

Incident ID	nAPP2230656230
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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?	<u>>100</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: Each of the following items must be included in the report.

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☒ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☒ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

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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.

Printed Name: Dale Woodall Title: Environmental Professional

Signature: Dale Woodall Date: 4/17/2023

email: dale.woodall@dv.com Telephone: 575-748-1839

OCD Only

Received by: Jocelyn Harimon Date: 04/17/2023

Incident ID	nAPP2230656230
District RP	
Facility ID	
Application ID	

Closure

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 (electronic submittals in .pdf format are preferred) 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.

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☐ Description of remediation activities

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.

Printed Name: Dale Woodall Title: Environmental Professional
Signature: Dale Woodall Date: 4/17/2023
email: dale.woodall@dvn.com Telephone: 575-748-1839

OCD Only

Received by: Jocelyn Harimon Date: 04/17/2023

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____



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

April 10, 2023

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

Re: Site Assessment, Liner Inspection and Closure Report
Bell Lake 19 State #001H
API No. 30-025-41024
GPS: Latitude 32.196472, Longitude -103.617622
UL "M", Sec.19, T24S, R33E
Lea County, NM
NMOCD Ref. No. NAPP2230656230

Devon Energy Production Company (Devon) has contracted Pima Environmental Services, LLC (Pima) to perform a spill assessment and prepare this Closure Report for a produced water release that occurred at the Bell Lake 19 State #001H (Bell Lake). The initial C-141 was submitted on November 16, 2022 (Appendix C). This incident was assigned Incident ID NAPP2230656230, 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 M, Section 19, Township 24S, Range 33E, Latitude 32.196472, Longitude -103.617622, Lea County, NM. Figure 1 references a Location Map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is in the 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 Pyote and Maljamar fine sands, 0 to 3 percent slopes and Ratliff-Wink fine sandy loams 0 to 3 percent slopes according to the United States Department of Agriculture Natural Resources Conservation Service soil survey (Appendix B). The drainage courses in this area are 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, the depth to the nearest groundwater in this area is 415 feet below grade surface (BGS). According to the United States Geological Survey (USGS), the nearest groundwater is 118 feet BGS. The closest waterway is a Salt Playa located approximately 13.89 miles to the northwest of this location. See Appendix A for referenced water surveys.

Table 1 NMAC and Closure Criteria 19.15.29					
Depth to Groundwater (Appendix B)	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

NAPP2230656230 On November 2, 2022, a water tank ran over causing produced water to be released. The released fluids were calculated to be approximately 303.239 barrels (bbls) of produced water. Vacuum trucks were able to recover approximately 292 bbls of fluid from the lined SPCC containment ring, and 10 bbls of standing fluid from outside the containment. Once fluids were removed, the liner was visually inspected by Devon field staff for any pinholes or punctures.

Site Assessment and Soil Sampling Results

On March 29, 2023, Pima mobilized personnel to the site to begin collecting soil samples from spill area. The laboratory results of this sampling event can be found in the following data table. A Site Map can be found in Figure 4.

3/29/23 Soil Sample Results								
NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
DEVON ENERGY - BELL LAKE 19 ST 1H								
Sample Date: 3/29/23		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	CI mg/kg
S-1	1'	ND	ND	ND	30.8	ND	30.8	111
	2'	ND	ND	ND	32.2	ND	32.2	126
	3'	ND	ND	ND	ND	ND	0	26.9
	4'	ND	ND	ND	ND	ND	0	ND
S-2	1'	ND	ND	ND	32	ND	32	110
	2'	ND	ND	ND	35.6	ND	35.6	122
	3'	ND	ND	ND	42.7	ND	42.7	26.9
	4'	ND	ND	ND	ND	ND	0	ND
S-3	1'	ND	ND	ND	31.6	ND	31.6	115
	2'	ND	ND	ND	45	54.1	99.1	143
	3'	ND	ND	ND	ND	ND	0	27.1
	4'	ND	ND	ND	ND	ND	0	ND
S-4	1'	ND	ND	ND	34	ND	34	125
	2'	ND	ND	ND	35.1	ND	35.1	119
	3'	ND	ND	ND	ND	ND	0	24.9
	4'	ND	ND	ND	ND	ND	0	ND
S-5	1'	ND	ND	ND	34	ND	34	118
	2'	ND	ND	ND	38.4	ND	38.4	134
	3'	ND	ND	ND	ND	ND	0	28.1
	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

Based on the soil sample results, the contamination levels are already less than the regulatory limits of the most stringent criteria in Table 1 of NMAC 19.15.29.1.

Complete laboratory results can be found in Appendix E.

Site Assessment and Liner Inspection

On April 9, 2023, after sending the 48-hour Notification (Appendix C) via email, Pima Environmental conducted a liner inspection at this location. We concluded that this liner and containment maintained its integrity and was able to retain the fluids. The Liner Inspection Form and photographic documentation can be found in Appendix D. Laboratory Reports can be found in Appendix E.

Closure Request

After careful review, Pima requests that this incident, NAPP2230656230 be closed. Devon has complied with the applicable closure requirements outlined in rule 19.15.19.12 NMAC.

Should you have any questions or need additional information, please feel free to contact Gio Gomez at 575-964-7740 or gio@pimaoil.com.

Respectfully,

Gio Gomez



Project Manager

Pima Environmental Services, LLC

Attachments

Figures:

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

Appendices:

Appendix A - Referenced Water Surveys

Appendix B - Soil Survey and Geological Data

Appendix C - C-141 Form & 48 Hr. Notification

Appendix D – Liner Inspection Form and Photographic Documentation

Appendix E - Laboratory Reports



Pima Environmental Services

Figures:

