be found in Appendix E.

Based on the sample results, the bottoms and sidewalls were below NMOCD Closure Criteria 19.15.29 NMAC. See Appendix D for Photographic Documentation.

Closure Request

After careful review, Pima requests that this incident, NTO1417636911, be closed. Devon has complied with the applicable closure requirements set forth in rule 19.15.19.12 NMAC.

Should you have any questions or need additional information, please feel free to contact DelRae Geller at 806-724-5391 or delrae@pimaoil.com.

Respectfully,

DelRae Geller

DelRae Geller
Project Manager
Pima Environmental Services, LLC.

Bell Lake 19 State 3H | Devon Energy

5614 N Lovington Hwy
Hobbs, NM 88240
575-964-7740

Attachments

Figures:

- 1- Location Map
- 2- Topographic Map
- 3- Karst Map
- 4- Initial Site Map
- 5- Confirmation Sample Map

Appendices:

- Appendix A – Referenced Water Surveys
- Appendix B – Soil Survey and Geological Data
- Appendix C – 48-Hour Sampling Notification
- Appendix D – Photographic Documentation
- Appendix E – Laboratory Reports



Pima Environmental Services

Figures:

1-Location Map

2-Topographic Map

3-Karst Map



4-Initial Site Map

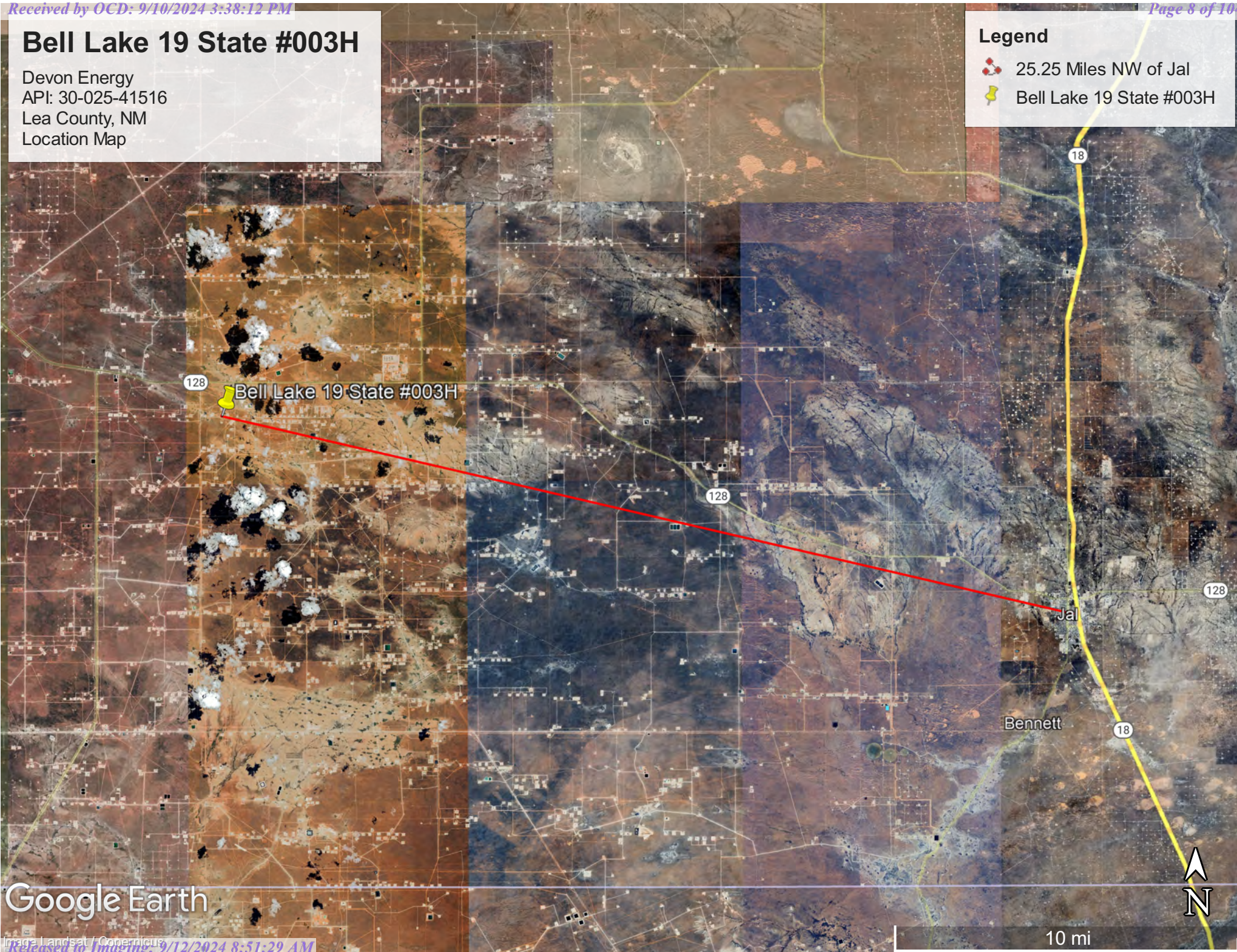
5-Confirmation Sample Map

Bell Lake 19 State #003H

Devon Energy
API: 30-025-41516
Lea County, NM
Location Map

Legend

-  25.25 Miles NW of Jal
-  Bell Lake 19 State #003H



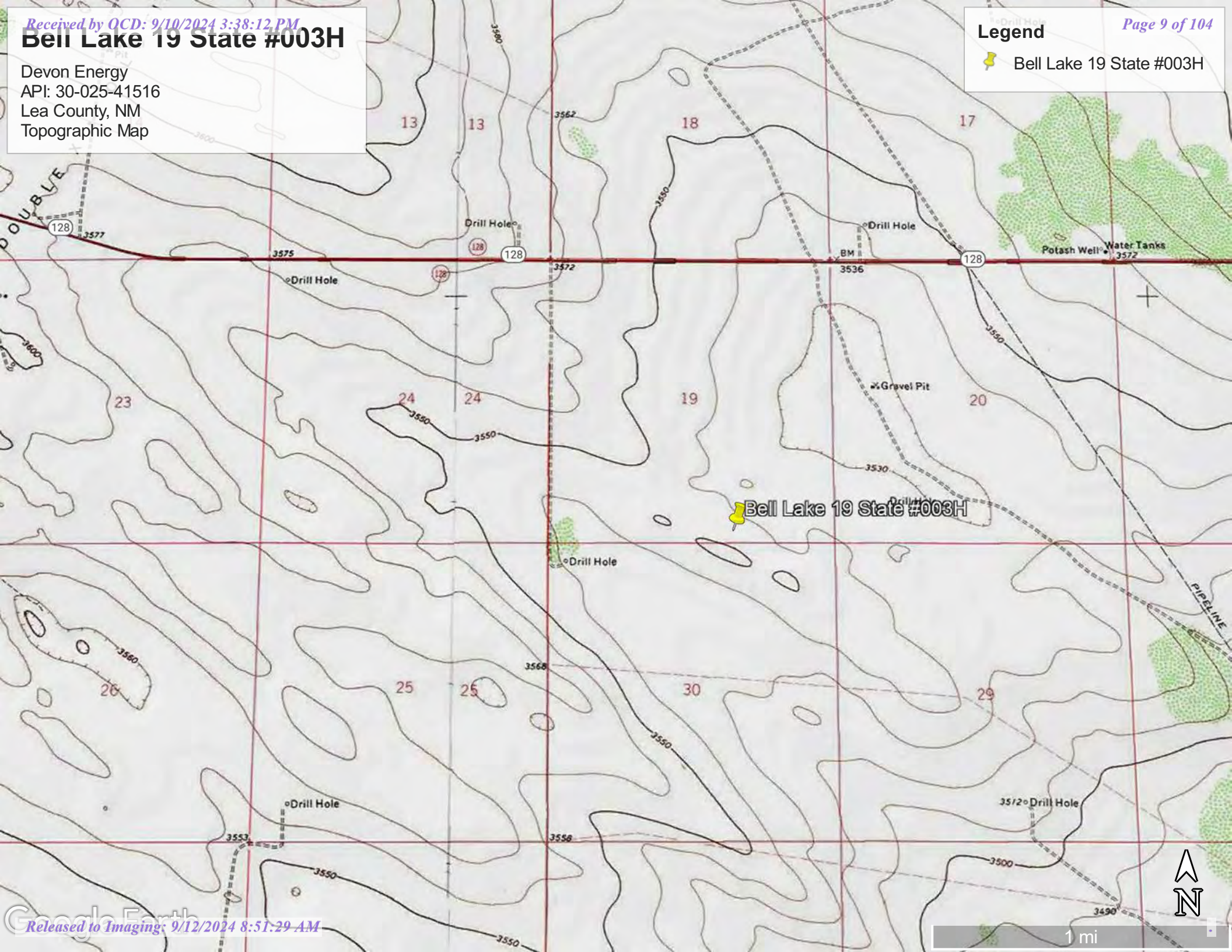
Google Earth

Bell Lake 19 State #003H

Devon Energy
API: 30-025-41516
Lea County, NM
Topographic Map

Legend

 Bell Lake 19 State #003H




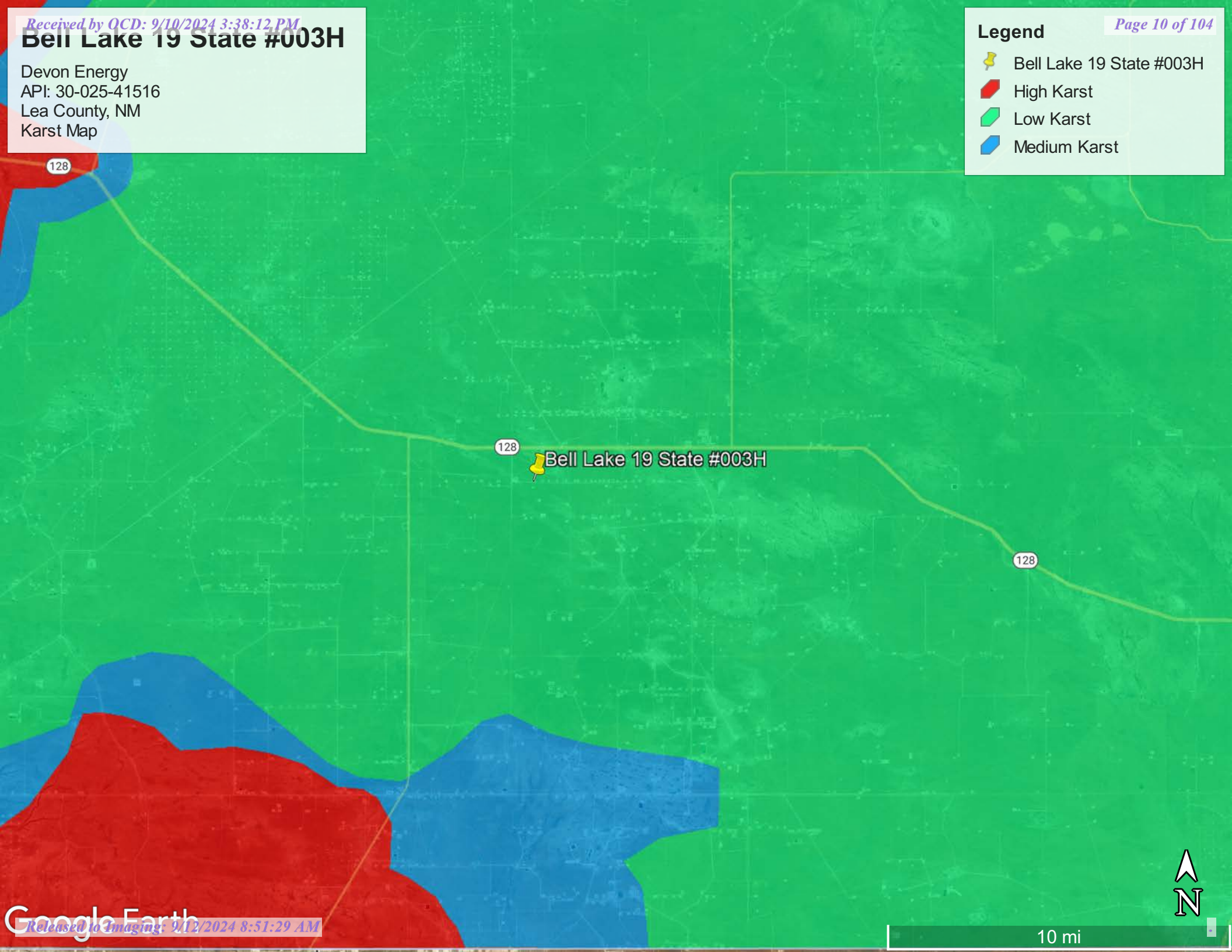
1 mi

Bell Lake 19 State #003H

Devon Energy
API: 30-025-41516
Lea County, NM
Karst Map

Legend





-  Bell Lake 19 State #003H
-  High Karst
-  Low Karst
-  Medium Karst

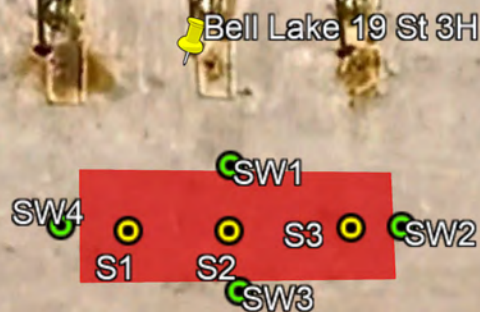


Bell Lake 19 State 3H

Devon Energy
API:30-025-41516
Lea County, NM
Initial Site Map

Legend

-  Bell Lake 19 St 3H
-  Samples
-  Sidewalls/Background
-  Spill Area : 584 Sq ft



Google Earth







200 ft

Bell Lake 19 State 3H

Devon Energy
API: 30-025-41516
Lea County, NM
Confirmation Sample Map

Legend

-  Bell Lake 19 State 3H
-  Samples
-  Sidewalls
-  Spill Area: 584 sq ft



Google Earth



Pima Environmental Services

Appendix A

Water Surveys:

OSE

USGS

Well Log

Surface Water Map



New Mexico Office of the State Engineer

Water Right Summary




WR File Number: C 04768 **Subbasin:** CUB **Cross Reference:** -
Primary Purpose: MON MONITORING WELL
Primary Status: PMT PERMIT
Total Acres: **Subfile:** - **Header:** -
Total Diversion: 0 **Cause/Case:** -
Owner: DEVON ENERGY RESOURCES
Contact: DALE WOODALL

Documents on File








Trn #	Doc	File/Act	Status		Transaction Desc.	From/	Acres	Diversion	Consumptive
			1	2		To			
 get images	750189	EXPL	2023-08-18	PMT	APR	C-4768 POD1	T	0	0

Current Points of Diversion

(NAD83 UTM in meters)									
POD Number	Well Tag	Source	Q			X	Y	Other Location Desc	
			64	Q16	Q4Sec				
C 04768 POD1	NA		3	3	4	19	24S	33E	631048 3563110 

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.

