



RECLAMATION CLOSURE REPORT

PREPARED FOR:
DEVON ENERGY PRODUCTION, LP.

PREPARED BY:
PIMA ENVIRONMENTAL SERVICES, LLC.

May 16th, 2025
PIMA ENVIRONMENTAL SERVICES, LLC.
5614 N LOVINGTON HWY, HOBBS, NM 88240



NMOCD District 1
1625 N. French Drive
Hobbs, NM 88240

Bureau of Land Management
620 E Green St.
Carlsbad, NM 88220

RE: RECLAMATION CLOSURE REPORT

LOCATION: Bell Lake 19 CTB 3

FACILITY ID: fAPP2123636889

GPS: 32.19711, -103.60613

INCIDENT LOCATION: UL- P. Section 19, T24S, R33E

COUNTY: Lea

NMOCD REF. NO. NAPP2320174300

Pima Environmental Services, LLC (Pima) has been contracted by Devon Energy Production Company, LP (Devon) to prepare the Reclamation Closure Report for the Bell Lake 19 CTB 3 site (hereafter referred to as the “Bell Lake”). This report provides a comprehensive overview of the site’s history, details the reclamation activities that have been undertaken to date, and outlines a proposed plan for ongoing vegetation monitoring.

SITE CHARACTERIZATION

The Bell Lake is located approximately twenty-four (24) miles northwest of Bennett, NM. This spill site is in Unit P, Section 19, Township 24S, Range 33E, Latitude 32.19711 Longitude -103.60613, Lea County, NM. Figure 1 references a Location Map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is made up interlayered eolian sands and piedmont-slope deposits along the eastern flank of the Pecos River valley, primarily between Roswell and Carlsbad. Typically capped by thin eolian deposits. The soil in this area is made up of Berino-Cacique loamy fine sands association, according to the United States Department of Agriculture Natural Resources Conservation Service soil survey (Appendix B). The drainage class in this area is well drained. There is a low potential for karst geology to be present around the Bell Lake (Figure 3). A Topographic Map can be referenced in Figure 2.

Based on the well water data from the New Mexico Office of the State Engineer water well (C-04768- POD 1), the depth to the nearest groundwater in this vicinity measures 55 feet below grade surface (BGS), positioned 0.21 of a mile away from the Bell Lake, drilled, December 13, 2023. Conversely, as per the United States Geological Survey well water data (USGS321236103350101), the nearest groundwater depth in this region is recorded at 97 feet BGS, situated approximately 1.59 miles away from the Bell Lake, with the last gauge conducted in 1986. The nearest water feature is a Salt Playa located approximately 13.64 miles to the northeast of this site. For detailed references to water surveys and the precise locations of water wells, please refer to Appendix A, inclusive of the relevant maps.



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Bell Lake 19 CTB 3 | NAPP2320174300

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SITE CONDITIONS AND HISTORY

NAPP2320174300

On July 20, 2023, a broken sight glass on a separator, caused fluid to be released on the pad. The released fluids were calculated to be approximately 4 barrels (bbls) of crude oil and 4 bbls of produced water. A vacuum truck was able to recover 4 bbls of standing fluid.

While incident NAPP2320174300 was being addressed, depth to groundwater was classified as <50' BGS due to lack of groundwater data.

On August 30, and December 6 of 2023, Pima Environmental conducted a site assessment and obtained soil samples. The laboratory results of this sampling event can be found in Figure 4. Analytical Laboratory Reports can be found in Appendix D. Photographic Documentation can be found in Appendix C.

On January 22, 2024, the Devon Construction Department mobilized personnel and equipment to begin immediate remediation activities. They began by excavating the area to a depth of 5' BGS. The contaminated soil (222 cubic yards) was hauled to an approved, lined disposal facility and clean backfill material was brought in.

On January 31, 2024, after sending a 48-hour notification, application ID: 308772, Pima returned to the site to collect confirmation samples of the excavation. The results of this sampling event can be found in Figure 4. Analytical Laboratory Reports can be found in Appendix D. Photographic Documentation can be found in Appendix C.

The sample results were below NMOCD Closure Criteria 19.15.29 NMAC. Based on these findings, no additional remediation activities were required at this location.

A Remediation Closure Report (Application ID: 332003), was submitted to the NMOCD on April 10, 2024, for approval.

On May 9, 2024, Incident ID: NAPP2320174300, was approved by the NMOCD.

RECLAMATION ACTIVITIES

On May 1, 2025, Pima personnel returned to the site to collect samples from backfilled areas. The results of this sampling event can be found in Figure 4. Analytical Laboratory Reports can be found in Appendix D. Photographic Documentation can be found in Appendix C.

The areas of concern do not require reclamation at this time as the conditions of the areas that were reported to have been affected were non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg and TPH concentrations less than 100 mg/kg. To support this the Laboratory Analytical Reports are available in Appendix D. Furthermore, Photographic Documentation to prove that the ground has not been affected is available in Appendix C.

RECLAMATION OF THE SITE

Devon Energy will carry out reclamation activities and seeding of the site within 25 years or immediately after the site is no longer needed for production and/or subsequent drilling operations, whichever comes sooner.



REQUEST OF APPROVAL

After careful review, Pima requests that this Reclamation Closure Report for the Bell Lake 19 CTB 3, incident ID NAPP2320174300, be approved.

Should you have any questions or need additional information, please feel free to contact:

Devon Energy Production – Jim Raley at 575-689-7597 or jim.raley@devon.com.

Pima Environmental – Lynsey Coons at 575-318-7532 or lynsey@pimaoil.com.

Respectfully,



Lynsey Coons

Project Manager

Pima Environmental Services, LLC



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Bell Lake 19 CTB 3 | NAPP2320174300

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ATTACHMENTS

FIGURES:

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

APPENDICES:

Appendix A – Water Surveys, Surface Water Map

Appendix B – Soil Survey, Geological Data, FEMA Flood Map, Wetlands Map

Appendix C – Photographic Documentation

Appendix D – Laboratory Results



FIGURES

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





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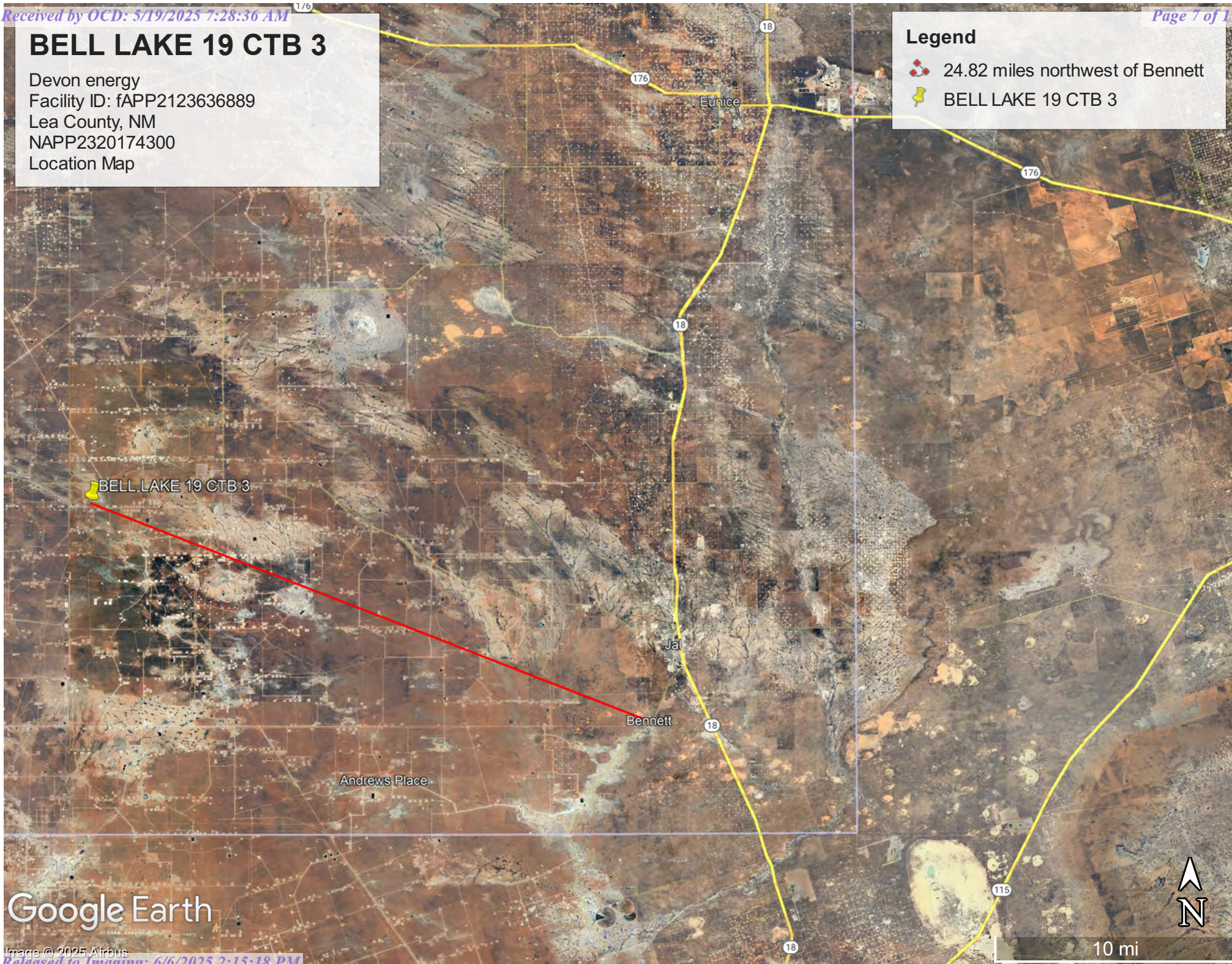
DEVON ENERGY PRODUCTION, LP.

BELL LAKE 19 CTB 3

Devon energy
Facility ID: fAPP2123636889
Lea County, NM
NAPP2320174300
Location Map

Legend

-  24.82 miles northwest of Bennett
-  BELL LAKE 19 CTB 3



Google Earth

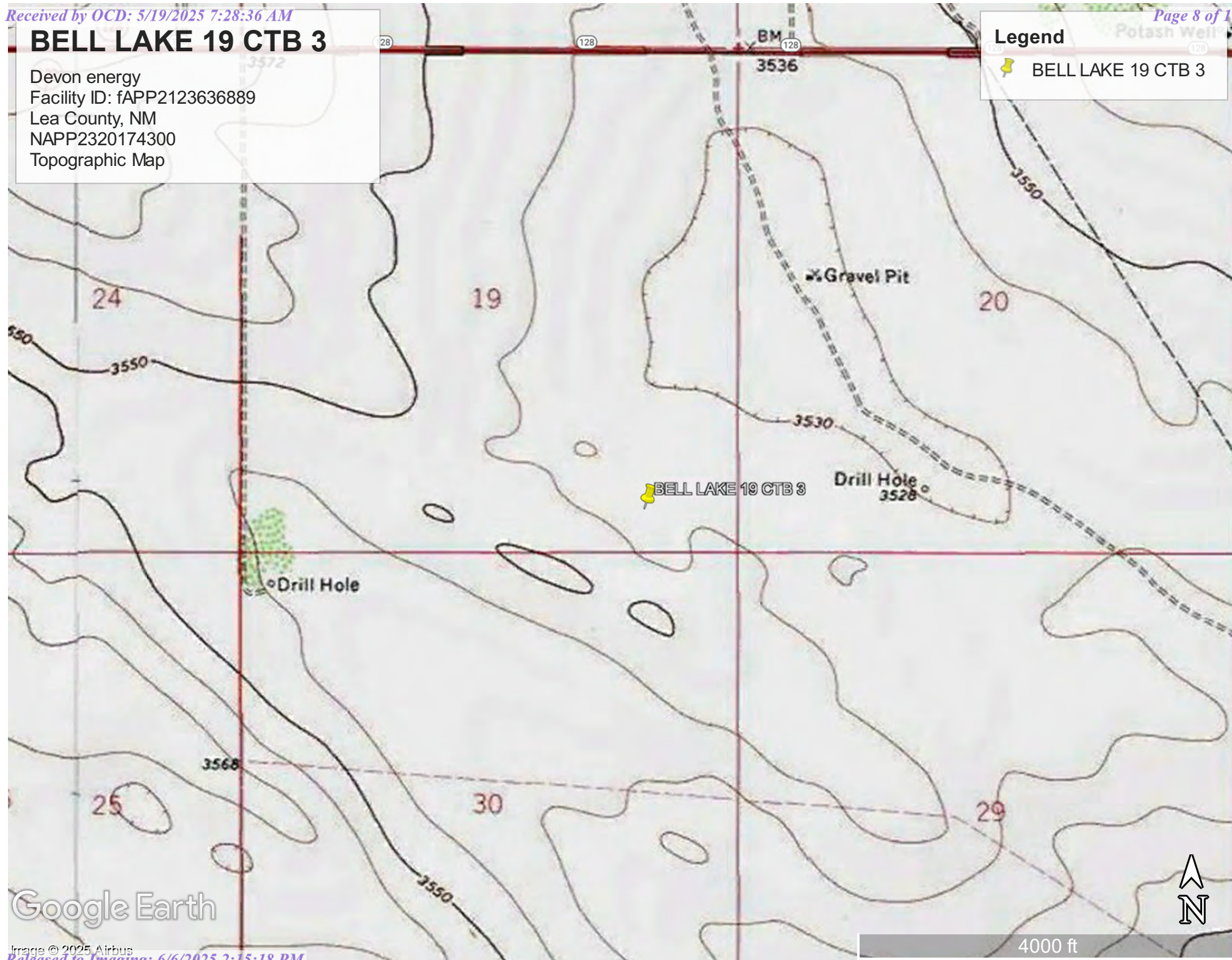
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BELL LAKE 19 CTB 3

Devon energy
Facility ID: fAPP2123636889
Lea County, NM
NAPP2320174300
Topographic Map

Legend

 BELL LAKE 19 CTB 3








Google Earth

GREEN WAVE 20 CTB 3

Devon energy
Facility ID: fAPP2123636889
Lea County, NM
NAPP2320174300
Karst Map

Legend

-  BELL LAKE 19 CTB 3
-  High Karst
-  Low Karst
-  Medium Karst

 BELL LAKE 19 CTB 3

Andrews Place

Google Earth

Image © 2025 Airbus

10 mi



Assessment Data Tables



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NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')									
DEVON ENERGY Bell Lake 19 CTB 3									
NM Approved Laboratory Results									
Sample ID	Sample Date	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	CI mg/kg
S1	8/30/2023	1'	0.0875	ND	ND	2840	1260	4100.0875	8770
		2'	0.1	ND	ND	10100	4290	14390.1	10100
		3'	ND	ND	ND	126	66.5	192.5	714
		4'	ND	ND	ND	111	67.4	178.4	447
S1	12/6/2023	5'	ND	ND	ND	ND	ND	0	ND
		6'	ND	ND	ND	ND	ND	0	28.8
		7'	ND	ND	ND	ND	ND	0	ND
S2	8/30/2023	1'	0.418	ND	ND	6970	3020	9990.418	11700
		2'	0.484	ND	20.2	9210	3850	13080.684	10700
		3'	0.101	ND	ND	3270	1610	4880.101	4520
S2	12/6/2023	5'	ND	ND	ND	ND	ND	0	ND
		6'	ND	ND	ND	ND	ND	0	ND
		7'	ND	ND	ND	ND	ND	0	ND
S3	8/30/2023	1'	0.292	ND	ND	3800	1570	5370.292	11700
		2'	0.159	ND	28.9	8090	3860	11979.059	12500
		3'	0.179	ND	ND	2360	939	3299.179	4400
S3	12/6/2023	5'	ND	ND	ND	ND	ND	0	ND
		6'	ND	ND	ND	ND	ND	0	ND
		7'	ND	ND	ND	ND	ND	0	ND
S4	8/30/2023	1'	1.2	ND	ND	4400	1950	6351.2	11600
		2'	ND	ND	ND	7020	2880	9900	633
		3'	ND	ND	ND	997	390	1387	149
		4'	ND	ND	ND	668	285	953	207
S4	12/6/2023	5'	ND	ND	ND	ND	ND	0	ND
		6'	ND	ND	ND	ND	ND	0	ND
		7'	ND	ND	ND	ND	ND	0	ND
S5	8/30/2023	1'	0.196	ND	ND	4100	1860	5960.196	10500
		2'	0.303	ND	ND	5440	2470	7910.303	11600
		3'	ND	ND	ND	357	190	547	380
		4'	0.286	ND	23.1	6850	2610	9483.386	902
S5	12/6/2023	5'	ND	ND	ND	ND	ND	0	ND
		6'	ND	ND	ND	ND	ND	0	ND
		7'	ND	ND	ND	ND	ND	0	ND
SW1	8/30/2023	6"	ND	ND	ND	ND	ND	0	ND
SW2		6"	ND	ND	ND	ND	ND	0	ND
SW3		6"	ND	ND	ND	ND	ND	0	ND
SW4		6"	ND	ND	ND	ND	ND	0	ND
SW5		6"	ND	ND	ND	ND	ND	0	ND
SW6		6"	ND	ND	ND	ND	ND	0	ND
SW7		6"	ND	ND	ND	ND	ND	0	ND
BG1		6"	ND	ND	ND	ND	ND	0	ND

Confirmation Data Tables



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DEVON ENERGY PRODUCTION, LP.