1-Location Map

2-Topographic Map



3-Karst Map

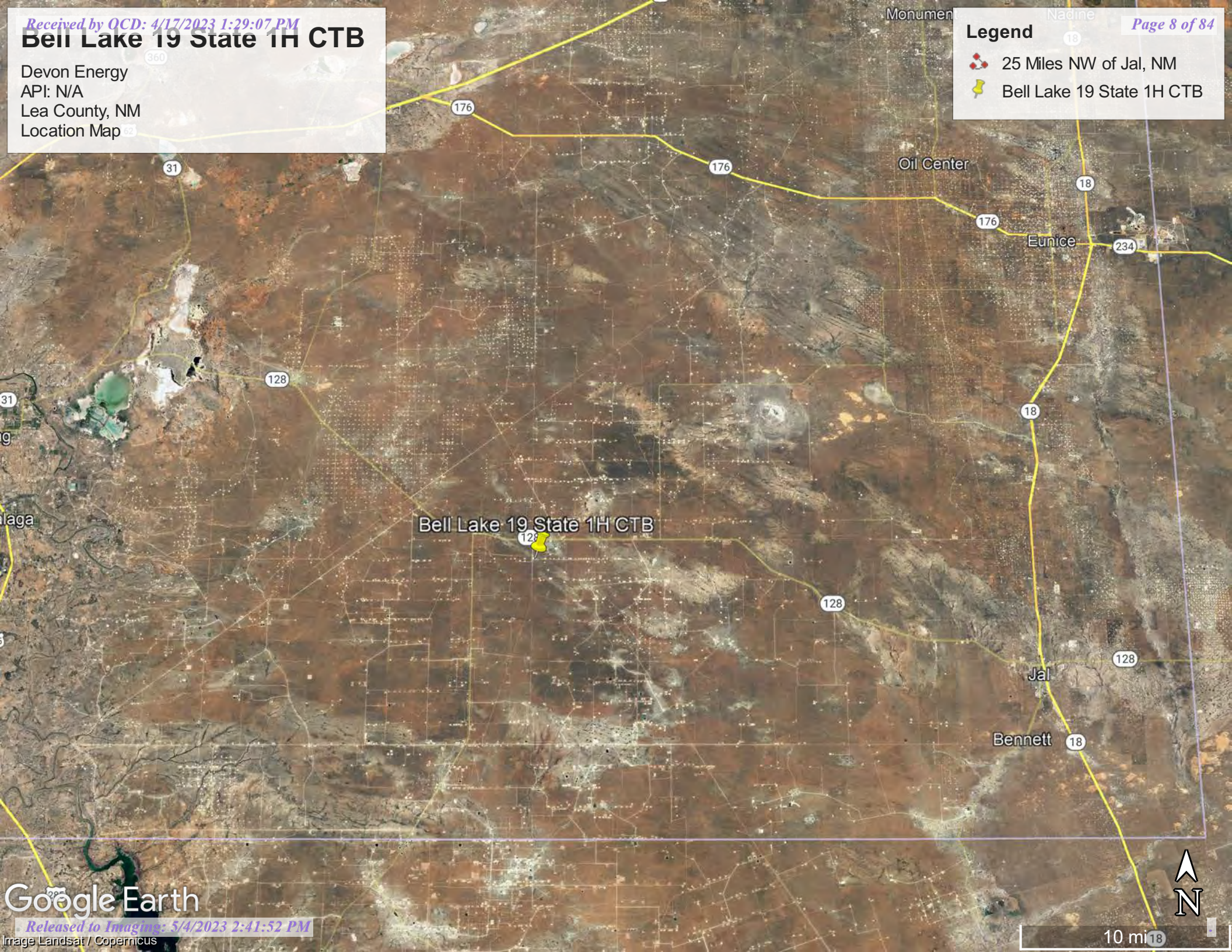
4-Confirmation Sample Map

Bell Lake 19 State 1H CTB

Devon Energy
API: N/A
Lea County, NM
Location Map

Legend

-  25 Miles NW of Jal, NM
-  Bell Lake 19 State 1H CTB




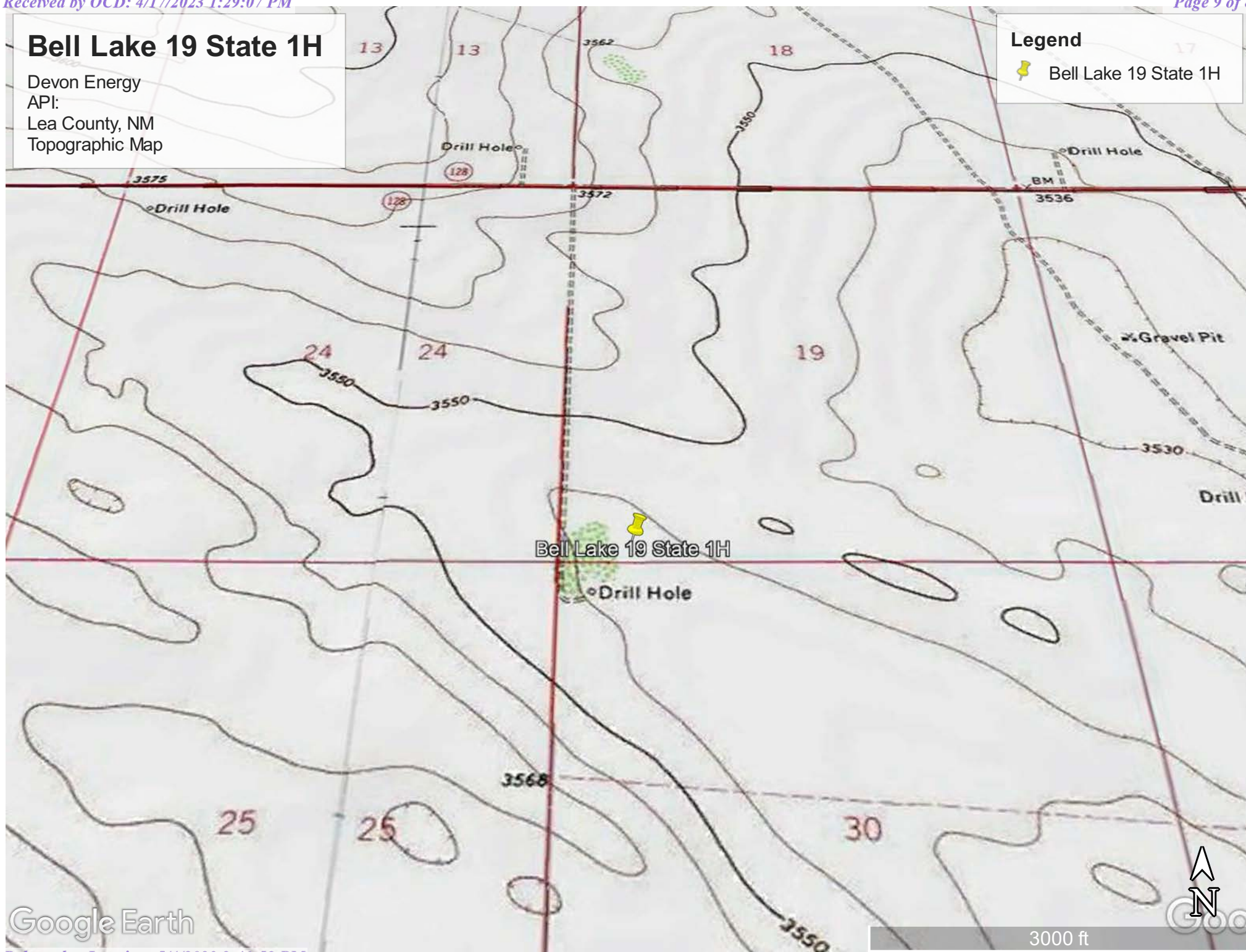
Google Earth

Bell Lake 19 State 1H

Devon Energy
API:
Lea County, NM
Topographic Map

Legend

 Bell Lake 19 State 1H




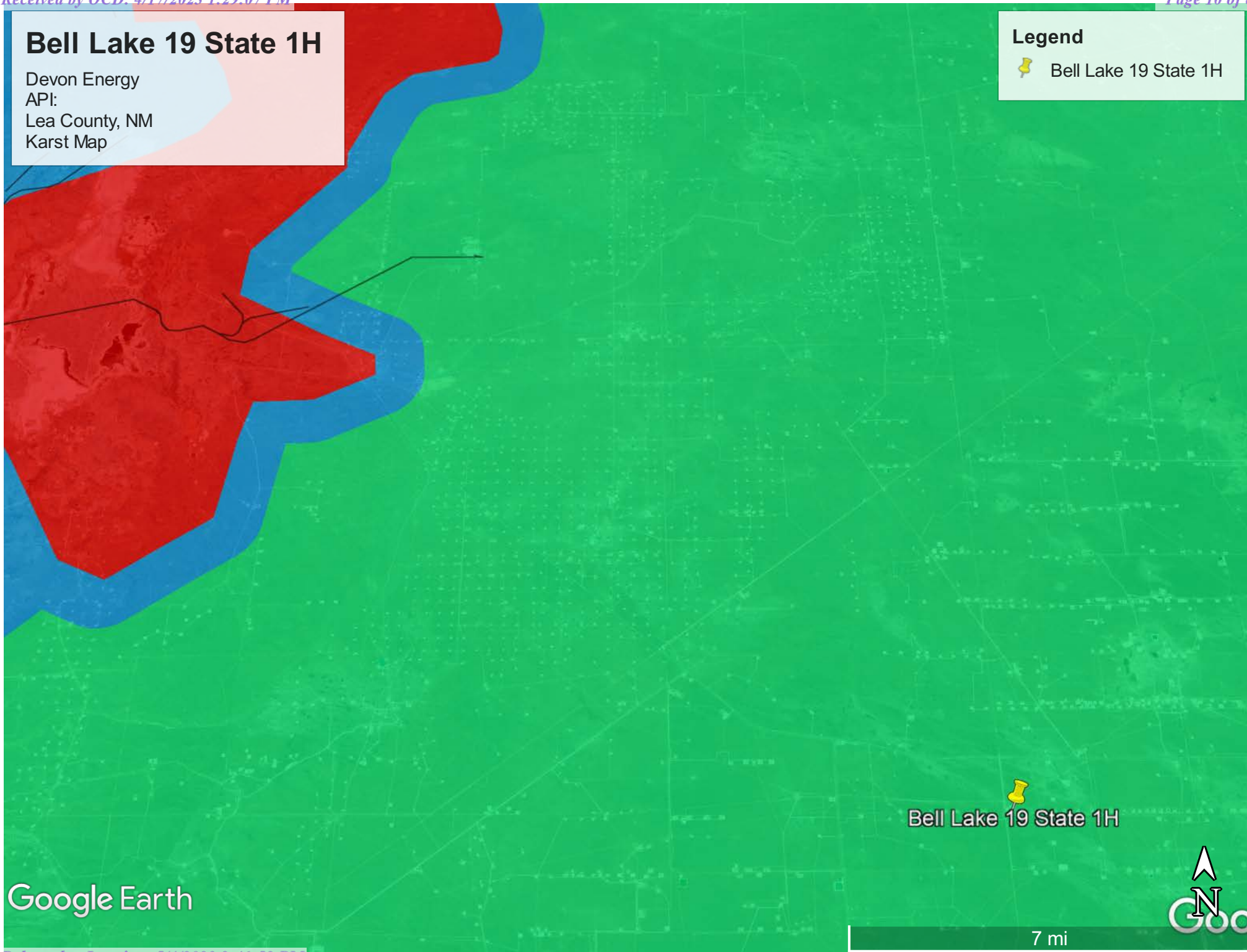
Google Earth

Bell Lake 19 State 1H

Devon Energy
API:
Lea County, NM
Karst Map

Legend

 Bell Lake 19 State 1H



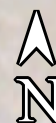
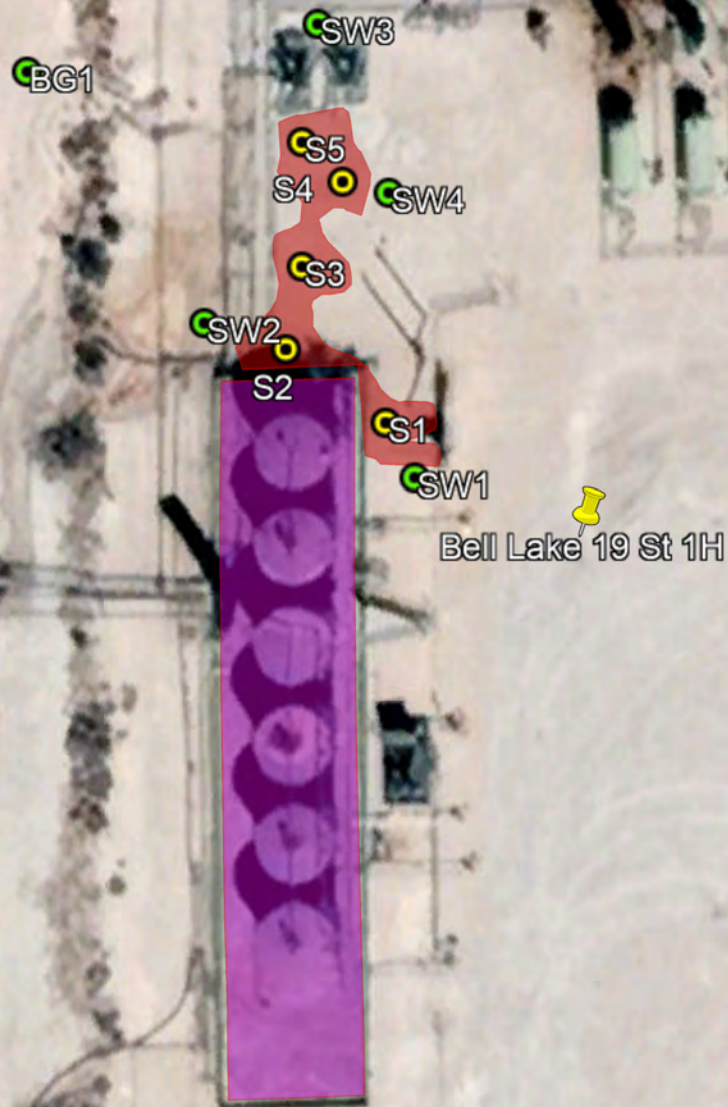
Google Earth

Bell Lake 19 State 1H CTB

Devon Energy
API: N/A
Lea County, NM
Site Map

Legend

- Background/Sidewalls
- Bell Lake 19 St 1H
- Containment
- Over spray
- Samples



100 ft

Google Earth



Pima Environmental Services

Appendix A

Water Surveys:

OSE

USGS

Surface Water Map



New Mexico Office of the State Engineer

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 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
C_04622 POD1		CUB	LE	3	3	4	24	24S	32E	629436	3563006	864			
C_02890		C	LE		2	4	29	24S	33E	633114	3562012*	2999	500		
C_02431		CUB	LE	4	4	4	17	24S	33E	633175	3564728*	3328	525	415	110
C_02432		CUB	LE	4	4	4	17	24S	33E	633175	3564728*	3328	640	415	225
C_02430		CUB	LE	3	3	3	16	24S	33E	633377	3564732*	3506	643	415	228
C_02312		CUB	LE	1	2	1	05	25S	33E	632292	3559772	3835	150	90	60
C_03565 POD3		CUB	LE		3	4	08	24S	33E	632763	3566546	4276		1533	
C_01932		C	ED		3	1	12	24S	32E	628633	3567188*	4460	492		
C_02311		CUB	LE	2	3	2	33	24S	33E	634391	3560877	4632	120	70	50
C_02310		CUB	LE	2	4	2	33	24S	33E	634420	3560893	4650	120	70	50
C_02563		CUB	LE	1	4	2	33	24S	33E	634639	3560923*	4832	120		

Average Depth to Water: **429 feet**

Minimum Depth: **70 feet**

Maximum Depth: **1533 feet**

Record Count: 11

UTMNAD83 Radius Search (in meters):

Easting (X): 630300.13

Northing (Y): 3563050.54

Radius: 5000

*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.

11/3/22 3:03 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER



[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

- Effective October 24, 2022 hyperlinks to legacy Current Condition pages will automatically redirect users to the corresponding Monitoring Location page. Please see the [Water Data For The Nation Blog](#) for full details, including how to navigate back to the legacy Current Condition page, if desired.
- 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 =

- 320956103353801

Minimum number of levels = 1

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

USGS 320956103353801 25S.33E.05.12122

Available data for this site

Groundwater: Field measurements

GO

Lea County, New Mexico

Hydrologic Unit Code 13070007

Latitude 32°09'59.4", Longitude 103°35'47.2" NAD83

Land-surface elevation 3,473.00 feet above NGVD29

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

This well is completed in the Santa Rosa Sandstone (231SNRS) local aquifer.

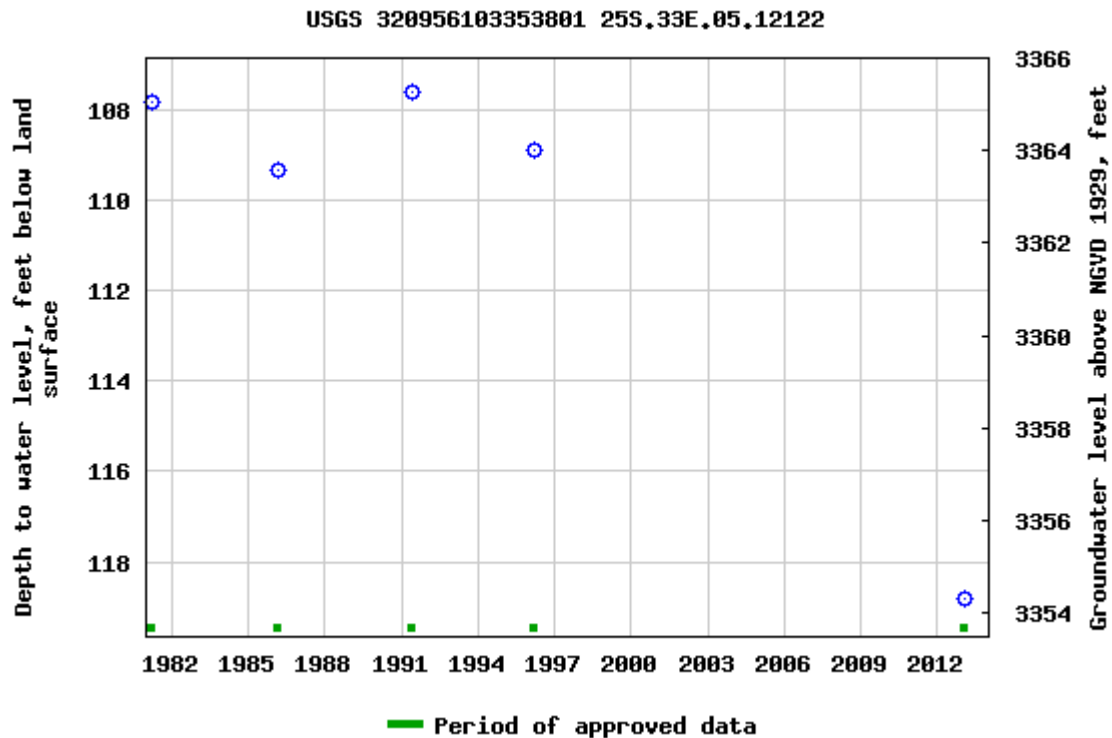
Output formats

[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.