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)	(R=POD has been replaced, O=orphaned, C=the file is closed)														
	(quarters are smallest to largest)										(NAD83 UTM in meters)		(In feet)		
POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance	Well Depth	
C 04768 POD1		CUB	LE	SW	SW	SE	19	24S	33E	631047.5	3563110.7		86	55	
C 04844 POD1		CUB	LE	SW	SW	SE	20	24S	33E	632669.2	3563069.3		1551	105	
C 04622 POD1		CUB	LE	SW	SW	SE	24	24S	32E	629436.4	3563006.8		1682		
C 02890		C	LE		NE	SE	29	24S	33E	633114.0	3562012.0 *		2255	500	
C 02431		CUB	LE	SE	SE	SE	17	24S	33E	633175.0	3564728.0 *		2647	525	
C 02432		CUB	LE	SE	SE	SE	17	24S	33E	633175.0	3564728.0 *		2647	640	
C 02430		CUB	LE	SW	SW	SW	16	24S	33E	633377.0	3564732.0 *		2809	643	

	Averag
	Minim
	Maxim
<div><div></div></div>	

Record Count: 7

Basin/County Search:

County: LE

UTM Filters (in meters):

Easting: 631117.84

Northing: 3563061.08

Radius: 3000.0

* UTM location was derived from PLSS - see Help

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.

8/29/24 12:11 PM MST

Water Column/Average Depth to Water



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.)		WELL TAG ID NO.		OSE FILE NO(S).		
	WELL OWNER NAME(S)				PHONE (OPTIONAL)		
	WELL OWNER MAILING ADDRESS				CITY	STATE	ZIP
	WELL LOCATION (FROM GPS)	DEGREES		MINUTES	SECONDS	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84	
		LATITUDE		N	W		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE							

2. DRILLING & CASING INFORMATION	LICENSE NO.		NAME OF LICENSED DRILLER			NAME OF WELL DRILLING COMPANY		
	DRILLING STARTED		DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)		
	COMPLETED WELL IS:		ARTESIAN *add Centralizer info below	DRY HOLE	SHALLOW (UNCONFINED)	STATIC WATER LEVEL IN COMPLETED WELL (FT)	DATE STATIC MEASURED	
	DRILLING FLUID:		AIR	MUD	ADDITIVES – SPECIFY:			
	DRILLING METHOD:		ROTARY	HAMMER	CABLE TOOL	OTHER – SPECIFY:		
			CHECK HERE IF PITLESS ADAPTER IS INSTALLED					
	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						

3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE- RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below)	AMOUNT (cubic feet)	METHOD OF PLACEMENT
	FROM	TO				

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO.		POD NO.		TRN NO.	
LOCATION			WELL TAG ID NO.		PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)	
	FROM	TO					
					<input type="checkbox"/> Y <input type="checkbox"/> N		
					<input type="checkbox"/> Y <input type="checkbox"/> N		
					<input type="checkbox"/> Y <input type="checkbox"/> N		
					<input type="checkbox"/> Y <input type="checkbox"/> N		
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					<input type="checkbox"/> Y <input type="checkbox"/> N		
					<input type="checkbox"/> Y <input type="checkbox"/> N		
					<input type="checkbox"/> Y <input type="checkbox"/> N		
	METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: PUMP AIR LIFT BAILER OTHER – SPECIFY:				TOTAL ESTIMATED WELL YIELD (gpm):		
	5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.				
		MISCELLANEOUS INFORMATION:					
PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:							
6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:						
	SIGNATURE OF DRILLER / PRINT SIGNEE NAME					DATE	

FOR OSE INTERNAL USE




WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO.	POD NO.	TRN NO.
LOCATION	WELL TAG ID NO.	PAGE 2 OF 2

Bell Lake 19 State #003H

Devon Energy
API: 30-025-41516
Lea County, NM
C-4768-POD 1

Legend

-  .03 of a mile
-  Bell Lake 19 State #003H
-  C-4768 POD 1



Google Earth

500 ft





[USGS Home](#)
[Contact USGS](#)
[Search USGS](#)

National Water Information System: Web Interface

USGS Water Resources

Data Category:

Groundwater



Geographic Area:

United States



GO

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.
- [Full News](#)

Groundwater levels for the Nation



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

Search Results -- 1 sites found

site_no list =

- 321236103350101

Minimum number of levels = 1

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

USGS 321236103350101 24S.33E.17.444414

Available data for this site

Groundwater: Field measurements



GO

Lea County, New Mexico

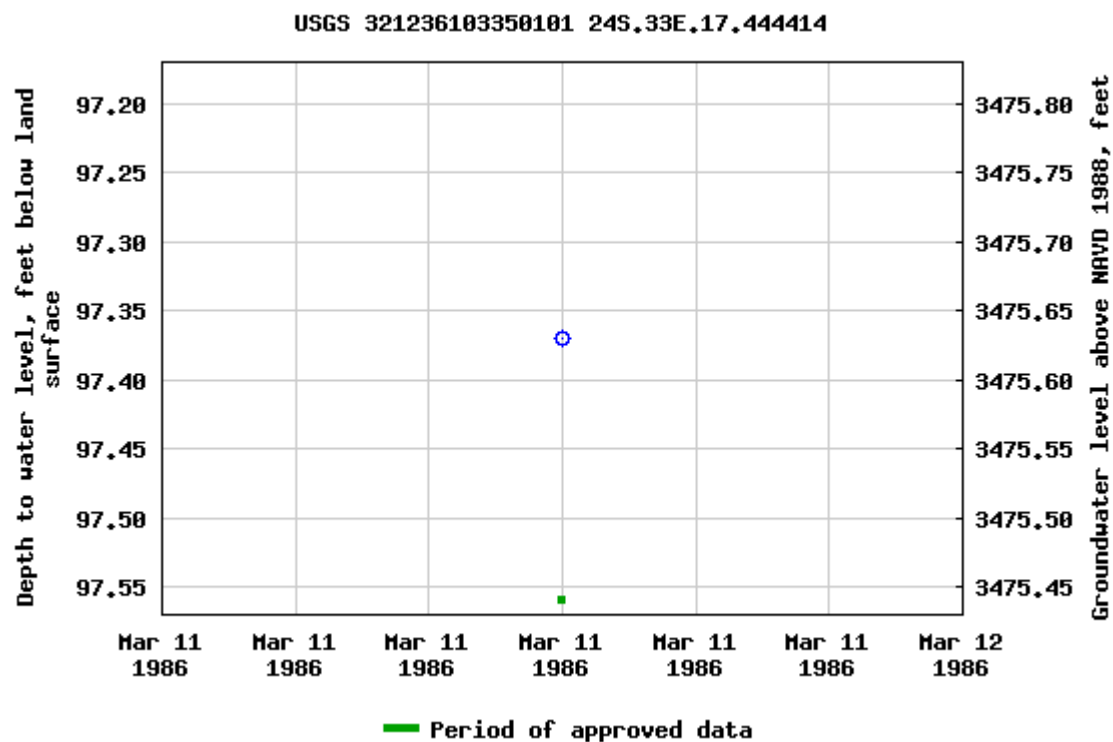
Hydrologic Unit Code 13070007

Latitude 32°12'36", Longitude 103°35'01" NAD27

Land-surface elevation 3,573 feet above NAVD88

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

This well is completed in the Ogallala Formation (121OGLL) local aquifer.

Output formats[Table of data](#)[Tab-separated data](#)[Graph of data](#)[Reselect period](#)

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

[Download a presentation-quality graph](#)

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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: 2023-02-13 18:17:22 EST

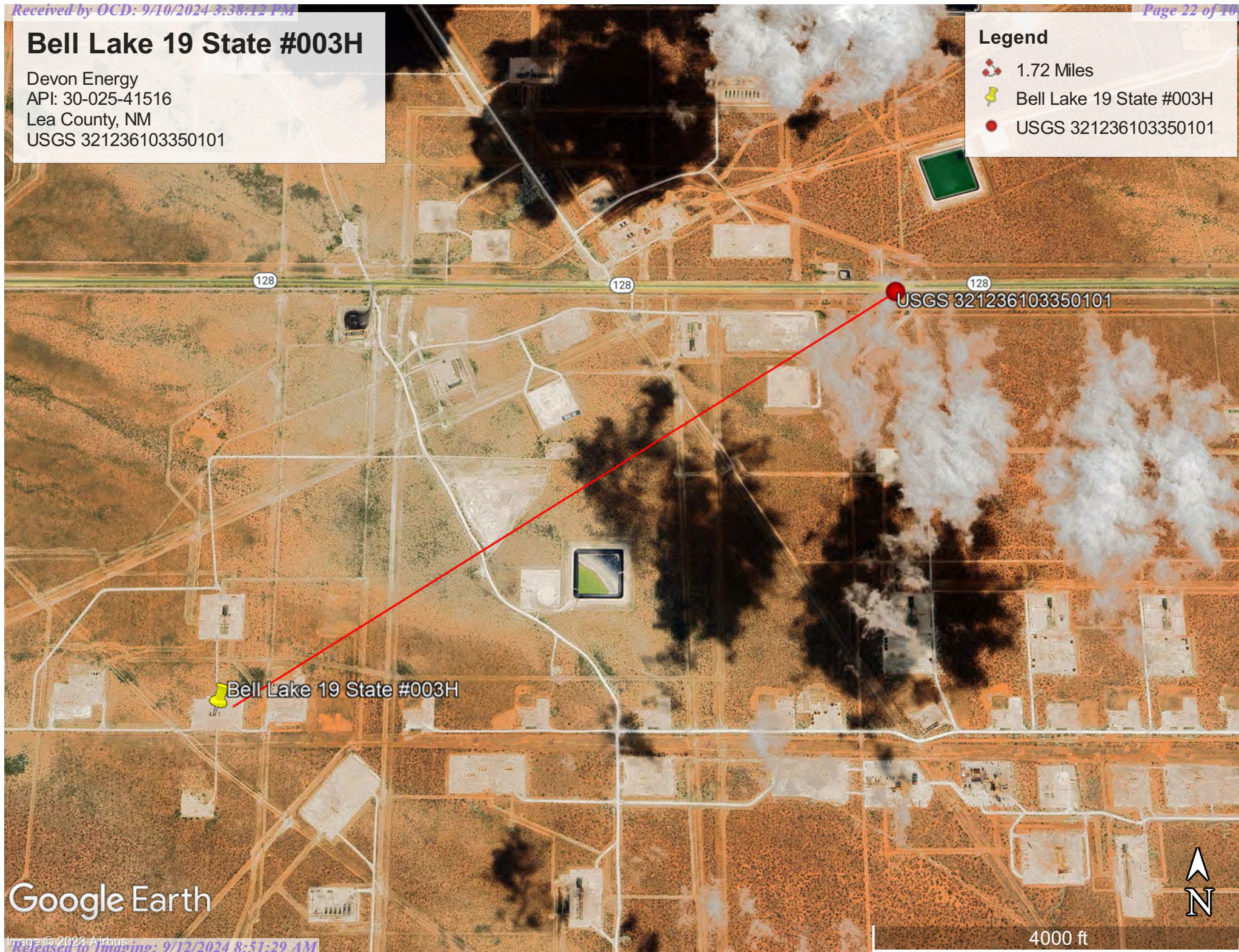
0.58 0.5 nadww02

Bell Lake 19 State #003H

Devon Energy
API: 30-025-41516
Lea County, NM
USGS 321236103350101

Legend

- 1.72 Miles
- Bell Lake 19 State #003H
- USGS 321236103350101





Google Earth

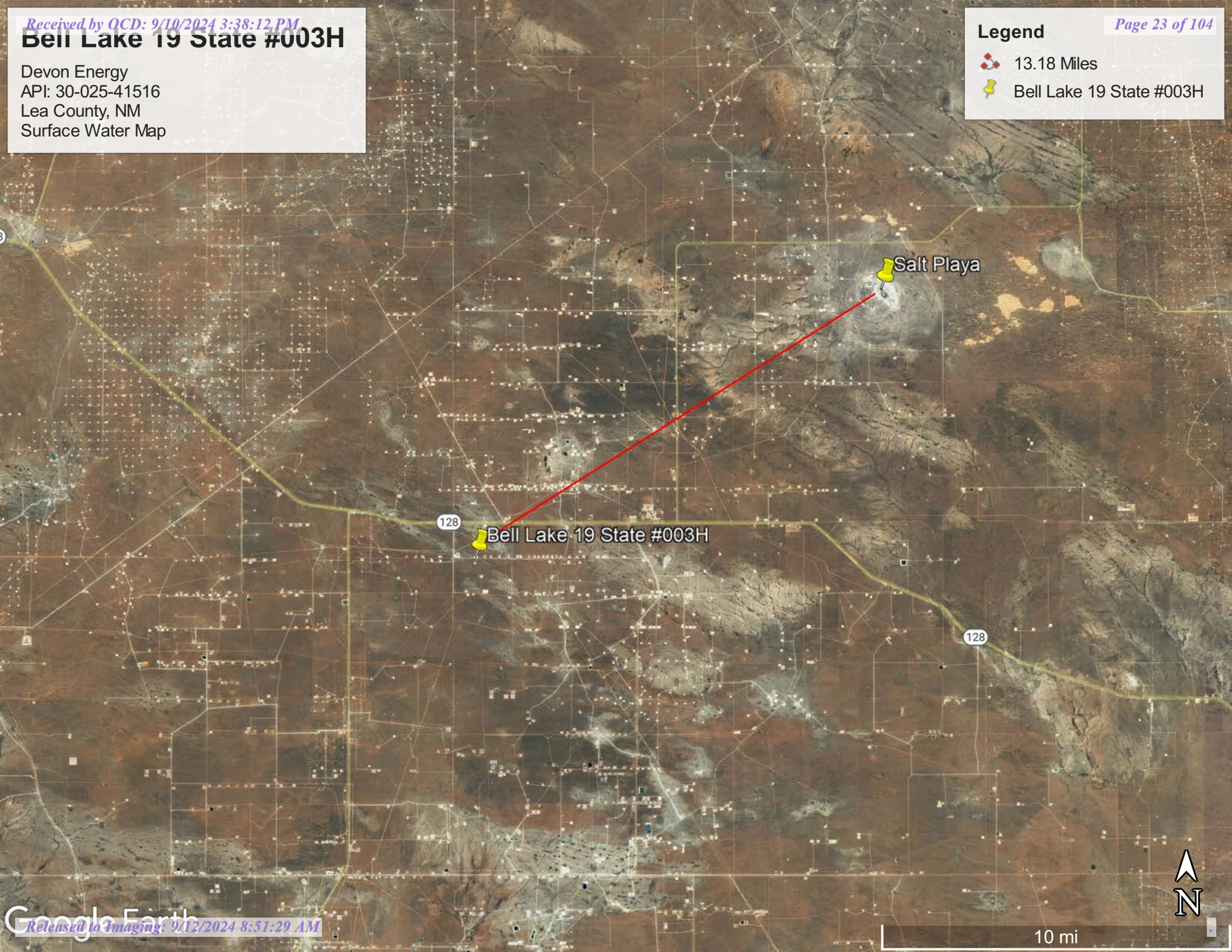
Bell Lake 19 State #003H

Devon Energy
API: 30-025-41516
Lea County, NM
Surface Water Map

Legend

 13.18 Miles

 Bell Lake 19 State #003H



10 mi



Pima Environmental Services

Appendix B

Soil Survey & Geological Data

FEMA Flood Map

Wetlands Map

Map Unit Description: Berino-Cacique loamy fine sands association---Lea County, New Mexico