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
DEVON ENERGY Bell Lake 19 CTB 3								
Date: 1-31-24		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
CS1-Bottom	5'	ND	ND	ND	ND	ND	0	ND
CS2- Bottom	5'	ND	ND	ND	ND	ND	0	ND
CS3-Bottom	5'	ND	ND	ND	ND	ND	0	ND
CS4-Bottom	5'	ND	ND	ND	ND	ND	0	ND
CS5-Bottom	5'	ND	ND	ND	ND	ND	0	ND
CS6- Bottom	5'	ND	ND	ND	ND	ND	0	ND
CS7-Bottom	5'	ND	ND	ND	ND	ND	0	ND
CSW1	5'	ND	ND	ND	ND	ND	0	ND
CSW2	5'	ND	ND	ND	ND	ND	0	ND
CSW3	5'	ND	ND	ND	ND	ND	0	ND
CSW4	5'	ND	ND	ND	ND	ND	0	ND
CSW5	5'	ND	ND	ND	ND	ND	0	ND
CSW6	5'	ND	ND	ND	ND	ND	0	ND
CSW7	5'	ND	ND	ND	ND	ND	0	ND
CSW8	5'	ND	ND	ND	ND	ND	0	ND
CSW9	5'	ND	ND	ND	ND	ND	0	ND
CSW10	5'	ND	ND	ND	ND	ND	0	ND
CSW11	5'	ND	ND	ND	ND	ND	0	ND
CSW12	5'	ND	ND	ND	ND	ND	0	ND
CSW13	5'	ND	ND	ND	ND	ND	0	ND
CSW14	5'	ND	ND	ND	ND	ND	0	ND
CSW15	5'	ND	ND	ND	ND	ND	0	ND
CSW16	5'	ND	ND	ND	ND	ND	0	ND

Backfill Data Tables



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NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
DEVON ENERGY Bell Lake 19 CTB 3								
Date: 5-1-25		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
BACKFILL 1	Comp	ND	ND	ND	ND	ND	0	ND
BACKFILL 1	Comp	ND	ND	ND	ND	ND	0	ND

Bell Lake 19 CTB 3

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

Legend

-  Bell Lake 19 CTB 3
-  Sidewalls/Background
-  Samples
-  Spill Area 1,202 sqft

 Bell Lake 19 CTB 3

SW5 S5 S4 SW4
SW6 S3 S2 SW3
SW7 S1 SW2
SW1

BG1



100 ft


Google Earth

Bell Lake 19 CTB 3

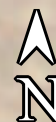
Devon Energy
API: N/A
Lea County, NM
Confirmation Sample Map

Legend

- Confirmation Bottom Samples
- Confirmation Sidewalls Samples
- Untitled Polygon

 Bell Lake 19 CTB 3

CSW15 CSW14 CSW13
CSW16 CS1 CS2 CS3 CSW12
CSW9 CSW10 CSW11
CSW8
CSW5 CSW7
CS4 CS5 CSW6
CSW1 CSW4 CSW3
CS6 CS7
CSW2



90 ft

Google Earth

APPENDIX A

OSE Water Survey

USGS Water Survey

Surface Water Map




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Point of Diversion Summary

quarters are 1=NW 2=NE 3=SW 4=SE
quarters are smallest to largest

NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tw	Rng	X	Y	Map
NA	C 04768 POD1	SW	SW	SE	19	24S	33E	631047.5	3563110.7	

* UTM location was derived from PLSS - see Help

Driller License:	1833	Driller Company:	VISION RESOURCES, INC		
Driller Name:	JASON MALEY				
Drill Start Date:	2023-12-13	Drill Finish Date:	2023-12-13	Plug Date:	2023-12-20
Log File Date:	2024-01-12	PCW Rcv Date:		Source:	
Pump Type:		Pipe Discharge Size:		Estimated Yield:	
Casing Size:		Depth Well:	55	Depth Water:	

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

BELL LAKE 19 CTB 3

Devon energy
Facility ID: fAPP2123636889
Lea County, NM
NAPP2320174300
OSE Pod Map

Legend

- 0.21 miles
- BELL LAKE 19 CTB 3
- C 04768 POD1

C 04768 POD1

BELL LAKE 19 CTB 3

Google Earth

Image © 2025 Airbus

Released to Imaging: 6/6/2025 2:15:18 PM

800 ft





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[Contact USGS](#)
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National Water Information System: Web Interface

USGS Water Resources

Data Category:

Groundwater

Geographic Area:

United States

GO

Click to hide News Bulletins

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

Groundwater levels for the Nation

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

Search Results -- 1 sites found

site_no list =

- 321236103350101

Minimum number of levels = 1

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

USGS 321236103350101 24S.33E.17.444414

Available data for this site

Groundwater: Field measurements

GO

Lea County, New Mexico

Hydrologic Unit Code 13070007

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

Land-surface elevation 3,573 feet above NAVD88

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

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

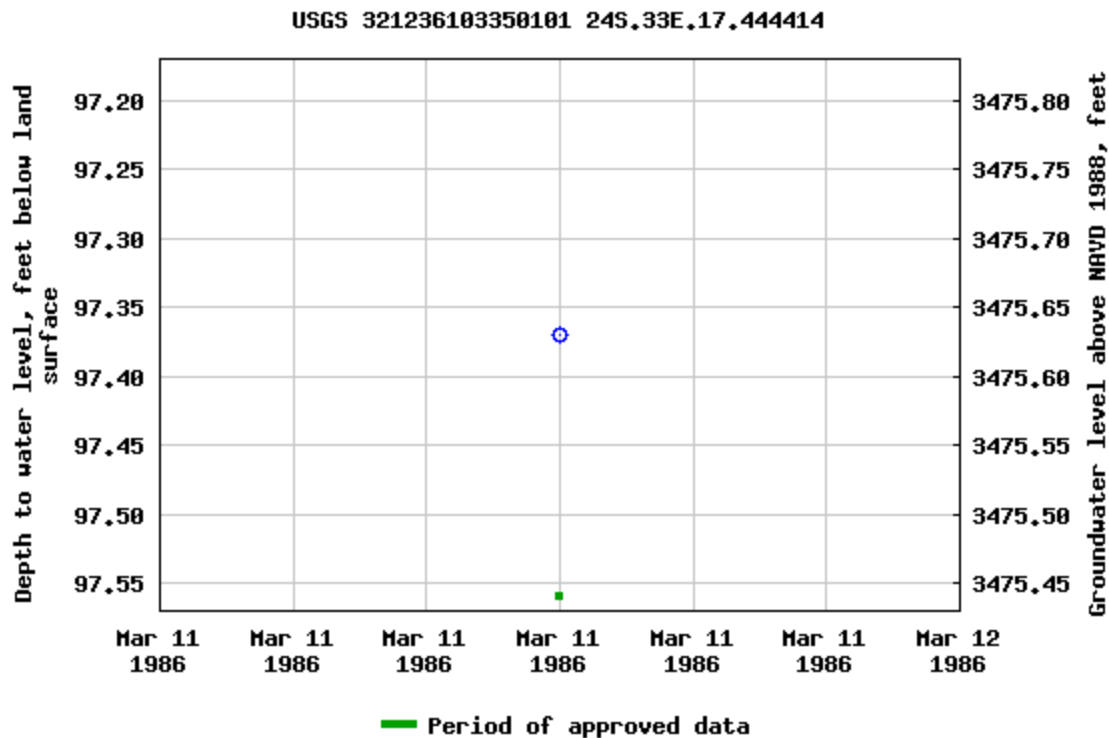
Output formats

[Table of data](#)

[Tab-separated data](#)

[Graph of data](#)

[Reselect period](#)



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

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Title: Groundwater for USA: Water Levels

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



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

Page Last Modified: 2025-05-12 13:22:52 EDT

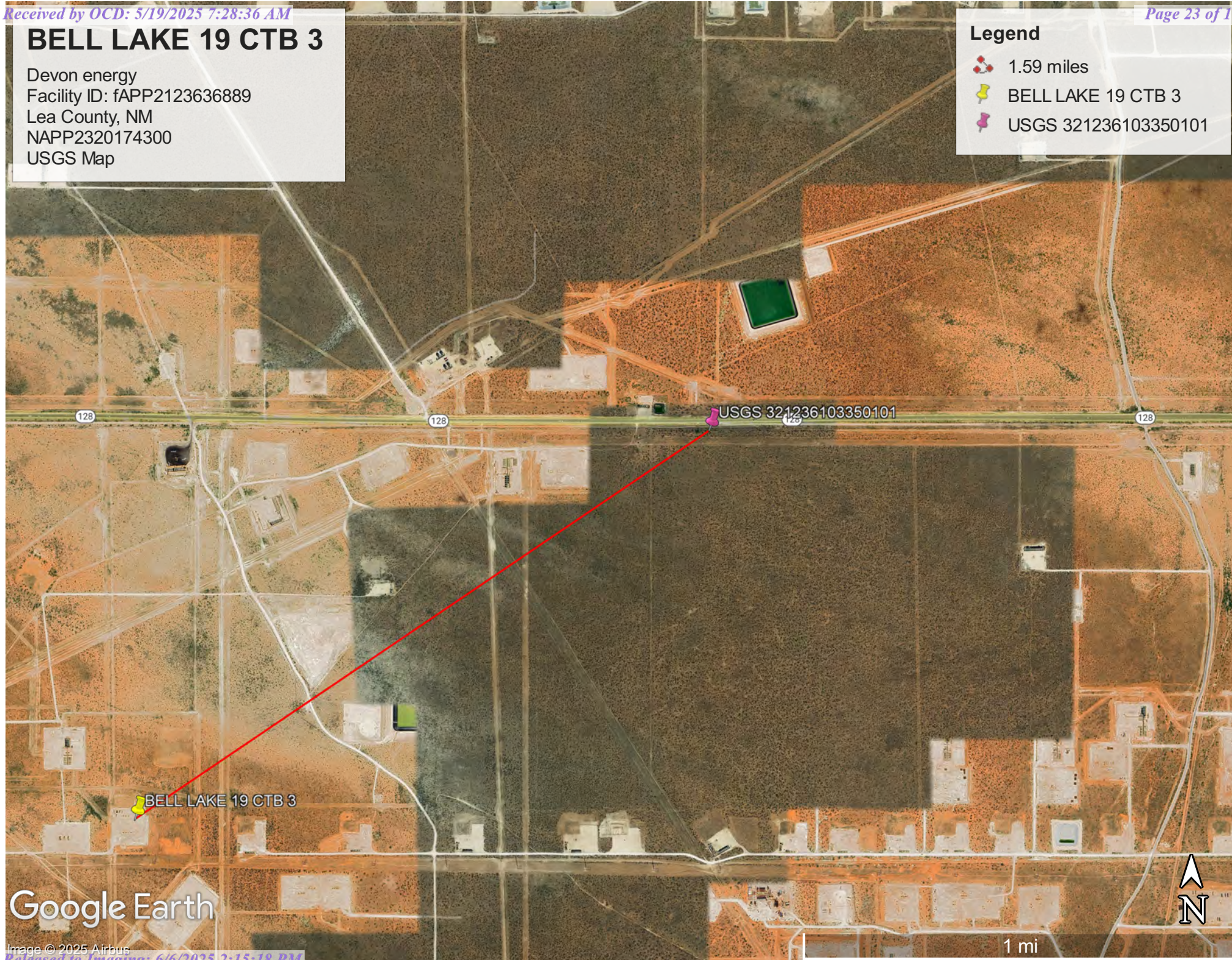
0.57 0.41 nadww02

BELL LAKE 19 CTB 3

Devon energy
Facility ID: fAPP2123636889
Lea County, NM
NAPP2320174300
USGS Map

Legend

- 1.59 miles
- BELL LAKE 19 CTB 3
- USGS 321236103350101






Google Earth

Image © 2025 Airbus

BELL LAKE 19 CTB 3

Devon energy
Facility ID: fAPP2123636889
Lea County, NM
NAPP2320174300
Surface Water Map

Legend

-  13.64 miles
-  BELL LAKE 19 CTB 3
-  Salt Playa

BELL LAKE 19 CTB 3

Salt Playa

Google Earth

Image © 2025 Airbus



9 mi

APPENDIX B

Soil Survey & Geological Data

Geologic Unit Map

FEMA Flood Map

Wetlands Map



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DEVON ENERGY PRODUCTION, LP.

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

Lea County, New Mexico

BE—Berino-Cacique loamy fine sands association

Map Unit Setting

National map unit symbol: dmpd

Elevation: 3,000 to 3,900 feet

Mean annual precipitation: 10 to 13 inches

Mean annual air temperature: 60 to 62 degrees F

Frost-free period: 190 to 205 days

Farmland classification: Not prime farmland

Map Unit Composition

Berino and similar soils: 50 percent

Cacique and similar soils: 40 percent

Minor components: 10 percent

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

Description of Berino

Setting

Landform: Plains

Landform position (three-dimensional): Rise

Down-slope shape: Linear

Across-slope shape: Linear

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

Typical profile

A - 0 to 6 inches: loamy fine sand

Btk - 6 to 60 inches: sandy clay loam

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Runoff class: Low

Capacity of the most limiting layer to transmit water

(Ksat): Moderately high to high (0.60 to 2.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 40 percent

Gypsum, maximum content: 1 percent

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

Sodium adsorption ratio, maximum: 2.0

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

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

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 7c

Hydrologic Soil Group: B

Ecological site: R070BD003NM - Loamy Sand

Hydric soil rating: No

Description of Cacique**Setting**

Landform: Plains

Landform position (three-dimensional): Rise

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Calcareous eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 12 inches: loamy fine sand

Bt - 12 to 28 inches: sandy clay loam

Bkm - 28 to 38 inches: cemented material

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: 20 to 40 inches to petrocalcic

Drainage class: Well drained

Runoff class: High

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

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 5 percent

Gypsum, maximum content: 1 percent

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

Sodium adsorption ratio, maximum: 2.0

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

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 7c

Hydrologic Soil Group: C

Ecological site: R070BD004NM - Sandy

Hydric soil rating: No

Minor Components**Maljamar**

Percent of map unit: 6 percent


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

Hydric soil rating: No



MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Lea County, New Mexico
Survey Area Data: Version 21, Sep 3, 2024

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 7, 2020—May 12, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BE	Berino-Cacique loamy fine sands association	7.6	100.0%
Totals for Area of Interest		7.6	100.0%

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

Palomas

Percent of map unit: 4 percent

Ecological site: R070BD003NM - Loamy Sand

Hydric soil rating: No

Data Source Information

Soil Survey Area: Lea County, New Mexico

Survey Area Data: Version 21, Sep 3, 2024

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

Mineral Resources (<https://www.usgs.gov/energy-and-minerals/mineral-resources-program>)

/ Online Spatial Data (/) / Geology (/geology/) / by state (/geology/state/)

/ New Mexico (/geology/state/state.php?state=NM)

Eolian and piedmont deposits

XML (/geology/state/xml/NMQep;0)

JSON (/geology/state/json/NMQep;0)

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

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

State New Mexico (/geology/state/state.php?state=NM)

Name Eolian and piedmont deposits

Geologic age Holocene to middle Pleistocene

Lithologic constituents Major
Unconsolidated (Eolian) Interlayered eolian sands and piedmont-slope deposits

References New Mexico Bureau of Geology and Mineral Resources, 2003, Geologic Map of New Mexico, scale 1:500,000 (includes some new polygons, faults, and attributes not in NM001 - heads up digitizing by JHorton).

NGMDB product NGMDB product page for 22974
(https://ngmdb.usgs.gov/Prodesc/proddesc_22974.htm)

Counties Chaves (/geology/state/fips-unit.php?code=f35005) - DeBaca (/geology/state/fips-unit.php?code=f35011) - Eddy (/geology/state/fips-unit.php?code=f35015) - Lea (/geology/state/fips-unit.php?code=f35025) - Roosevelt (/geology/state/fips-unit.php?code=f35041)

DOI Privacy Policy (<https://www.doi.gov/privacy>) | Legal (https://www.usgs.gov/laws/policies_notices.html) |

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Contact USGS (<https://answers.usgs.gov/>)

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




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

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

BELL LAKE 19 CTB 3

Devon energy
Facility ID: fAPP2123636889
Lea County, NM
NAPP2320174300
Geological Map

Legend

-  BELL LAKE 19 CTB 3
-  Eolian and piedmont deposits
-  Piedmont alluvial deposits

BELL LAKE 19 CTB 3

Google Earth

Image © 2025 Airbus

Released to Imaging: 6/6/2025 2:15:18 PM



2000 ft

National Flood Hazard Layer FIRMette



103°36'41"W 32°12'5"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 |
| OTHER AREAS OF FLOOD HAZARD | | 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X |
| | | Future Conditions 1% Annual Chance Flood Hazard Zone X |
| | | Area with Reduced Flood Risk due to Levee. See Notes. Zone X |
| | | Area with Flood Risk due to Levee Zone X |
| OTHER AREAS | | NO SCREEN Area of Minimal Flood Hazard Zone X |
| | | Effective LOMRs |
| GENERAL STRUCTURES | | Area of Undetermined Flood Hazard Zone D |
| | | Channel, Culvert, or Storm Sewer |
| OTHER FEATURES | | Levee, Dike, or Floodwall |
| | | Cross Sections with 1% Annual Chance Water Surface Elevation |
| MAP PANELS | | Coastal Transect |
| | | Base Flood Elevation Line (BFE) |
| OTHER FEATURES | | Limit of Study |
| | | Jurisdiction Boundary |
| OTHER FEATURES | | Coastal Transect Baseline |
| | | Profile Baseline |
| OTHER FEATURES | | Hydrographic Feature |
| | | Digital Data Available |
| MAP PANELS | | 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 5/12/2025 at 5:25 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.