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[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: 2022-11-03 17:00:08 EDT



0.58 0.48 nadww01



Bell Lake 19 State 1H

Devon Energy
API:
Lea County, NM
Surface Water Map

Legend

-  13.89 Miles
-  Bell Lake 19 State 1H

Bell Lake 19 State 1H

Playa

Google Earth



10 mi



Pima Environmental Services

Appendix B

Soil Survey & Geological Data

FEMA Flood Map

Wetlands Map

Map Unit Description: Ratliff-Wink fine sandy loams---Lea County, New Mexico

Lea County, New Mexico

MN—Ratliff-Wink fine sandy loams

Map Unit Setting

National map unit symbol: dmqf

Elevation: 3,000 to 3,900 feet

Mean annual precipitation: 10 to 15 inches

Mean annual air temperature: 60 to 62 degrees F

Frost-free period: 190 to 205 days

Farmland classification: Farmland of statewide importance

Map Unit Composition

Ratliff and similar soils: 45 percent

Wink and similar soils: 40 percent

Minor components: 15 percent

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

Description of Ratliff

Setting

Landform: Plains

Landform position (three-dimensional): Dip

Down-slope shape: Convex

Across-slope shape: Convex

Parent material: Calcareous alluvium and/or calcareous eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 4 inches: fine sandy loam

Bw - 4 to 22 inches: clay loam

Bk - 22 to 60 inches: 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: 50 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 8.1 inches)

Map Unit Description: Ratliff-Wink fine sandy loams---Lea County, New Mexico

Interpretive groups

Land capability classification (irrigated): 4e
Land capability classification (nonirrigated): 6c
Hydrologic Soil Group: B
Ecological site: R070BC007NM - Loamy
Hydric soil rating: No

Description of Wink**Setting**

Landform: Plains
Landform position (three-dimensional): Dip
Down-slope shape: Convex
Across-slope shape: Convex
Parent material: Calcareous sandy alluvium and/or calcareous sandy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 12 inches: fine sandy loam
Bk - 12 to 23 inches: sandy loam
B_{Ck} - 23 to 60 inches: sandy loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (K_{sat}): High (2.00 to 6.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 30 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 4.7 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: A
Ecological site: R070BD004NM - Sandy
Hydric soil rating: No

Minor Components**Kermit**

Percent of map unit: 6 percent
Ecological site: R070BC022NM - Sandhills
Hydric soil rating: No

Map Unit Description: Ratliff-Wink fine sandy loams---Lea County, New Mexico

Maljamar

Percent of map unit: 5 percent

Ecological site: R070BD003NM - Loamy Sand

Hydric soil rating: No

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



Map Unit Description: Pyote loamy fine sand---Lea County, New Mexico

Lea County, New Mexico

PT—Pyote loamy fine sand

Map Unit Setting

National map unit symbol: dmqp

Elevation: 3,000 to 3,900 feet

Mean annual precipitation: 10 to 12 inches

Mean annual air temperature: 60 to 62 degrees F

Frost-free period: 190 to 200 days

Farmland classification: Farmland of statewide importance

Map Unit Composition

Pyote and similar soils: 85 percent

Minor components: 15 percent

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

Description of Pyote

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

Typical profile

A - 0 to 25 inches: loamy fine sand

Bt - 25 to 60 inches: fine sandy loam

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Runoff class: Negligible

Capacity of the most limiting layer to transmit water (Ksat): High
(2.00 to 6.00 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 5.3 inches)

Interpretive groups

Land capability classification (irrigated): 6e

Land capability classification (nonirrigated): 7s

Map Unit Description: Pyote loamy fine sand---Lea County, New Mexico

Hydrologic Soil Group: A
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Minor Components

Maljamar

Percent of map unit: 8 percent
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Palomas

Percent of map unit: 7 percent
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

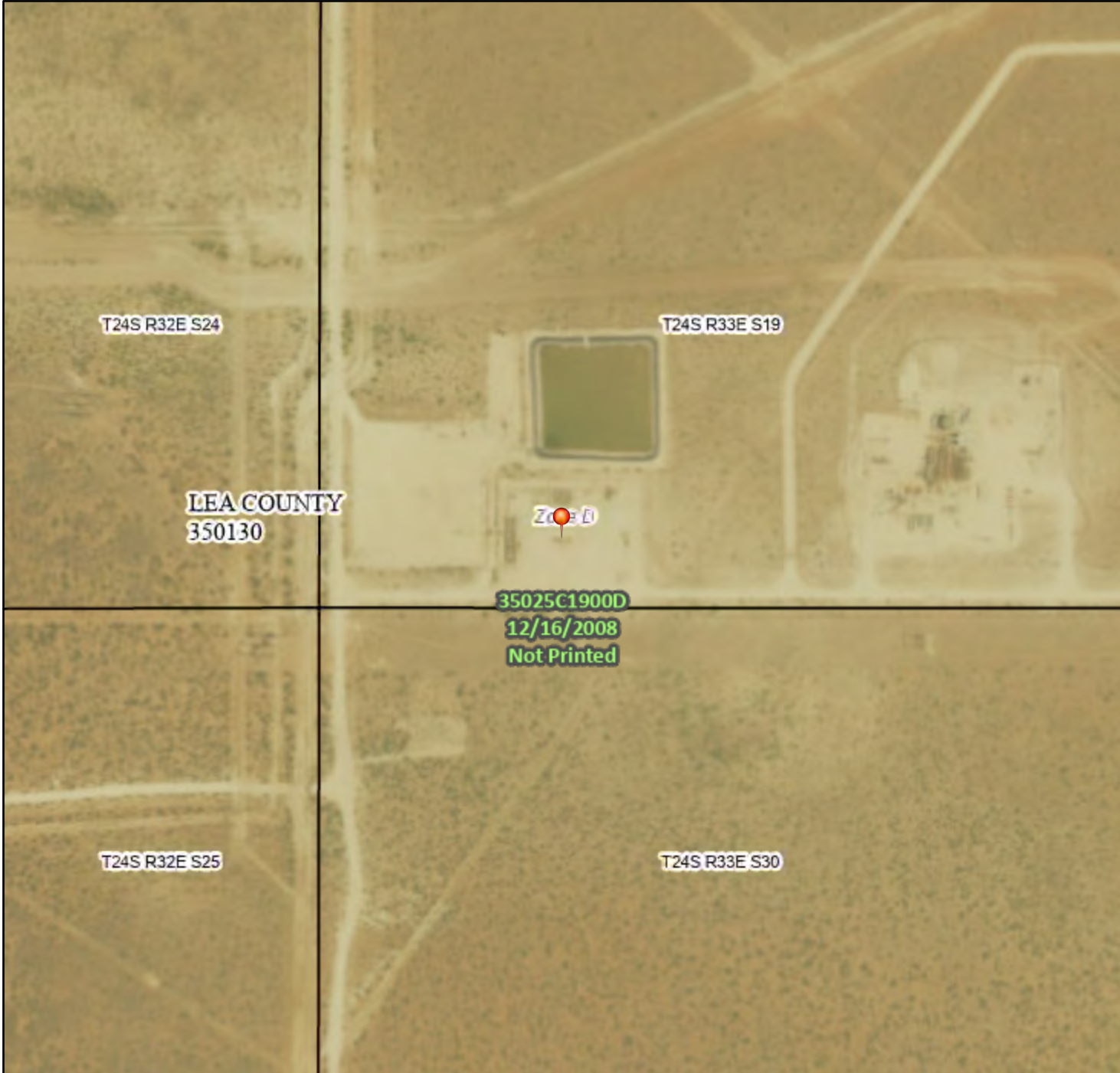
Data Source Information

Soil Survey Area: Lea County, New Mexico
Survey Area Data: Version 19, Sep 8, 2022

National Flood Hazard Layer FIRMette



103°37'22"W 32°12'3"N



Legend

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

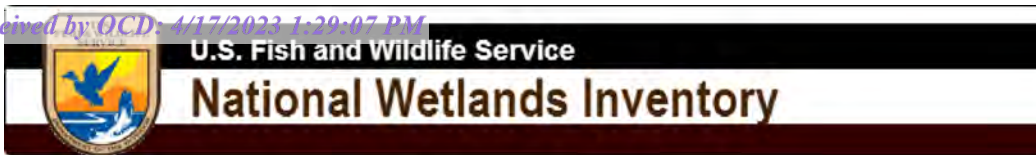
SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of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

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

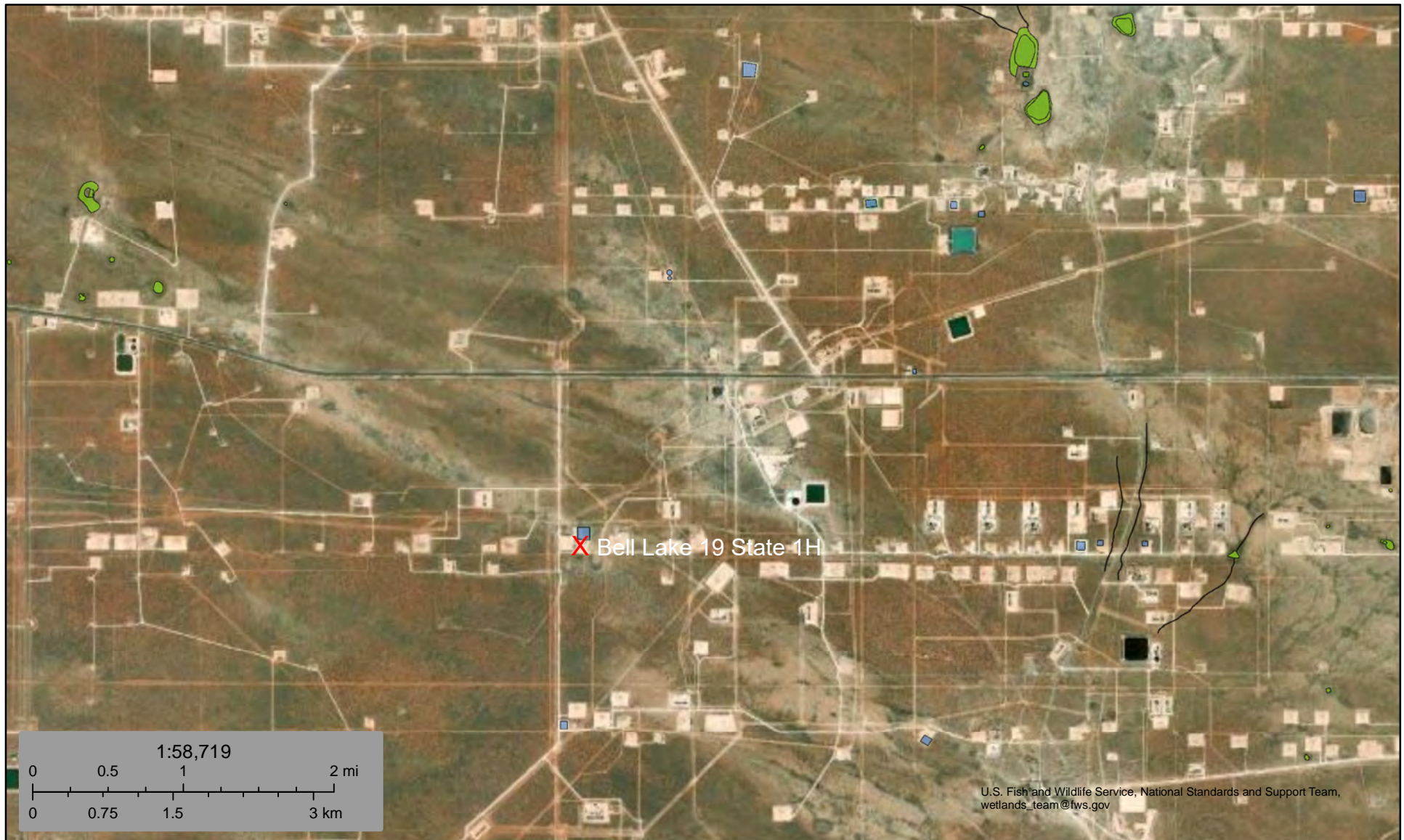
This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 11/3/2022 at 5:05 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




November 3, 2022

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

C-141 Form

48-Hour Notification

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural
Resources Department

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

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	nAPP2230656230
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Devon Energy Production Company	OGRID 6137
Contact Name Dale Woodall	Contact Telephone
Contact email Dale.Woodall@dvn.com	Incident # (assigned by OCD)
Contact mailing address 6488 Seven Rivers Hwy Artesia, NM 88210	

Location of Release Source

Latitude 32.196472 Longitude -103.617622
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Bell Lake 19 St 1H CTB	Site Type Oil
Date Release Discovered 11/02/2022	API# (if applicable)

Unit Letter	Section	Township	Range	County
M	19	24S	33E	Lea

Surface Owner: ☒ State ☐ Federal ☐ Tribal ☐ Private (Name: _____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 303.23 BBLS	Volume Recovered (bbls) 292 BBLS
	Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release Tanks ran over.