Lea County, New Mexico

BE—Berino-Cacique loamy fine sands association

Map Unit Setting

National map unit symbol: dmpd

Elevation: 3,000 to 3,900 feet

Mean annual precipitation: 10 to 13 inches

Mean annual air temperature: 60 to 62 degrees F

Frost-free period: 190 to 205 days

Farmland classification: Not prime farmland

Map Unit Composition

Berino and similar soils: 50 percent

Cacique and similar soils: 40 percent

Minor components: 10 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Berino

Setting

Landform: Plains

Landform position (three-dimensional): Rise

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Sandy eolian deposits derived from sedimentary rock over calcareous sandy alluvium derived from sedimentary rock

Typical profile

A - 0 to 6 inches: loamy fine sand

Btk - 6 to 60 inches: sandy clay loam

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

Gypsum, maximum content: 1 percent

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum: 2.0

Available water supply, 0 to 60 inches: Moderate (about 8.7 inches)

Map Unit Description: Berino-Cacique loamy fine sands association---Lea County, New Mexico

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 7c

Hydrologic Soil Group: B

Ecological site: R070BD003NM - Loamy Sand

Hydric soil rating: No

Description of Cacique**Setting**

Landform: Plains

Landform position (three-dimensional): Rise

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Calcareous eolian deposits derived from
sedimentary rock

Typical profile

A - 0 to 12 inches: loamy fine sand

Bt - 12 to 28 inches: sandy clay loam

Bkm - 28 to 38 inches: cemented material

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: 20 to 40 inches to petrocalcic

Drainage class: Well drained

Runoff class: High

Capacity of the most limiting layer to transmit water (Ksat): Very low
to moderately low (0.00 to 0.06 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 5 percent

Gypsum, maximum content: 1 percent

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0
mmhos/cm)

Sodium adsorption ratio, maximum: 2.0

Available water supply, 0 to 60 inches: Low (about 3.6 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 7c

Hydrologic Soil Group: C

Ecological site: R070BD004NM - Sandy

Hydric soil rating: No

Minor Components**Maljamar**

Percent of map unit: 6 percent

Ecological site: R077CY028TX - Limy Upland 16-21" PZ

Hydric soil rating: No

Map Unit Description: Berino-Cacique loamy fine sands association---Lea County, New Mexico

Palomas

Percent of map unit: 4 percent

Ecological site: R070BD003NM - Loamy Sand

Hydric soil rating: No

Data Source Information

Soil Survey Area: Lea County, New Mexico

Survey Area Data: Version 19, Sep 8, 2022

National Flood Hazard Layer FIRMette



103°36'51"W 32°12'3"N



Legend

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

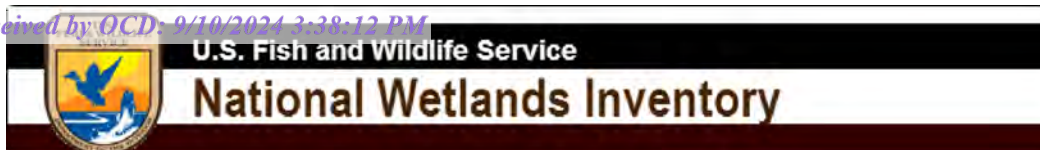
SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) <i>Zone A, V, A99</i>
		With BFE or Depth <i>Zone AE, AO, AH, VE, AR</i>
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage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

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

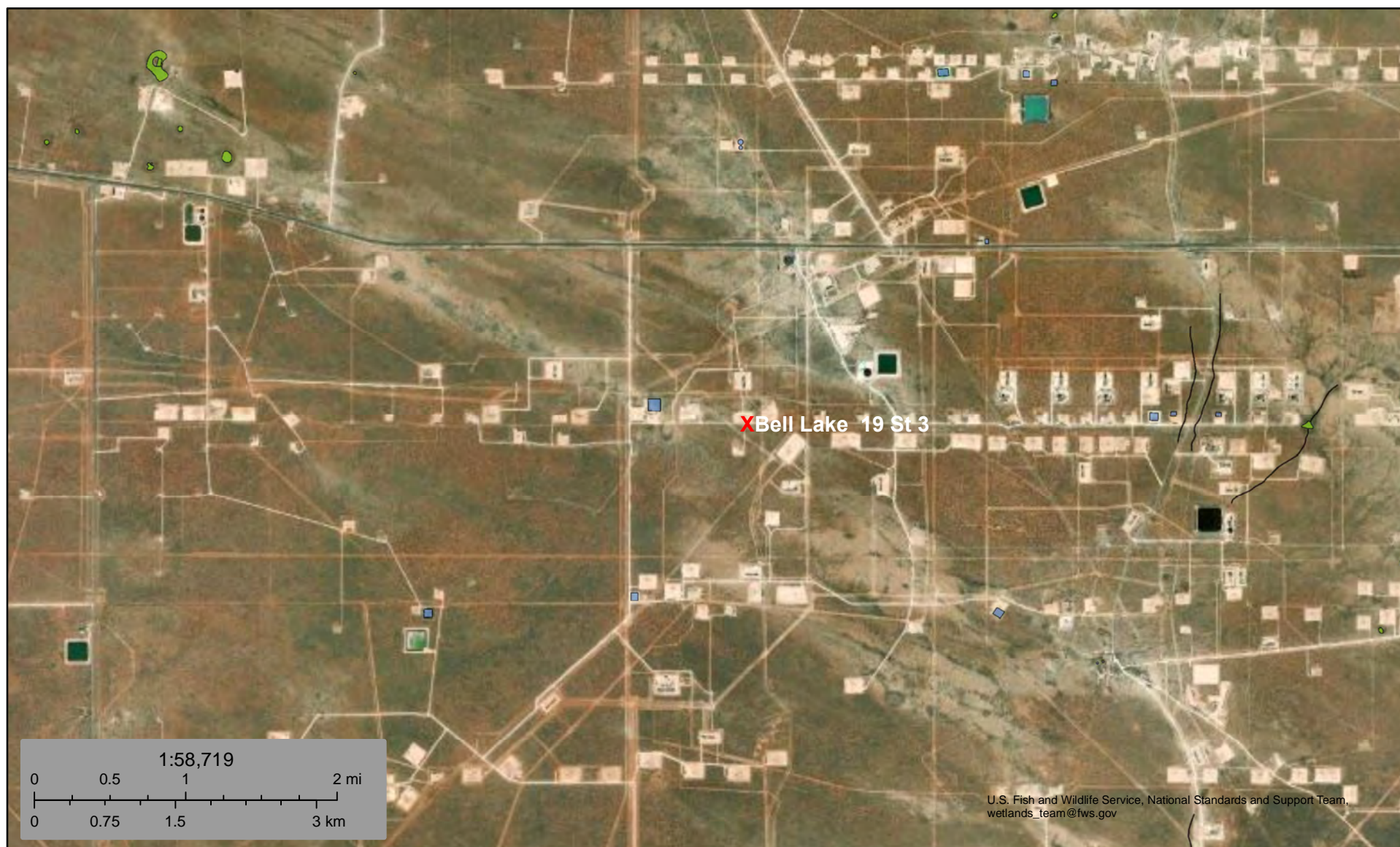
This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **2/13/2023 at 6:21 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.



Wetlands Map



February 13, 2023

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

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

- Lake
- Other
- Riverine

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



Pima Environmental Services

Appendix C

48-Hour Sampling Notification



Delrae Pima Oil <delrae@pimaoil.com>

FW: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 373415

1 message

Woodall, Dale <Dale.Woodall@dmv.com>

Tue, Aug 13, 2024 at 11:39 AM

To: Delrae Pima Oil <delrae@pimaoil.com>, Tom Pima Oil <tom@pimaoil.com>, Gio PimaOil <gio@pimaoil.com>

Dale Woodall

Environmental Professional**Hobbs, NM****Office:** 575-748-1838**Mobile:** 405-318-4697Dale.Woodall@dmv.com**From:** OCDOnline@state.nm.us <OCDOnline@state.nm.us>**Sent:** Tuesday, August 13, 2024 11:38 AM**To:** Woodall, Dale <Dale.Woodall@dmv.com>**Subject:** [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 373415

To whom it may concern (c/o Dale Woodall for DEVON ENERGY PRODUCTION COMPANY, LP),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nTO1417636911.

The sampling event is expected to take place:

When: 08/15/2024 @ 11:00**Where:** O-19-24S-33E 200 FSL 1870 FEL (32.1964722,-103.6089478)**Additional Information:** Andrew Franco (806) 200-0054**Additional Instructions:** 32.1964722, -103.6089478

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
[1220 South St. Francis Drive](#)

Santa Fe, NM 87505

Confidentiality Warning: This message and any attachments are intended only for the use of the intended recipient(s), are confidential, and may be privileged. If you are not the intended recipient, you are hereby notified that any review, retransmission, conversion to hard copy, copying, circulation or other use of all or any portion of this message and any attachments is strictly prohibited. If you are not the intended recipient, please notify the sender immediately by return e-mail, and delete this message and any attachments from your system.



Pima Environmental Services

Appendix D

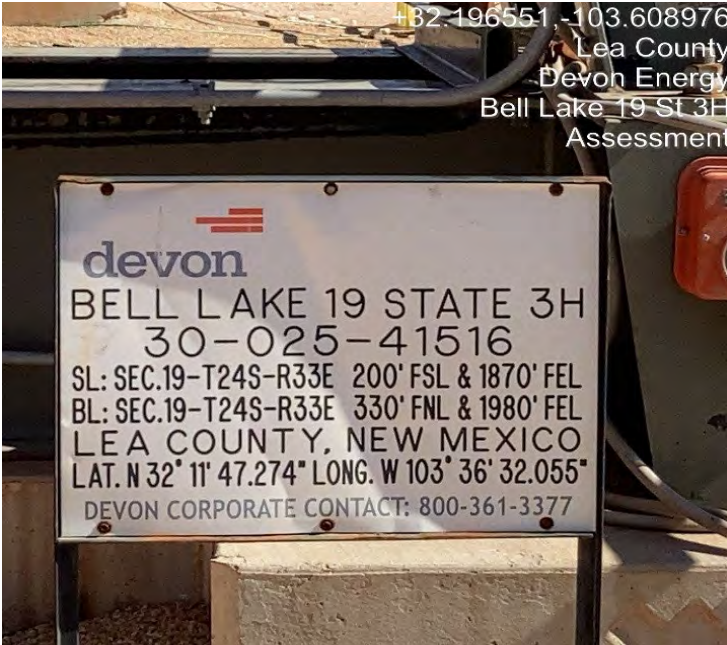
Photographic Documentation



**SITE PHOTOGRAPHS
DEVON ENERGY**

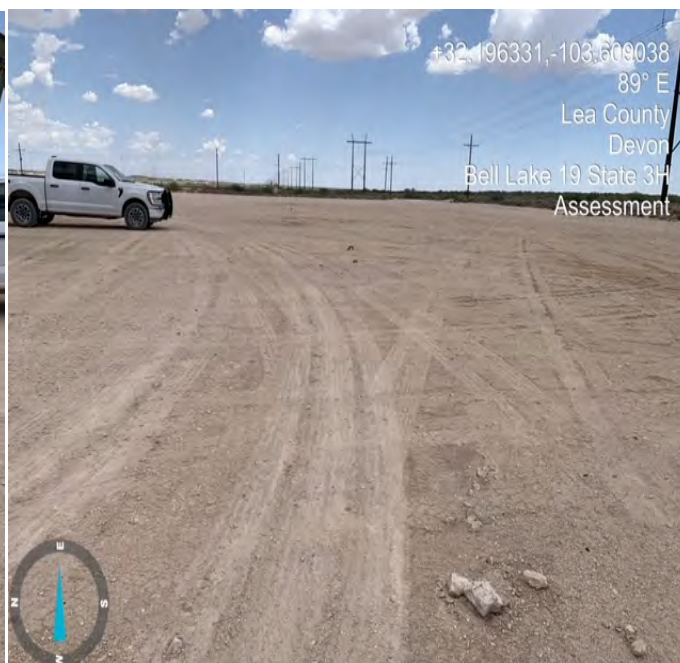
Bell Lake 19 State #003H

Initial Assessment





Assessment to Collect Confirmation Samples







Pima Environmental Services

Appendix E

Laboratory Reports

Report to:
Tom Bynum



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Bell Lake 19 ST 3H

Work Order: E302040

Job Number: 01058-0007

Received: 2/8/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/13/23

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.