0 250 500 1,000 1,500 2,000 Feet

1:6,000

103°36'3"W 32°11'34"N

Basemap Imagery Source: USGS National Map 2023

Released to Imaging: 6/6/2025 2:15:18 PM


Received by OCD: 5/12/2025 7:28:36 AM

Page 35 of 177



May 12, 2025

Wetlands

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

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

APPENDIX C

Photographic Documentation



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

DEVON ENERGY PRODUCTION, LP.



SITE PHOTOGRAPHS

DEVON ENERGY

Bell Lake 19 CTB 3

Assessment





Pre Excavation



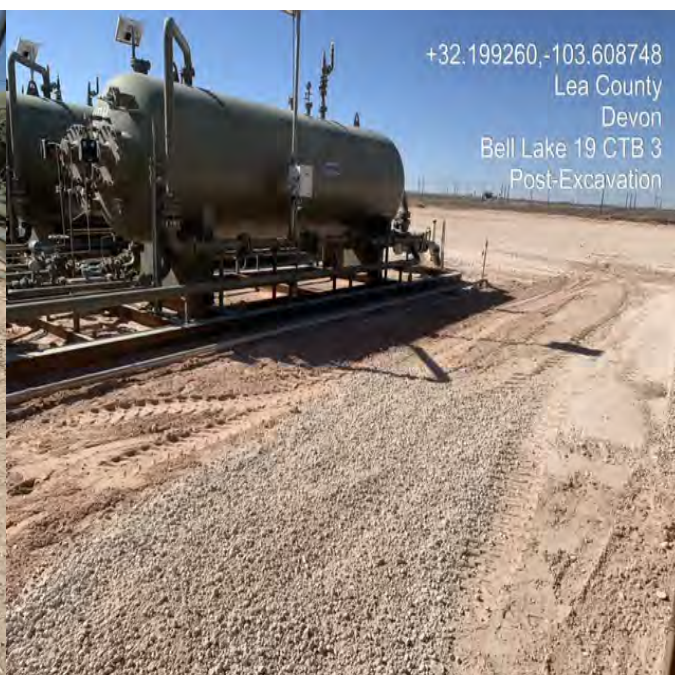


Excavation





Post Excavation



APPENDIX D

Laboratory Results



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

DEVON ENERGY PRODUCTION, LP.

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 CTB 3

Work Order: E308250

Job Number: 01058-0007

Received: 9/1/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
9/8/23

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: 9/8/23

Tom Bynum
PO Box 247
Plains, TX 79355-0247



Project Name: Bell Lake 19 CTB 3
Workorder: E308250
Date Received: 9/1/2023 5:45:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/1/2023 5:45:00AM, under the Project Name: Bell Lake 19 CTB 3.

The analytical test results summarized in this report with the Project Name: Bell Lake 19 CTB 3 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
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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 CTB 3	Reported: 09/08/23 14:27
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'	E308250-01A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.
S1 - 2'	E308250-02A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.
S1 - 3'	E308250-03A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.
S1 - 4'	E308250-04A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.
S2 - 1'	E308250-05A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.
S2 - 2'	E308250-06A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.
S2 - 3	E308250-07A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.
S3 - 1'	E308250-08A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.
S3 2'	E308250-09A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.
S3 3'	E308250-10A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.
S4 - 1'	E308250-11A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.
S4 - 2'	E308250-12A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.
S4 - 3'	E308250-13A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.
S4 - 4'	E308250-14A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.
S5 - 1'	E308250-15A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.
S5 - 2'	E308250-16A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.
S5 - 3'	E308250-17A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.
S5 - 4'	E308250-18A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.
SW1	E308250-19A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.
SW2	E308250-20A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.
SW3	E308250-21A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.
SW4	E308250-22A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.
SW5	E308250-23A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.
SW6	E308250-24A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.
SW7	E308250-25A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.
BG1	E308250-26A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.



Sample Data

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

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

Reported:
9/8/2023 2:27:27PM

S1 - 1'

E308250-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2336006
Benzene	ND	0.0250	1	09/05/23	09/06/23	
Ethylbenzene	ND	0.0250	1	09/05/23	09/06/23	
Toluene	ND	0.0250	1	09/05/23	09/06/23	
o-Xylene	0.0325	0.0250	1	09/05/23	09/06/23	
p,m-Xylene	0.0550	0.0500	1	09/05/23	09/06/23	
Total Xylenes	0.0875	0.0250	1	09/05/23	09/06/23	
Surrogate: Bromofluorobenzene		116 %	70-130	09/05/23	09/06/23	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130	09/05/23	09/06/23	
Surrogate: Toluene-d8		111 %	70-130	09/05/23	09/06/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2336006
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/23	09/06/23	
Surrogate: Bromofluorobenzene		116 %	70-130	09/05/23	09/06/23	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130	09/05/23	09/06/23	
Surrogate: Toluene-d8		111 %	70-130	09/05/23	09/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2336018
Diesel Range Organics (C10-C28)	2840	25.0	1	09/05/23	09/06/23	
Oil Range Organics (C28-C36)	1260	50.0	1	09/05/23	09/06/23	
Surrogate: n-Nonane		99.3 %	50-200	09/05/23	09/06/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2336047
Chloride	8770	400	20	09/06/23	09/07/23	



Sample Data

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

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

Reported:
9/8/2023 2:27:27PM

S1 - 2'

E308250-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2336006
Benzene	ND	0.0250	1	09/05/23	09/06/23	
Ethylbenzene	ND	0.0250	1	09/05/23	09/06/23	
Toluene	ND	0.0250	1	09/05/23	09/06/23	
o-Xylene	0.0370	0.0250	1	09/05/23	09/06/23	
p,m-Xylene	0.0630	0.0500	1	09/05/23	09/06/23	
Total Xylenes	0.100	0.0250	1	09/05/23	09/06/23	
Surrogate: Bromofluorobenzene		117 %	70-130	09/05/23	09/06/23	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130	09/05/23	09/06/23	
Surrogate: Toluene-d8		110 %	70-130	09/05/23	09/06/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2336006
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/23	09/06/23	
Surrogate: Bromofluorobenzene		117 %	70-130	09/05/23	09/06/23	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130	09/05/23	09/06/23	
Surrogate: Toluene-d8		110 %	70-130	09/05/23	09/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2336018
Diesel Range Organics (C10-C28)	10100	250	10	09/05/23	09/07/23	
Oil Range Organics (C28-C36)	4290	500	10	09/05/23	09/07/23	
Surrogate: n-Nonane		103 %	50-200	09/05/23	09/07/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2336047
Chloride	10100	400	20	09/06/23	09/07/23	



Sample Data

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

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

Reported:
9/8/2023 2:27:27PM

S1 - 3'

E308250-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2336006
Benzene	ND	0.0250	1	09/05/23	09/06/23	
Ethylbenzene	ND	0.0250	1	09/05/23	09/06/23	
Toluene	ND	0.0250	1	09/05/23	09/06/23	
o-Xylene	ND	0.0250	1	09/05/23	09/06/23	
p,m-Xylene	ND	0.0500	1	09/05/23	09/06/23	
Total Xylenes	ND	0.0250	1	09/05/23	09/06/23	
Surrogate: Bromofluorobenzene		123 %	70-130	09/05/23	09/06/23	
Surrogate: 1,2-Dichloroethane-d4		97.7 %	70-130	09/05/23	09/06/23	
Surrogate: Toluene-d8		110 %	70-130	09/05/23	09/06/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2336006
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/23	09/06/23	
Surrogate: Bromofluorobenzene		123 %	70-130	09/05/23	09/06/23	
Surrogate: 1,2-Dichloroethane-d4		97.7 %	70-130	09/05/23	09/06/23	
Surrogate: Toluene-d8		110 %	70-130	09/05/23	09/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2336018
Diesel Range Organics (C10-C28)	126	25.0	1	09/05/23	09/07/23	
Oil Range Organics (C28-C36)	66.5	50.0	1	09/05/23	09/07/23	
Surrogate: n-Nonane		97.7 %	50-200	09/05/23	09/07/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2336047
Chloride	714	20.0	1	09/06/23	09/07/23	



Sample Data

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

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

Reported:
9/8/2023 2:27:27PM

S1 - 4'

E308250-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2336006
Benzene	ND	0.0250	1	09/05/23	09/06/23	
Ethylbenzene	ND	0.0250	1	09/05/23	09/06/23	
Toluene	ND	0.0250	1	09/05/23	09/06/23	
o-Xylene	ND	0.0250	1	09/05/23	09/06/23	
p,m-Xylene	ND	0.0500	1	09/05/23	09/06/23	
Total Xylenes	ND	0.0250	1	09/05/23	09/06/23	
Surrogate: Bromofluorobenzene		122 %	70-130	09/05/23	09/06/23	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130	09/05/23	09/06/23	
Surrogate: Toluene-d8		113 %	70-130	09/05/23	09/06/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2336006
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/23	09/06/23	
Surrogate: Bromofluorobenzene		122 %	70-130	09/05/23	09/06/23	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130	09/05/23	09/06/23	
Surrogate: Toluene-d8		113 %	70-130	09/05/23	09/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2336018
Diesel Range Organics (C10-C28)	111	25.0	1	09/05/23	09/06/23	
Oil Range Organics (C28-C36)	67.4	50.0	1	09/05/23	09/06/23	
Surrogate: n-Nonane		97.1 %	50-200	09/05/23	09/06/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2336047
Chloride	447	20.0	1	09/06/23	09/07/23	



Sample Data

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

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

Reported:
9/8/2023 2:27:27PM

S2 - 1'

E308250-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2336006
Benzene	ND	0.0500	2	09/05/23	09/07/23	
Ethylbenzene	0.0520	0.0500	2	09/05/23	09/07/23	
Toluene	ND	0.0500	2	09/05/23	09/07/23	
o-Xylene	0.167	0.0500	2	09/05/23	09/07/23	
p,m-Xylene	0.251	0.100	2	09/05/23	09/07/23	
Total Xylenes	0.418	0.0500	2	09/05/23	09/07/23	
Surrogate: Bromofluorobenzene		117 %	70-130	09/05/23	09/07/23	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130	09/05/23	09/07/23	
Surrogate: Toluene-d8		110 %	70-130	09/05/23	09/07/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2336006
Gasoline Range Organics (C6-C10)	ND	40.0	2	09/05/23	09/07/23	
Surrogate: Bromofluorobenzene		117 %	70-130	09/05/23	09/07/23	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130	09/05/23	09/07/23	
Surrogate: Toluene-d8		110 %	70-130	09/05/23	09/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2336018
Diesel Range Organics (C10-C28)	6970	125	5	09/05/23	09/06/23	
Oil Range Organics (C28-C36)	3020	250	5	09/05/23	09/06/23	
Surrogate: n-Nonane		94.2 %	50-200	09/05/23	09/06/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2336047
Chloride	11700	400	20	09/06/23	09/07/23	



Sample Data

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

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

Reported:
9/8/2023 2:27:27PM

S2 - 2'

E308250-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2336006
Benzene	ND	0.0250	1	09/05/23	09/06/23	
Ethylbenzene	0.0700	0.0250	1	09/05/23	09/06/23	
Toluene	0.0495	0.0250	1	09/05/23	09/06/23	
o-Xylene	0.166	0.0250	1	09/05/23	09/06/23	
p,m-Xylene	0.318	0.0500	1	09/05/23	09/06/23	
Total Xylenes	0.484	0.0250	1	09/05/23	09/06/23	
Surrogate: Bromofluorobenzene		122 %	70-130	09/05/23	09/06/23	
Surrogate: 1,2-Dichloroethane-d4		95.1 %	70-130	09/05/23	09/06/23	
Surrogate: Toluene-d8		112 %	70-130	09/05/23	09/06/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2336006
Gasoline Range Organics (C6-C10)	20.2	20.0	1	09/05/23	09/06/23	
Surrogate: Bromofluorobenzene		122 %	70-130	09/05/23	09/06/23	
Surrogate: 1,2-Dichloroethane-d4		95.1 %	70-130	09/05/23	09/06/23	
Surrogate: Toluene-d8		112 %	70-130	09/05/23	09/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2336018
Diesel Range Organics (C10-C28)	9210	125	5	09/05/23	09/06/23	
Oil Range Organics (C28-C36)	3850	250	5	09/05/23	09/06/23	
Surrogate: n-Nonane		99.0 %	50-200	09/05/23	09/06/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2336047
Chloride	10700	400	20	09/06/23	09/07/23	



Sample Data

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

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

Reported:
9/8/2023 2:27:27PM

S2 - 3

E308250-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2336006
Benzene	ND	0.0250	1	09/05/23	09/06/23	
Ethylbenzene	ND	0.0250	1	09/05/23	09/06/23	
Toluene	ND	0.0250	1	09/05/23	09/06/23	
o-Xylene	0.0365	0.0250	1	09/05/23	09/06/23	
p,m-Xylene	0.0640	0.0500	1	09/05/23	09/06/23	
Total Xylenes	0.101	0.0250	1	09/05/23	09/06/23	
Surrogate: Bromofluorobenzene		124 %	70-130	09/05/23	09/06/23	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130	09/05/23	09/06/23	
Surrogate: Toluene-d8		112 %	70-130	09/05/23	09/06/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2336006
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/23	09/06/23	
Surrogate: Bromofluorobenzene		124 %	70-130	09/05/23	09/06/23	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130	09/05/23	09/06/23	
Surrogate: Toluene-d8		112 %	70-130	09/05/23	09/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2336018
Diesel Range Organics (C10-C28)	3270	125	5	09/05/23	09/07/23	
Oil Range Organics (C28-C36)	1610	250	5	09/05/23	09/07/23	
Surrogate: n-Nonane		100 %	50-200	09/05/23	09/07/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2336047
Chloride	4520	100	5	09/06/23	09/08/23	



Sample Data

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

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

Reported:
9/8/2023 2:27:27PM

S3 - 1'

E308250-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2336006
Benzene	ND	0.0500	2	09/05/23	09/07/23	
Ethylbenzene	ND	0.0500	2	09/05/23	09/07/23	
Toluene	ND	0.0500	2	09/05/23	09/07/23	
o-Xylene	0.112	0.0500	2	09/05/23	09/07/23	
p,m-Xylene	0.180	0.100	2	09/05/23	09/07/23	
Total Xylenes	0.292	0.0500	2	09/05/23	09/07/23	
Surrogate: Bromofluorobenzene		118 %	70-130	09/05/23	09/07/23	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130	09/05/23	09/07/23	
Surrogate: Toluene-d8		110 %	70-130	09/05/23	09/07/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2336006
Gasoline Range Organics (C6-C10)	ND	40.0	2	09/05/23	09/07/23	
Surrogate: Bromofluorobenzene		118 %	70-130	09/05/23	09/07/23	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130	09/05/23	09/07/23	
Surrogate: Toluene-d8		110 %	70-130	09/05/23	09/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2336018
Diesel Range Organics (C10-C28)	3800	25.0	1	09/05/23	09/07/23	
Oil Range Organics (C28-C36)	1570	50.0	1	09/05/23	09/07/23	
Surrogate: n-Nonane		101 %	50-200	09/05/23	09/07/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2336047
Chloride	11700	400	20	09/06/23	09/08/23	



Sample Data

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

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

Reported:
9/8/2023 2:27:27PM

S3 2'

E308250-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2336006
Benzene	ND	0.0250	1	09/05/23	09/07/23	
Ethylbenzene	ND	0.0250	1	09/05/23	09/07/23	
Toluene	ND	0.0250	1	09/05/23	09/07/23	
o-Xylene	0.0740	0.0250	1	09/05/23	09/07/23	
p,m-Xylene	0.0845	0.0500	1	09/05/23	09/07/23	
Total Xylenes	0.159	0.0250	1	09/05/23	09/07/23	
Surrogate: Bromofluorobenzene		119 %	70-130	09/05/23	09/07/23	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130	09/05/23	09/07/23	
Surrogate: Toluene-d8		110 %	70-130	09/05/23	09/07/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2336006
Gasoline Range Organics (C6-C10)	28.9	20.0	1	09/05/23	09/07/23	
Surrogate: Bromofluorobenzene		119 %	70-130	09/05/23	09/07/23	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130	09/05/23	09/07/23	
Surrogate: Toluene-d8		110 %	70-130	09/05/23	09/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2336018
Diesel Range Organics (C10-C28)	8090	125	5	09/05/23	09/07/23	
Oil Range Organics (C28-C36)	3860	250	5	09/05/23	09/07/23	
Surrogate: n-Nonane		99.2 %	50-200	09/05/23	09/07/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2336047
Chloride	12500	100	5	09/06/23	09/08/23	