Incident ID	nAPP2230656230
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? Spill is over 25 BBLS.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Notice given on the OCD Portal, by Dale Woodall on 11/2/2022.	

Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why: 	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
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.	
Printed Name: Kendra Ruiz	Title: EHS Associate
Signature: <u><i>Kendra Ruiz</i></u>	Date: <u>11/16/2022</u>
email: <u>Kendra.Ruiz@dvn.com</u>	Telephone: <u>575-748-0167</u>
<u>OCD Only</u>	
Received by: <u>Jocelyn Harimon</u>	Date: <u>11/16/2022</u>

NAPP2230656230

Spills In Lined Containment	
Measurements Of Standing Fluid	
Length(Ft)	152
Width(Ft)	33
Depth(in.)	10.25
Total Capacity without tank displacements (bbls)	446.69
No. of 500 bbl Tanks In Standing Fluid	5
No. of Other Tanks In Standing Fluid	
OD Of Other Tanks In Standing Fluid(feet)	
Total Volume of standing fluid accounting for tank displacement.	303.23

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

CONDITIONS

Action 159329

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 159329
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jharimon	None	11/16/2022

Incident ID	nAPP2230656230
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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?	<u>>100</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: *Each of the following items must be included in the report.*

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☒ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☒ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	nAPP2230656230
District RP	
Facility ID	
Application ID	

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.

Printed Name: Dale Woodall Title: Environmental Professional

Signature: Dale Woodall Date: 4/17/2023

email: dale.woodall@dvn.com Telephone: 575-748-1839

OCD Only

Received by: _____ Date: _____

Incident ID	nAPP2230656230
District RP	
Facility ID	
Application ID	

Closure

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 (electronic submittals in .pdf format are preferred) 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.

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☐ Description of remediation activities

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.

Printed Name: Dale Woodall Title: Environmental Professional
Signature: Dale Woodall Date: 4/17/2023
email: dale.woodall@dvn.com Telephone: 575-748-1839

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: Jennifer Nobui Date: 05/04/2023
Printed Name: Jennifer Nobui Title: Environmental Specialist A



Gio PimaOil <gio@pimaoil.com>

Liner Inspection Bell Lake 19 St 1H

1 message

Gio PimaOil <gio@pimaoil.com>

Fri, Apr 7, 2023 at 12:24 PM

To: ocdonline@state.nm.us, Tom Pima Oil <tom@pimaoil.com>

Good Afternoon,

Pima Environmental would like to notify you that we will be conducting a liner Inspection at the Bell Lake 19 St 1H CTB for incident NAPP2230656230. Pima personnel are scheduled to be on site for this Inspection event at approximately 1:00 p.m. On Sunday, April 9, 2023. If you have any questions or concerns, please let me know. Thank you

--

Gio Gomez

Project Manager

cell-806-782-1151

Office- 575-964-7740

Pima Environmental Services, LLC.



Pima Environmental Services

Appendix D

Liner Inspection Form

Photographic Documentation



Pima Environmental Services, LLC

Liner Inspection FormCompany Name: Devon EnergySite: Bell Lake 19 St 1H CTBLat/Long: 32.196472, -103.617622NMOCD Incident ID
& Incident Date: NAPP2230656230 11/2/20222-Day Notification
Sent: via Email by Gio Gomez 4/7/2023Inspection Date: 4/9/2023

Liner Type:	Earthen w/liner	Earthen no liner	Polystar
	Steel w/poly liner	Steel w/spray epoxy	No Liner

Other: _____

Visualization	Yes	No	Comments
Is there a tear in the liner?		X	
Are there holes in the liner?		X	
Is the liner retaining any fluids?		X	
Does the liner have integrity to contain a leak?	X		

Comments: _____

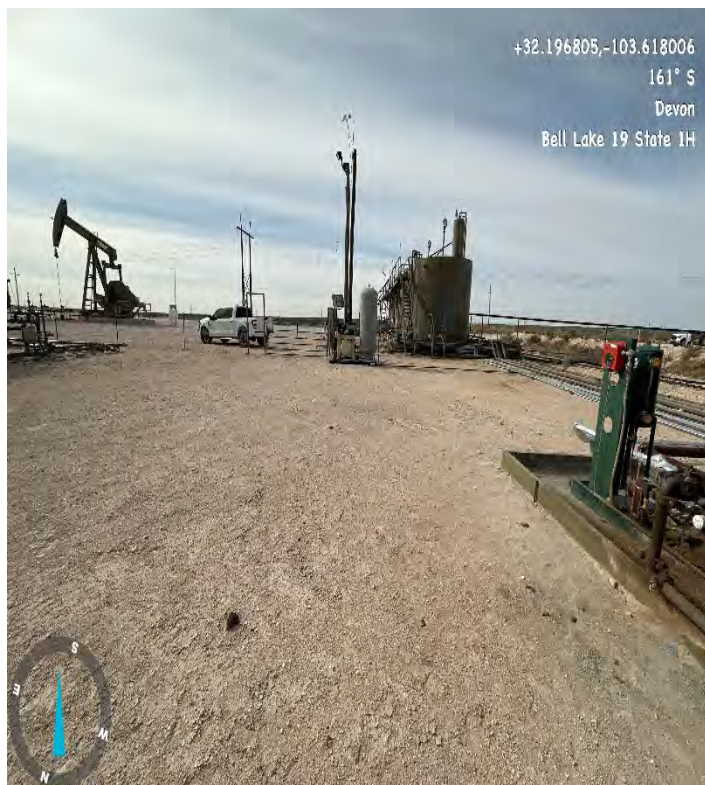
Inspector Name: Audry Benavidez Inspector Signature: Audry Benavidez



**SITE PHOTOGRAPHS
DEVON ENERGY
BELL LAKE 19 STATE 1H**

Site Assessment

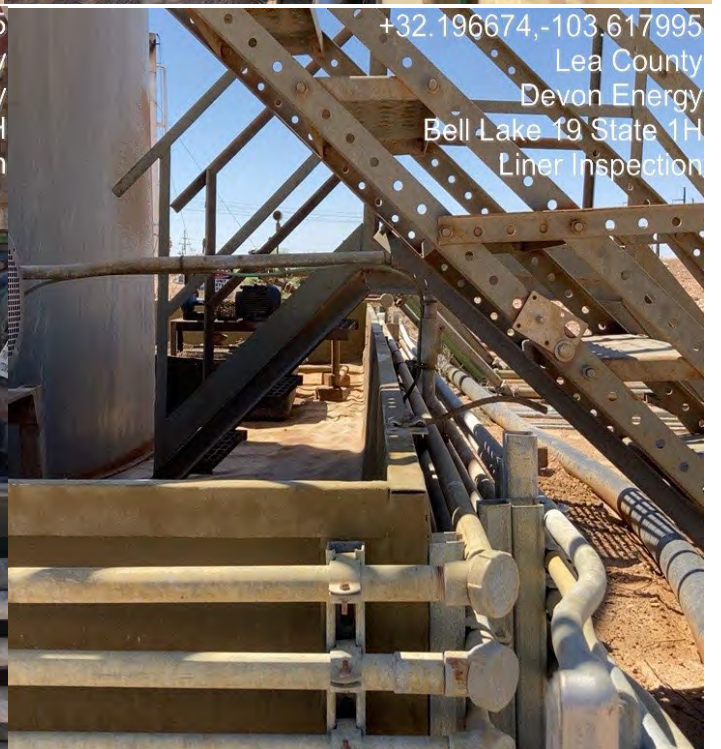




Liner Inspection









Pima Environmental Services

Appendix E

Laboratory Reports

Report to:
Tom Bynum



5796 U.S. Hwy 64
Farmington, NM 87401

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



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Bell Lake 19 State 1H

Work Order: E303156

Job Number: 01058-0007

Received: 3/31/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/6/23

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: 4/6/23



Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Bell Lake 19 State 1H
Workorder: E303156
Date Received: 3/31/2023 5:45:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/31/2023 5:45:00AM, under the Project Name: Bell Lake 19 State 1H.

The analytical test results summarized in this report with the Project Name: Bell Lake 19 State 1H 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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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 State 1H	Reported: 04/06/23 11:08
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'	E303156-01A	Soil	03/29/23	03/31/23	Glass Jar, 2 oz.
S2 - 1'	E303156-02A	Soil	03/29/23	03/31/23	Glass Jar, 2 oz.
S3 - 1'	E303156-03A	Soil	03/29/23	03/31/23	Glass Jar, 2 oz.
S4 - 1'	E303156-04A	Soil	03/29/23	03/31/23	Glass Jar, 2 oz.
S5 - 1'	E303156-05A	Soil	03/29/23	03/31/23	Glass Jar, 2 oz.
S1 - 2'	E303156-06A	Soil	03/29/23	03/31/23	Glass Jar, 2 oz.
S2 - 2'	E303156-07A	Soil	03/29/23	03/31/23	Glass Jar, 2 oz.
S3 - 2'	E303156-08A	Soil	03/29/23	03/31/23	Glass Jar, 2 oz.
S4 - 2'	E303156-09A	Soil	03/29/23	03/31/23	Glass Jar, 2 oz.
S5 - 2'	E303156-10A	Soil	03/29/23	03/31/23	Glass Jar, 2 oz.
S1 - 3'	E303156-11A	Soil	03/29/23	03/31/23	Glass Jar, 2 oz.
S2 - 3'	E303156-12A	Soil	03/29/23	03/31/23	Glass Jar, 2 oz.
S3 - 3'	E303156-13A	Soil	03/29/23	03/31/23	Glass Jar, 2 oz.
S4 - 3'	E303156-14A	Soil	03/29/23	03/31/23	Glass Jar, 2 oz.
S5 - 3'	E303156-15A	Soil	03/29/23	03/31/23	Glass Jar, 2 oz.
S1 - 4'	E303156-16A	Soil	03/29/23	03/31/23	Glass Jar, 2 oz.
S2 - 4'	E303156-17A	Soil	03/29/23	03/31/23	Glass Jar, 2 oz.
S3 - 4'	E303156-18A	Soil	03/29/23	03/31/23	Glass Jar, 2 oz.
S4 - 4'	E303156-19A	Soil	03/29/23	03/31/23	Glass Jar, 2 oz.
S5 - 4'	E303156-20A	Soil	03/29/23	03/31/23	Glass Jar, 2 oz.
SW1	E303156-21A	Soil	03/29/23	03/31/23	Glass Jar, 2 oz.
SW2	E303156-22A	Soil	03/29/23	03/31/23	Glass Jar, 2 oz.
SW3	E303156-23A	Soil	03/29/23	03/31/23	Glass Jar, 2 oz.
SW4	E303156-24A	Soil	03/29/23	03/31/23	Glass Jar, 2 oz.
BG1	E303156-25A	Soil	03/29/23	03/31/23	Glass Jar, 2 oz.



Sample Data

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

Project Name: Bell Lake 19 State 1H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/6/2023 11:08:35AM

S1 - 1'

E303156-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313090
Benzene	ND	0.0250	1	03/31/23	04/03/23	
Ethylbenzene	ND	0.0250	1	03/31/23	04/03/23	
Toluene	ND	0.0250	1	03/31/23	04/03/23	
o-Xylene	ND	0.0250	1	03/31/23	04/03/23	
p,m-Xylene	ND	0.0500	1	03/31/23	04/03/23	
Total Xylenes	ND	0.0250	1	03/31/23	04/03/23	
Surrogate: Bromofluorobenzene	93.1 %	70-130		03/31/23	04/03/23	
Surrogate: 1,2-Dichloroethane-d4	96.9 %	70-130		03/31/23	04/03/23	
Surrogate: Toluene-d8	104 %	70-130		03/31/23	04/03/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313090
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/31/23	04/03/23	
Surrogate: Bromofluorobenzene	93.1 %	70-130		03/31/23	04/03/23	
Surrogate: 1,2-Dichloroethane-d4	96.9 %	70-130		03/31/23	04/03/23	
Surrogate: Toluene-d8	104 %	70-130		03/31/23	04/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2313087
Diesel Range Organics (C10-C28)	30.8	25.0	1	03/31/23	04/05/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/23	04/05/23	
Surrogate: n-Nonane	107 %	50-200		03/31/23	04/05/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313080
Chloride	111	20.0	1	03/30/23	04/02/23	



Sample Data

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

Project Name: Bell Lake 19 State 1H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/6/2023 11:08:35AM

S2 - 1'