Date Reported: 2/13/23



Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Bell Lake 19 ST 3H
Workorder: E302040
Date Received: 2/8/2023 7:30:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/8/2023 7:30:00AM, under the Project Name: Bell Lake 19 ST 3H.

The analytical test results summarized in this report with the Project Name: Bell Lake 19 ST 3H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area
Lynn Jarboe
Technical Representative/Client Services
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljjarboe@envirotech-inc.com

West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Chain of Custody etc.

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 ST 3H	Reported: 02/13/23 11:26
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1 - 1'	E302040-01A	Soil	02/06/23	02/08/23	Glass Jar, 2 oz.
S1 - 3'	E302040-02A	Soil	02/06/23	02/08/23	Glass Jar, 2 oz.
S1 - 4'	E302040-03A	Soil	02/06/23	02/08/23	Glass Jar, 2 oz.
S2 - 1'	E302040-04A	Soil	02/06/23	02/08/23	Glass Jar, 2 oz.
S2 - 3'	E302040-05A	Soil	02/06/23	02/08/23	Glass Jar, 2 oz.
S2 - 4'	E302040-06A	Soil	02/06/23	02/08/23	Glass Jar, 2 oz.
S3 - 1'	E302040-07A	Soil	02/06/23	02/08/23	Glass Jar, 2 oz.
S3 - 3'	E302040-08A	Soil	02/06/23	02/08/23	Glass Jar, 2 oz.
S3 - 4'	E302040-09A	Soil	02/06/23	02/08/23	Glass Jar, 2 oz.
SW1	E302040-10A	Soil	02/06/23	02/08/23	Glass Jar, 2 oz.
SW2	E302040-11A	Soil	02/06/23	02/08/23	Glass Jar, 2 oz.
SW3	E302040-12A	Soil	02/06/23	02/08/23	Glass Jar, 2 oz.
SW4	E302040-13A	Soil	02/06/23	02/08/23	Glass Jar, 2 oz.
BG1	E302040-14A	Soil	02/06/23	02/08/23	Glass Jar, 2 oz.



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Bell Lake 19 ST 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/13/2023 11:26:27AM

S1 - 1'

E302040-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2306058
Benzene	ND	0.0250	1	02/09/23	02/09/23	
Ethylbenzene	ND	0.0250	1	02/09/23	02/09/23	
Toluene	ND	0.0250	1	02/09/23	02/09/23	
o-Xylene	ND	0.0250	1	02/09/23	02/09/23	
p,m-Xylene	ND	0.0500	1	02/09/23	02/09/23	
Total Xylenes	ND	0.0250	1	02/09/23	02/09/23	
Surrogate: Bromofluorobenzene	92.8 %	70-130		02/09/23	02/09/23	
Surrogate: 1,2-Dichloroethane-d4	99.1 %	70-130		02/09/23	02/09/23	
Surrogate: Toluene-d8	102 %	70-130		02/09/23	02/09/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2306058
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/09/23	02/09/23	
Surrogate: Bromofluorobenzene	92.8 %	70-130		02/09/23	02/09/23	
Surrogate: 1,2-Dichloroethane-d4	99.1 %	70-130		02/09/23	02/09/23	
Surrogate: Toluene-d8	102 %	70-130		02/09/23	02/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2306062
Diesel Range Organics (C10-C28)	ND	25.0	1	02/09/23	02/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/09/23	02/09/23	
Surrogate: n-Nonane	102 %	50-200		02/09/23	02/09/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2306071
Chloride	862	20.0	1	02/09/23	02/10/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Bell Lake 19 ST 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/13/2023 11:26:27AM

S1 - 3'

E302040-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2306058
Benzene	ND	0.0250	1	02/09/23	02/09/23	
Ethylbenzene	ND	0.0250	1	02/09/23	02/09/23	
Toluene	ND	0.0250	1	02/09/23	02/09/23	
o-Xylene	ND	0.0250	1	02/09/23	02/09/23	
p,m-Xylene	ND	0.0500	1	02/09/23	02/09/23	
Total Xylenes	ND	0.0250	1	02/09/23	02/09/23	
Surrogate: Bromofluorobenzene	93.6 %	70-130		02/09/23	02/09/23	
Surrogate: 1,2-Dichloroethane-d4	98.5 %	70-130		02/09/23	02/09/23	
Surrogate: Toluene-d8	100 %	70-130		02/09/23	02/09/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2306058
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/09/23	02/09/23	
Surrogate: Bromofluorobenzene	93.6 %	70-130		02/09/23	02/09/23	
Surrogate: 1,2-Dichloroethane-d4	98.5 %	70-130		02/09/23	02/09/23	
Surrogate: Toluene-d8	100 %	70-130		02/09/23	02/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2306062
Diesel Range Organics (C10-C28)	ND	25.0	1	02/09/23	02/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/09/23	02/09/23	
Surrogate: n-Nonane	108 %	50-200		02/09/23	02/09/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2306071
Chloride	920	20.0	1	02/09/23	02/10/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Bell Lake 19 ST 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/13/2023 11:26:27AM

S1 - 4'

E302040-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2306058
Benzene	ND	0.0250	1	02/09/23	02/09/23	
Ethylbenzene	ND	0.0250	1	02/09/23	02/09/23	
Toluene	ND	0.0250	1	02/09/23	02/09/23	
o-Xylene	ND	0.0250	1	02/09/23	02/09/23	
p,m-Xylene	ND	0.0500	1	02/09/23	02/09/23	
Total Xylenes	ND	0.0250	1	02/09/23	02/09/23	
Surrogate: Bromofluorobenzene	92.6 %	70-130		02/09/23	02/09/23	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		02/09/23	02/09/23	
Surrogate: Toluene-d8	101 %	70-130		02/09/23	02/09/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2306058
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/09/23	02/09/23	
Surrogate: Bromofluorobenzene	92.6 %	70-130		02/09/23	02/09/23	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		02/09/23	02/09/23	
Surrogate: Toluene-d8	101 %	70-130		02/09/23	02/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2306062
Diesel Range Organics (C10-C28)	ND	25.0	1	02/09/23	02/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/09/23	02/09/23	
Surrogate: n-Nonane	109 %	50-200		02/09/23	02/09/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2306071
Chloride	ND	40.0	2	02/09/23	02/10/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Bell Lake 19 ST 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/13/2023 11:26:27AM

S2 - 1'

E302040-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2306058
Benzene	ND	0.0250	1	02/09/23	02/09/23	
Ethylbenzene	ND	0.0250	1	02/09/23	02/09/23	
Toluene	ND	0.0250	1	02/09/23	02/09/23	
o-Xylene	ND	0.0250	1	02/09/23	02/09/23	
p,m-Xylene	ND	0.0500	1	02/09/23	02/09/23	
Total Xylenes	ND	0.0250	1	02/09/23	02/09/23	
Surrogate: Bromofluorobenzene	91.9 %	70-130		02/09/23	02/09/23	
Surrogate: 1,2-Dichloroethane-d4	98.6 %	70-130		02/09/23	02/09/23	
Surrogate: Toluene-d8	101 %	70-130		02/09/23	02/09/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2306058
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/09/23	02/09/23	
Surrogate: Bromofluorobenzene	91.9 %	70-130		02/09/23	02/09/23	
Surrogate: 1,2-Dichloroethane-d4	98.6 %	70-130		02/09/23	02/09/23	
Surrogate: Toluene-d8	101 %	70-130		02/09/23	02/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2306062
Diesel Range Organics (C10-C28)	ND	25.0	1	02/09/23	02/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/09/23	02/09/23	
Surrogate: n-Nonane	106 %	50-200		02/09/23	02/09/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2306071
Chloride	1830	40.0	2	02/09/23	02/10/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Bell Lake 19 ST 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/13/2023 11:26:27AM

S2 - 3'

E302040-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2306058
Benzene	ND	0.0250	1	02/09/23	02/09/23	
Ethylbenzene	ND	0.0250	1	02/09/23	02/09/23	
Toluene	ND	0.0250	1	02/09/23	02/09/23	
o-Xylene	ND	0.0250	1	02/09/23	02/09/23	
p,m-Xylene	ND	0.0500	1	02/09/23	02/09/23	
Total Xylenes	ND	0.0250	1	02/09/23	02/09/23	
Surrogate: Bromofluorobenzene	93.6 %	70-130		02/09/23	02/09/23	
Surrogate: 1,2-Dichloroethane-d4	97.8 %	70-130		02/09/23	02/09/23	
Surrogate: Toluene-d8	101 %	70-130		02/09/23	02/09/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2306058
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/09/23	02/09/23	
Surrogate: Bromofluorobenzene	93.6 %	70-130		02/09/23	02/09/23	
Surrogate: 1,2-Dichloroethane-d4	97.8 %	70-130		02/09/23	02/09/23	
Surrogate: Toluene-d8	101 %	70-130		02/09/23	02/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2306062
Diesel Range Organics (C10-C28)	ND	25.0	1	02/09/23	02/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/09/23	02/09/23	
Surrogate: n-Nonane	108 %	50-200		02/09/23	02/09/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2306071
Chloride	830	20.0	1	02/09/23	02/10/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Bell Lake 19 ST 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/13/2023 11:26:27AM

S2 - 4'

E302040-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2306058
Benzene	ND	0.0250	1	02/09/23	02/09/23	
Ethylbenzene	ND	0.0250	1	02/09/23	02/09/23	
Toluene	ND	0.0250	1	02/09/23	02/09/23	
o-Xylene	ND	0.0250	1	02/09/23	02/09/23	
p,m-Xylene	ND	0.0500	1	02/09/23	02/09/23	
Total Xylenes	ND	0.0250	1	02/09/23	02/09/23	
Surrogate: Bromofluorobenzene	93.7 %	70-130		02/09/23	02/09/23	
Surrogate: 1,2-Dichloroethane-d4	97.5 %	70-130		02/09/23	02/09/23	
Surrogate: Toluene-d8	103 %	70-130		02/09/23	02/09/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2306058
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/09/23	02/09/23	
Surrogate: Bromofluorobenzene	93.7 %	70-130		02/09/23	02/09/23	
Surrogate: 1,2-Dichloroethane-d4	97.5 %	70-130		02/09/23	02/09/23	
Surrogate: Toluene-d8	103 %	70-130		02/09/23	02/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2306062
Diesel Range Organics (C10-C28)	ND	25.0	1	02/09/23	02/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/09/23	02/09/23	
Surrogate: n-Nonane	109 %	50-200		02/09/23	02/09/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2306071
Chloride	ND	20.0	1	02/09/23	02/10/23	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 ST 3H	Reported: 2/13/2023 11:26:27AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

S3 - 1'

E302040-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY		Batch: 2306058	
Benzene	ND	0.0250	1	02/09/23	02/09/23	
Ethylbenzene	ND	0.0250	1	02/09/23	02/09/23	
Toluene	ND	0.0250	1	02/09/23	02/09/23	
o-Xylene	ND	0.0250	1	02/09/23	02/09/23	
p,m-Xylene	ND	0.0500	1	02/09/23	02/09/23	
Total Xylenes	ND	0.0250	1	02/09/23	02/09/23	
Surrogate: Bromofluorobenzene	93.1 %	70-130		02/09/23	02/09/23	
Surrogate: 1,2-Dichloroethane-d4	97.5 %	70-130		02/09/23	02/09/23	
Surrogate: Toluene-d8	102 %	70-130		02/09/23	02/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2306058	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/09/23	02/09/23	
Surrogate: Bromofluorobenzene	93.1 %	70-130		02/09/23	02/09/23	
Surrogate: 1,2-Dichloroethane-d4	97.5 %	70-130		02/09/23	02/09/23	
Surrogate: Toluene-d8	102 %	70-130		02/09/23	02/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2306062	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/09/23	02/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/09/23	02/09/23	
Surrogate: n-Nonane	107 %	50-200		02/09/23	02/09/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2306071	
Chloride	1920	40.0	2	02/09/23	02/10/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Bell Lake 19 ST 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/13/2023 11:26:27AM

S3 - 3'

E302040-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2306058
Benzene	ND	0.0250	1	02/09/23	02/09/23	
Ethylbenzene	ND	0.0250	1	02/09/23	02/09/23	
Toluene	ND	0.0250	1	02/09/23	02/09/23	
o-Xylene	ND	0.0250	1	02/09/23	02/09/23	
p,m-Xylene	ND	0.0500	1	02/09/23	02/09/23	
Total Xylenes	ND	0.0250	1	02/09/23	02/09/23	
Surrogate: Bromofluorobenzene	93.0 %	70-130		02/09/23	02/09/23	
Surrogate: 1,2-Dichloroethane-d4	98.0 %	70-130		02/09/23	02/09/23	
Surrogate: Toluene-d8	102 %	70-130		02/09/23	02/09/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2306058
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/09/23	02/09/23	
Surrogate: Bromofluorobenzene	93.0 %	70-130		02/09/23	02/09/23	
Surrogate: 1,2-Dichloroethane-d4	98.0 %	70-130		02/09/23	02/09/23	
Surrogate: Toluene-d8	102 %	70-130		02/09/23	02/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2306062
Diesel Range Organics (C10-C28)	ND	25.0	1	02/09/23	02/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/09/23	02/09/23	
Surrogate: n-Nonane	100 %	50-200		02/09/23	02/09/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2306071
Chloride	907	20.0	1	02/09/23	02/10/23	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Bell Lake 19 ST 3H Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 2/13/2023 11:26:27AM
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S3 - 4'