Sample Data

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

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

Reported:
9/8/2023 2:27:27PM

S3 3'

E308250-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2336006
Benzene	ND	0.0250	1	09/05/23	09/07/23	
Ethylbenzene	0.0275	0.0250	1	09/05/23	09/07/23	
Toluene	ND	0.0250	1	09/05/23	09/07/23	
o-Xylene	0.0620	0.0250	1	09/05/23	09/07/23	
p,m-Xylene	0.117	0.0500	1	09/05/23	09/07/23	
Total Xylenes	0.179	0.0250	1	09/05/23	09/07/23	
Surrogate: Bromofluorobenzene		115 %	70-130	09/05/23	09/07/23	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130	09/05/23	09/07/23	
Surrogate: Toluene-d8		112 %	70-130	09/05/23	09/07/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2336006
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/23	09/07/23	
Surrogate: Bromofluorobenzene		115 %	70-130	09/05/23	09/07/23	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130	09/05/23	09/07/23	
Surrogate: Toluene-d8		112 %	70-130	09/05/23	09/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2336018
Diesel Range Organics (C10-C28)	2360	25.0	1	09/05/23	09/07/23	
Oil Range Organics (C28-C36)	939	50.0	1	09/05/23	09/07/23	
Surrogate: n-Nonane		98.2 %	50-200	09/05/23	09/07/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2336047
Chloride	4400	400	20	09/06/23	09/08/23	



Sample Data

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

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

Reported:
9/8/2023 2:27:27PM

S4 - 1'

E308250-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2336006
Benzene	ND	0.0500	2	09/05/23	09/07/23	
Ethylbenzene	0.198	0.0500	2	09/05/23	09/07/23	
Toluene	0.168	0.0500	2	09/05/23	09/07/23	
o-Xylene	0.411	0.0500	2	09/05/23	09/07/23	
p,m-Xylene	0.792	0.100	2	09/05/23	09/07/23	
Total Xylenes	1.20	0.0500	2	09/05/23	09/07/23	
Surrogate: Bromofluorobenzene		118 %	70-130	09/05/23	09/07/23	
Surrogate: 1,2-Dichloroethane-d4		96.3 %	70-130	09/05/23	09/07/23	
Surrogate: Toluene-d8		109 %	70-130	09/05/23	09/07/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2336006
Gasoline Range Organics (C6-C10)	ND	40.0	2	09/05/23	09/07/23	
Surrogate: Bromofluorobenzene		118 %	70-130	09/05/23	09/07/23	
Surrogate: 1,2-Dichloroethane-d4		96.3 %	70-130	09/05/23	09/07/23	
Surrogate: Toluene-d8		109 %	70-130	09/05/23	09/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2336018
Diesel Range Organics (C10-C28)	4400	50.0	2	09/05/23	09/07/23	
Oil Range Organics (C28-C36)	1950	100	2	09/05/23	09/07/23	
Surrogate: n-Nonane		97.6 %	50-200	09/05/23	09/07/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2336047
Chloride	11600	400	20	09/06/23	09/08/23	



Sample Data

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

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

Reported:
9/8/2023 2:27:27PM

S4 - 2'

E308250-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2336006
Benzene	ND	0.0250	1	09/05/23	09/07/23	
Ethylbenzene	ND	0.0250	1	09/05/23	09/07/23	
Toluene	ND	0.0250	1	09/05/23	09/07/23	
o-Xylene	ND	0.0250	1	09/05/23	09/07/23	
p,m-Xylene	ND	0.0500	1	09/05/23	09/07/23	
Total Xylenes	ND	0.0250	1	09/05/23	09/07/23	
Surrogate: Bromofluorobenzene		119 %	70-130	09/05/23	09/07/23	
Surrogate: 1,2-Dichloroethane-d4		95.6 %	70-130	09/05/23	09/07/23	
Surrogate: Toluene-d8		112 %	70-130	09/05/23	09/07/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2336006
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/23	09/07/23	
Surrogate: Bromofluorobenzene		119 %	70-130	09/05/23	09/07/23	
Surrogate: 1,2-Dichloroethane-d4		95.6 %	70-130	09/05/23	09/07/23	
Surrogate: Toluene-d8		112 %	70-130	09/05/23	09/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2336018
Diesel Range Organics (C10-C28)	7020	50.0	2	09/05/23	09/07/23	
Oil Range Organics (C28-C36)	2880	100	2	09/05/23	09/07/23	
Surrogate: n-Nonane		101 %	50-200	09/05/23	09/07/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2336047
Chloride	633	20.0	1	09/06/23	09/08/23	



Sample Data

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

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

Reported:
9/8/2023 2:27:27PM

S4 - 3'

E308250-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2336006
Benzene	ND	0.0250	1	09/05/23	09/07/23	
Ethylbenzene	ND	0.0250	1	09/05/23	09/07/23	
Toluene	ND	0.0250	1	09/05/23	09/07/23	
o-Xylene	ND	0.0250	1	09/05/23	09/07/23	
p,m-Xylene	ND	0.0500	1	09/05/23	09/07/23	
Total Xylenes	ND	0.0250	1	09/05/23	09/07/23	
Surrogate: Bromofluorobenzene		120 %	70-130	09/05/23	09/07/23	
Surrogate: 1,2-Dichloroethane-d4		94.8 %	70-130	09/05/23	09/07/23	
Surrogate: Toluene-d8		111 %	70-130	09/05/23	09/07/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2336006
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/23	09/07/23	
Surrogate: Bromofluorobenzene		120 %	70-130	09/05/23	09/07/23	
Surrogate: 1,2-Dichloroethane-d4		94.8 %	70-130	09/05/23	09/07/23	
Surrogate: Toluene-d8		111 %	70-130	09/05/23	09/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2336018
Diesel Range Organics (C10-C28)	997	25.0	1	09/05/23	09/07/23	
Oil Range Organics (C28-C36)	390	50.0	1	09/05/23	09/07/23	
Surrogate: n-Nonane		98.5 %	50-200	09/05/23	09/07/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2336047
Chloride	149	20.0	1	09/06/23	09/08/23	



Sample Data

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

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

Reported:
9/8/2023 2:27:27PM

S4 - 4'

E308250-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2336006
Benzene	ND	0.0250	1	09/05/23	09/07/23	
Ethylbenzene	ND	0.0250	1	09/05/23	09/07/23	
Toluene	ND	0.0250	1	09/05/23	09/07/23	
o-Xylene	ND	0.0250	1	09/05/23	09/07/23	
p,m-Xylene	ND	0.0500	1	09/05/23	09/07/23	
Total Xylenes	ND	0.0250	1	09/05/23	09/07/23	
Surrogate: Bromofluorobenzene		117 %	70-130	09/05/23	09/07/23	
Surrogate: 1,2-Dichloroethane-d4		92.7 %	70-130	09/05/23	09/07/23	
Surrogate: Toluene-d8		112 %	70-130	09/05/23	09/07/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2336006
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/23	09/07/23	
Surrogate: Bromofluorobenzene		117 %	70-130	09/05/23	09/07/23	
Surrogate: 1,2-Dichloroethane-d4		92.7 %	70-130	09/05/23	09/07/23	
Surrogate: Toluene-d8		112 %	70-130	09/05/23	09/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2336018
Diesel Range Organics (C10-C28)	668	25.0	1	09/05/23	09/07/23	
Oil Range Organics (C28-C36)	285	50.0	1	09/05/23	09/07/23	
Surrogate: n-Nonane		98.3 %	50-200	09/05/23	09/07/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2336047
Chloride	207	20.0	1	09/06/23	09/08/23	



Sample Data

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

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

Reported:
9/8/2023 2:27:27PM

S5 - 1'

E308250-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2336006
Benzene	ND	0.0500	2	09/05/23	09/07/23	
Ethylbenzene	ND	0.0500	2	09/05/23	09/07/23	
Toluene	ND	0.0500	2	09/05/23	09/07/23	
o-Xylene	0.0700	0.0500	2	09/05/23	09/07/23	
p,m-Xylene	0.126	0.100	2	09/05/23	09/07/23	
Total Xylenes	0.196	0.0500	2	09/05/23	09/07/23	
Surrogate: Bromofluorobenzene		117 %	70-130	09/05/23	09/07/23	
Surrogate: 1,2-Dichloroethane-d4		95.6 %	70-130	09/05/23	09/07/23	
Surrogate: Toluene-d8		109 %	70-130	09/05/23	09/07/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2336006
Gasoline Range Organics (C6-C10)	ND	40.0	2	09/05/23	09/07/23	
Surrogate: Bromofluorobenzene		117 %	70-130	09/05/23	09/07/23	
Surrogate: 1,2-Dichloroethane-d4		95.6 %	70-130	09/05/23	09/07/23	
Surrogate: Toluene-d8		109 %	70-130	09/05/23	09/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2336018
Diesel Range Organics (C10-C28)	4100	50.0	2	09/05/23	09/07/23	
Oil Range Organics (C28-C36)	1860	100	2	09/05/23	09/07/23	
Surrogate: n-Nonane		98.8 %	50-200	09/05/23	09/07/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2336047
Chloride	10500	400	20	09/06/23	09/08/23	



Sample Data

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

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

Reported:
9/8/2023 2:27:27PM

S5 - 2'

E308250-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2336006
Benzene	ND	0.0250	1	09/05/23	09/07/23	
Ethylbenzene	0.0410	0.0250	1	09/05/23	09/07/23	
Toluene	0.0290	0.0250	1	09/05/23	09/07/23	
o-Xylene	0.101	0.0250	1	09/05/23	09/07/23	
p,m-Xylene	0.202	0.0500	1	09/05/23	09/07/23	
Total Xylenes	0.303	0.0250	1	09/05/23	09/07/23	
Surrogate: Bromofluorobenzene		121 %	70-130	09/05/23	09/07/23	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130	09/05/23	09/07/23	
Surrogate: Toluene-d8		112 %	70-130	09/05/23	09/07/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2336006
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/23	09/07/23	
Surrogate: Bromofluorobenzene		121 %	70-130	09/05/23	09/07/23	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130	09/05/23	09/07/23	
Surrogate: Toluene-d8		112 %	70-130	09/05/23	09/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2336018
Diesel Range Organics (C10-C28)	5440	50.0	2	09/05/23	09/07/23	
Oil Range Organics (C28-C36)	2470	100	2	09/05/23	09/07/23	
Surrogate: n-Nonane		97.1 %	50-200	09/05/23	09/07/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2336047
Chloride	11600	400	20	09/06/23	09/08/23	



Sample Data

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

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

Reported:
9/8/2023 2:27:27PM

S5 - 3'

E308250-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2336006
Benzene	ND	0.0250	1	09/05/23	09/07/23	
Ethylbenzene	ND	0.0250	1	09/05/23	09/07/23	
Toluene	ND	0.0250	1	09/05/23	09/07/23	
o-Xylene	ND	0.0250	1	09/05/23	09/07/23	
p,m-Xylene	ND	0.0500	1	09/05/23	09/07/23	
Total Xylenes	ND	0.0250	1	09/05/23	09/07/23	
Surrogate: Bromofluorobenzene		122 %	70-130	09/05/23	09/07/23	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130	09/05/23	09/07/23	
Surrogate: Toluene-d8		111 %	70-130	09/05/23	09/07/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2336006
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/23	09/07/23	
Surrogate: Bromofluorobenzene		122 %	70-130	09/05/23	09/07/23	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130	09/05/23	09/07/23	
Surrogate: Toluene-d8		111 %	70-130	09/05/23	09/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2336018
Diesel Range Organics (C10-C28)	357	25.0	1	09/05/23	09/07/23	
Oil Range Organics (C28-C36)	190	50.0	1	09/05/23	09/07/23	
Surrogate: n-Nonane		98.5 %	50-200	09/05/23	09/07/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2336047
Chloride	380	20.0	1	09/06/23	09/08/23	



Sample Data

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

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

Reported:
9/8/2023 2:27:27PM

S5 - 4'

E308250-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2336006
Benzene	ND	0.0250	1	09/05/23	09/07/23	
Ethylbenzene	0.0270	0.0250	1	09/05/23	09/07/23	
Toluene	ND	0.0250	1	09/05/23	09/07/23	
o-Xylene	0.109	0.0250	1	09/05/23	09/07/23	
p,m-Xylene	0.177	0.0500	1	09/05/23	09/07/23	
Total Xylenes	0.286	0.0250	1	09/05/23	09/07/23	
Surrogate: Bromofluorobenzene		122 %	70-130	09/05/23	09/07/23	
Surrogate: 1,2-Dichloroethane-d4		95.3 %	70-130	09/05/23	09/07/23	
Surrogate: Toluene-d8		111 %	70-130	09/05/23	09/07/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2336006
Gasoline Range Organics (C6-C10)	23.1	20.0	1	09/05/23	09/07/23	
Surrogate: Bromofluorobenzene		122 %	70-130	09/05/23	09/07/23	
Surrogate: 1,2-Dichloroethane-d4		95.3 %	70-130	09/05/23	09/07/23	
Surrogate: Toluene-d8		111 %	70-130	09/05/23	09/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2336018
Diesel Range Organics (C10-C28)	6850	50.0	2	09/05/23	09/07/23	
Oil Range Organics (C28-C36)	2610	100	2	09/05/23	09/07/23	
Surrogate: n-Nonane		103 %	50-200	09/05/23	09/07/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2336047
Chloride	902	20.0	1	09/06/23	09/08/23	



Sample Data

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

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

Reported:
9/8/2023 2:27:27PM

SW1

E308250-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2336006
Benzene	ND	0.0250	1	09/05/23	09/07/23	
Ethylbenzene	ND	0.0250	1	09/05/23	09/07/23	
Toluene	ND	0.0250	1	09/05/23	09/07/23	
o-Xylene	ND	0.0250	1	09/05/23	09/07/23	
p,m-Xylene	ND	0.0500	1	09/05/23	09/07/23	
Total Xylenes	ND	0.0250	1	09/05/23	09/07/23	
Surrogate: Bromofluorobenzene		118 %	70-130	09/05/23	09/07/23	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	70-130	09/05/23	09/07/23	
Surrogate: Toluene-d8		111 %	70-130	09/05/23	09/07/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2336006
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/23	09/07/23	
Surrogate: Bromofluorobenzene		118 %	70-130	09/05/23	09/07/23	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	70-130	09/05/23	09/07/23	
Surrogate: Toluene-d8		111 %	70-130	09/05/23	09/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2336018
Diesel Range Organics (C10-C28)	ND	25.0	1	09/05/23	09/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/05/23	09/07/23	
Surrogate: n-Nonane		98.5 %	50-200	09/05/23	09/07/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2336047
Chloride	ND	20.0	1	09/06/23	09/08/23	



Sample Data

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

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

Reported:
9/8/2023 2:27:27PM

SW2

E308250-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2336006
Benzene	ND	0.0250	1	09/05/23	09/07/23	
Ethylbenzene	ND	0.0250	1	09/05/23	09/07/23	
Toluene	ND	0.0250	1	09/05/23	09/07/23	
o-Xylene	ND	0.0250	1	09/05/23	09/07/23	
p,m-Xylene	ND	0.0500	1	09/05/23	09/07/23	
Total Xylenes	ND	0.0250	1	09/05/23	09/07/23	
Surrogate: Bromofluorobenzene		124 %	70-130	09/05/23	09/07/23	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130	09/05/23	09/07/23	
Surrogate: Toluene-d8		110 %	70-130	09/05/23	09/07/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2336006
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/23	09/07/23	
Surrogate: Bromofluorobenzene		124 %	70-130	09/05/23	09/07/23	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130	09/05/23	09/07/23	
Surrogate: Toluene-d8		110 %	70-130	09/05/23	09/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2336018
Diesel Range Organics (C10-C28)	ND	25.0	1	09/05/23	09/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/05/23	09/07/23	
Surrogate: n-Nonane		100 %	50-200	09/05/23	09/07/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2336047
Chloride	ND	20.0	1	09/06/23	09/08/23	



Sample Data

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

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

Reported:
9/8/2023 2:27:27PM

SW3

E308250-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2336016
Benzene	ND	0.0250	1	09/05/23	09/06/23	
Ethylbenzene	ND	0.0250	1	09/05/23	09/06/23	
Toluene	ND	0.0250	1	09/05/23	09/06/23	
o-Xylene	ND	0.0250	1	09/05/23	09/06/23	
p,m-Xylene	ND	0.0500	1	09/05/23	09/06/23	
Total Xylenes	ND	0.0250	1	09/05/23	09/06/23	
Surrogate: Bromofluorobenzene		101 %	70-130	09/05/23	09/06/23	
Surrogate: 1,2-Dichloroethane-d4		99.6 %	70-130	09/05/23	09/06/23	
Surrogate: Toluene-d8		96.5 %	70-130	09/05/23	09/06/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2336016
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/23	09/06/23	
Surrogate: Bromofluorobenzene		101 %	70-130	09/05/23	09/06/23	
Surrogate: 1,2-Dichloroethane-d4		99.6 %	70-130	09/05/23	09/06/23	
Surrogate: Toluene-d8		96.5 %	70-130	09/05/23	09/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2336017
Diesel Range Organics (C10-C28)	ND	25.0	1	09/05/23	09/06/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/05/23	09/06/23	
Surrogate: n-Nonane		92.0 %	50-200	09/05/23	09/06/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2336046
Chloride	ND	20.0	1	09/06/23	09/07/23	