E303156-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313090
Benzene	ND	0.0250	1	03/31/23	04/03/23	
Ethylbenzene	ND	0.0250	1	03/31/23	04/03/23	
Toluene	ND	0.0250	1	03/31/23	04/03/23	
o-Xylene	ND	0.0250	1	03/31/23	04/03/23	
p,m-Xylene	ND	0.0500	1	03/31/23	04/03/23	
Total Xylenes	ND	0.0250	1	03/31/23	04/03/23	
Surrogate: Bromofluorobenzene	93.5 %	70-130		03/31/23	04/03/23	
Surrogate: 1,2-Dichloroethane-d4	95.7 %	70-130		03/31/23	04/03/23	
Surrogate: Toluene-d8	105 %	70-130		03/31/23	04/03/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313090
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/31/23	04/03/23	
Surrogate: Bromofluorobenzene	93.5 %	70-130		03/31/23	04/03/23	
Surrogate: 1,2-Dichloroethane-d4	95.7 %	70-130		03/31/23	04/03/23	
Surrogate: Toluene-d8	105 %	70-130		03/31/23	04/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2313087
Diesel Range Organics (C10-C28)	32.0	25.0	1	03/31/23	04/05/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/23	04/05/23	
Surrogate: n-Nonane	109 %	50-200		03/31/23	04/05/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313080
Chloride	110	20.0	1	03/30/23	04/02/23	



Sample Data

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

Project Name: Bell Lake 19 State 1H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/6/2023 11:08:35AM

S3 - 1'

E303156-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313090
Benzene	ND	0.0250	1	03/31/23	04/03/23	
Ethylbenzene	ND	0.0250	1	03/31/23	04/03/23	
Toluene	ND	0.0250	1	03/31/23	04/03/23	
o-Xylene	ND	0.0250	1	03/31/23	04/03/23	
p,m-Xylene	ND	0.0500	1	03/31/23	04/03/23	
Total Xylenes	ND	0.0250	1	03/31/23	04/03/23	
Surrogate: Bromofluorobenzene	93.4 %	70-130		03/31/23	04/03/23	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		03/31/23	04/03/23	
Surrogate: Toluene-d8	103 %	70-130		03/31/23	04/03/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313090
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/31/23	04/03/23	
Surrogate: Bromofluorobenzene	93.4 %	70-130		03/31/23	04/03/23	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		03/31/23	04/03/23	
Surrogate: Toluene-d8	103 %	70-130		03/31/23	04/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2313087
Diesel Range Organics (C10-C28)	31.6	25.0	1	03/31/23	04/05/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/23	04/05/23	
Surrogate: n-Nonane	109 %	50-200		03/31/23	04/05/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313080
Chloride	115	20.0	1	03/30/23	04/02/23	



Sample Data

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

Project Name: Bell Lake 19 State 1H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/6/2023 11:08:35AM

S4 - 1'

E303156-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313090
Benzene	ND	0.0250	1	03/31/23	04/03/23	
Ethylbenzene	ND	0.0250	1	03/31/23	04/03/23	
Toluene	ND	0.0250	1	03/31/23	04/03/23	
o-Xylene	ND	0.0250	1	03/31/23	04/03/23	
p,m-Xylene	ND	0.0500	1	03/31/23	04/03/23	
Total Xylenes	ND	0.0250	1	03/31/23	04/03/23	
Surrogate: Bromofluorobenzene	93.1 %	70-130		03/31/23	04/03/23	
Surrogate: 1,2-Dichloroethane-d4	95.5 %	70-130		03/31/23	04/03/23	
Surrogate: Toluene-d8	104 %	70-130		03/31/23	04/03/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313090
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/31/23	04/03/23	
Surrogate: Bromofluorobenzene	93.1 %	70-130		03/31/23	04/03/23	
Surrogate: 1,2-Dichloroethane-d4	95.5 %	70-130		03/31/23	04/03/23	
Surrogate: Toluene-d8	104 %	70-130		03/31/23	04/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2313087
Diesel Range Organics (C10-C28)	34.0	25.0	1	03/31/23	04/05/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/23	04/05/23	
Surrogate: n-Nonane	108 %	50-200		03/31/23	04/05/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313080
Chloride	125	20.0	1	03/30/23	04/02/23	



Sample Data

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

Project Name: Bell Lake 19 State 1H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/6/2023 11:08:35AM

S5 - 1'

E303156-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313090
Benzene	ND	0.0250	1	03/31/23	04/03/23	
Ethylbenzene	ND	0.0250	1	03/31/23	04/03/23	
Toluene	ND	0.0250	1	03/31/23	04/03/23	
o-Xylene	ND	0.0250	1	03/31/23	04/03/23	
p,m-Xylene	ND	0.0500	1	03/31/23	04/03/23	
Total Xylenes	ND	0.0250	1	03/31/23	04/03/23	
Surrogate: Bromofluorobenzene	92.7 %	70-130		03/31/23	04/03/23	
Surrogate: 1,2-Dichloroethane-d4	98.4 %	70-130		03/31/23	04/03/23	
Surrogate: Toluene-d8	104 %	70-130		03/31/23	04/03/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313090
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/31/23	04/03/23	
Surrogate: Bromofluorobenzene	92.7 %	70-130		03/31/23	04/03/23	
Surrogate: 1,2-Dichloroethane-d4	98.4 %	70-130		03/31/23	04/03/23	
Surrogate: Toluene-d8	104 %	70-130		03/31/23	04/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2313087
Diesel Range Organics (C10-C28)	34.0	25.0	1	03/31/23	04/05/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/23	04/05/23	
Surrogate: n-Nonane	108 %	50-200		03/31/23	04/05/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313080
Chloride	118	20.0	1	03/30/23	04/02/23	



Sample Data

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

Project Name: Bell Lake 19 State 1H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/6/2023 11:08:35AM

S1 - 2'

E303156-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313090
Benzene	ND	0.0250	1	03/31/23	04/03/23	
Ethylbenzene	ND	0.0250	1	03/31/23	04/03/23	
Toluene	ND	0.0250	1	03/31/23	04/03/23	
o-Xylene	ND	0.0250	1	03/31/23	04/03/23	
p,m-Xylene	ND	0.0500	1	03/31/23	04/03/23	
Total Xylenes	ND	0.0250	1	03/31/23	04/03/23	
Surrogate: Bromofluorobenzene	92.6 %	70-130		03/31/23	04/03/23	
Surrogate: 1,2-Dichloroethane-d4	98.1 %	70-130		03/31/23	04/03/23	
Surrogate: Toluene-d8	103 %	70-130		03/31/23	04/03/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313090
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/31/23	04/03/23	
Surrogate: Bromofluorobenzene	92.6 %	70-130		03/31/23	04/03/23	
Surrogate: 1,2-Dichloroethane-d4	98.1 %	70-130		03/31/23	04/03/23	
Surrogate: Toluene-d8	103 %	70-130		03/31/23	04/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2313087
Diesel Range Organics (C10-C28)	32.2	25.0	1	03/31/23	04/05/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/23	04/05/23	
Surrogate: n-Nonane	108 %	50-200		03/31/23	04/05/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313080
Chloride	126	20.0	1	03/30/23	04/02/23	



Sample Data

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

Project Name: Bell Lake 19 State 1H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/6/2023 11:08:35AM

S2 - 2'

E303156-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313090
Benzene	ND	0.0250	1	03/31/23	04/03/23	
Ethylbenzene	ND	0.0250	1	03/31/23	04/03/23	
Toluene	ND	0.0250	1	03/31/23	04/03/23	
o-Xylene	ND	0.0250	1	03/31/23	04/03/23	
p,m-Xylene	ND	0.0500	1	03/31/23	04/03/23	
Total Xylenes	ND	0.0250	1	03/31/23	04/03/23	
Surrogate: Bromofluorobenzene	93.1 %	70-130		03/31/23	04/03/23	
Surrogate: 1,2-Dichloroethane-d4	98.1 %	70-130		03/31/23	04/03/23	
Surrogate: Toluene-d8	104 %	70-130		03/31/23	04/03/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313090
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/31/23	04/03/23	
Surrogate: Bromofluorobenzene	93.1 %	70-130		03/31/23	04/03/23	
Surrogate: 1,2-Dichloroethane-d4	98.1 %	70-130		03/31/23	04/03/23	
Surrogate: Toluene-d8	104 %	70-130		03/31/23	04/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2313087
Diesel Range Organics (C10-C28)	35.6	25.0	1	03/31/23	04/05/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/23	04/05/23	
Surrogate: n-Nonane	111 %	50-200		03/31/23	04/05/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313080
Chloride	122	20.0	1	03/30/23	04/02/23	



Sample Data

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

Project Name: Bell Lake 19 State 1H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/6/2023 11:08:35AM

S3 - 2'

E303156-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313090
Benzene	ND	0.0250	1	03/31/23	04/03/23	
Ethylbenzene	ND	0.0250	1	03/31/23	04/03/23	
Toluene	ND	0.0250	1	03/31/23	04/03/23	
o-Xylene	ND	0.0250	1	03/31/23	04/03/23	
p,m-Xylene	ND	0.0500	1	03/31/23	04/03/23	
Total Xylenes	ND	0.0250	1	03/31/23	04/03/23	
Surrogate: Bromofluorobenzene	93.6 %	70-130		03/31/23	04/03/23	
Surrogate: 1,2-Dichloroethane-d4	96.9 %	70-130		03/31/23	04/03/23	
Surrogate: Toluene-d8	105 %	70-130		03/31/23	04/03/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313090
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/31/23	04/03/23	
Surrogate: Bromofluorobenzene	93.6 %	70-130		03/31/23	04/03/23	
Surrogate: 1,2-Dichloroethane-d4	96.9 %	70-130		03/31/23	04/03/23	
Surrogate: Toluene-d8	105 %	70-130		03/31/23	04/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2313087
Diesel Range Organics (C10-C28)	45.0	25.0	1	03/31/23	04/05/23	
Oil Range Organics (C28-C36)	54.1	50.0	1	03/31/23	04/05/23	
Surrogate: n-Nonane	108 %	50-200		03/31/23	04/05/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313080
Chloride	143	20.0	1	03/30/23	04/02/23	



Sample Data

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

Project Name: Bell Lake 19 State 1H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/6/2023 11:08:35AM

S4 - 2'

E303156-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313090
Benzene	ND	0.0250	1	03/31/23	04/03/23	
Ethylbenzene	ND	0.0250	1	03/31/23	04/03/23	
Toluene	ND	0.0250	1	03/31/23	04/03/23	
o-Xylene	ND	0.0250	1	03/31/23	04/03/23	
p,m-Xylene	ND	0.0500	1	03/31/23	04/03/23	
Total Xylenes	ND	0.0250	1	03/31/23	04/03/23	
Surrogate: Bromofluorobenzene	92.0 %	70-130		03/31/23	04/03/23	
Surrogate: 1,2-Dichloroethane-d4	95.4 %	70-130		03/31/23	04/03/23	
Surrogate: Toluene-d8	104 %	70-130		03/31/23	04/03/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313090
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/31/23	04/03/23	
Surrogate: Bromofluorobenzene	92.0 %	70-130		03/31/23	04/03/23	
Surrogate: 1,2-Dichloroethane-d4	95.4 %	70-130		03/31/23	04/03/23	
Surrogate: Toluene-d8	104 %	70-130		03/31/23	04/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2313087
Diesel Range Organics (C10-C28)	35.1	25.0	1	03/31/23	04/05/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/23	04/05/23	
Surrogate: n-Nonane	109 %	50-200		03/31/23	04/05/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313080
Chloride	119	20.0	1	03/30/23	04/02/23	



Sample Data

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

Project Name: Bell Lake 19 State 1H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/6/2023 11:08:35AM

S5 - 2'

E303156-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313090
Benzene	ND	0.0250	1	03/31/23	04/03/23	
Ethylbenzene	ND	0.0250	1	03/31/23	04/03/23	
Toluene	ND	0.0250	1	03/31/23	04/03/23	
o-Xylene	ND	0.0250	1	03/31/23	04/03/23	
p,m-Xylene	ND	0.0500	1	03/31/23	04/03/23	
Total Xylenes	ND	0.0250	1	03/31/23	04/03/23	
Surrogate: Bromofluorobenzene	93.3 %	70-130		03/31/23	04/03/23	
Surrogate: 1,2-Dichloroethane-d4	99.2 %	70-130		03/31/23	04/03/23	
Surrogate: Toluene-d8	105 %	70-130		03/31/23	04/03/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313090
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/31/23	04/03/23	
Surrogate: Bromofluorobenzene	93.3 %	70-130		03/31/23	04/03/23	
Surrogate: 1,2-Dichloroethane-d4	99.2 %	70-130		03/31/23	04/03/23	
Surrogate: Toluene-d8	105 %	70-130		03/31/23	04/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2313087
Diesel Range Organics (C10-C28)	38.4	25.0	1	03/31/23	04/05/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/23	04/05/23	
Surrogate: n-Nonane	109 %	50-200		03/31/23	04/05/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313080
Chloride	134	20.0	1	03/30/23	04/02/23	