E302040-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2306058
Benzene	ND	0.0250	1	02/09/23	02/09/23	
Ethylbenzene	ND	0.0250	1	02/09/23	02/09/23	
Toluene	ND	0.0250	1	02/09/23	02/09/23	
o-Xylene	ND	0.0250	1	02/09/23	02/09/23	
p,m-Xylene	ND	0.0500	1	02/09/23	02/09/23	
Total Xylenes	ND	0.0250	1	02/09/23	02/09/23	
Surrogate: Bromofluorobenzene	92.6 %	70-130		02/09/23	02/09/23	
Surrogate: 1,2-Dichloroethane-d4	97.3 %	70-130		02/09/23	02/09/23	
Surrogate: Toluene-d8	102 %	70-130		02/09/23	02/09/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2306058
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/09/23	02/09/23	
Surrogate: Bromofluorobenzene	92.6 %	70-130		02/09/23	02/09/23	
Surrogate: 1,2-Dichloroethane-d4	97.3 %	70-130		02/09/23	02/09/23	
Surrogate: Toluene-d8	102 %	70-130		02/09/23	02/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2306062
Diesel Range Organics (C10-C28)	ND	25.0	1	02/09/23	02/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/09/23	02/09/23	
Surrogate: n-Nonane	108 %	50-200		02/09/23	02/09/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2306071
Chloride	ND	40.0	2	02/09/23	02/10/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Bell Lake 19 ST 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/13/2023 11:26:27AM

SW1

E302040-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2306058
Benzene	ND	0.0250	1	02/09/23	02/09/23	
Ethylbenzene	ND	0.0250	1	02/09/23	02/09/23	
Toluene	ND	0.0250	1	02/09/23	02/09/23	
o-Xylene	ND	0.0250	1	02/09/23	02/09/23	
p,m-Xylene	ND	0.0500	1	02/09/23	02/09/23	
Total Xylenes	ND	0.0250	1	02/09/23	02/09/23	
Surrogate: Bromofluorobenzene	91.7 %	70-130		02/09/23	02/09/23	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		02/09/23	02/09/23	
Surrogate: Toluene-d8	102 %	70-130		02/09/23	02/09/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2306058
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/09/23	02/09/23	
Surrogate: Bromofluorobenzene	91.7 %	70-130		02/09/23	02/09/23	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		02/09/23	02/09/23	
Surrogate: Toluene-d8	102 %	70-130		02/09/23	02/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2306062
Diesel Range Organics (C10-C28)	ND	25.0	1	02/09/23	02/10/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/09/23	02/10/23	
Surrogate: n-Nonane	110 %	50-200		02/09/23	02/10/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2306071
Chloride	ND	20.0	1	02/09/23	02/10/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Bell Lake 19 ST 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/13/2023 11:26:27AM

SW2

E302040-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2306058
Benzene	ND	0.0250	1	02/09/23	02/09/23	
Ethylbenzene	ND	0.0250	1	02/09/23	02/09/23	
Toluene	ND	0.0250	1	02/09/23	02/09/23	
o-Xylene	ND	0.0250	1	02/09/23	02/09/23	
p,m-Xylene	ND	0.0500	1	02/09/23	02/09/23	
Total Xylenes	ND	0.0250	1	02/09/23	02/09/23	
Surrogate: Bromofluorobenzene	91.5 %	70-130		02/09/23	02/09/23	
Surrogate: 1,2-Dichloroethane-d4	99.0 %	70-130		02/09/23	02/09/23	
Surrogate: Toluene-d8	101 %	70-130		02/09/23	02/09/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2306058
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/09/23	02/09/23	
Surrogate: Bromofluorobenzene	91.5 %	70-130		02/09/23	02/09/23	
Surrogate: 1,2-Dichloroethane-d4	99.0 %	70-130		02/09/23	02/09/23	
Surrogate: Toluene-d8	101 %	70-130		02/09/23	02/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2306062
Diesel Range Organics (C10-C28)	ND	25.0	1	02/09/23	02/10/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/09/23	02/10/23	
Surrogate: n-Nonane	109 %	50-200		02/09/23	02/10/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2306071
Chloride	ND	40.0	2	02/09/23	02/11/23	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Bell Lake 19 ST 3H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/13/2023 11:26:27AM

SW3

E302040-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2306058
Benzene	ND	0.0250	1	02/09/23	02/09/23	
Ethylbenzene	ND	0.0250	1	02/09/23	02/09/23	
Toluene	ND	0.0250	1	02/09/23	02/09/23	
o-Xylene	ND	0.0250	1	02/09/23	02/09/23	
p,m-Xylene	ND	0.0500	1	02/09/23	02/09/23	
Total Xylenes	ND	0.0250	1	02/09/23	02/09/23	
Surrogate: Bromofluorobenzene	93.3 %	70-130		02/09/23	02/09/23	
Surrogate: 1,2-Dichloroethane-d4	96.6 %	70-130		02/09/23	02/09/23	
Surrogate: Toluene-d8	102 %	70-130		02/09/23	02/09/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2306058
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/09/23	02/09/23	
Surrogate: Bromofluorobenzene	93.3 %	70-130		02/09/23	02/09/23	
Surrogate: 1,2-Dichloroethane-d4	96.6 %	70-130		02/09/23	02/09/23	
Surrogate: Toluene-d8	102 %	70-130		02/09/23	02/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2306062
Diesel Range Organics (C10-C28)	ND	25.0	1	02/09/23	02/10/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/09/23	02/10/23	
Surrogate: n-Nonane	110 %	50-200		02/09/23	02/10/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2306071
Chloride	ND	20.0	1	02/09/23	02/11/23	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 ST 3H	Reported: 2/13/2023 11:26:27AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

SW4

E302040-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY		Batch: 2306058	
Benzene	ND	0.0250	1	02/09/23	02/09/23	
Ethylbenzene	ND	0.0250	1	02/09/23	02/09/23	
Toluene	ND	0.0250	1	02/09/23	02/09/23	
o-Xylene	ND	0.0250	1	02/09/23	02/09/23	
p,m-Xylene	ND	0.0500	1	02/09/23	02/09/23	
Total Xylenes	ND	0.0250	1	02/09/23	02/09/23	
Surrogate: Bromofluorobenzene	91.8 %	70-130		02/09/23	02/09/23	
Surrogate: 1,2-Dichloroethane-d4	95.2 %	70-130		02/09/23	02/09/23	
Surrogate: Toluene-d8	101 %	70-130		02/09/23	02/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2306058	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/09/23	02/09/23	
Surrogate: Bromofluorobenzene	91.8 %	70-130		02/09/23	02/09/23	
Surrogate: 1,2-Dichloroethane-d4	95.2 %	70-130		02/09/23	02/09/23	
Surrogate: Toluene-d8	101 %	70-130		02/09/23	02/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2306062	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/09/23	02/10/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/09/23	02/10/23	
Surrogate: n-Nonane	111 %	50-200		02/09/23	02/10/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2306071	
Chloride	ND	20.0	1	02/09/23	02/11/23	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 ST 3H	Reported: 2/13/2023 11:26:27AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

BG1

E302040-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY		Batch: 2306058	
Benzene	ND	0.0250	1	02/09/23	02/09/23	
Ethylbenzene	ND	0.0250	1	02/09/23	02/09/23	
Toluene	ND	0.0250	1	02/09/23	02/09/23	
o-Xylene	ND	0.0250	1	02/09/23	02/09/23	
p,m-Xylene	ND	0.0500	1	02/09/23	02/09/23	
Total Xylenes	ND	0.0250	1	02/09/23	02/09/23	
Surrogate: Bromofluorobenzene	91.3 %	70-130		02/09/23	02/09/23	
Surrogate: 1,2-Dichloroethane-d4	93.4 %	70-130		02/09/23	02/09/23	
Surrogate: Toluene-d8	100 %	70-130		02/09/23	02/09/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2306058	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/09/23	02/09/23	
Surrogate: Bromofluorobenzene	91.3 %	70-130		02/09/23	02/09/23	
Surrogate: 1,2-Dichloroethane-d4	93.4 %	70-130		02/09/23	02/09/23	
Surrogate: Toluene-d8	100 %	70-130		02/09/23	02/09/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2306062	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/09/23	02/10/23	
Oil Range Organics (C28-C36)	ND	50.0	1	02/09/23	02/10/23	
Surrogate: n-Nonane	109 %	50-200		02/09/23	02/10/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2306071	
Chloride	ND	20.0	1	02/09/23	02/11/23	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 ST 3H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/13/2023 11:26:27AM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2306058-BLK1) Prepared: 02/09/23 Analyzed: 02/09/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.456		0.500		91.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.479		0.500		95.7	70-130			
Surrogate: Toluene-d8	0.511		0.500		102	70-130			

LCS (2306058-BS1) Prepared: 02/09/23 Analyzed: 02/09/23

Benzene	2.49	0.0250	2.50		99.4	70-130			
Ethylbenzene	2.53	0.0250	2.50		101	70-130			
Toluene	2.57	0.0250	2.50		103	70-130			
o-Xylene	2.68	0.0250	2.50		107	70-130			
p,m-Xylene	5.15	0.0500	5.00		103	70-130			
Total Xylenes	7.83	0.0250	7.50		104	70-130			
Surrogate: Bromofluorobenzene	0.470		0.500		93.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.486		0.500		97.2	70-130			
Surrogate: Toluene-d8	0.507		0.500		101	70-130			

Matrix Spike (2306058-MS1) Source: E302040-04 Prepared: 02/09/23 Analyzed: 02/09/23

Benzene	2.47	0.0250	2.50	ND	98.9	48-131			
Ethylbenzene	2.54	0.0250	2.50	ND	101	45-135			
Toluene	2.59	0.0250	2.50	ND	104	48-130			
o-Xylene	2.68	0.0250	2.50	ND	107	43-135			
p,m-Xylene	5.13	0.0500	5.00	ND	103	43-135			
Total Xylenes	7.81	0.0250	7.50	ND	104	43-135			
Surrogate: Bromofluorobenzene	0.470		0.500		93.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.2	70-130			
Surrogate: Toluene-d8	0.504		0.500		101	70-130			

Matrix Spike Dup (2306058-MSD1) Source: E302040-04 Prepared: 02/09/23 Analyzed: 02/10/23

Benzene	2.34	0.0250	2.50	ND	93.7	48-131	5.40	23	
Ethylbenzene	2.36	0.0250	2.50	ND	94.4	45-135	7.23	27	
Toluene	2.39	0.0250	2.50	ND	95.6	48-130	7.93	24	
o-Xylene	2.50	0.0250	2.50	ND	100	43-135	7.03	27	
p,m-Xylene	4.81	0.0500	5.00	ND	96.3	43-135	6.39	27	
Total Xylenes	7.31	0.0250	7.50	ND	97.5	43-135	6.61	27	
Surrogate: Bromofluorobenzene	0.465		0.500		93.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.488		0.500		97.5	70-130			
Surrogate: Toluene-d8	0.510		0.500		102	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 ST 3H	Reported: 2/13/2023 11:26:27AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2306058-BLK1) Prepared: 02/09/23 Analyzed: 02/09/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.456		0.500		91.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.479		0.500		95.7	70-130			
Surrogate: Toluene-d8	0.511		0.500		102	70-130			

LCS (2306058-BS2) Prepared: 02/09/23 Analyzed: 02/09/23

Gasoline Range Organics (C6-C10)	62.3	20.0	50.0		125	70-130			
Surrogate: Bromofluorobenzene	0.462		0.500		92.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.4	70-130			
Surrogate: Toluene-d8	0.505		0.500		101	70-130			

Matrix Spike (2306058-MS2) Source: E302040-04 Prepared: 02/09/23 Analyzed: 02/10/23

Gasoline Range Organics (C6-C10)	55.8	20.0	50.0	ND	112	70-130			
Surrogate: Bromofluorobenzene	0.456		0.500		91.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.495		0.500		99.0	70-130			
Surrogate: Toluene-d8	0.515		0.500		103	70-130			

Matrix Spike Dup (2306058-MSD2) Source: E302040-04 Prepared: 02/09/23 Analyzed: 02/10/23

Gasoline Range Organics (C6-C10)	55.2	20.0	50.0	ND	110	70-130	1.12	20	
Surrogate: Bromofluorobenzene	0.460		0.500		92.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.479		0.500		95.8	70-130			
Surrogate: Toluene-d8	0.514		0.500		103	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 ST 3H	Reported: 2/13/2023 11:26:27AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2306062-BLK1)					Prepared: 02/09/23 Analyzed: 02/09/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.4		50.0		98.7	50-200			

LCS (2306062-BS1)					Prepared: 02/09/23 Analyzed: 02/09/23				
Diesel Range Organics (C10-C28)	260	25.0	250		104	38-132			
Surrogate: n-Nonane	58.4		50.0		117	50-200			

Matrix Spike (2306062-MS1)					Source: E302040-09		Prepared: 02/09/23 Analyzed: 02/09/23		
Diesel Range Organics (C10-C28)	247	25.0	250	ND	99.0	38-132			
Surrogate: n-Nonane	57.5		50.0		115	50-200			

Matrix Spike Dup (2306062-MSD1)					Source: E302040-09		Prepared: 02/09/23 Analyzed: 02/09/23		
Diesel Range Organics (C10-C28)	255	25.0	250	ND	102	38-132	3.16	20	
Surrogate: n-Nonane	56.4		50.0		113	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 ST 3H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/13/2023 11:26:27AM

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2306071-BLK1)					Prepared: 02/09/23 Analyzed: 02/09/23				
Chloride	ND	20.0							
LCS (2306071-BS1)					Prepared: 02/09/23 Analyzed: 02/09/23				
Chloride	264	20.0	250		105	90-110			
Matrix Spike (2306071-MS1)					Source: E302039-21		Prepared: 02/09/23 Analyzed: 02/09/23		
Chloride	266	20.0	250	ND	107	80-120			
Matrix Spike Dup (2306071-MSD1)					Source: E302039-21		Prepared: 02/09/23 Analyzed: 02/09/23		
Chloride	268	20.0	250	ND	107	80-120	0.610	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.
Therefore, hand calculated values may differ slightly.



Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 ST 3H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	02/13/23 11:26

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Project Information

Chain of Custody

Page 1 of 2

Client: Pima Environmental Services					Bill To		Lab Use Only		TAT				EPA Program						
Project: <u>Bella Vista 19 SF 3H</u>					Attention: <u>Devon</u>		Lab WO# <u>E 302040</u>		Job Number <u>01058-0007</u>		1D	2D	3D	Standard	CWA	SDWA			
Project Manager: Tom Bynum					Address:		Analysis and Method							X					
Address: 5614 N. Lovington Hwy.					City, State, Zip												RCRA		
City, State, Zip: Hobbs, NM, 88240					Phone:														
Phone: 580-748-1613					Email:										State				
Email: tom@pimaoil.com					Pima Project #										NM	CO	UT	AZ	TX
Report due by:															X				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/RO by 8015	GRO/RO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC NM	BGDOC TX	Remarks				
11:00	2/6/23	S	1	S1-1'	1								X						
11:05				S1-3'	2														
11:10				S1-4'	3														
11:15				S2-1'	4														
11:20				S2-3'	5														
11:25				S2-4'	6														
11:30				S3-1'	7														
11:35				S3-3'	8														
11:40				S3-4'	9														
11:45				SWI	10														
Additional Instructions: <u>Billing #:</u>																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: <u>Audriana Benandez</u>																			
Relinquished by: (Signature) <u>AB</u>		Date <u>2-7-23</u>	Time <u>2:00</u>	Received by: (Signature) <u>Michelle Cuyll</u>		Date <u>2-7-23</u>	Time <u>1500</u>	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.											
Relinquished by: (Signature) <u>Michelle Cuyll</u>		Date <u>2-7-23</u>	Time <u>1750</u>	Received by: (Signature) <u>Lorena</u>		Date <u>2-7-23</u>	Time <u>1750</u>	Lab Use Only Received on ice: <u>Y</u> / N											
Relinquished by: (Signature) <u>Lorena</u>		Date <u>2-7-23</u>	Time <u>2345</u>	Received by: (Signature) <u>Devon</u>		Date <u>2/8/23</u>	Time <u>7:30</u>	T1 _____ T2 _____ T3 _____											
Sample Matrix: <u>S</u> - Solid, Sg - Sludge, A - Aqueous, O - Other							Container Type: <u>g</u> - glass, p - poly/plastic, ag - amber glass, v - VOA												
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			


envirotech

Client: Pima Environmental Services		Bill To		Lab Use Only				TAT				EPA Program				
Project: Bell Lake St 3H		Attention: Devon		Lab WO#		Job Number		1D	2D	3D	Standard	CWA	SDWA			
Project Manager: Tom Bynum		Address:		E 302040		01058-0057					X					
Address: 5614 N. Lovington Hwy.		City, State, Zip		Analysis and Method									RCRA			
City, State, Zip: Hobbs, NM, 88240		Phone:										State				
Phone: 580-748-1613		Email:										NM			TX	
Email: tom@pimaoil.com		Pima Project #		CO by 8015	CO by 8015	8021	8260	3010	300.0			NM	CO	UT	AZ	TX
Report due by:												X				

[illegible]

Additional Instructions:

Billing #:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature) <i>AB</i>	Date 2-7-23	Time 2:00	Received by: (Signature) <i>Michelle Cuyk</i>	Date 2-7-23	Time 1500	Lab Use Only Received on ice: <input checked="" type="radio"/> Y / <input type="radio"/> N
Relinquished by: (Signature) <i>Michelle Cuyk</i>	Date 2-7-23	Time 1750	Received by: (Signature) <i>Lawrence Fer</i>	Date 2-7-23	Time 1750	T1 _____ T2 _____ T3 _____
Relinquished by: (Signature) <i>Lawrence Fer</i>	Date 2-7-23	Time 2345	Received by: (Signature) <i>Julie 3/2/23</i>	Date 2/8/23	Time 7:30	AVG Temp °C <u>4.0</u>

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 2/8/2023 1:38:40PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Pima Environmental Services-Carlsbad	Date Received:	02/08/23 07:30	Work Order ID:	E302040
Phone:	(575) 631-6977	Date Logged In:	02/08/23 09:52	Logged In By:	Caitlin Christian
Email:	tom@pimaoil.com	Due Date:	02/14/23 07:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Gio Gomez



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Bell Lake 19 State 3H

Work Order: E408161

Job Number: 01058-0007

Received: 8/20/2024

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/28/24

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.

Date Reported: 8/28/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247



Project Name: Bell Lake 19 State 3H
Workorder: E408161
Date Received: 8/20/2024 5:00:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/20/2024 5:00:00AM, under the Project Name: Bell Lake 19 State 3H.

The analytical test results summarized in this report with the Project Name: Bell Lake 19 State 3H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 State 3H	Reported: 08/28/24 09:57
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS1 - 0'	E408161-01A	Soil	08/15/24	08/20/24	Glass Jar, 2 oz.
CS1 - 1'	E408161-02A	Soil	08/15/24	08/20/24	Glass Jar, 2 oz.
CS1 - 2'	E408161-03A	Soil	08/15/24	08/20/24	Glass Jar, 2 oz.
CS1 - 3'	E408161-04A	Soil	08/15/24	08/20/24	Glass Jar, 2 oz.
CS1 - 4'	E408161-05A	Soil	08/15/24	08/20/24	Glass Jar, 2 oz.
CS2 - 0'	E408161-06A	Soil	08/15/24	08/20/24	Glass Jar, 2 oz.
CS2 - 1'	E408161-07A	Soil	08/15/24	08/20/24	Glass Jar, 2 oz.
CS2 - 2'	E408161-08A	Soil	08/15/24	08/20/24	Glass Jar, 2 oz.
CS2 - 3'	E408161-09A	Soil	08/15/24	08/20/24	Glass Jar, 2 oz.
CS2 - 4'	E408161-10A	Soil	08/15/24	08/20/24	Glass Jar, 2 oz.
CS3 - 0'	E408161-11A	Soil	08/15/24	08/20/24	Glass Jar, 2 oz.
CS3 - 1'	E408161-12A	Soil	08/15/24	08/20/24	Glass Jar, 2 oz.
CS3 - 2'	E408161-13A	Soil	08/15/24	08/20/24	Glass Jar, 2 oz.
CS3 - 3'	E408161-14A	Soil	08/15/24	08/20/24	Glass Jar, 2 oz.
CS3 - 4	E408161-15A	Soil	08/15/24	08/20/24	Glass Jar, 2 oz.
CSW1 (0-4') Comp	E408161-16A	Soil	08/15/24	08/20/24	Glass Jar, 2 oz.
CSW2 (0-4') Comp	E408161-17A	Soil	08/15/24	08/20/24	Glass Jar, 2 oz.
CSW3 (0-4') Comp	E408161-18A	Soil	08/15/24	08/20/24	Glass Jar, 2 oz.
CSW4 (0-4') Comp	E408161-19A	Soil	08/15/24	08/20/24	Glass Jar, 2 oz.



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Bell Lake 19 State 3H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 8/28/2024 9:57:05AM
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CS1 - 0'

E408161-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS		Batch: 2434024	
Benzene	ND	0.0250	1	08/20/24	08/20/24	
Ethylbenzene	ND	0.0250	1	08/20/24	08/20/24	
Toluene	ND	0.0250	1	08/20/24	08/20/24	
o-Xylene	ND	0.0250	1	08/20/24	08/20/24	
p,m-Xylene	ND	0.0500	1	08/20/24	08/20/24	
Total Xylenes	ND	0.0250	1	08/20/24	08/20/24	
Surrogate: Bromofluorobenzene		114 %	70-130	08/20/24	08/20/24	
Surrogate: 1,2-Dichloroethane-d4		87.3 %	70-130	08/20/24	08/20/24	
Surrogate: Toluene-d8		107 %	70-130	08/20/24	08/20/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2434024	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/20/24	08/20/24	
Surrogate: Bromofluorobenzene		114 %	70-130	08/20/24	08/20/24	
Surrogate: 1,2-Dichloroethane-d4		87.3 %	70-130	08/20/24	08/20/24	
Surrogate: Toluene-d8		107 %	70-130	08/20/24	08/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2434021	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/20/24	08/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/20/24	08/20/24	
Surrogate: n-Nonane		112 %	50-200	08/20/24	08/20/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2434030	
Chloride	ND	20.0	1	08/20/24	08/20/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Bell Lake 19 State 3H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 8/28/2024 9:57:05AM
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CS1 - 1'
E408161-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2434024
Benzene	ND	0.0250	1	08/20/24	08/20/24	
Ethylbenzene	ND	0.0250	1	08/20/24	08/20/24	
Toluene	ND	0.0250	1	08/20/24	08/20/24	
o-Xylene	ND	0.0250	1	08/20/24	08/20/24	
p,m-Xylene	ND	0.0500	1	08/20/24	08/20/24	
Total Xylenes	ND	0.0250	1	08/20/24	08/20/24	
Surrogate: Bromofluorobenzene		112 %	70-130	08/20/24	08/20/24	
Surrogate: 1,2-Dichloroethane-d4		89.0 %	70-130	08/20/24	08/20/24	
Surrogate: Toluene-d8		107 %	70-130	08/20/24	08/20/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2434024
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/20/24	08/20/24	
Surrogate: Bromofluorobenzene		112 %	70-130	08/20/24	08/20/24	
Surrogate: 1,2-Dichloroethane-d4		89.0 %	70-130	08/20/24	08/20/24	
Surrogate: Toluene-d8		107 %	70-130	08/20/24	08/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2434021
Diesel Range Organics (C10-C28)	ND	25.0	1	08/20/24	08/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/20/24	08/20/24	
Surrogate: n-Nonane		111 %	50-200	08/20/24	08/20/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2434030
Chloride	ND	20.0	1	08/20/24	08/20/24	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Bell Lake 19 State 3H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
8/28/2024 9:57:05AM

CS1 - 2'

E408161-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2434024
Benzene	ND	0.0250	1	08/20/24	08/20/24	
Ethylbenzene	0.0610	0.0250	1	08/20/24	08/20/24	
Toluene	ND	0.0250	1	08/20/24	08/20/24	
o-Xylene	0.0505	0.0250	1	08/20/24	08/20/24	
p,m-Xylene	0.102	0.0500	1	08/20/24	08/20/24	
Total Xylenes	0.153	0.0250	1	08/20/24	08/20/24	
Surrogate: Bromofluorobenzene		113 %	70-130	08/20/24	08/20/24	
Surrogate: 1,2-Dichloroethane-d4		89.3 %	70-130	08/20/24	08/20/24	
Surrogate: Toluene-d8		108 %	70-130	08/20/24	08/20/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2434024
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/20/24	08/20/24	
Surrogate: Bromofluorobenzene		113 %	70-130	08/20/24	08/20/24	
Surrogate: 1,2-Dichloroethane-d4		89.3 %	70-130	08/20/24	08/20/24	
Surrogate: Toluene-d8		108 %	70-130	08/20/24	08/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2434021
Diesel Range Organics (C10-C28)	ND	25.0	1	08/20/24	08/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/20/24	08/20/24	
Surrogate: n-Nonane		96.4 %	50-200	08/20/24	08/20/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2434030
Chloride	ND	20.0	1	08/20/24	08/20/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 State 3H	Reported: 8/28/2024 9:57:05AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS1 - 3'

E408161-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2434024
Benzene	ND	0.0250	1	08/20/24	08/20/24	
Ethylbenzene	0.336	0.0250	1	08/20/24	08/20/24	
Toluene	ND	0.0250	1	08/20/24	08/20/24	
o-Xylene	0.294	0.0250	1	08/20/24	08/20/24	
p,m-Xylene	0.563	0.0500	1	08/20/24	08/20/24	
Total Xylenes	0.856	0.0250	1	08/20/24	08/20/24	
Surrogate: Bromofluorobenzene		113 %	70-130	08/20/24	08/20/24	
Surrogate: 1,2-Dichloroethane-d4		90.8 %	70-130	08/20/24	08/20/24	
Surrogate: Toluene-d8		107 %	70-130	08/20/24	08/20/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2434024
Gasoline Range Organics (C6-C10)	22.2	20.0	1	08/20/24	08/20/24	
Surrogate: Bromofluorobenzene		113 %	70-130	08/20/24	08/20/24	
Surrogate: 1,2-Dichloroethane-d4		90.8 %	70-130	08/20/24	08/20/24	
Surrogate: Toluene-d8		107 %	70-130	08/20/24	08/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2434021
Diesel Range Organics (C10-C28)	ND	25.0	1	08/20/24	08/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/20/24	08/20/24	
Surrogate: n-Nonane		96.5 %	50-200	08/20/24	08/20/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2434030
Chloride	ND	20.0	1	08/20/24	08/20/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 State 3H	Reported: 8/28/2024 9:57:05AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS1 - 4'

E408161-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS		Batch: 2434024	
Benzene	ND	0.0250	1	08/20/24	08/20/24	
Ethylbenzene	0.424	0.0250	1	08/20/24	08/20/24	
Toluene	ND	0.0250	1	08/20/24	08/20/24	
o-Xylene	0.415	0.0250	1	08/20/24	08/20/24	
p,m-Xylene	0.759	0.0500	1	08/20/24	08/20/24	
Total Xylenes	1.17	0.0250	1	08/20/24	08/20/24	
Surrogate: Bromofluorobenzene		113 %	70-130	08/20/24	08/20/24	
Surrogate: 1,2-Dichloroethane-d4		90.6 %	70-130	08/20/24	08/20/24	
Surrogate: Toluene-d8		106 %	70-130	08/20/24	08/20/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2434024	
Gasoline Range Organics (C6-C10)	32.1	20.0	1	08/20/24	08/20/24	
Surrogate: Bromofluorobenzene		113 %	70-130	08/20/24	08/20/24	
Surrogate: 1,2-Dichloroethane-d4		90.6 %	70-130	08/20/24	08/20/24	
Surrogate: Toluene-d8		106 %	70-130	08/20/24	08/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2434021	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/20/24	08/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/20/24	08/20/24	
Surrogate: n-Nonane		95.1 %	50-200	08/20/24	08/20/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2434030	
Chloride	ND	20.0	1	08/20/24	08/20/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 State 3H	Reported: 8/28/2024 9:57:05AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS2 - 0'

E408161-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2434024
Benzene	ND	0.0250	1	08/20/24	08/20/24	
Ethylbenzene	ND	0.0250	1	08/20/24	08/20/24	
Toluene	ND	0.0250	1	08/20/24	08/20/24	
o-Xylene	ND	0.0250	1	08/20/24	08/20/24	
p,m-Xylene	ND	0.0500	1	08/20/24	08/20/24	
Total Xylenes	ND	0.0250	1	08/20/24	08/20/24	
Surrogate: Bromofluorobenzene		113 %	70-130	08/20/24	08/20/24	
Surrogate: 1,2-Dichloroethane-d4		92.7 %	70-130	08/20/24	08/20/24	
Surrogate: Toluene-d8		107 %	70-130	08/20/24	08/20/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2434024
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/20/24	08/20/24	
Surrogate: Bromofluorobenzene		113 %	70-130	08/20/24	08/20/24	
Surrogate: 1,2-Dichloroethane-d4		92.7 %	70-130	08/20/24	08/20/24	
Surrogate: Toluene-d8		107 %	70-130	08/20/24	08/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2434021
Diesel Range Organics (C10-C28)	ND	25.0	1	08/20/24	08/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/20/24	08/20/24	
Surrogate: n-Nonane		85.3 %	50-200	08/20/24	08/20/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2434030
Chloride	ND	20.0	1	08/20/24	08/20/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 State 3H	Reported: 8/28/2024 9:57:05AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS2 - 1'