Sample Data

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

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

Reported:
9/8/2023 2:27:27PM

SW4

E308250-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2336016
Benzene	ND	0.0250	1	09/05/23	09/06/23	
Ethylbenzene	ND	0.0250	1	09/05/23	09/06/23	
Toluene	ND	0.0250	1	09/05/23	09/06/23	
o-Xylene	ND	0.0250	1	09/05/23	09/06/23	
p,m-Xylene	ND	0.0500	1	09/05/23	09/06/23	
Total Xylenes	ND	0.0250	1	09/05/23	09/06/23	
Surrogate: Bromofluorobenzene		101 %	70-130	09/05/23	09/06/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	09/05/23	09/06/23	
Surrogate: Toluene-d8		97.8 %	70-130	09/05/23	09/06/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2336016
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/23	09/06/23	
Surrogate: Bromofluorobenzene		101 %	70-130	09/05/23	09/06/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	09/05/23	09/06/23	
Surrogate: Toluene-d8		97.8 %	70-130	09/05/23	09/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2336017
Diesel Range Organics (C10-C28)	ND	25.0	1	09/05/23	09/06/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/05/23	09/06/23	
Surrogate: n-Nonane		92.9 %	50-200	09/05/23	09/06/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2336046
Chloride	ND	20.0	1	09/06/23	09/07/23	



Sample Data

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

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

Reported:
9/8/2023 2:27:27PM

SW5

E308250-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2336016
Benzene	ND	0.0250	1	09/05/23	09/06/23	
Ethylbenzene	ND	0.0250	1	09/05/23	09/06/23	
Toluene	ND	0.0250	1	09/05/23	09/06/23	
o-Xylene	ND	0.0250	1	09/05/23	09/06/23	
p,m-Xylene	ND	0.0500	1	09/05/23	09/06/23	
Total Xylenes	ND	0.0250	1	09/05/23	09/06/23	
Surrogate: Bromofluorobenzene	99.6 %	70-130		09/05/23	09/06/23	
Surrogate: 1,2-Dichloroethane-d4	99.5 %	70-130		09/05/23	09/06/23	
Surrogate: Toluene-d8	97.0 %	70-130		09/05/23	09/06/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2336016
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/23	09/06/23	
Surrogate: Bromofluorobenzene	99.6 %	70-130		09/05/23	09/06/23	
Surrogate: 1,2-Dichloroethane-d4	99.5 %	70-130		09/05/23	09/06/23	
Surrogate: Toluene-d8	97.0 %	70-130		09/05/23	09/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2336017
Diesel Range Organics (C10-C28)	ND	25.0	1	09/05/23	09/06/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/05/23	09/06/23	
Surrogate: n-Nonane	90.6 %	50-200		09/05/23	09/06/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2336046
Chloride	ND	20.0	1	09/06/23	09/07/23	



Sample Data

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

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

Reported:
9/8/2023 2:27:27PM

SW6

E308250-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2336016
Benzene	ND	0.0250	1	09/05/23	09/07/23	
Ethylbenzene	ND	0.0250	1	09/05/23	09/07/23	
Toluene	ND	0.0250	1	09/05/23	09/07/23	
o-Xylene	ND	0.0250	1	09/05/23	09/07/23	
p,m-Xylene	ND	0.0500	1	09/05/23	09/07/23	
Total Xylenes	ND	0.0250	1	09/05/23	09/07/23	
Surrogate: Bromofluorobenzene	99.3 %	70-130		09/05/23	09/07/23	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		09/05/23	09/07/23	
Surrogate: Toluene-d8	96.6 %	70-130		09/05/23	09/07/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2336016
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/23	09/07/23	
Surrogate: Bromofluorobenzene	99.3 %	70-130		09/05/23	09/07/23	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		09/05/23	09/07/23	
Surrogate: Toluene-d8	96.6 %	70-130		09/05/23	09/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2336017
Diesel Range Organics (C10-C28)	ND	25.0	1	09/05/23	09/06/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/05/23	09/06/23	
Surrogate: n-Nonane	92.5 %	50-200		09/05/23	09/06/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2336046
Chloride	ND	20.0	1	09/06/23	09/07/23	



Sample Data

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

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

Reported:
9/8/2023 2:27:27PM

SW7

E308250-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2336016
Benzene	ND	0.0250	1	09/05/23	09/06/23	
Ethylbenzene	ND	0.0250	1	09/05/23	09/06/23	
Toluene	ND	0.0250	1	09/05/23	09/06/23	
o-Xylene	ND	0.0250	1	09/05/23	09/06/23	
p,m-Xylene	ND	0.0500	1	09/05/23	09/06/23	
Total Xylenes	ND	0.0250	1	09/05/23	09/06/23	
Surrogate: Bromofluorobenzene		100 %	70-130	09/05/23	09/06/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	09/05/23	09/06/23	
Surrogate: Toluene-d8		99.1 %	70-130	09/05/23	09/06/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2336016
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/23	09/06/23	
Surrogate: Bromofluorobenzene		100 %	70-130	09/05/23	09/06/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	09/05/23	09/06/23	
Surrogate: Toluene-d8		99.1 %	70-130	09/05/23	09/06/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2336017
Diesel Range Organics (C10-C28)	ND	25.0	1	09/05/23	09/06/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/05/23	09/06/23	
Surrogate: n-Nonane		90.8 %	50-200	09/05/23	09/06/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2336046
Chloride	ND	20.0	1	09/06/23	09/07/23	



Sample Data

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

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

Reported:
9/8/2023 2:27:27PM

BG1

E308250-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2336016
Benzene	ND	0.0250	1	09/05/23	09/07/23	
Ethylbenzene	ND	0.0250	1	09/05/23	09/07/23	
Toluene	ND	0.0250	1	09/05/23	09/07/23	
o-Xylene	ND	0.0250	1	09/05/23	09/07/23	
p,m-Xylene	ND	0.0500	1	09/05/23	09/07/23	
Total Xylenes	ND	0.0250	1	09/05/23	09/07/23	
Surrogate: Bromofluorobenzene	99.9 %	70-130		09/05/23	09/07/23	
Surrogate: 1,2-Dichloroethane-d4	98.7 %	70-130		09/05/23	09/07/23	
Surrogate: Toluene-d8	96.9 %	70-130		09/05/23	09/07/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2336016
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/05/23	09/07/23	
Surrogate: Bromofluorobenzene	99.9 %	70-130		09/05/23	09/07/23	
Surrogate: 1,2-Dichloroethane-d4	98.7 %	70-130		09/05/23	09/07/23	
Surrogate: Toluene-d8	96.9 %	70-130		09/05/23	09/07/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2336017
Diesel Range Organics (C10-C28)	ND	25.0	1	09/05/23	09/06/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/05/23	09/06/23	
Surrogate: n-Nonane	91.3 %	50-200		09/05/23	09/06/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2336046
Chloride	ND	20.0	1	09/06/23	09/07/23	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 CTB 3	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/8/2023 2:27:27PM

Volatile Organic Compounds by EPA 8260B

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 (2336006-BLK1)

Prepared: 09/05/23 Analyzed: 09/06/23

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	0.605		0.500		121	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.463		0.500		92.6	70-130			
Surrogate: Toluene-d8	0.554		0.500		111	70-130			

LCS (2336006-BS1)

Prepared: 09/05/23 Analyzed: 09/06/23

Benzene	2.32	0.0250	2.50		92.6	70-130			
Ethylbenzene	2.55	0.0250	2.50		102	70-130			
Toluene	2.54	0.0250	2.50		102	70-130			
o-Xylene	2.74	0.0250	2.50		109	70-130			
p,m-Xylene	5.51	0.0500	5.00		110	70-130			
Total Xylenes	8.25	0.0250	7.50		110	70-130			
Surrogate: Bromofluorobenzene	0.612		0.500		122	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.490		0.500		98.0	70-130			
Surrogate: Toluene-d8	0.561		0.500		112	70-130			

Matrix Spike (2336006-MS1)

Source: E308250-06

Prepared: 09/05/23 Analyzed: 09/06/23

Benzene	2.33	0.0250	2.50	ND	93.3	48-131			
Ethylbenzene	2.68	0.0250	2.50	0.0700	104	45-135			
Toluene	2.63	0.0250	2.50	0.0495	103	48-130			
o-Xylene	2.69	0.0250	2.50	0.166	101	43-135			
p,m-Xylene	5.37	0.0500	5.00	0.318	101	43-135			
Total Xylenes	8.06	0.0250	7.50	0.484	101	43-135			
Surrogate: Bromofluorobenzene	0.564		0.500		113	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		100	70-130			
Surrogate: Toluene-d8	0.566		0.500		113	70-130			

Matrix Spike Dup (2336006-MSD1)

Source: E308250-06

Prepared: 09/05/23 Analyzed: 09/06/23

Benzene	2.30	0.0250	2.50	ND	92.1	48-131	1.25	23	
Ethylbenzene	2.68	0.0250	2.50	0.0700	104	45-135	0.261	27	
Toluene	2.59	0.0250	2.50	0.0495	102	48-130	1.40	24	
o-Xylene	2.72	0.0250	2.50	0.166	102	43-135	0.961	27	
p,m-Xylene	5.32	0.0500	5.00	0.318	99.9	43-135	0.936	27	
Total Xylenes	8.03	0.0250	7.50	0.484	101	43-135	0.298	27	
Surrogate: Bromofluorobenzene	0.547		0.500		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.488		0.500		97.5	70-130			
Surrogate: Toluene-d8	0.563		0.500		113	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 CTB 3	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/8/2023 2:27:27PM

Volatile Organic Compounds by EPA 8260B

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 (2336016-BLK1)

Prepared: 09/05/23 Analyzed: 09/06/23

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	0.502		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.486		0.500		97.1	70-130			
Surrogate: Toluene-d8	0.488		0.500		97.5	70-130			

LCS (2336016-BS1)

Prepared: 09/05/23 Analyzed: 09/06/23

Benzene	2.46	0.0250	2.50		98.4	70-130			
Ethylbenzene	2.36	0.0250	2.50		94.6	70-130			
Toluene	2.30	0.0250	2.50		92.0	70-130			
o-Xylene	2.30	0.0250	2.50		92.1	70-130			
p,m-Xylene	4.54	0.0500	5.00		90.8	70-130			
Total Xylenes	6.84	0.0250	7.50		91.2	70-130			
Surrogate: Bromofluorobenzene	0.494		0.500		98.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.486		0.500		97.2	70-130			
Surrogate: Toluene-d8	0.488		0.500		97.5	70-130			

Matrix Spike (2336016-MS1)

Source: E308250-25

Prepared: 09/05/23 Analyzed: 09/06/23

Benzene	2.79	0.0250	2.50	ND	112	48-131			
Ethylbenzene	2.64	0.0250	2.50	ND	106	45-135			
Toluene	2.56	0.0250	2.50	ND	102	48-130			
o-Xylene	2.62	0.0250	2.50	ND	105	43-135			
p,m-Xylene	5.14	0.0500	5.00	ND	103	43-135			
Total Xylenes	7.76	0.0250	7.50	ND	103	43-135			
Surrogate: Bromofluorobenzene	0.497		0.500		99.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.507		0.500		101	70-130			
Surrogate: Toluene-d8	0.479		0.500		95.7	70-130			

Matrix Spike Dup (2336016-MSD1)

Source: E308250-25

Prepared: 09/05/23 Analyzed: 09/06/23

Benzene	2.53	0.0250	2.50	ND	101	48-131	9.95	23	
Ethylbenzene	2.41	0.0250	2.50	ND	96.4	45-135	9.07	27	
Toluene	2.36	0.0250	2.50	ND	94.4	48-130	8.07	24	
o-Xylene	2.36	0.0250	2.50	ND	94.2	43-135	10.4	27	
p,m-Xylene	4.64	0.0500	5.00	ND	92.8	43-135	10.3	27	
Total Xylenes	6.99	0.0250	7.50	ND	93.3	43-135	10.3	27	
Surrogate: Bromofluorobenzene	0.501		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.514		0.500		103	70-130			
Surrogate: Toluene-d8	0.484		0.500		96.8	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 CTB 3	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/8/2023 2:27:27PM

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 (2336006-BLK1)

Prepared: 09/05/23 Analyzed: 09/06/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.605		0.500		121	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.463		0.500		92.6	70-130			
Surrogate: Toluene-d8	0.554		0.500		111	70-130			

LCS (2336006-BS2)

Prepared: 09/05/23 Analyzed: 09/06/23

Gasoline Range Organics (C6-C10)	49.7	20.0	50.0		99.3	70-130			
Surrogate: Bromofluorobenzene	0.607		0.500		121	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.473		0.500		94.5	70-130			
Surrogate: Toluene-d8	0.563		0.500		113	70-130			

Matrix Spike (2336006-MS2)

Source: E308250-06

Prepared: 09/05/23 Analyzed: 09/06/23

Gasoline Range Organics (C6-C10)	80.3	20.0	50.0	20.2	120	70-130			
Surrogate: Bromofluorobenzene	0.580		0.500		116	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.479		0.500		95.7	70-130			
Surrogate: Toluene-d8	0.570		0.500		114	70-130			

Matrix Spike Dup (2336006-MSD2)

Source: E308250-06

Prepared: 09/05/23 Analyzed: 09/06/23

Gasoline Range Organics (C6-C10)	111	20.0	50.0	20.2	182	70-130	32.2	20	M1, R3
Surrogate: Bromofluorobenzene	0.579		0.500		116	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.479		0.500		95.7	70-130			
Surrogate: Toluene-d8	0.576		0.500		115	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 CTB 3	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/8/2023 2:27:27PM

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 (2336016-BLK1)

Prepared: 09/05/23 Analyzed: 09/06/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.502		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.486		0.500		97.1	70-130			
Surrogate: Toluene-d8	0.488		0.500		97.5	70-130			

LCS (2336016-BS2)

Prepared: 09/05/23 Analyzed: 09/06/23

Gasoline Range Organics (C6-C10)	45.5	20.0	50.0		90.9	70-130			
Surrogate: Bromofluorobenzene	0.510		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.488		0.500		97.6	70-130			
Surrogate: Toluene-d8	0.494		0.500		98.8	70-130			

Matrix Spike (2336016-MS2)

Source: E308250-25

Prepared: 09/05/23 Analyzed: 09/06/23

Gasoline Range Organics (C6-C10)	54.8	20.0	50.0	ND	110	70-130			
Surrogate: Bromofluorobenzene	0.513		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.501		0.500		100	70-130			
Surrogate: Toluene-d8	0.490		0.500		98.0	70-130			

Matrix Spike Dup (2336016-MSD2)

Source: E308250-25

Prepared: 09/05/23 Analyzed: 09/06/23

Gasoline Range Organics (C6-C10)	54.4	20.0	50.0	ND	109	70-130	0.713	20	
Surrogate: Bromofluorobenzene	0.511		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.5	70-130			
Surrogate: Toluene-d8	0.483		0.500		96.6	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 CTB 3	Reported: 9/8/2023 2:27:27PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2336017-BLK1)					Prepared: 09/05/23 Analyzed: 09/06/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.6		50.0		95.2	50-200			

LCS (2336017-BS1)					Prepared: 09/05/23 Analyzed: 09/06/23				
Diesel Range Organics (C10-C28)	231	25.0	250		92.5	38-132			
Surrogate: n-Nonane	45.3		50.0		90.5	50-200			

Matrix Spike (2336017-MS1)					Source: E309026-01		Prepared: 09/05/23 Analyzed: 09/06/23		
Diesel Range Organics (C10-C28)	609	25.0	250	388	88.3	38-132			
Surrogate: n-Nonane	53.9		50.0		108	50-200			

Matrix Spike Dup (2336017-MSD1)					Source: E309026-01		Prepared: 09/05/23 Analyzed: 09/06/23		
Diesel Range Organics (C10-C28)	758	25.0	250	388	148	38-132	21.8	20	M2, R2
Surrogate: n-Nonane	58.6		50.0		117	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 CTB 3	Reported: 9/8/2023 2:27:27PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2336018-BLK1)					Prepared: 09/05/23 Analyzed: 09/06/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.2		50.0		94.4	50-200			

LCS (2336018-BS1)					Prepared: 09/05/23 Analyzed: 09/06/23				
Diesel Range Organics (C10-C28)	258	25.0	250		103	38-132			
Surrogate: n-Nonane	47.6		50.0		95.1	50-200			

Matrix Spike (2336018-MS1)					Source: E308250-14		Prepared: 09/05/23 Analyzed: 09/06/23		
Diesel Range Organics (C10-C28)	857	25.0	250	668	75.8	38-132			
Surrogate: n-Nonane	49.1		50.0		98.1	50-200			

Matrix Spike Dup (2336018-MSD1)					Source: E308250-14		Prepared: 09/05/23 Analyzed: 09/06/23		
Diesel Range Organics (C10-C28)	743	25.0	250	668	30.3	38-132	14.2	20	M2
Surrogate: n-Nonane	48.2		50.0		96.5	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 CTB 3	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/8/2023 2:27:27PM