Sample Data

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

Project Name: Bell Lake 19 State 1H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/6/2023 11:08:35AM

S1 - 3'

E303156-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313090
Benzene	ND	0.0250	1	03/31/23	04/03/23	
Ethylbenzene	ND	0.0250	1	03/31/23	04/03/23	
Toluene	ND	0.0250	1	03/31/23	04/03/23	
o-Xylene	ND	0.0250	1	03/31/23	04/03/23	
p,m-Xylene	ND	0.0500	1	03/31/23	04/03/23	
Total Xylenes	ND	0.0250	1	03/31/23	04/03/23	
Surrogate: Bromofluorobenzene	90.6 %	70-130		03/31/23	04/03/23	
Surrogate: 1,2-Dichloroethane-d4	98.6 %	70-130		03/31/23	04/03/23	
Surrogate: Toluene-d8	104 %	70-130		03/31/23	04/03/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313090
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/31/23	04/03/23	
Surrogate: Bromofluorobenzene	90.6 %	70-130		03/31/23	04/03/23	
Surrogate: 1,2-Dichloroethane-d4	98.6 %	70-130		03/31/23	04/03/23	
Surrogate: Toluene-d8	104 %	70-130		03/31/23	04/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2313087
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/23	04/06/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/23	04/06/23	
Surrogate: n-Nonane	109 %	50-200		03/31/23	04/06/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313080
Chloride	26.9	20.0	1	03/30/23	04/02/23	



Sample Data

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

Project Name: Bell Lake 19 State 1H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/6/2023 11:08:35AM

S2 - 3'

E303156-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313090
Benzene	ND	0.0250	1	03/31/23	04/03/23	
Ethylbenzene	ND	0.0250	1	03/31/23	04/03/23	
Toluene	ND	0.0250	1	03/31/23	04/03/23	
o-Xylene	ND	0.0250	1	03/31/23	04/03/23	
p,m-Xylene	ND	0.0500	1	03/31/23	04/03/23	
Total Xylenes	ND	0.0250	1	03/31/23	04/03/23	
Surrogate: Bromofluorobenzene	91.4 %	70-130		03/31/23	04/03/23	
Surrogate: 1,2-Dichloroethane-d4	94.9 %	70-130		03/31/23	04/03/23	
Surrogate: Toluene-d8	104 %	70-130		03/31/23	04/03/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313090
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/31/23	04/03/23	
Surrogate: Bromofluorobenzene	91.4 %	70-130		03/31/23	04/03/23	
Surrogate: 1,2-Dichloroethane-d4	94.9 %	70-130		03/31/23	04/03/23	
Surrogate: Toluene-d8	104 %	70-130		03/31/23	04/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2313087
Diesel Range Organics (C10-C28)	42.7	25.0	1	03/31/23	04/06/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/23	04/06/23	
Surrogate: n-Nonane	110 %	50-200		03/31/23	04/06/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313080
Chloride	26.9	20.0	1	03/30/23	04/02/23	



Sample Data

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

Project Name: Bell Lake 19 State 1H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/6/2023 11:08:35AM

S3 - 3'

E303156-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313090
Benzene	ND	0.0250	1	03/31/23	04/04/23	
Ethylbenzene	ND	0.0250	1	03/31/23	04/04/23	
Toluene	ND	0.0250	1	03/31/23	04/04/23	
o-Xylene	ND	0.0250	1	03/31/23	04/04/23	
p,m-Xylene	ND	0.0500	1	03/31/23	04/04/23	
Total Xylenes	ND	0.0250	1	03/31/23	04/04/23	
Surrogate: Bromofluorobenzene	91.4 %	70-130		03/31/23	04/04/23	
Surrogate: 1,2-Dichloroethane-d4	95.1 %	70-130		03/31/23	04/04/23	
Surrogate: Toluene-d8	104 %	70-130		03/31/23	04/04/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313090
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/31/23	04/04/23	
Surrogate: Bromofluorobenzene	91.4 %	70-130		03/31/23	04/04/23	
Surrogate: 1,2-Dichloroethane-d4	95.1 %	70-130		03/31/23	04/04/23	
Surrogate: Toluene-d8	104 %	70-130		03/31/23	04/04/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2313087
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/23	04/06/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/23	04/06/23	
Surrogate: n-Nonane	111 %	50-200		03/31/23	04/06/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313080
Chloride	27.1	20.0	1	03/30/23	04/02/23	



Sample Data

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

Project Name: Bell Lake 19 State 1H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/6/2023 11:08:35AM

S4 - 3'

E303156-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313090
Benzene	ND	0.0250	1	03/31/23	04/04/23	
Ethylbenzene	ND	0.0250	1	03/31/23	04/04/23	
Toluene	ND	0.0250	1	03/31/23	04/04/23	
o-Xylene	ND	0.0250	1	03/31/23	04/04/23	
p,m-Xylene	ND	0.0500	1	03/31/23	04/04/23	
Total Xylenes	ND	0.0250	1	03/31/23	04/04/23	
Surrogate: Bromofluorobenzene	90.8 %	70-130		03/31/23	04/04/23	
Surrogate: 1,2-Dichloroethane-d4	94.9 %	70-130		03/31/23	04/04/23	
Surrogate: Toluene-d8	104 %	70-130		03/31/23	04/04/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313090
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/31/23	04/04/23	
Surrogate: Bromofluorobenzene	90.8 %	70-130		03/31/23	04/04/23	
Surrogate: 1,2-Dichloroethane-d4	94.9 %	70-130		03/31/23	04/04/23	
Surrogate: Toluene-d8	104 %	70-130		03/31/23	04/04/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2313087
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/23	04/06/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/23	04/06/23	
Surrogate: n-Nonane	111 %	50-200		03/31/23	04/06/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313080
Chloride	24.9	20.0	1	03/30/23	04/02/23	



Sample Data

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

Project Name: Bell Lake 19 State 1H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/6/2023 11:08:35AM

S5 - 3'

E303156-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313090
Benzene	ND	0.0250	1	03/31/23	04/04/23	
Ethylbenzene	ND	0.0250	1	03/31/23	04/04/23	
Toluene	ND	0.0250	1	03/31/23	04/04/23	
o-Xylene	ND	0.0250	1	03/31/23	04/04/23	
p,m-Xylene	ND	0.0500	1	03/31/23	04/04/23	
Total Xylenes	ND	0.0250	1	03/31/23	04/04/23	
Surrogate: Bromofluorobenzene	91.3 %	70-130		03/31/23	04/04/23	
Surrogate: 1,2-Dichloroethane-d4	94.5 %	70-130		03/31/23	04/04/23	
Surrogate: Toluene-d8	104 %	70-130		03/31/23	04/04/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313090
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/31/23	04/04/23	
Surrogate: Bromofluorobenzene	91.3 %	70-130		03/31/23	04/04/23	
Surrogate: 1,2-Dichloroethane-d4	94.5 %	70-130		03/31/23	04/04/23	
Surrogate: Toluene-d8	104 %	70-130		03/31/23	04/04/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2313087
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/23	04/06/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/23	04/06/23	
Surrogate: n-Nonane	109 %	50-200		03/31/23	04/06/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313080
Chloride	28.1	20.0	1	03/30/23	04/02/23	



Sample Data

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

Project Name: Bell Lake 19 State 1H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/6/2023 11:08:35AM

S1 - 4'

E303156-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313090
Benzene	ND	0.0250	1	03/31/23	04/04/23	
Ethylbenzene	ND	0.0250	1	03/31/23	04/04/23	
Toluene	ND	0.0250	1	03/31/23	04/04/23	
o-Xylene	ND	0.0250	1	03/31/23	04/04/23	
p,m-Xylene	ND	0.0500	1	03/31/23	04/04/23	
Total Xylenes	ND	0.0250	1	03/31/23	04/04/23	
Surrogate: Bromofluorobenzene	91.3 %	70-130		03/31/23	04/04/23	
Surrogate: 1,2-Dichloroethane-d4	92.1 %	70-130		03/31/23	04/04/23	
Surrogate: Toluene-d8	105 %	70-130		03/31/23	04/04/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313090
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/31/23	04/04/23	
Surrogate: Bromofluorobenzene	91.3 %	70-130		03/31/23	04/04/23	
Surrogate: 1,2-Dichloroethane-d4	92.1 %	70-130		03/31/23	04/04/23	
Surrogate: Toluene-d8	105 %	70-130		03/31/23	04/04/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2313087
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/23	04/06/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/23	04/06/23	
Surrogate: n-Nonane	109 %	50-200		03/31/23	04/06/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313080
Chloride	ND	20.0	1	03/30/23	04/02/23	



Sample Data

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

Project Name: Bell Lake 19 State 1H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/6/2023 11:08:35AM

S2 - 4'

E303156-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313090
Benzene	ND	0.0250	1	03/31/23	04/04/23	
Ethylbenzene	ND	0.0250	1	03/31/23	04/04/23	
Toluene	ND	0.0250	1	03/31/23	04/04/23	
o-Xylene	ND	0.0250	1	03/31/23	04/04/23	
p,m-Xylene	ND	0.0500	1	03/31/23	04/04/23	
Total Xylenes	ND	0.0250	1	03/31/23	04/04/23	
Surrogate: Bromofluorobenzene	91.8 %	70-130		03/31/23	04/04/23	
Surrogate: 1,2-Dichloroethane-d4	94.0 %	70-130		03/31/23	04/04/23	
Surrogate: Toluene-d8	104 %	70-130		03/31/23	04/04/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313090
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/31/23	04/04/23	
Surrogate: Bromofluorobenzene	91.8 %	70-130		03/31/23	04/04/23	
Surrogate: 1,2-Dichloroethane-d4	94.0 %	70-130		03/31/23	04/04/23	
Surrogate: Toluene-d8	104 %	70-130		03/31/23	04/04/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2313087
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/23	04/06/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/23	04/06/23	
Surrogate: n-Nonane	108 %	50-200		03/31/23	04/06/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313080
Chloride	ND	20.0	1	03/30/23	04/02/23	



Sample Data

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

Project Name: Bell Lake 19 State 1H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/6/2023 11:08:35AM

S3 - 4'

E303156-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313090
Benzene	ND	0.0250	1	03/31/23	04/04/23	
Ethylbenzene	ND	0.0250	1	03/31/23	04/04/23	
Toluene	ND	0.0250	1	03/31/23	04/04/23	
o-Xylene	ND	0.0250	1	03/31/23	04/04/23	
p,m-Xylene	ND	0.0500	1	03/31/23	04/04/23	
Total Xylenes	ND	0.0250	1	03/31/23	04/04/23	
Surrogate: Bromofluorobenzene	90.7 %	70-130		03/31/23	04/04/23	
Surrogate: 1,2-Dichloroethane-d4	95.5 %	70-130		03/31/23	04/04/23	
Surrogate: Toluene-d8	103 %	70-130		03/31/23	04/04/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313090
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/31/23	04/04/23	
Surrogate: Bromofluorobenzene	90.7 %	70-130		03/31/23	04/04/23	
Surrogate: 1,2-Dichloroethane-d4	95.5 %	70-130		03/31/23	04/04/23	
Surrogate: Toluene-d8	103 %	70-130		03/31/23	04/04/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2313087
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/23	04/06/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/23	04/06/23	
Surrogate: n-Nonane	111 %	50-200		03/31/23	04/06/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313080
Chloride	ND	20.0	1	03/30/23	04/02/23	



Sample Data

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

Project Name: Bell Lake 19 State 1H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/6/2023 11:08:35AM

S4 - 4'

E303156-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313090
Benzene	ND	0.0250	1	03/31/23	04/04/23	
Ethylbenzene	ND	0.0250	1	03/31/23	04/04/23	
Toluene	ND	0.0250	1	03/31/23	04/04/23	
o-Xylene	ND	0.0250	1	03/31/23	04/04/23	
p,m-Xylene	ND	0.0500	1	03/31/23	04/04/23	
Total Xylenes	ND	0.0250	1	03/31/23	04/04/23	
Surrogate: Bromofluorobenzene	92.3 %	70-130		03/31/23	04/04/23	
Surrogate: 1,2-Dichloroethane-d4	95.4 %	70-130		03/31/23	04/04/23	
Surrogate: Toluene-d8	104 %	70-130		03/31/23	04/04/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313090
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/31/23	04/04/23	
Surrogate: Bromofluorobenzene	92.3 %	70-130		03/31/23	04/04/23	
Surrogate: 1,2-Dichloroethane-d4	95.4 %	70-130		03/31/23	04/04/23	
Surrogate: Toluene-d8	104 %	70-130		03/31/23	04/04/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2313087
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/23	04/06/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/23	04/06/23	
Surrogate: n-Nonane	110 %	50-200		03/31/23	04/06/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313080
Chloride	ND	20.0	1	03/30/23	04/02/23	