E408161-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2434024
Benzene	ND	0.0250	1	08/20/24	08/20/24	
Ethylbenzene	ND	0.0250	1	08/20/24	08/20/24	
Toluene	ND	0.0250	1	08/20/24	08/20/24	
o-Xylene	ND	0.0250	1	08/20/24	08/20/24	
p,m-Xylene	ND	0.0500	1	08/20/24	08/20/24	
Total Xylenes	ND	0.0250	1	08/20/24	08/20/24	
Surrogate: Bromofluorobenzene		114 %	70-130	08/20/24	08/20/24	
Surrogate: 1,2-Dichloroethane-d4		93.5 %	70-130	08/20/24	08/20/24	
Surrogate: Toluene-d8		109 %	70-130	08/20/24	08/20/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2434024
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/20/24	08/20/24	
Surrogate: Bromofluorobenzene		114 %	70-130	08/20/24	08/20/24	
Surrogate: 1,2-Dichloroethane-d4		93.5 %	70-130	08/20/24	08/20/24	
Surrogate: Toluene-d8		109 %	70-130	08/20/24	08/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2434021
Diesel Range Organics (C10-C28)	ND	25.0	1	08/20/24	08/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/20/24	08/20/24	
Surrogate: n-Nonane		88.2 %	50-200	08/20/24	08/20/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2434030
Chloride	ND	20.0	1	08/20/24	08/20/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 State 3H	Reported: 8/28/2024 9:57:05AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS2 - 2'

E408161-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2434024
Benzene	ND	0.0250	1	08/20/24	08/20/24	
Ethylbenzene	0.170	0.0250	1	08/20/24	08/20/24	
Toluene	ND	0.0250	1	08/20/24	08/20/24	
o-Xylene	0.154	0.0250	1	08/20/24	08/20/24	
p,m-Xylene	0.290	0.0500	1	08/20/24	08/20/24	
Total Xylenes	0.444	0.0250	1	08/20/24	08/20/24	
Surrogate: Bromofluorobenzene		112 %	70-130	08/20/24	08/20/24	
Surrogate: 1,2-Dichloroethane-d4		89.7 %	70-130	08/20/24	08/20/24	
Surrogate: Toluene-d8		108 %	70-130	08/20/24	08/20/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2434024
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/20/24	08/20/24	
Surrogate: Bromofluorobenzene		112 %	70-130	08/20/24	08/20/24	
Surrogate: 1,2-Dichloroethane-d4		89.7 %	70-130	08/20/24	08/20/24	
Surrogate: Toluene-d8		108 %	70-130	08/20/24	08/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2434021
Diesel Range Organics (C10-C28)	ND	25.0	1	08/20/24	08/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/20/24	08/20/24	
Surrogate: n-Nonane		98.9 %	50-200	08/20/24	08/20/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2434030
Chloride	ND	20.0	1	08/20/24	08/20/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 State 3H	Reported: 8/28/2024 9:57:05AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS2 - 3'

E408161-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2434024
Benzene	ND	0.0250	1	08/20/24	08/20/24	
Ethylbenzene	0.0345	0.0250	1	08/20/24	08/20/24	
Toluene	ND	0.0250	1	08/20/24	08/20/24	
o-Xylene	0.0310	0.0250	1	08/20/24	08/20/24	
p,m-Xylene	0.0560	0.0500	1	08/20/24	08/20/24	
Total Xylenes	0.0870	0.0250	1	08/20/24	08/20/24	
Surrogate: Bromofluorobenzene		113 %	70-130	08/20/24	08/20/24	
Surrogate: 1,2-Dichloroethane-d4		89.4 %	70-130	08/20/24	08/20/24	
Surrogate: Toluene-d8		108 %	70-130	08/20/24	08/20/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2434024
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/20/24	08/20/24	
Surrogate: Bromofluorobenzene		113 %	70-130	08/20/24	08/20/24	
Surrogate: 1,2-Dichloroethane-d4		89.4 %	70-130	08/20/24	08/20/24	
Surrogate: Toluene-d8		108 %	70-130	08/20/24	08/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2434021
Diesel Range Organics (C10-C28)	ND	25.0	1	08/20/24	08/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/20/24	08/20/24	
Surrogate: n-Nonane		97.5 %	50-200	08/20/24	08/20/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2434030
Chloride	ND	20.0	1	08/20/24	08/20/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 State 3H	Reported: 8/28/2024 9:57:05AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS2 - 4'

E408161-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2434024
Benzene	ND	0.0250	1	08/20/24	08/20/24	
Ethylbenzene	0.244	0.0250	1	08/20/24	08/20/24	
Toluene	ND	0.0250	1	08/20/24	08/20/24	
o-Xylene	0.225	0.0250	1	08/20/24	08/20/24	
p,m-Xylene	0.423	0.0500	1	08/20/24	08/20/24	
Total Xylenes	0.648	0.0250	1	08/20/24	08/20/24	
Surrogate: Bromofluorobenzene		113 %	70-130	08/20/24	08/20/24	
Surrogate: 1,2-Dichloroethane-d4		91.4 %	70-130	08/20/24	08/20/24	
Surrogate: Toluene-d8		107 %	70-130	08/20/24	08/20/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2434024
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/20/24	08/20/24	
Surrogate: Bromofluorobenzene		113 %	70-130	08/20/24	08/20/24	
Surrogate: 1,2-Dichloroethane-d4		91.4 %	70-130	08/20/24	08/20/24	
Surrogate: Toluene-d8		107 %	70-130	08/20/24	08/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2434021
Diesel Range Organics (C10-C28)	ND	25.0	1	08/20/24	08/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/20/24	08/20/24	
Surrogate: n-Nonane		95.0 %	50-200	08/20/24	08/20/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2434030
Chloride	ND	20.0	1	08/20/24	08/20/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 State 3H	Reported: 8/28/2024 9:57:05AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS3 - 0'

E408161-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2434024	
Benzene	ND	0.0250	1	08/20/24	08/20/24	
Ethylbenzene	ND	0.0250	1	08/20/24	08/20/24	
Toluene	ND	0.0250	1	08/20/24	08/20/24	
o-Xylene	ND	0.0250	1	08/20/24	08/20/24	
p,m-Xylene	ND	0.0500	1	08/20/24	08/20/24	
Total Xylenes	ND	0.0250	1	08/20/24	08/20/24	
Surrogate: Bromofluorobenzene		114 %	70-130	08/20/24	08/20/24	
Surrogate: 1,2-Dichloroethane-d4		90.9 %	70-130	08/20/24	08/20/24	
Surrogate: Toluene-d8		107 %	70-130	08/20/24	08/20/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2434024	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/20/24	08/20/24	
Surrogate: Bromofluorobenzene		114 %	70-130	08/20/24	08/20/24	
Surrogate: 1,2-Dichloroethane-d4		90.9 %	70-130	08/20/24	08/20/24	
Surrogate: Toluene-d8		107 %	70-130	08/20/24	08/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2434021	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/20/24	08/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/20/24	08/20/24	
Surrogate: n-Nonane		100 %	50-200	08/20/24	08/20/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2434030	
Chloride	ND	20.0	1	08/20/24	08/20/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 State 3H	Reported: 8/28/2024 9:57:05AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS3 - 1'

E408161-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS		Batch: 2434024	
Benzene	ND	0.0250	1	08/20/24	08/20/24	
Ethylbenzene	ND	0.0250	1	08/20/24	08/20/24	
Toluene	ND	0.0250	1	08/20/24	08/20/24	
o-Xylene	ND	0.0250	1	08/20/24	08/20/24	
p,m-Xylene	ND	0.0500	1	08/20/24	08/20/24	
Total Xylenes	ND	0.0250	1	08/20/24	08/20/24	
Surrogate: Bromofluorobenzene		110 %	70-130	08/20/24	08/20/24	
Surrogate: 1,2-Dichloroethane-d4		92.2 %	70-130	08/20/24	08/20/24	
Surrogate: Toluene-d8		105 %	70-130	08/20/24	08/20/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2434024	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/20/24	08/20/24	
Surrogate: Bromofluorobenzene		110 %	70-130	08/20/24	08/20/24	
Surrogate: 1,2-Dichloroethane-d4		92.2 %	70-130	08/20/24	08/20/24	
Surrogate: Toluene-d8		105 %	70-130	08/20/24	08/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2434021	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/20/24	08/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/20/24	08/20/24	
Surrogate: n-Nonane		105 %	50-200	08/20/24	08/20/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2434030	
Chloride	ND	20.0	1	08/20/24	08/20/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 State 3H	Reported: 8/28/2024 9:57:05AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS3 - 2'

E408161-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS		Batch: 2434024	
Benzene	ND	0.0250	1	08/20/24	08/20/24	
Ethylbenzene	ND	0.0250	1	08/20/24	08/20/24	
Toluene	ND	0.0250	1	08/20/24	08/20/24	
o-Xylene	ND	0.0250	1	08/20/24	08/20/24	
p,m-Xylene	ND	0.0500	1	08/20/24	08/20/24	
Total Xylenes	ND	0.0250	1	08/20/24	08/20/24	
Surrogate: Bromofluorobenzene		100 %	70-130	08/20/24	08/20/24	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130	08/20/24	08/20/24	
Surrogate: Toluene-d8		96.8 %	70-130	08/20/24	08/20/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2434024	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/20/24	08/20/24	
Surrogate: Bromofluorobenzene		100 %	70-130	08/20/24	08/20/24	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130	08/20/24	08/20/24	
Surrogate: Toluene-d8		96.8 %	70-130	08/20/24	08/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2434021	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/20/24	08/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/20/24	08/20/24	
Surrogate: n-Nonane		97.0 %	50-200	08/20/24	08/20/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2434030	
Chloride	ND	20.0	1	08/20/24	08/20/24	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Bell Lake 19 State 3H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
8/28/2024 9:57:05AM

CS3 - 3'

E408161-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2434024
Benzene	ND	0.0250	1	08/20/24	08/20/24	
Ethylbenzene	ND	0.0250	1	08/20/24	08/20/24	
Toluene	ND	0.0250	1	08/20/24	08/20/24	
o-Xylene	ND	0.0250	1	08/20/24	08/20/24	
p,m-Xylene	ND	0.0500	1	08/20/24	08/20/24	
Total Xylenes	ND	0.0250	1	08/20/24	08/20/24	
Surrogate: Bromofluorobenzene		101 %	70-130	08/20/24	08/20/24	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130	08/20/24	08/20/24	
Surrogate: Toluene-d8		98.0 %	70-130	08/20/24	08/20/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2434024
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/20/24	08/20/24	
Surrogate: Bromofluorobenzene		101 %	70-130	08/20/24	08/20/24	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130	08/20/24	08/20/24	
Surrogate: Toluene-d8		98.0 %	70-130	08/20/24	08/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2434021
Diesel Range Organics (C10-C28)	ND	25.0	1	08/20/24	08/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/20/24	08/20/24	
Surrogate: n-Nonane		105 %	50-200	08/20/24	08/20/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2434030
Chloride	ND	20.0	1	08/20/24	08/20/24	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Bell Lake 19 State 3H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
8/28/2024 9:57:05AM

CS3 - 4

E408161-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2434024
Benzene	ND	0.0250	1	08/20/24	08/20/24	
Ethylbenzene	0.0420	0.0250	1	08/20/24	08/20/24	
Toluene	ND	0.0250	1	08/20/24	08/20/24	
o-Xylene	0.0345	0.0250	1	08/20/24	08/20/24	
p,m-Xylene	0.0685	0.0500	1	08/20/24	08/20/24	
Total Xylenes	0.103	0.0250	1	08/20/24	08/20/24	
Surrogate: Bromofluorobenzene	102 %	70-130		08/20/24	08/20/24	
Surrogate: 1,2-Dichloroethane-d4	95.1 %	70-130		08/20/24	08/20/24	
Surrogate: Toluene-d8	97.5 %	70-130		08/20/24	08/20/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2434024
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/20/24	08/20/24	
Surrogate: Bromofluorobenzene	102 %	70-130		08/20/24	08/20/24	
Surrogate: 1,2-Dichloroethane-d4	95.1 %	70-130		08/20/24	08/20/24	
Surrogate: Toluene-d8	97.5 %	70-130		08/20/24	08/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2434021
Diesel Range Organics (C10-C28)	ND	25.0	1	08/20/24	08/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/20/24	08/20/24	
Surrogate: n-Nonane	104 %	50-200		08/20/24	08/20/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2434030
Chloride	ND	20.0	1	08/20/24	08/20/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 State 3H	Reported: 8/28/2024 9:57:05AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CSW1 (0-4') Comp
E408161-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2434024
Benzene	ND	0.0250	1	08/20/24	08/20/24	
Ethylbenzene	ND	0.0250	1	08/20/24	08/20/24	
Toluene	ND	0.0250	1	08/20/24	08/20/24	
o-Xylene	ND	0.0250	1	08/20/24	08/20/24	
p,m-Xylene	ND	0.0500	1	08/20/24	08/20/24	
Total Xylenes	ND	0.0250	1	08/20/24	08/20/24	
Surrogate: Bromofluorobenzene		101 %	70-130	08/20/24	08/20/24	
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130	08/20/24	08/20/24	
Surrogate: Toluene-d8		99.6 %	70-130	08/20/24	08/20/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2434024
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/20/24	08/20/24	
Surrogate: Bromofluorobenzene		101 %	70-130	08/20/24	08/20/24	
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130	08/20/24	08/20/24	
Surrogate: Toluene-d8		99.6 %	70-130	08/20/24	08/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2434021
Diesel Range Organics (C10-C28)	ND	25.0	1	08/20/24	08/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/20/24	08/20/24	
Surrogate: n-Nonane		102 %	50-200	08/20/24	08/20/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2434030
Chloride	ND	20.0	1	08/20/24	08/20/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 State 3H	Reported: 8/28/2024 9:57:05AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CSW2 (0-4') Comp
E408161-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2434024
Benzene	ND	0.0250	1	08/20/24	08/20/24	
Ethylbenzene	ND	0.0250	1	08/20/24	08/20/24	
Toluene	ND	0.0250	1	08/20/24	08/20/24	
o-Xylene	ND	0.0250	1	08/20/24	08/20/24	
p,m-Xylene	ND	0.0500	1	08/20/24	08/20/24	
Total Xylenes	ND	0.0250	1	08/20/24	08/20/24	
Surrogate: Bromofluorobenzene		102 %	70-130	08/20/24	08/20/24	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130	08/20/24	08/20/24	
Surrogate: Toluene-d8		98.5 %	70-130	08/20/24	08/20/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2434024
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/20/24	08/20/24	
Surrogate: Bromofluorobenzene		102 %	70-130	08/20/24	08/20/24	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130	08/20/24	08/20/24	
Surrogate: Toluene-d8		98.5 %	70-130	08/20/24	08/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2434021
Diesel Range Organics (C10-C28)	ND	25.0	1	08/20/24	08/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/20/24	08/20/24	
Surrogate: n-Nonane		90.5 %	50-200	08/20/24	08/20/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2434030
Chloride	ND	20.0	1	08/20/24	08/20/24	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Bell Lake 19 State 3H
Project Number: 01058-0007
Project Manager: Gio Gomez