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 (2336046-BLK1)					Prepared: 09/06/23 Analyzed: 09/07/23				
Chloride	ND	20.0							
LCS (2336046-BS1)					Prepared: 09/06/23 Analyzed: 09/07/23				
Chloride	245	20.0	250		98.1	90-110			
Matrix Spike (2336046-MS1)					Source: E308250-21		Prepared: 09/06/23 Analyzed: 09/07/23		
Chloride	247	20.0	250	ND	98.9	80-120			
Matrix Spike Dup (2336046-MSD1)					Source: E308250-21		Prepared: 09/06/23 Analyzed: 09/07/23		
Chloride	248	20.0	250	ND	99.4	80-120	0.523	20	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 CTB 3	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/8/2023 2:27:27PM

Anions by EPA 300.0/9056A

Analyst: BA

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 (2336047-BLK1)					Prepared: 09/06/23 Analyzed: 09/07/23				
Chloride	ND	20.0							
LCS (2336047-BS1)					Prepared: 09/06/23 Analyzed: 09/07/23				
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2336047-MS1)					Source: E308250-01		Prepared: 09/06/23 Analyzed: 09/07/23		
Chloride	10600	400	250	8770	747	80-120			M4
Matrix Spike Dup (2336047-MSD1)					Source: E308250-01		Prepared: 09/06/23 Analyzed: 09/07/23		
Chloride	12200	400	250	8770	NR	80-120	13.9	20	M4

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 CTB 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	09/08/23 14:27

- M1 Matrix spike recovery was above acceptance limits. The associated LCS spike recovery was acceptable.
- M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
- M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.
- R2 The RPD exceeded the acceptance limit.
- R3 The RPD exceeded the acceptance limit. LCS spike recovery met acceptance criteria.
- 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: Bell Lake 19 CTB3 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: Devon Address: City, State, Zip: Phone: Email: Pima Project # 3-42		Lab Use Only Lab WQ# E308250 Job Number 01058-0007 Analysis and Method DRO/DRO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDOC NM BGDOC TX		TAT 1D 2D 3D Standard X EPA Program CWA SDWA RCRA State NM CO UT AZ TX X		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks					
8:00	8/30	S	1	S1-1'	1	X					
8:03				S1-2'	2						
8:17				S1-3'	3						
8:30				S1-4'	4						
8:33				S2-1'	5						
8:40				S2-2'	6						
8:47				S2-3	7						
8:50				S3-1'	8						
8:56				S3-2'	9						
9:00				S3-3'	10						

Additional Instructions: Billing # 21199456

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:**

Relinquished by: (Signature) Kasime Adams	Date 8/31/23	Time 2:00	Received by: (Signature) Michelle Canyon	Date 8-31-23	Time 1:00
Relinquished by: (Signature) Michelle Canyon	Date 8-31-23	Time 1715	Received by: (Signature) Mara Motta	Date 8-31-23	Time 2000
Relinquished by: (Signature) Andrew Motta	Date 9-1-23	Time 0245	Received by: (Signature) Cathy Man	Date 9/1/23	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.

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

Project Information

Chain of Custody

Page 2 of 3

Client: <u>Pima Environmental Services</u>					Bill To		Lab Use Only		TAT				EPA Program			
Project: <u>Beil Lake 19 CTB3</u>					Attention: <u>Devon</u>		Lab WO# <u>E308250</u>		Job Number <u>61058-0067</u>		1D	2D	3D	Standard	CWA	SDWA
Project Manager: <u>Tom Bynum</u>					Address:											
Address: <u>5614 N. Lovington Hwy.</u>					City, State, Zip										RCRA	
City, State, Zip <u>Hobbs, NM, 88240</u>					Phone:										State	
Phone: <u>580-748-1613</u>					Email:										NM CO UT AZ TX	
Email: <u>tom@pimaoil.com</u>					Pima Project # <u>3-42</u>										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	BDOC NM	BDOC TX	Remarks
9:06	8/30	S	1	S4-1'	11							X		
9:12				S4-2'	12									
9:18				S4-3'	13									
9:22				S4-4'	14									
9:25				S5-1'	15									
9:30				S5-2'	16									
9:33				S5-3'	17									
9:38				S5-4'	18									
10:00				SW1	19									
10:02				SW2	20									

Additional Instructions: Billing # 21199456

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:

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
<u>Trine Atame</u>	8/31/23	2:00	<u>Michelle Gayle</u>	8/31/23	14:00
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
<u>Michelle Gayle</u>	8/31/23	17:15	<u>Andrew Mingo</u>	8/31/23	2:00
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
<u>Andrew Mingo</u>	9/1/23	02:45	<u>Cathy Mann</u>	9/1/23	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.

Project Information

Chain of Custody

Page 3 of 3

Client: Pima Environmental Services Project: Bell Lake 19 CTB3 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: Devon Address: City, State, Zip: Phone: Email: Pima Project # 3-42					Lab Use Only Lab WO# E808250 Job Number 01058-0007 Analysis and Method DRO/ORO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDOC NM BGDOC TX					TAT 1D 2D 3D Standard X				EPA Program CWA SDWA RCRA															
Time Sampled 10:10 10:15 10:28 10:30 10:37 10:40					Date Sampled 8/30 1 1 1 1 1					Matrix S 1 1 1 1 1					No. of Containers 1 1 1 1 1 1					Sample ID SW 3 SW 4 SW 5 SW 6 SW 7 BG 1					Lab Number 21 22 23 24 25 26					Remarks X 1				
Additional Instructions: Billing # 21199456																																		
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.															Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.																			
Relinquished by: (Signature) <i>Arine Anne</i>					Date: 8/31/23 Time: 2:00					Received by: (Signature) <i>Michelle Cuyler</i>					Date: 8-31-23 Time: 1400					Lab Use Only Received on ice: Y/N														
Relinquished by: (Signature) <i>Michelle Cuyler</i>					Date: 8-31-23 Time: 1715					Received by: (Signature) <i>Andrea M...</i>					Date: 8-31-23 Time: 2000					T1 T2 T3														
Relinquished by: (Signature) <i>Andrea M...</i>					Date: 9-1-23 Time: 0245					Received by: (Signature) <i>Carla Mae</i>					Date: 9/1/23 Time: 5:45					AVG Temp °C 4														
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: 9/1/2023 11:34:18AM

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:	09/01/23 05:45	Work Order ID:	E308250
Phone:	(575) 631-6977	Date Logged In:	08/31/23 15:16	Logged In By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:	09/08/23 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.

Report to:
Tom Bynum



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Bell Lake 19 CTB 3

Work Order: E312047

Job Number: 01058-0007

Received: 12/8/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
12/18/23

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 12/18/23

Tom Bynum
PO Box 247
Plains, TX 79355-0247



Project Name: Bell Lake 19 CTB 3
Workorder: E312047
Date Received: 12/8/2023 1:00:00PM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/8/2023 1:00:00PM, under the Project Name: Bell Lake 19 CTB 3.

The analytical test results summarized in this report with the Project Name: Bell Lake 19 CTB 3 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

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mgonzales@envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 CTB 3	Reported: 12/18/23 13:52
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
S1-5'	E312047-01A	Soil	12/06/23	12/08/23	Glass Jar, 2 oz.
S1-6'	E312047-02A	Soil	12/06/23	12/08/23	Glass Jar, 2 oz.
S1-7'	E312047-03A	Soil	12/06/23	12/08/23	Glass Jar, 2 oz.
S2-5'	E312047-04A	Soil	12/06/23	12/08/23	Glass Jar, 2 oz.
S2-6'	E312047-05A	Soil	12/06/23	12/08/23	Glass Jar, 2 oz.
S2-7'	E312047-06A	Soil	12/06/23	12/08/23	Glass Jar, 2 oz.
S3-5'	E312047-07A	Soil	12/06/23	12/08/23	Glass Jar, 2 oz.
S3-6'	E312047-08A	Soil	12/06/23	12/08/23	Glass Jar, 2 oz.
S3-7'	E312047-09A	Soil	12/06/23	12/08/23	Glass Jar, 2 oz.
S4-5'	E312047-10A	Soil	12/06/23	12/08/23	Glass Jar, 2 oz.
S4-6'	E312047-11A	Soil	12/06/23	12/08/23	Glass Jar, 2 oz.
S4-7'	E312047-12A	Soil	12/06/23	12/08/23	Glass Jar, 2 oz.
S5-5'	E312047-13A	Soil	12/06/23	12/08/23	Glass Jar, 2 oz.
S5-6'	E312047-14A	Soil	12/06/23	12/08/23	Glass Jar, 2 oz.
S5-7'	E312047-15A	Soil	12/06/23	12/08/23	Glass Jar, 2 oz.



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 CTB 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	12/18/2023 1:52:51PM

S1-5'

E312047-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS		Batch: 2349099	
Benzene	ND	0.0250	1	12/08/23	12/12/23	
Ethylbenzene	ND	0.0250	1	12/08/23	12/12/23	
Toluene	ND	0.0250	1	12/08/23	12/12/23	
o-Xylene	ND	0.0250	1	12/08/23	12/12/23	
p,m-Xylene	ND	0.0500	1	12/08/23	12/12/23	
Total Xylenes	ND	0.0250	1	12/08/23	12/12/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.0 %	70-130		12/08/23	12/12/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS		Batch: 2349099	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/08/23	12/12/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	87.2 %	70-130		12/08/23	12/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2350073	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/14/23	12/15/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/14/23	12/15/23	
<i>Surrogate: n-Nonane</i>	88.3 %	50-200		12/14/23	12/15/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA		Batch: 2350010	
Chloride	ND	20.0	1	12/11/23	12/12/23	



Sample Data

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

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

Reported:
12/18/2023 1:52:51PM

S1-6'

E312047-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2349099
Benzene	ND	0.0250	1	12/08/23	12/12/23	
Ethylbenzene	ND	0.0250	1	12/08/23	12/12/23	
Toluene	ND	0.0250	1	12/08/23	12/12/23	
o-Xylene	ND	0.0250	1	12/08/23	12/12/23	
p,m-Xylene	ND	0.0500	1	12/08/23	12/12/23	
Total Xylenes	ND	0.0250	1	12/08/23	12/12/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.3 %	70-130		12/08/23	12/12/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2349099
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/08/23	12/12/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.1 %	70-130		12/08/23	12/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2350073
Diesel Range Organics (C10-C28)	ND	25.0	1	12/14/23	12/15/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/14/23	12/15/23	
<i>Surrogate: n-Nonane</i>						
	86.4 %	50-200		12/14/23	12/15/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2350010
Chloride	28.8	20.0	1	12/11/23	12/12/23	



Sample Data

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

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

Reported:
12/18/2023 1:52:51PM

S1-7'

E312047-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2349099
Benzene	ND	0.0250	1	12/08/23	12/12/23	
Ethylbenzene	ND	0.0250	1	12/08/23	12/12/23	
Toluene	ND	0.0250	1	12/08/23	12/12/23	
o-Xylene	ND	0.0250	1	12/08/23	12/12/23	
p,m-Xylene	ND	0.0500	1	12/08/23	12/12/23	
Total Xylenes	ND	0.0250	1	12/08/23	12/12/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.9 %	70-130		12/08/23	12/12/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2349099
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/08/23	12/12/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.7 %	70-130		12/08/23	12/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2350073
Diesel Range Organics (C10-C28)	ND	25.0	1	12/14/23	12/15/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/14/23	12/15/23	
<i>Surrogate: n-Nonane</i>						
	81.8 %	50-200		12/14/23	12/15/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2350010
Chloride	ND	20.0	1	12/11/23	12/12/23	



Sample Data

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

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

Reported:
12/18/2023 1:52:51PM

S2-5'

E312047-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2349099
Benzene	ND	0.0250	1	12/08/23	12/12/23	
Ethylbenzene	ND	0.0250	1	12/08/23	12/12/23	
Toluene	ND	0.0250	1	12/08/23	12/12/23	
o-Xylene	ND	0.0250	1	12/08/23	12/12/23	
p,m-Xylene	ND	0.0500	1	12/08/23	12/12/23	
Total Xylenes	ND	0.0250	1	12/08/23	12/12/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.3 %	70-130		12/08/23	12/12/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2349099
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/08/23	12/12/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.7 %	70-130		12/08/23	12/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2350073
Diesel Range Organics (C10-C28)	ND	25.0	1	12/14/23	12/15/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/14/23	12/15/23	
<i>Surrogate: n-Nonane</i>						
	84.8 %	50-200		12/14/23	12/15/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2350010
Chloride	ND	20.0	1	12/11/23	12/12/23	



Sample Data

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

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

Reported:
12/18/2023 1:52:51PM

S2-6'

E312047-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2349099
Benzene	ND	0.0250	1	12/08/23	12/12/23	
Ethylbenzene	ND	0.0250	1	12/08/23	12/12/23	
Toluene	ND	0.0250	1	12/08/23	12/12/23	
o-Xylene	ND	0.0250	1	12/08/23	12/12/23	
p,m-Xylene	ND	0.0500	1	12/08/23	12/12/23	
Total Xylenes	ND	0.0250	1	12/08/23	12/12/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.5 %	70-130		12/08/23	12/12/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2349099
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/08/23	12/12/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.3 %	70-130		12/08/23	12/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2350073
Diesel Range Organics (C10-C28)	ND	25.0	1	12/14/23	12/15/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/14/23	12/15/23	
<i>Surrogate: n-Nonane</i>						
	86.9 %	50-200		12/14/23	12/15/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2350010
Chloride	ND	20.0	1	12/11/23	12/12/23	



Sample Data

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

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

Reported:
12/18/2023 1:52:51PM

S2-7'

E312047-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2349099
Benzene	ND	0.0250	1	12/08/23	12/12/23	
Ethylbenzene	ND	0.0250	1	12/08/23	12/12/23	
Toluene	ND	0.0250	1	12/08/23	12/12/23	
o-Xylene	ND	0.0250	1	12/08/23	12/12/23	
p,m-Xylene	ND	0.0500	1	12/08/23	12/12/23	
Total Xylenes	ND	0.0250	1	12/08/23	12/12/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.7 %	70-130		12/08/23	12/12/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2349099
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/08/23	12/12/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	87.2 %	70-130		12/08/23	12/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2350073
Diesel Range Organics (C10-C28)	ND	25.0	1	12/14/23	12/15/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/14/23	12/15/23	
<i>Surrogate: n-Nonane</i>						
	85.0 %	50-200		12/14/23	12/15/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2350010
Chloride	ND	20.0	1	12/11/23	12/12/23	



Sample Data

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

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

Reported:
12/18/2023 1:52:51PM

S3-5'

E312047-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2349099
Benzene	ND	0.0250	1	12/08/23	12/12/23	
Ethylbenzene	ND	0.0250	1	12/08/23	12/12/23	
Toluene	ND	0.0250	1	12/08/23	12/12/23	
o-Xylene	ND	0.0250	1	12/08/23	12/12/23	
p,m-Xylene	ND	0.0500	1	12/08/23	12/12/23	
Total Xylenes	ND	0.0250	1	12/08/23	12/12/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.4 %	70-130		12/08/23	12/12/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2349099
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/08/23	12/12/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	86.9 %	70-130		12/08/23	12/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2350073
Diesel Range Organics (C10-C28)	ND	25.0	1	12/14/23	12/15/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/14/23	12/15/23	
<i>Surrogate: n-Nonane</i>						
	85.9 %	50-200		12/14/23	12/15/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2350010
Chloride	ND	20.0	1	12/11/23	12/12/23	



Sample Data

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

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

Reported:
12/18/2023 1:52:51PM

S3-6'

E312047-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2349099
Benzene	ND	0.0250	1	12/08/23	12/12/23	
Ethylbenzene	ND	0.0250	1	12/08/23	12/12/23	
Toluene	ND	0.0250	1	12/08/23	12/12/23	
o-Xylene	ND	0.0250	1	12/08/23	12/12/23	
p,m-Xylene	ND	0.0500	1	12/08/23	12/12/23	
Total Xylenes	ND	0.0250	1	12/08/23	12/12/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.4 %	70-130		12/08/23	12/12/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2349099
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/08/23	12/12/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.9 %	70-130		12/08/23	12/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2350073
Diesel Range Organics (C10-C28)	ND	25.0	1	12/14/23	12/15/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/14/23	12/15/23	
<i>Surrogate: n-Nonane</i>						
	84.9 %	50-200		12/14/23	12/15/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2350010
Chloride	ND	20.0	1	12/11/23	12/12/23	



Sample Data

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

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

Reported:
12/18/2023 1:52:51PM

S3-7'

E312047-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2349099
Benzene	ND	0.0250	1	12/08/23	12/12/23	
Ethylbenzene	ND	0.0250	1	12/08/23	12/12/23	
Toluene	ND	0.0250	1	12/08/23	12/12/23	
o-Xylene	ND	0.0250	1	12/08/23	12/12/23	
p,m-Xylene	ND	0.0500	1	12/08/23	12/12/23	
Total Xylenes	ND	0.0250	1	12/08/23	12/12/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.2 %	70-130		12/08/23	12/12/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2349099
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/08/23	12/12/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.6 %	70-130		12/08/23	12/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2350073
Diesel Range Organics (C10-C28)	ND	25.0	1	12/14/23	12/15/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/14/23	12/15/23	
<i>Surrogate: n-Nonane</i>						
	84.5 %	50-200		12/14/23	12/15/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2350010
Chloride	ND	20.0	1	12/11/23	12/12/23	