Sample Data

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

Project Name: Bell Lake 19 State 1H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/6/2023 11:08:35AM

S5 - 4'

E303156-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313090
Benzene	ND	0.0250	1	03/31/23	04/04/23	
Ethylbenzene	ND	0.0250	1	03/31/23	04/04/23	
Toluene	ND	0.0250	1	03/31/23	04/04/23	
o-Xylene	ND	0.0250	1	03/31/23	04/04/23	
p,m-Xylene	ND	0.0500	1	03/31/23	04/04/23	
Total Xylenes	ND	0.0250	1	03/31/23	04/04/23	
Surrogate: Bromofluorobenzene	91.3 %	70-130		03/31/23	04/04/23	
Surrogate: 1,2-Dichloroethane-d4	95.0 %	70-130		03/31/23	04/04/23	
Surrogate: Toluene-d8	104 %	70-130		03/31/23	04/04/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2313090
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/31/23	04/04/23	
Surrogate: Bromofluorobenzene	91.3 %	70-130		03/31/23	04/04/23	
Surrogate: 1,2-Dichloroethane-d4	95.0 %	70-130		03/31/23	04/04/23	
Surrogate: Toluene-d8	104 %	70-130		03/31/23	04/04/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2313087
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/23	04/06/23	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/23	04/06/23	
Surrogate: n-Nonane	110 %	50-200		03/31/23	04/06/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313080
Chloride	ND	20.0	1	03/30/23	04/02/23	



Sample Data

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

Project Name: Bell Lake 19 State 1H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/6/2023 11:08:35AM

SW1

E303156-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2313086
Benzene	ND	0.0250	1	03/31/23	04/03/23	
Ethylbenzene	ND	0.0250	1	03/31/23	04/03/23	
Toluene	ND	0.0250	1	03/31/23	04/03/23	
o-Xylene	ND	0.0250	1	03/31/23	04/03/23	
p,m-Xylene	ND	0.0500	1	03/31/23	04/03/23	
Total Xylenes	ND	0.0250	1	03/31/23	04/03/23	
Surrogate: Bromofluorobenzene		102 %	70-130	03/31/23	04/03/23	
Surrogate: 1,2-Dichloroethane-d4		107 %	70-130	03/31/23	04/03/23	
Surrogate: Toluene-d8		104 %	70-130	03/31/23	04/03/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2313086
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/31/23	04/03/23	
Surrogate: Bromofluorobenzene		102 %	70-130	03/31/23	04/03/23	
Surrogate: 1,2-Dichloroethane-d4		107 %	70-130	03/31/23	04/03/23	
Surrogate: Toluene-d8		104 %	70-130	03/31/23	04/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2313100
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/23	04/05/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/23	04/05/23	
Surrogate: n-Nonane		107 %	50-200	04/01/23	04/05/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313084
Chloride	ND	20.0	1	03/30/23	04/03/23	



Sample Data

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

Project Name: Bell Lake 19 State 1H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/6/2023 11:08:35AM

SW2

E303156-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2313086
Benzene	ND	0.0250	1	03/31/23	04/03/23	
Ethylbenzene	ND	0.0250	1	03/31/23	04/03/23	
Toluene	ND	0.0250	1	03/31/23	04/03/23	
o-Xylene	ND	0.0250	1	03/31/23	04/03/23	
p,m-Xylene	ND	0.0500	1	03/31/23	04/03/23	
Total Xylenes	ND	0.0250	1	03/31/23	04/03/23	
Surrogate: Bromofluorobenzene		102 %	70-130	03/31/23	04/03/23	
Surrogate: 1,2-Dichloroethane-d4		115 %	70-130	03/31/23	04/03/23	
Surrogate: Toluene-d8		106 %	70-130	03/31/23	04/03/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2313086
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/31/23	04/03/23	
Surrogate: Bromofluorobenzene		102 %	70-130	03/31/23	04/03/23	
Surrogate: 1,2-Dichloroethane-d4		115 %	70-130	03/31/23	04/03/23	
Surrogate: Toluene-d8		106 %	70-130	03/31/23	04/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2313100
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/23	04/05/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/23	04/05/23	
Surrogate: n-Nonane		108 %	50-200	04/01/23	04/05/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313084
Chloride	ND	20.0	1	03/30/23	04/03/23	



Sample Data

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

Project Name: Bell Lake 19 State 1H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/6/2023 11:08:35AM

SW3

E303156-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2313086
Benzene	ND	0.0250	1	03/31/23	04/03/23	
Ethylbenzene	ND	0.0250	1	03/31/23	04/03/23	
Toluene	ND	0.0250	1	03/31/23	04/03/23	
o-Xylene	ND	0.0250	1	03/31/23	04/03/23	
p,m-Xylene	ND	0.0500	1	03/31/23	04/03/23	
Total Xylenes	ND	0.0250	1	03/31/23	04/03/23	
Surrogate: Bromofluorobenzene	99.4 %	70-130		03/31/23	04/03/23	
Surrogate: 1,2-Dichloroethane-d4	114 %	70-130		03/31/23	04/03/23	
Surrogate: Toluene-d8	104 %	70-130		03/31/23	04/03/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2313086
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/31/23	04/03/23	
Surrogate: Bromofluorobenzene	99.4 %	70-130		03/31/23	04/03/23	
Surrogate: 1,2-Dichloroethane-d4	114 %	70-130		03/31/23	04/03/23	
Surrogate: Toluene-d8	104 %	70-130		03/31/23	04/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2313100
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/23	04/05/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/23	04/05/23	
Surrogate: n-Nonane	108 %	50-200		04/01/23	04/05/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313084
Chloride	ND	20.0	1	03/30/23	04/04/23	



Sample Data

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

Project Name: Bell Lake 19 State 1H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/6/2023 11:08:35AM

SW4

E303156-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2313086
Benzene	ND	0.0250	1	03/31/23	04/03/23	
Ethylbenzene	ND	0.0250	1	03/31/23	04/03/23	
Toluene	ND	0.0250	1	03/31/23	04/03/23	
o-Xylene	ND	0.0250	1	03/31/23	04/03/23	
p,m-Xylene	ND	0.0500	1	03/31/23	04/03/23	
Total Xylenes	ND	0.0250	1	03/31/23	04/03/23	
Surrogate: Bromofluorobenzene	99.7 %	70-130		03/31/23	04/03/23	
Surrogate: 1,2-Dichloroethane-d4	109 %	70-130		03/31/23	04/03/23	
Surrogate: Toluene-d8	105 %	70-130		03/31/23	04/03/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2313086
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/31/23	04/03/23	
Surrogate: Bromofluorobenzene	99.7 %	70-130		03/31/23	04/03/23	
Surrogate: 1,2-Dichloroethane-d4	109 %	70-130		03/31/23	04/03/23	
Surrogate: Toluene-d8	105 %	70-130		03/31/23	04/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2313100
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/23	04/05/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/23	04/05/23	
Surrogate: n-Nonane	106 %	50-200		04/01/23	04/05/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313084
Chloride	ND	40.0	2	03/30/23	04/04/23	



Sample Data

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

Project Name: Bell Lake 19 State 1H
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
4/6/2023 11:08:35AM

BG1

E303156-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2313086
Benzene	ND	0.0250	1	03/31/23	04/03/23	
Ethylbenzene	ND	0.0250	1	03/31/23	04/03/23	
Toluene	ND	0.0250	1	03/31/23	04/03/23	
o-Xylene	ND	0.0250	1	03/31/23	04/03/23	
p,m-Xylene	ND	0.0500	1	03/31/23	04/03/23	
Total Xylenes	ND	0.0250	1	03/31/23	04/03/23	
Surrogate: Bromofluorobenzene	98.8 %	70-130		03/31/23	04/03/23	
Surrogate: 1,2-Dichloroethane-d4	111 %	70-130		03/31/23	04/03/23	
Surrogate: Toluene-d8	105 %	70-130		03/31/23	04/03/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2313086
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/31/23	04/03/23	
Surrogate: Bromofluorobenzene	98.8 %	70-130		03/31/23	04/03/23	
Surrogate: 1,2-Dichloroethane-d4	111 %	70-130		03/31/23	04/03/23	
Surrogate: Toluene-d8	105 %	70-130		03/31/23	04/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2313100
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/23	04/05/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/23	04/05/23	
Surrogate: n-Nonane	107 %	50-200		04/01/23	04/05/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2313084
Chloride	ND	20.0	1	03/30/23	04/04/23	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 State 1H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/6/2023 11:08:35AM

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 (2313086-BLK1)

Prepared: 03/31/23 Analyzed: 04/03/23

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	0.514		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.594		0.500		119	70-130			
Surrogate: Toluene-d8	0.514		0.500		103	70-130			

LCS (2313086-BS1)

Prepared: 03/31/23 Analyzed: 04/03/23

Benzene	2.45	0.0250	2.50		97.8	70-130			
Ethylbenzene	2.37	0.0250	2.50		95.0	70-130			
Toluene	2.47	0.0250	2.50		98.7	70-130			
o-Xylene	2.39	0.0250	2.50		95.4	70-130			
p,m-Xylene	4.73	0.0500	5.00		94.6	70-130			
Total Xylenes	7.12	0.0250	7.50		94.9	70-130			
Surrogate: Bromofluorobenzene	0.539		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.583		0.500		117	70-130			
Surrogate: Toluene-d8	0.511		0.500		102	70-130			

Matrix Spike (2313086-MS1)

Source: E303155-21

Prepared: 03/31/23 Analyzed: 04/03/23

Benzene	2.53	0.0250	2.50	ND	101	48-131			
Ethylbenzene	2.43	0.0250	2.50	ND	97.0	45-135			
Toluene	2.49	0.0250	2.50	ND	99.5	48-130			
o-Xylene	2.45	0.0250	2.50	ND	98.2	43-135			
p,m-Xylene	4.89	0.0500	5.00	ND	97.7	43-135			
Total Xylenes	7.34	0.0250	7.50	ND	97.9	43-135			
Surrogate: Bromofluorobenzene	0.523		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.571		0.500		114	70-130			
Surrogate: Toluene-d8	0.502		0.500		100	70-130			

Matrix Spike Dup (2313086-MSD1)

Source: E303155-21

Prepared: 03/31/23 Analyzed: 04/03/23

Benzene	2.47	0.0250	2.50	ND	98.9	48-131	2.36	23	
Ethylbenzene	2.43	0.0250	2.50	ND	97.2	45-135	0.206	27	
Toluene	2.50	0.0250	2.50	ND	100	48-130	0.421	24	
o-Xylene	2.47	0.0250	2.50	ND	98.8	43-135	0.670	27	
p,m-Xylene	4.91	0.0500	5.00	ND	98.1	43-135	0.378	27	
Total Xylenes	7.38	0.0250	7.50	ND	98.4	43-135	0.476	27	
Surrogate: Bromofluorobenzene	0.526		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.565		0.500		113	70-130			
Surrogate: Toluene-d8	0.511		0.500		102	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 State 1H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/6/2023 11:08:35AM

Volatile Organic Compounds by EPA 8260B

Analyst: SL

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

Blank (2313090-BLK1)

Prepared: 03/31/23 Analyzed: 04/03/23

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	0.477		0.500		95.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.520		0.500		104	70-130			
Surrogate: Toluene-d8	0.515		0.500		103	70-130			

LCS (2313090-BS1)

Prepared: 03/31/23 Analyzed: 04/03/23

Benzene	2.37	0.0250	2.50		94.6	70-130			
Ethylbenzene	2.41	0.0250	2.50		96.4	70-130			
Toluene	2.40	0.0250	2.50		96.1	70-130			
o-Xylene	2.43	0.0250	2.50		97.4	70-130			
p,m-Xylene	4.83	0.0500	5.00		96.7	70-130			
Total Xylenes	7.27	0.0250	7.50		96.9	70-130			
Surrogate: Bromofluorobenzene	0.509		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.490		0.500		98.0	70-130			
Surrogate: Toluene-d8	0.511		0.500		102	70-130			

Matrix Spike (2313090-MS1)

Source: E303156-03

Prepared: 03/31/23 Analyzed: 04/03/23

Benzene	2.30	0.0250	2.50	ND	92.2	48-131			
Ethylbenzene	2.40	0.0250	2.50	ND	96.1	45-135			
Toluene	2.37	0.0250	2.50	ND	95.0	48-130			
o-Xylene	2.41	0.0250	2.50	ND	96.5	43-135			
p,m-Xylene	4.80	0.0500	5.00	ND	96.0	43-135			
Total Xylenes	7.21	0.0250	7.50	ND	96.2	43-135			
Surrogate: Bromofluorobenzene	0.508		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.490		0.500		98.0	70-130			
Surrogate: Toluene-d8	0.512		0.500		102	70-130			