Reported:
8/28/2024 9:57:05AM

CSW3 (0-4') Comp

E408161-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2434024
Benzene	ND	0.0250	1	08/20/24	08/20/24	
Ethylbenzene	ND	0.0250	1	08/20/24	08/20/24	
Toluene	ND	0.0250	1	08/20/24	08/20/24	
o-Xylene	ND	0.0250	1	08/20/24	08/20/24	
p,m-Xylene	ND	0.0500	1	08/20/24	08/20/24	
Total Xylenes	ND	0.0250	1	08/20/24	08/20/24	
Surrogate: Bromofluorobenzene		101 %	70-130	08/20/24	08/20/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	08/20/24	08/20/24	
Surrogate: Toluene-d8		97.3 %	70-130	08/20/24	08/20/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2434024
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/20/24	08/20/24	
Surrogate: Bromofluorobenzene		101 %	70-130	08/20/24	08/20/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	08/20/24	08/20/24	
Surrogate: Toluene-d8		97.3 %	70-130	08/20/24	08/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2434021
Diesel Range Organics (C10-C28)	ND	25.0	1	08/20/24	08/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/20/24	08/20/24	
Surrogate: n-Nonane		84.3 %	50-200	08/20/24	08/20/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2434030
Chloride	ND	20.0	1	08/20/24	08/20/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 State 3H	Reported: 8/28/2024 9:57:05AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CSW4 (0-4') Comp
E408161-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2434024
Benzene	ND	0.0250	1	08/20/24	08/20/24	
Ethylbenzene	ND	0.0250	1	08/20/24	08/20/24	
Toluene	ND	0.0250	1	08/20/24	08/20/24	
o-Xylene	ND	0.0250	1	08/20/24	08/20/24	
p,m-Xylene	ND	0.0500	1	08/20/24	08/20/24	
Total Xylenes	ND	0.0250	1	08/20/24	08/20/24	
Surrogate: Bromofluorobenzene		102 %	70-130	08/20/24	08/20/24	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130	08/20/24	08/20/24	
Surrogate: Toluene-d8		97.9 %	70-130	08/20/24	08/20/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2434024
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/20/24	08/20/24	
Surrogate: Bromofluorobenzene		102 %	70-130	08/20/24	08/20/24	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130	08/20/24	08/20/24	
Surrogate: Toluene-d8		97.9 %	70-130	08/20/24	08/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2434021
Diesel Range Organics (C10-C28)	ND	25.0	1	08/20/24	08/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/20/24	08/20/24	
Surrogate: n-Nonane		89.7 %	50-200	08/20/24	08/20/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2434030
Chloride	ND	20.0	1	08/20/24	08/20/24	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 State 3H	Reported: 8/28/2024 9:57:05AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2434024-BLK1)

Prepared: 08/19/24 Analyzed: 08/19/24

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.505		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.497		0.500		99.4	70-130			
Surrogate: Toluene-d8	0.487		0.500		97.4	70-130			

LCS (2434024-BS1)

Prepared: 08/19/24 Analyzed: 08/19/24

Benzene	2.48	0.0250	2.50		99.0	70-130			
Ethylbenzene	2.48	0.0250	2.50		99.3	70-130			
Toluene	2.36	0.0250	2.50		94.6	70-130			
o-Xylene	2.47	0.0250	2.50		98.8	70-130			
p,m-Xylene	4.92	0.0500	5.00		98.4	70-130			
Total Xylenes	7.39	0.0250	7.50		98.5	70-130			
Surrogate: Bromofluorobenzene	0.509		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.486		0.500		97.1	70-130			
Surrogate: Toluene-d8	0.494		0.500		98.7	70-130			

LCS Dup (2434024-BSD1)

Prepared: 08/19/24 Analyzed: 08/19/24

Benzene	2.62	0.0250	2.50		105	70-130	5.75	23	
Ethylbenzene	2.63	0.0250	2.50		105	70-130	5.81	27	
Toluene	2.48	0.0250	2.50		99.4	70-130	4.97	24	
o-Xylene	2.65	0.0250	2.50		106	70-130	6.84	27	
p,m-Xylene	5.30	0.0500	5.00		106	70-130	7.40	27	
Total Xylenes	7.94	0.0250	7.50		106	70-130	7.22	27	
Surrogate: Bromofluorobenzene	0.508		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500		96.9	70-130			
Surrogate: Toluene-d8	0.494		0.500		98.7	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 State 3H	Reported: 8/28/2024 9:57:05AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2434024-BLK1) Prepared: 08/19/24 Analyzed: 08/19/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.505		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.497		0.500		99.4	70-130			
Surrogate: Toluene-d8	0.487		0.500		97.4	70-130			

LCS (2434024-BS2) Prepared: 08/19/24 Analyzed: 08/20/24

Gasoline Range Organics (C6-C10)	44.3	20.0	50.0		88.5	70-130			
Surrogate: Bromofluorobenzene	0.516		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.474		0.500		94.7	70-130			
Surrogate: Toluene-d8	0.493		0.500		98.6	70-130			

LCS Dup (2434024-BSD2) Prepared: 08/19/24 Analyzed: 08/20/24

Gasoline Range Organics (C6-C10)	43.2	20.0	50.0		86.3	70-130	2.50	20	
Surrogate: Bromofluorobenzene	0.510		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.3	70-130			
Surrogate: Toluene-d8	0.497		0.500		99.4	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 State 3H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/28/2024 9:57:05AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2434021-BLK1)					Prepared: 08/20/24 Analyzed: 08/20/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	57.6		50.0		115	50-200			

LCS (2434021-BS1)					Prepared: 08/20/24 Analyzed: 08/20/24				
Diesel Range Organics (C10-C28)	192	25.0	250		76.7	38-132			
Surrogate: n-Nonane	53.9		50.0		108	50-200			

LCS Dup (2434021-BSD1)					Prepared: 08/20/24 Analyzed: 08/20/24				
Diesel Range Organics (C10-C28)	190	25.0	250		75.8	38-132	1.08	20	
Surrogate: n-Nonane	55.8		50.0		112	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 State 3H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	8/28/2024 9:57:05AM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2434030-BLK1)					Prepared: 08/20/24 Analyzed: 08/20/24				
Chloride	ND	20.0							
LCS (2434030-BS1)					Prepared: 08/20/24 Analyzed: 08/20/24				
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2434030-MS1)					Source: E408161-03		Prepared: 08/20/24 Analyzed: 08/20/24		
Chloride	253	20.0	250	ND	101	80-120			
Matrix Spike Dup (2434030-MSD1)					Source: E408161-03		Prepared: 08/20/24 Analyzed: 08/20/24		
Chloride	254	20.0	250	ND	102	80-120	0.612	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.
Therefore, hand calculated values may differ slightly.



Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 State 3H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	08/28/24 09:57

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Project Information

Chain of Custody

Page 1 of 2

Client: Pima Environmental Services Project: Bell Lake 19 State 3H Project Manager: Gio Gomez Address: 5614 N. Lovington Hwy. City, State, Zip: Hobbs, NM, 88240 Phone: 806-782-1151 Email: gio@pimaoil.com Report due by:					Attention: Devon Address: City, State, Zip: Phone: Email: Pima Project # 1-312					Lab Use Only Lab WO# E408161 Job Number 01058-0007 Analysis and Method DRO/ORO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8250 Metals 6010 Chloride 300.0 BGDOC NM BGDOC TX					TAT 1D 2D 3D <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			EPA Program CWA SDWA RCRA	
State NM CO UT AZ TX <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>					Remarks														

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number
11:10	8/15	S		CS1-0'	1
11:27				CS1-1'	2
11:23				CS1-2'	3
11:29				CS1-3'	4
11:33				CS1-4'	5
11:35				CS2-0'	6
11:42				CS2-1'	7
11:49				CS2-2'	8
11:56				CS2-3'	9
12:12				CS2-4'	10

Additional Instructions: Billing # 21190399

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Relinquished by: (Signature) Kerime Hame **Date** 8/19/24 **Time** 2:20

Received by: (Signature) Michelle Gonzales **Date** 8/19/24 **Time** 1420

Relinquished by: (Signature) Michelle Gonzales **Date** 8/19/24 **Time** 1940

Received by: (Signature) J.M. **Date** 8-19-24 **Time** 1940

Relinquished by: (Signature) J.M. **Date** 8-20-24 **Time** 0415

Received by: (Signature) Kaylyn R Heel **Date** 8-20-24 **Time** 0500

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Lab Use Only
 Received on ice: ☒ Y / ☐ N
 T1 T2 T3
 AVG Temp °C 4

Project Information

Chain of Custody

Page 2 of 2

Client: Pima Environmental Services Project: Bell Lake 19 State 3-H Project Manager: Gio Gomez Address: 5614 N. Lovington Hwy. City, State, Zip: Hobbs, NM, 88240 Phone: 806-782-1151 Email: gio@pimaoil.com Report due by:					Bill To Attention: Devon Address: City, State, Zip: Phone: Email: Pima Project # 1-312					Lab Use Only Lab WO# E408161 Job Number 01058-0007 Analysis and Method DRO/ORO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8250 Metals 6010 Chloride 300.0 BGDOC NM BGDOC TX					TAT 1D 2D 3D <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			EPA Program CWA SDWA RCRA	
State NM CO UT AZ TX <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>					Remarks														
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number														
12:23	8/15	S		CS3-0'	11														
12:31				CS3-1'	12														
12:36				CS3-2'	13														
12:42				CS3-3'	14														
12:51				CS3-4'	15														
1:17				CSW1 (0-4') comp	16														
1:20				CSW2 (0-4') comp	17														
1:28				CSW3 (0-4') comp	18														
1:31				CSW4 (0-4') comp	19														

Additional Instructions:

Billing# Z1190399

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by:

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature) Karime Adams	Date 8/19/24	Time 2:20	Received by: (Signature) Michelle Gonzales	Date 8-19-24	Time 1420	Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
Relinquished by: (Signature) Michelle Gonzales	Date 8-19-24	Time 1940	Received by: (Signature) J.M.	Date 8-19-24	Time 1940	
Relinquished by: (Signature) J.M.	Date 8-20-24	Time 0415	Received by: (Signature) Kuylyk R. Hall	Date 8-20-24	Time 0500	

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 8/20/2024 9:11:32AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Pima Environmental Services-Carlsbad	Date Received:	08/20/24 05:00	Work Order ID:	E408161
Phone:	(575) 631-6977	Date Logged In:	08/19/24 16:11	Logged In By:	Noe Soto
Email:	gio@pimaoil.com	Due Date:	08/20/24 17:00 (0 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/Resolution

No. of Containers and sampled by name is missing on COC by client.

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

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QUESTIONS

Action 382315

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	382315
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nTO1417636911
Incident Name	NT01417636911 BELL LAKE 19 STATE #003H @ 30-025-41516
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-025-41516] BELL LAKE 19 STATE #003H

Location of Release Source	
Please answer all the questions in this group.	
Site Name	BELL LAKE 19 STATE #003H
Date Release Discovered	06/19/2014
Surface Owner	State

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Human Error Other (Specify) Produced Water Released: 30 BBL Recovered: 30 BBL Lost: 0 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 382315

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	382315
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

Initial Response

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

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

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

I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 09/10/2024
--	--

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QUESTIONS, Page 3

Action 382315

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 382315
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS**Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
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	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan

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

Requesting a remediation plan approval with this submission	Yes
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.	
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)	1920
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
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	02/06/2023
On what date will (or did) the final sampling or liner inspection occur	08/15/2024
On what date will (or was) the remediation complete(d)	08/15/2024
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	0
What is the estimated volume (in cubic yards) that will be remediated	0

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

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

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QUESTIONS, Page 4

Action 382315

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 382315
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	<i>Not answered.</i>
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	<i>Not answered.</i>
(In Situ) Soil Vapor Extraction	<i>Not answered.</i>
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	<i>Not answered.</i>
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	<i>Not answered.</i>
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	<i>Not answered.</i>
Ground Water Abatement pursuant to 19.15.30 NMAC	<i>Not answered.</i>
OTHER (Non-listed remedial process)	Yes
Other Non-listed Remedial Process. Please specify	soils were below NM OCD action levels
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 09/10/2024
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 382315

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 382315
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
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.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 382315

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	382315
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	373415
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/15/2024
What was the (estimated) number of samples that were to be gathered	19
What was the sampling surface area in square feet	584

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	0
What was the total volume (cubic yards) remediated	0
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	see reports

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 09/10/2024
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District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS, Page 7

Action 382315

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:
	6137
	Action Number:
	382315
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 382315

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 382315
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	Remediation closure approved.	9/12/2024
amaxwell	A reclamation report will not be accepted until reclamation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	9/12/2024
amaxwell	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	9/12/2024