Sample Data

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

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

Reported:
12/18/2023 1:52:51PM

S4-5'

E312047-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2349099
Benzene	ND	0.0250	1	12/08/23	12/12/23	
Ethylbenzene	ND	0.0250	1	12/08/23	12/12/23	
Toluene	ND	0.0250	1	12/08/23	12/12/23	
o-Xylene	ND	0.0250	1	12/08/23	12/12/23	
p,m-Xylene	ND	0.0500	1	12/08/23	12/12/23	
Total Xylenes	ND	0.0250	1	12/08/23	12/12/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.7 %	70-130		12/08/23	12/12/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2349099
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/08/23	12/12/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.4 %	70-130		12/08/23	12/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2350073
Diesel Range Organics (C10-C28)	ND	25.0	1	12/14/23	12/15/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/14/23	12/15/23	
<i>Surrogate: n-Nonane</i>						
	86.9 %	50-200		12/14/23	12/15/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2350010
Chloride	ND	20.0	1	12/11/23	12/12/23	



Sample Data

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

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

Reported:
12/18/2023 1:52:51PM

S4-6'

E312047-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2349099
Benzene	ND	0.0250	1	12/08/23	12/12/23	
Ethylbenzene	ND	0.0250	1	12/08/23	12/12/23	
Toluene	ND	0.0250	1	12/08/23	12/12/23	
o-Xylene	ND	0.0250	1	12/08/23	12/12/23	
p,m-Xylene	ND	0.0500	1	12/08/23	12/12/23	
Total Xylenes	ND	0.0250	1	12/08/23	12/12/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.0 %	70-130		12/08/23	12/12/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2349099
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/08/23	12/12/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.5 %	70-130		12/08/23	12/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2350073
Diesel Range Organics (C10-C28)	ND	25.0	1	12/14/23	12/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/14/23	12/16/23	
<i>Surrogate: n-Nonane</i>						
	87.2 %	50-200		12/14/23	12/16/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2350010
Chloride	ND	20.0	1	12/11/23	12/12/23	



Sample Data

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

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

Reported:
12/18/2023 1:52:51PM

S4-7'

E312047-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2349099
Benzene	ND	0.0250	1	12/08/23	12/12/23	
Ethylbenzene	ND	0.0250	1	12/08/23	12/12/23	
Toluene	ND	0.0250	1	12/08/23	12/12/23	
o-Xylene	ND	0.0250	1	12/08/23	12/12/23	
p,m-Xylene	ND	0.0500	1	12/08/23	12/12/23	
Total Xylenes	ND	0.0250	1	12/08/23	12/12/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.9 %	70-130		12/08/23	12/12/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2349099
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/08/23	12/12/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.0 %	70-130		12/08/23	12/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2350073
Diesel Range Organics (C10-C28)	ND	25.0	1	12/14/23	12/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/14/23	12/16/23	
<i>Surrogate: n-Nonane</i>						
	85.7 %	50-200		12/14/23	12/16/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2350010
Chloride	ND	20.0	1	12/11/23	12/12/23	



Sample Data

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

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

Reported:
12/18/2023 1:52:51PM

S5-5'

E312047-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2349099
Benzene	ND	0.0250	1	12/08/23	12/12/23	
Ethylbenzene	ND	0.0250	1	12/08/23	12/12/23	
Toluene	ND	0.0250	1	12/08/23	12/12/23	
o-Xylene	ND	0.0250	1	12/08/23	12/12/23	
p,m-Xylene	ND	0.0500	1	12/08/23	12/12/23	
Total Xylenes	ND	0.0250	1	12/08/23	12/12/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.5 %	70-130		12/08/23	12/12/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2349099
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/08/23	12/12/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.8 %	70-130		12/08/23	12/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2350073
Diesel Range Organics (C10-C28)	ND	25.0	1	12/14/23	12/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/14/23	12/16/23	
<i>Surrogate: n-Nonane</i>						
	81.7 %	50-200		12/14/23	12/16/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2350010
Chloride	ND	20.0	1	12/11/23	12/12/23	



Sample Data

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

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

Reported:
12/18/2023 1:52:51PM

S5-6'

E312047-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2349099
Benzene	ND	0.0250	1	12/08/23	12/12/23	
Ethylbenzene	ND	0.0250	1	12/08/23	12/12/23	
Toluene	ND	0.0250	1	12/08/23	12/12/23	
o-Xylene	ND	0.0250	1	12/08/23	12/12/23	
p,m-Xylene	ND	0.0500	1	12/08/23	12/12/23	
Total Xylenes	ND	0.0250	1	12/08/23	12/12/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.3 %	70-130		12/08/23	12/12/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2349099
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/08/23	12/12/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	87.0 %	70-130		12/08/23	12/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2350073
Diesel Range Organics (C10-C28)	ND	25.0	1	12/14/23	12/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/14/23	12/16/23	
<i>Surrogate: n-Nonane</i>						
	84.4 %	50-200		12/14/23	12/16/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2350010
Chloride	ND	20.0	1	12/11/23	12/12/23	



Sample Data

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

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

Reported:
12/18/2023 1:52:51PM

S5-7'

E312047-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2349099
Benzene	ND	0.0250	1	12/08/23	12/12/23	
Ethylbenzene	ND	0.0250	1	12/08/23	12/12/23	
Toluene	ND	0.0250	1	12/08/23	12/12/23	
o-Xylene	ND	0.0250	1	12/08/23	12/12/23	
p,m-Xylene	ND	0.0500	1	12/08/23	12/12/23	
Total Xylenes	ND	0.0250	1	12/08/23	12/12/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.1 %	70-130		12/08/23	12/12/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2349099
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/08/23	12/12/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	86.6 %	70-130		12/08/23	12/12/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2350073
Diesel Range Organics (C10-C28)	ND	25.0	1	12/14/23	12/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/14/23	12/16/23	
<i>Surrogate: n-Nonane</i>						
	84.1 %	50-200		12/14/23	12/16/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: BA		Batch: 2350010
Chloride	ND	20.0	1	12/11/23	12/12/23	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 CTB 3	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	12/18/2023 1:52:51PM

Volatile Organics by EPA 8021B

Analyst: RAS

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 (2349099-BLK1)

Prepared: 12/08/23 Analyzed: 12/12/23

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: 4-Bromochlorobenzene-PID	7.78		8.00		97.3	70-130			

LCS (2349099-BS1)

Prepared: 12/08/23 Analyzed: 12/12/23

Benzene	4.98	0.0250	5.00		99.6	70-130			
Ethylbenzene	4.90	0.0250	5.00		98.0	70-130			
Toluene	4.97	0.0250	5.00		99.3	70-130			
o-Xylene	4.95	0.0250	5.00		99.0	70-130			
p,m-Xylene	10.0	0.0500	10.0		100	70-130			
Total Xylenes	15.0	0.0250	15.0		99.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.74		8.00		96.8	70-130			

Matrix Spike (2349099-MS1)

Source: E312047-07

Prepared: 12/08/23 Analyzed: 12/12/23

Benzene	5.13	0.0250	5.00	ND	103	54-133			
Ethylbenzene	5.02	0.0250	5.00	ND	100	61-133			
Toluene	5.10	0.0250	5.00	ND	102	61-130			
o-Xylene	5.10	0.0250	5.00	ND	102	63-131			
p,m-Xylene	10.3	0.0500	10.0	ND	103	63-131			
Total Xylenes	15.4	0.0250	15.0	ND	102	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.71		8.00		96.3	70-130			

Matrix Spike Dup (2349099-MSD1)

Source: E312047-07

Prepared: 12/08/23 Analyzed: 12/12/23

Benzene	5.57	0.0250	5.00	ND	111	54-133	8.23	20	
Ethylbenzene	5.48	0.0250	5.00	ND	110	61-133	8.78	20	
Toluene	5.55	0.0250	5.00	ND	111	61-130	8.42	20	
o-Xylene	5.53	0.0250	5.00	ND	111	63-131	8.08	20	
p,m-Xylene	11.2	0.0500	10.0	ND	112	63-131	8.63	20	
Total Xylenes	16.7	0.0250	15.0	ND	111	63-131	8.44	20	
Surrogate: 4-Bromochlorobenzene-PID	7.82		8.00		97.8	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 CTB 3	Reported: 12/18/2023 1:52:51PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RAS

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 (2349099-BLK1)					Prepared: 12/08/23 Analyzed: 12/12/23				
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.10		8.00		88.8	70-130			

LCS (2349099-BS2)					Prepared: 12/08/23 Analyzed: 12/12/23				
Gasoline Range Organics (C6-C10)	45.5	20.0	50.0		91.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.16		8.00		89.5	70-130			

Matrix Spike (2349099-MS2)					Source: E312047-07		Prepared: 12/08/23 Analyzed: 12/12/23		
Gasoline Range Organics (C6-C10)	39.9	20.0	50.0	ND	79.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.98		8.00		87.2	70-130			

Matrix Spike Dup (2349099-MSD2)					Source: E312047-07		Prepared: 12/08/23 Analyzed: 12/12/23		
Gasoline Range Organics (C6-C10)	44.9	20.0	50.0	ND	89.7	70-130	11.7	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.89		8.00		86.1	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 CTB 3	Reported: 12/18/2023 1:52:51PM
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 (2350073-BLK1)					Prepared: 12/14/23 Analyzed: 12/15/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	44.6		50.0		89.2	50-200			

LCS (2350073-BS1)					Prepared: 12/14/23 Analyzed: 12/15/23				
Diesel Range Organics (C10-C28)	233	25.0	250		93.3	38-132			
Surrogate: n-Nonane	44.2		50.0		88.3	50-200			

Matrix Spike (2350073-MS1)					Source: E312047-03		Prepared: 12/14/23 Analyzed: 12/15/23		
Diesel Range Organics (C10-C28)	229	25.0	250	ND	91.6	38-132			
Surrogate: n-Nonane	43.8		50.0		87.5	50-200			

Matrix Spike Dup (2350073-MSD1)					Source: E312047-03		Prepared: 12/14/23 Analyzed: 12/15/23		
Diesel Range Organics (C10-C28)	219	25.0	250	ND	87.8	38-132	4.26	20	
Surrogate: n-Nonane	42.8		50.0		85.5	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 CTB 3	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	12/18/2023 1:52:51PM

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 (2350010-BLK1)					Prepared: 12/11/23 Analyzed: 12/12/23				
Chloride	ND	20.0							
LCS (2350010-BS1)					Prepared: 12/11/23 Analyzed: 12/12/23				
Chloride	250	20.0	250		99.9	90-110			
Matrix Spike (2350010-MS1)					Source: E312047-03		Prepared: 12/11/23 Analyzed: 12/12/23		
Chloride	250	20.0	250	ND	99.9	80-120			
Matrix Spike Dup (2350010-MSD1)					Source: E312047-03		Prepared: 12/11/23 Analyzed: 12/12/23		
Chloride	252	20.0	250	ND	101	80-120	0.999	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 CTB 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	12/18/23 13:52

- ND Analyte NOT DETECTED at or above the reporting limit
 - NR Not Reported
 - RPD Relative Percent Difference
 - DNI Did Not Ignite
 - DNR Did not react with the addition of acid or base.
- Note (1): Methods marked with ** are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Project Information

Chain of Custody

Page 1 of 2

Client: Pima Environmental Services Project: <u>Bell Lake 19 CTB 3</u> Project Manager: <u>Tom Bynum</u> Address: <u>5614 N. Lovington Hwy.</u> City, State, Zip: <u>Hobbs, NM, 88240</u> Phone: <u>580-748-1613</u> Email: <u>tom@pimaoil.com</u> Report due by:					Bill To Attention: <u>Devon</u> Address: City, State, Zip: Phone: Email: Pima Project # <u>342</u>					Lab Use Only Lab WO# <u>E312047</u> Job Number <u>010580007</u> Analysis and Method						TAT 1D 2D 3D Standard <u>X</u>				EPA Program CWA SDWA	
					DRO/ORO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0						BGDOC NM BGDOC TX				RCRA State NM CO UT AZ TX <u>X</u>						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks															
8:59	12/6	S	1	S1-5'	1	X															
9:07				S1-6'	2																
9:10				S1-7'	3																
9:14				S2-5'	4																
9:17				S2-6'	5																
9:25				S2-7'	6																
9:31				S3-5'	7																
9:39				S3-6'	8																
9:41				S3-7'	9																
9:48				S4-5'	10																
Additional Instructions: <u>B#21199456</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>Karime Arame</u>				<u>Michelle Cuyk</u>		<u>12-7-23</u>	<u>1445</u>														
<u>Michelle Cuyk</u>		<u>12-7-23</u>	<u>1730</u>	<u>Andrew Moss</u>		<u>12-8-23</u>	<u>0700</u>	T1 T2 T3													
<u>Andrew Moss</u>		<u>12-8-23</u>	<u>1300</u>	<u>Andrew Moss</u>		<u>12-8-23</u>	<u>1300</u>	AVG Temp °C <u>4</u>													
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other											Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA										
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																					



Envirotech Analytical Laboratory

Printed: 12/11/2023 12:01:23PM

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:	12/08/23 13:00	Work Order ID:	E312047
Phone:	(575) 631-6977	Date Logged In:	12/08/23 13:16	Logged In By:	Alexa Michaels
Email:	tom@pimaoil.com	Due Date:	12/18/23 17:00 (6 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: Courier**Comments/Resolution****Sample Turn Around Time (TAT)**

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Tom Bynum



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Bell Lake 19 CTB 3

Work Order: E401233

Job Number: 01058-0007

Received: 2/1/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/2/24

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 2/2/24



Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Bell Lake 19 CTB 3
Workorder: E401233
Date Received: 2/1/2024 8:00:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/1/2024 8:00:00AM, under the Project Name: Bell Lake 19 CTB 3.

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

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

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

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

Respectfully,

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

Raina Schwanz
Laboratory Administrator
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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 CTB 3	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	02/02/24 18:51

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS1 - Bottom	E401233-01A	Soil	01/31/24	02/01/24	Glass Jar, 2 oz.
CS2 - Bottom	E401233-02A	Soil	01/31/24	02/01/24	Glass Jar, 2 oz.
CS3 - Bottom	E401233-03A	Soil	01/31/24	02/01/24	Glass Jar, 2 oz.
CS4 - Bottom	E401233-04A	Soil	01/31/24	02/01/24	Glass Jar, 2 oz.
CS5 - Bottom	E401233-05A	Soil	01/31/24	02/01/24	Glass Jar, 2 oz.
CS6 - Bottom	E401233-06A	Soil	01/31/24	02/01/24	Glass Jar, 2 oz.
CS7 - Bottom	E401233-07A	Soil	01/31/24	02/01/24	Glass Jar, 2 oz.
CSW1	E401233-08A	Soil	01/31/24	02/01/24	Glass Jar, 2 oz.
CSW2	E401233-09A	Soil	01/31/24	02/01/24	Glass Jar, 2 oz.
CSW3	E401233-10A	Soil	01/31/24	02/01/24	Glass Jar, 2 oz.
CSW4	E401233-11A	Soil	01/31/24	02/01/24	Glass Jar, 2 oz.
CSW5	E401233-12A	Soil	01/31/24	02/01/24	Glass Jar, 2 oz.
CSW6	E401233-13A	Soil	01/31/24	02/01/24	Glass Jar, 2 oz.
CSW7	E401233-14A	Soil	01/31/24	02/01/24	Glass Jar, 2 oz.
CSW8	E401233-15A	Soil	01/31/24	02/01/24	Glass Jar, 2 oz.
CSW9	E401233-16A	Soil	01/31/24	02/01/24	Glass Jar, 2 oz.
CSW10	E401233-17A	Soil	01/31/24	02/01/24	Glass Jar, 2 oz.
CSW11	E401233-18A	Soil	01/31/24	02/01/24	Glass Jar, 2 oz.
CSW12	E401233-19A	Soil	01/31/24	02/01/24	Glass Jar, 2 oz.
CSW13	E401233-20A	Soil	01/31/24	02/01/24	Glass Jar, 2 oz.
CSW14	E401233-21A	Soil	01/31/24	02/01/24	Glass Jar, 2 oz.
CSW15	E401233-22A	Soil	01/31/24	02/01/24	Glass Jar, 2 oz.
CSW16	E401233-23A	Soil	01/31/24	02/01/24	Glass Jar, 2 oz.