Matrix Spike Dup (2313090-MSD1)

Source: E303156-03

Prepared: 03/31/23 Analyzed: 04/04/23

Benzene	2.13	0.0250	2.50	ND	85.3	48-131	7.80	23	
Ethylbenzene	2.30	0.0250	2.50	ND	91.9	45-135	4.43	27	
Toluene	2.25	0.0250	2.50	ND	89.8	48-130	5.58	24	
o-Xylene	2.31	0.0250	2.50	ND	92.2	43-135	4.54	27	
p,m-Xylene	4.58	0.0500	5.00	ND	91.6	43-135	4.66	27	
Total Xylenes	6.89	0.0250	7.50	ND	91.8	43-135	4.62	27	
Surrogate: Bromofluorobenzene	0.494		0.500		98.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.4	70-130			
Surrogate: Toluene-d8	0.514		0.500		103	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 State 1H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/6/2023 11:08:35AM

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 (2313086-BLK1)

Prepared: 03/31/23 Analyzed: 04/03/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.514		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.594		0.500		119	70-130			
Surrogate: Toluene-d8	0.514		0.500		103	70-130			

LCS (2313086-BS2)

Prepared: 03/31/23 Analyzed: 04/03/23

Gasoline Range Organics (C6-C10)	51.3	20.0	50.0		103	70-130			
Surrogate: Bromofluorobenzene	0.518		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.584		0.500		117	70-130			
Surrogate: Toluene-d8	0.518		0.500		104	70-130			

Matrix Spike (2313086-MS2)

Source: E303155-21

Prepared: 03/31/23 Analyzed: 04/03/23

Gasoline Range Organics (C6-C10)	52.5	20.0	50.0	ND	105	70-130			
Surrogate: Bromofluorobenzene	0.528		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.569		0.500		114	70-130			
Surrogate: Toluene-d8	0.520		0.500		104	70-130			

Matrix Spike Dup (2313086-MSD2)

Source: E303155-21

Prepared: 03/31/23 Analyzed: 04/03/23

Gasoline Range Organics (C6-C10)	51.8	20.0	50.0	ND	104	70-130	1.22	20	
Surrogate: Bromofluorobenzene	0.525		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.567		0.500		113	70-130			
Surrogate: Toluene-d8	0.528		0.500		106	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 State 1H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/6/2023 11:08:35AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

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 (2313090-BLK1)

Prepared: 03/31/23 Analyzed: 04/03/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.477		0.500		95.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.520		0.500		104	70-130			
Surrogate: Toluene-d8	0.515		0.500		103	70-130			

LCS (2313090-BS2)

Prepared: 03/31/23 Analyzed: 04/03/23

Gasoline Range Organics (C6-C10)	50.0	20.0	50.0		100	70-130			
Surrogate: Bromofluorobenzene	0.501		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.480		0.500		96.0	70-130			
Surrogate: Toluene-d8	0.511		0.500		102	70-130			

Matrix Spike (2313090-MS2)

Source: E303156-03

Prepared: 03/31/23 Analyzed: 04/03/23

Gasoline Range Organics (C6-C10)	48.9	20.0	50.0	ND	97.7	70-130			
Surrogate: Bromofluorobenzene	0.497		0.500		99.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.8	70-130			
Surrogate: Toluene-d8	0.511		0.500		102	70-130			

Matrix Spike Dup (2313090-MSD2)

Source: E303156-03

Prepared: 03/31/23 Analyzed: 04/04/23

Gasoline Range Organics (C6-C10)	49.7	20.0	50.0	ND	99.3	70-130	1.63	20	
Surrogate: Bromofluorobenzene	0.485		0.500		97.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.2	70-130			
Surrogate: Toluene-d8	0.512		0.500		102	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 State 1H	Reported: 4/6/2023 11:08:35AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

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 (2313087-BLK1)					Prepared: 03/31/23 Analyzed: 04/05/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	59.2		50.0		118	50-200			

LCS (2313087-BS1)					Prepared: 03/31/23 Analyzed: 04/05/23				
Diesel Range Organics (C10-C28)	283	25.0	250		113	38-132			
Surrogate: n-Nonane	52.9		50.0		106	50-200			

Matrix Spike (2313087-MS1)					Source: E303156-20		Prepared: 03/31/23 Analyzed: 04/05/23		
Diesel Range Organics (C10-C28)	289	25.0	250	ND	116	38-132			
Surrogate: n-Nonane	52.7		50.0		105	50-200			

Matrix Spike Dup (2313087-MSD1)					Source: E303156-20		Prepared: 03/31/23 Analyzed: 04/05/23		
Diesel Range Organics (C10-C28)	292	25.0	250	ND	117	38-132	0.929	20	
Surrogate: n-Nonane	52.8		50.0		106	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Bell Lake 19 State 1H Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 4/6/2023 11:08:35AM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

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 (2313100-BLK1)

Prepared: 04/01/23 Analyzed: 04/05/23

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	59.2		50.0		118	50-200			

LCS (2313100-BS1)

Prepared: 04/01/23 Analyzed: 04/05/23

Diesel Range Organics (C10-C28)	282	25.0	250		113	38-132			
Surrogate: n-Nonane	57.0		50.0		114	50-200			

Matrix Spike (2313100-MS1)

Source: E303154-26

Prepared: 04/01/23 Analyzed: 04/05/23

Diesel Range Organics (C10-C28)	298	25.0	250	ND	119	38-132			
Surrogate: n-Nonane	55.9		50.0		112	50-200			

Matrix Spike Dup (2313100-MSD1)

Source: E303154-26

Prepared: 04/01/23 Analyzed: 04/05/23

Diesel Range Organics (C10-C28)	299	25.0	250	ND	120	38-132	0.291	20	
Surrogate: n-Nonane	55.5		50.0		111	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 State 1H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/6/2023 11:08:35AM

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 (2313080-BLK1)					Prepared: 03/30/23 Analyzed: 04/02/23				
Chloride	ND	20.0							
LCS (2313080-BS1)					Prepared: 03/30/23 Analyzed: 04/02/23				
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2313080-MS1)					Source: E303156-01		Prepared: 03/30/23 Analyzed: 04/02/23		
Chloride	370	20.0	250	111	104	80-120			
Matrix Spike Dup (2313080-MSD1)					Source: E303156-01		Prepared: 03/30/23 Analyzed: 04/02/23		
Chloride	363	20.0	250	111	101	80-120	1.75	20	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 State 1H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/6/2023 11:08:35AM

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 (2313084-BLK1)					Prepared: 03/30/23 Analyzed: 04/03/23				
Chloride	ND	20.0							
LCS (2313084-BS1)					Prepared: 03/30/23 Analyzed: 04/03/23				
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2313084-MS1)					Source: E303156-21		Prepared: 03/30/23 Analyzed: 04/03/23		
Chloride	251	20.0	250	ND	100	80-120			
Matrix Spike Dup (2313084-MSD1)					Source: E303156-21		Prepared: 03/30/23 Analyzed: 04/03/23		
Chloride	254	20.0	250	ND	102	80-120	1.09	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 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	04/06/23 11:08

- 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 3

Client: Pima Environmental Services Project: <u>Bell Lake 99 State 1H</u> Project Manager: Tom Bynum Address: 5614 N. Lovington Hwy. City, State, Zip: Hobbs, NM, 88240 Phone: 580-748-1613 Email: tom@pimaoil.com Report due by:					Bill To Attention: <u>Devon</u> Address: City, State, Zip: Phone: Email: Pima Project # <u>106</u>					Lab Use Only Lab WO# <u>E3031560</u> Job Number <u>61058-0007</u> Analysis and Method					TAT 1D 2D 3D Standard				EPA Program CWA SDWA RCRA	
										State NM CO UT AZ TX				Remarks						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX							
11:00	3/29/23	S	1	S1-1'	1							X								
11:05				S2-1'	2															
11:10				S3-1'	3															
11:15				S4-1'	4															
11:20				S5-1'	5															
11:25				S1-2'	6															
11:30				S2-2'	7															
11:35				S3-2'	8															
11:40				S4-2'	9															
11:45				S5-2'	10															
Additional Instructions: <u>Billing #: 21091994</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.																				
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)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only Received on ice: <u>Y</u> N												
<u>[Signature]</u>		3-30-23	2:00	<u>Michelle Gonzales</u>		3-30-23	1400													
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 T2 T3 4												
<u>Michelle Gonzales</u>		3-30-23	1730	<u>[Signature]</u>		3-30-23	1730													
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	AVG Temp °C												
<u>Lucas Li</u>		3-30-23	23:15	<u>[Signature]</u>		3-31-23	5:45													
Sample Matrix: <u>S</u> - Soil, Sd - 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.																				



Project Information

Chain of Custody

Page 2 of 3

Client: Pima Environmental Services					Bill To		Lab Use Only		TAT				EPA Program			
Project: <u>Bell Lake 19 State 1A</u>					Attention: <u>Devon</u>		Lab WO# <u>E303156</u>		Job Number <u>01058-0007</u>		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Tom Bynum					Address:		Analysis and Method									
Address: <u>5614 N. Lovington Hwy.</u>					City, State, Zip											
City, State, Zip <u>Hobbs, NM, 88240</u>					Phone:											
Phone: <u>580-748-1613</u>					Email:											
Email: <u>tom@pimaoil.com</u>					Pima Project # <u>106</u>											
Report due by:																
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC NM	BGDOC TX	State	
															NM CO UT AZ TX	
															Remarks	
11:50	3/29/23	S	1	S1-3'	11								X			
11:55				S2-3'	12											
12:00				S3-3'	13											
12:05				S4-3'	14											
12:10				S5-3'	15											
12:15				S1-4'	16											
12:20				S2-4'	17											
12:25				S3-4'	18											
12:30				S4-4'	19											
12:35				S5-4'	20											
Additional Instructions: <u>Billing # 21091994</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>Adriana Berandier</u>																
Relinquished by: (Signature) <u>AS</u>		Date <u>3-30-23</u>	Time <u>2:00</u>	Received by: (Signature) <u>Michelle Gumpals</u>		Date <u>3-30-23</u>	Time <u>1400</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 5 °C on subsequent days.								
Relinquished by: (Signature) <u>Michelle Gumpals</u>		Date <u>3-30-23</u>	Time <u>1730</u>	Received by: (Signature) <u>Armando Jari</u>		Date <u>3-30-23</u>	Time <u>1730</u>	Received on ice: <u>Y</u> / N								
Relinquished by: (Signature) <u>Armando Jari</u>		Date <u>3-30-23</u>	Time <u>2315</u>	Received by: (Signature) <u>Armando Jari</u>		Date <u>3-31-23</u>	Time <u>5:45</u>	T1 _____ T2 _____ T3 _____								
Sample Matrix: <u>S</u> - Soil, <u>Sd</u> - Solid, <u>Sg</u> - Sludge, <u>A</u> - Aqueous, <u>O</u> - Other								Container Type: <u>g</u> - glass, <u>p</u> - poly/plastic, <u>ag</u> - amber glass, <u>v</u> - 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

Project Information

Client: Pima Environmental Services					Bill To					Lab Use Only					TAT				EPA Program					
Project: Bell Lake 19 State 1H					Attention: Devon					Lab WO#		Job Number			1D	2D	3D	Standard	CWA	SDWA				
Project Manager: Tom Bynum					Address:					E3031560		010580007												
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	CO	UT	AZ	TX
Email: tom@pimaoil.com					Pima Project # 106															Remarks				
Report due by:																								
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC NM	BGDOC TX										
12:40	3/29/23	S	1	SW1	21								X											
12:45				SW2	22																			
12:50				SW3	23																			
12:55				SW4	24																			
1:00pm				BG1	25																			
Additional Instructions: Billing #: 21091994																								
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 5 °C on subsequent days.														
Relinquished by: (Signature) [Signature]					Date 3-30-23		Time 2:00		Received by: (Signature) [Signature]					Date 3-30-23					Time 1400					
Relinquished by: (Signature) [Signature]					Date 3-30-23		Time 1730		Received by: (Signature) [Signature]					Date 3-30-23					Time 1730					
Relinquished by: (Signature) [Signature]					Date 3-30-23		Time 2315		Received by: (Signature) [Signature]					Date 3-31-23					Time 5:45					
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: 3/31/2023 12:30:59PM

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:	03/31/23 05:45	Work Order ID:	E303156
Phone:	(575) 631-6977	Date Logged In:	03/30/23 16:17	Logged In By:	Caitlin Christian
Email:	tom@pimaoil.com	Due Date:	04/06/23 17:00 (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.

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

CONDITIONS

Action 208400

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 208400
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	5/4/2023