Sample Data

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

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

Reported:
2/2/2024 6:51:36PM

CS1 - Bottom

E401233-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: EG		Batch: 2405075	
Benzene	ND	0.0250	1	02/01/24	02/01/24	
Ethylbenzene	ND	0.0250	1	02/01/24	02/01/24	
Toluene	ND	0.0250	1	02/01/24	02/01/24	
o-Xylene	ND	0.0250	1	02/01/24	02/01/24	
p,m-Xylene	ND	0.0500	1	02/01/24	02/01/24	
Total Xylenes	ND	0.0250	1	02/01/24	02/01/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	101 %	70-130		02/01/24	02/01/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: EG		Batch: 2405075	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/01/24	02/01/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.2 %	70-130		02/01/24	02/01/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2405101	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/01/24	02/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/01/24	02/01/24	
<i>Surrogate: n-Nonane</i>						
	100 %	50-200		02/01/24	02/01/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2405082	
Chloride	ND	20.0	1	02/01/24	02/01/24	



Sample Data

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

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

Reported:
2/2/2024 6:51:36PM

CS2 - Bottom

E401233-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: EG		Batch: 2405075	
Benzene	ND	0.0250	1	02/01/24	02/01/24	
Ethylbenzene	ND	0.0250	1	02/01/24	02/01/24	
Toluene	ND	0.0250	1	02/01/24	02/01/24	
o-Xylene	ND	0.0250	1	02/01/24	02/01/24	
p,m-Xylene	ND	0.0500	1	02/01/24	02/01/24	
Total Xylenes	ND	0.0250	1	02/01/24	02/01/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	02/01/24	02/01/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: EG		Batch: 2405075	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/01/24	02/01/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.2 %	70-130	02/01/24	02/01/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2405101	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/01/24	02/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/01/24	02/01/24	
<i>Surrogate: n-Nonane</i>						
		104 %	50-200	02/01/24	02/01/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2405082	
Chloride	ND	20.0	1	02/01/24	02/01/24	



Sample Data

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

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

Reported:
2/2/2024 6:51:36PM

CS3 - Bottom

E401233-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: EG		Batch: 2405075	
Benzene	ND	0.0250	1	02/01/24	02/01/24	
Ethylbenzene	ND	0.0250	1	02/01/24	02/01/24	
Toluene	ND	0.0250	1	02/01/24	02/01/24	
o-Xylene	ND	0.0250	1	02/01/24	02/01/24	
p,m-Xylene	ND	0.0500	1	02/01/24	02/01/24	
Total Xylenes	ND	0.0250	1	02/01/24	02/01/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	02/01/24	02/01/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: EG		Batch: 2405075	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/01/24	02/01/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.7 %	70-130	02/01/24	02/01/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2405101	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/01/24	02/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/01/24	02/01/24	
<i>Surrogate: n-Nonane</i>						
		97.9 %	50-200	02/01/24	02/01/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2405082	
Chloride	ND	20.0	1	02/01/24	02/01/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 CTB 3	Reported: 2/2/2024 6:51:36PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CS4 - Bottom
E401233-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: EG		Batch: 2405075
Benzene	ND	0.0250	1	02/01/24	02/01/24	
Ethylbenzene	ND	0.0250	1	02/01/24	02/01/24	
Toluene	ND	0.0250	1	02/01/24	02/01/24	
o-Xylene	ND	0.0250	1	02/01/24	02/01/24	
p,m-Xylene	ND	0.0500	1	02/01/24	02/01/24	
Total Xylenes	ND	0.0250	1	02/01/24	02/01/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	02/01/24	02/01/24	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: EG		Batch: 2405075
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/01/24	02/01/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.1 %	70-130	02/01/24	02/01/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: KM		Batch: 2405101
Diesel Range Organics (C10-C28)	ND	25.0	1	02/01/24	02/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/01/24	02/01/24	
<i>Surrogate: n-Nonane</i>		98.2 %	50-200	02/01/24	02/01/24	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: IY		Batch: 2405082
Chloride	ND	20.0	1	02/01/24	02/01/24	



Sample Data

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

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

Reported:
2/2/2024 6:51:36PM

CS5 - Bottom

E401233-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: EG		Batch: 2405075
Benzene	ND	0.0250	1	02/01/24	02/01/24	
Ethylbenzene	ND	0.0250	1	02/01/24	02/01/24	
Toluene	ND	0.0250	1	02/01/24	02/01/24	
o-Xylene	ND	0.0250	1	02/01/24	02/01/24	
p,m-Xylene	ND	0.0500	1	02/01/24	02/01/24	
Total Xylenes	ND	0.0250	1	02/01/24	02/01/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	02/01/24	02/01/24	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: EG		Batch: 2405075
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/01/24	02/01/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.9 %	70-130	02/01/24	02/01/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: KM		Batch: 2405101
Diesel Range Organics (C10-C28)	ND	25.0	1	02/01/24	02/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/01/24	02/01/24	
<i>Surrogate: n-Nonane</i>		100 %	50-200	02/01/24	02/01/24	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: IY		Batch: 2405082
Chloride	ND	20.0	1	02/01/24	02/01/24	



Sample Data

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

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

Reported:
2/2/2024 6:51:36PM

CS6 - Bottom

E401233-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: EG		Batch: 2405075
Benzene	ND	0.0250	1	02/01/24	02/01/24	
Ethylbenzene	ND	0.0250	1	02/01/24	02/01/24	
Toluene	ND	0.0250	1	02/01/24	02/01/24	
o-Xylene	ND	0.0250	1	02/01/24	02/01/24	
p,m-Xylene	ND	0.0500	1	02/01/24	02/01/24	
Total Xylenes	ND	0.0250	1	02/01/24	02/01/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	02/01/24	02/01/24	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: EG		Batch: 2405075
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/01/24	02/01/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.3 %	70-130	02/01/24	02/01/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: KM		Batch: 2405101
Diesel Range Organics (C10-C28)	ND	25.0	1	02/01/24	02/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/01/24	02/01/24	
<i>Surrogate: n-Nonane</i>		114 %	50-200	02/01/24	02/01/24	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: IY		Batch: 2405082
Chloride	ND	20.0	1	02/01/24	02/01/24	



Sample Data

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

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

Reported:
2/2/2024 6:51:36PM

CS7 - Bottom

E401233-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: EG		Batch: 2405075	
Benzene	ND	0.0250	1	02/01/24	02/01/24	
Ethylbenzene	ND	0.0250	1	02/01/24	02/01/24	
Toluene	ND	0.0250	1	02/01/24	02/01/24	
o-Xylene	ND	0.0250	1	02/01/24	02/01/24	
p,m-Xylene	ND	0.0500	1	02/01/24	02/01/24	
Total Xylenes	ND	0.0250	1	02/01/24	02/01/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.3 %	70-130		02/01/24	02/01/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: EG		Batch: 2405075	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/01/24	02/01/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.2 %	70-130		02/01/24	02/01/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2405101	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/01/24	02/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/01/24	02/01/24	
<i>Surrogate: n-Nonane</i>						
	109 %	50-200		02/01/24	02/01/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2405082	
Chloride	ND	20.0	1	02/01/24	02/01/24	



Sample Data

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

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

Reported:
2/2/2024 6:51:36PM

CSW1

E401233-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: EG		Batch: 2405075	
Benzene	ND	0.0250	1	02/01/24	02/01/24	
Ethylbenzene	ND	0.0250	1	02/01/24	02/01/24	
Toluene	ND	0.0250	1	02/01/24	02/01/24	
o-Xylene	ND	0.0250	1	02/01/24	02/01/24	
p,m-Xylene	ND	0.0500	1	02/01/24	02/01/24	
Total Xylenes	ND	0.0250	1	02/01/24	02/01/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.9 %	70-130		02/01/24	02/01/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: EG		Batch: 2405075	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/01/24	02/01/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.9 %	70-130		02/01/24	02/01/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2405101	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/01/24	02/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/01/24	02/01/24	
<i>Surrogate: n-Nonane</i>						
	125 %	50-200		02/01/24	02/01/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2405082	
Chloride	ND	20.0	1	02/01/24	02/01/24	



Sample Data

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

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

Reported:
2/2/2024 6:51:36PM

CSW2

E401233-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: EG		Batch: 2405075	
Benzene	ND	0.0250	1	02/01/24	02/01/24	
Ethylbenzene	ND	0.0250	1	02/01/24	02/01/24	
Toluene	ND	0.0250	1	02/01/24	02/01/24	
o-Xylene	ND	0.0250	1	02/01/24	02/01/24	
p,m-Xylene	ND	0.0500	1	02/01/24	02/01/24	
Total Xylenes	ND	0.0250	1	02/01/24	02/01/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.2 %	70-130		02/01/24	02/01/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: EG		Batch: 2405075	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/01/24	02/01/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.4 %	70-130		02/01/24	02/01/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2405101	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/01/24	02/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/01/24	02/01/24	
<i>Surrogate: n-Nonane</i>						
	114 %	50-200		02/01/24	02/01/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2405082	
Chloride	ND	20.0	1	02/01/24	02/01/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 CTB 3	Reported: 2/2/2024 6:51:36PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CSW3

E401233-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG		Batch: 2405075	
Benzene	ND	0.0250	1	02/01/24	02/01/24	
Ethylbenzene	ND	0.0250	1	02/01/24	02/01/24	
Toluene	ND	0.0250	1	02/01/24	02/01/24	
o-Xylene	ND	0.0250	1	02/01/24	02/01/24	
p,m-Xylene	ND	0.0500	1	02/01/24	02/01/24	
Total Xylenes	ND	0.0250	1	02/01/24	02/01/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.3 %	70-130		02/01/24	02/01/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG		Batch: 2405075	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/01/24	02/01/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.1 %	70-130		02/01/24	02/01/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2405101	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/01/24	02/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/01/24	02/01/24	
<i>Surrogate: n-Nonane</i>						
	115 %	50-200		02/01/24	02/01/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2405082	
Chloride	ND	20.0	1	02/01/24	02/01/24	



Sample Data

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

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

Reported:
2/2/2024 6:51:36PM

CSW4

E401233-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: EG		Batch: 2405075	
Benzene	ND	0.0250	1	02/01/24	02/01/24	
Ethylbenzene	ND	0.0250	1	02/01/24	02/01/24	
Toluene	ND	0.0250	1	02/01/24	02/01/24	
o-Xylene	ND	0.0250	1	02/01/24	02/01/24	
p,m-Xylene	ND	0.0500	1	02/01/24	02/01/24	
Total Xylenes	ND	0.0250	1	02/01/24	02/01/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.9 %	70-130		02/01/24	02/01/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: EG		Batch: 2405075	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/01/24	02/01/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.6 %	70-130		02/01/24	02/01/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2405101	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/01/24	02/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/01/24	02/01/24	
<i>Surrogate: n-Nonane</i>						
	108 %	50-200		02/01/24	02/01/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2405082	
Chloride	ND	20.0	1	02/01/24	02/01/24	



Sample Data

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

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

Reported:
2/2/2024 6:51:36PM

CSW5

E401233-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: EG		Batch: 2405075	
Benzene	ND	0.0250	1	02/01/24	02/01/24	
Ethylbenzene	ND	0.0250	1	02/01/24	02/01/24	
Toluene	ND	0.0250	1	02/01/24	02/01/24	
o-Xylene	ND	0.0250	1	02/01/24	02/01/24	
p,m-Xylene	ND	0.0500	1	02/01/24	02/01/24	
Total Xylenes	ND	0.0250	1	02/01/24	02/01/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.9 %	70-130		02/01/24	02/01/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: EG		Batch: 2405075	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/01/24	02/01/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.6 %	70-130		02/01/24	02/01/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2405101	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/01/24	02/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/01/24	02/01/24	
<i>Surrogate: n-Nonane</i>						
	103 %	50-200		02/01/24	02/01/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2405082	
Chloride	ND	20.0	1	02/01/24	02/01/24	



Sample Data

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

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

Reported:
2/2/2024 6:51:36PM

CSW6

E401233-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: EG		Batch: 2405075	
Benzene	ND	0.0250	1	02/01/24	02/01/24	
Ethylbenzene	ND	0.0250	1	02/01/24	02/01/24	
Toluene	ND	0.0250	1	02/01/24	02/01/24	
o-Xylene	ND	0.0250	1	02/01/24	02/01/24	
p,m-Xylene	ND	0.0500	1	02/01/24	02/01/24	
Total Xylenes	ND	0.0250	1	02/01/24	02/01/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.2 %	70-130		02/01/24	02/01/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: EG		Batch: 2405075	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/01/24	02/01/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.9 %	70-130		02/01/24	02/01/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2405101	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/01/24	02/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/01/24	02/01/24	
<i>Surrogate: n-Nonane</i>						
	105 %	50-200		02/01/24	02/01/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2405082	
Chloride	ND	20.0	1	02/01/24	02/01/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 CTB 3	Reported: 2/2/2024 6:51:36PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CSW7

E401233-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG		Batch: 2405075	
Benzene	ND	0.0250	1	02/01/24	02/01/24	
Ethylbenzene	ND	0.0250	1	02/01/24	02/01/24	
Toluene	ND	0.0250	1	02/01/24	02/01/24	
o-Xylene	ND	0.0250	1	02/01/24	02/01/24	
p,m-Xylene	ND	0.0500	1	02/01/24	02/01/24	
Total Xylenes	ND	0.0250	1	02/01/24	02/01/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	02/01/24	02/01/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG		Batch: 2405075	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/01/24	02/01/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.3 %	70-130	02/01/24	02/01/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2405101	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/01/24	02/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/01/24	02/01/24	
<i>Surrogate: n-Nonane</i>		110 %	50-200	02/01/24	02/01/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2405082	
Chloride	ND	20.0	1	02/01/24	02/01/24	



Sample Data

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

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

Reported:
2/2/2024 6:51:36PM

CSW8

E401233-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: EG		Batch: 2405075	
Benzene	ND	0.0250	1	02/01/24	02/01/24	
Ethylbenzene	ND	0.0250	1	02/01/24	02/01/24	
Toluene	ND	0.0250	1	02/01/24	02/01/24	
o-Xylene	ND	0.0250	1	02/01/24	02/01/24	
p,m-Xylene	ND	0.0500	1	02/01/24	02/01/24	
Total Xylenes	ND	0.0250	1	02/01/24	02/01/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.4 %	70-130		02/01/24	02/01/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: EG		Batch: 2405075	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/01/24	02/01/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.4 %	70-130		02/01/24	02/01/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2405101	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/01/24	02/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/01/24	02/01/24	
<i>Surrogate: n-Nonane</i>						
	107 %	50-200		02/01/24	02/01/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2405082	
Chloride	ND	20.0	1	02/01/24	02/01/24	



Sample Data

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

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

Reported:
2/2/2024 6:51:36PM

CSW9

E401233-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: EG		Batch: 2405075	
Benzene	ND	0.0250	1	02/01/24	02/01/24	
Ethylbenzene	ND	0.0250	1	02/01/24	02/01/24	
Toluene	ND	0.0250	1	02/01/24	02/01/24	
o-Xylene	ND	0.0250	1	02/01/24	02/01/24	
p,m-Xylene	ND	0.0500	1	02/01/24	02/01/24	
Total Xylenes	ND	0.0250	1	02/01/24	02/01/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	02/01/24	02/01/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: EG		Batch: 2405075	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/01/24	02/01/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.2 %	70-130	02/01/24	02/01/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2405101	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/01/24	02/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/01/24	02/01/24	
<i>Surrogate: n-Nonane</i>						
		91.4 %	50-200	02/01/24	02/01/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2405082	
Chloride	ND	20.0	1	02/01/24	02/01/24	



Sample Data

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

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

Reported:
2/2/2024 6:51:36PM

CSW10

E401233-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: EG		Batch: 2405075	
Benzene	ND	0.0250	1	02/01/24	02/01/24	
Ethylbenzene	ND	0.0250	1	02/01/24	02/01/24	
Toluene	ND	0.0250	1	02/01/24	02/01/24	
o-Xylene	ND	0.0250	1	02/01/24	02/01/24	
p,m-Xylene	ND	0.0500	1	02/01/24	02/01/24	
Total Xylenes	ND	0.0250	1	02/01/24	02/01/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	02/01/24	02/01/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: EG		Batch: 2405075	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/01/24	02/01/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.3 %	70-130	02/01/24	02/01/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2405101	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/01/24	02/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/01/24	02/01/24	
<i>Surrogate: n-Nonane</i>						
		83.8 %	50-200	02/01/24	02/01/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2405082	
Chloride	ND	20.0	1	02/01/24	02/01/24	



Sample Data

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

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

Reported:
2/2/2024 6:51:36PM

CSW11

E401233-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: EG		Batch: 2405075	
Benzene	ND	0.0250	1	02/01/24	02/01/24	
Ethylbenzene	ND	0.0250	1	02/01/24	02/01/24	
Toluene	ND	0.0250	1	02/01/24	02/01/24	
o-Xylene	ND	0.0250	1	02/01/24	02/01/24	
p,m-Xylene	ND	0.0500	1	02/01/24	02/01/24	
Total Xylenes	ND	0.0250	1	02/01/24	02/01/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	02/01/24	02/01/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: EG		Batch: 2405075	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/01/24	02/01/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.9 %	70-130	02/01/24	02/01/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2405101	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/01/24	02/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/01/24	02/01/24	
<i>Surrogate: n-Nonane</i>						
		90.9 %	50-200	02/01/24	02/01/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2405082	
Chloride	ND	20.0	1	02/01/24	02/01/24	



Sample Data

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

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

Reported:
2/2/2024 6:51:36PM

CSW12

E401233-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: EG		Batch: 2405075	
Benzene	ND	0.0250	1	02/01/24	02/01/24	
Ethylbenzene	ND	0.0250	1	02/01/24	02/01/24	
Toluene	ND	0.0250	1	02/01/24	02/01/24	
o-Xylene	ND	0.0250	1	02/01/24	02/01/24	
p,m-Xylene	ND	0.0500	1	02/01/24	02/01/24	
Total Xylenes	ND	0.0250	1	02/01/24	02/01/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.4 %	70-130		02/01/24	02/01/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: EG		Batch: 2405075	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/01/24	02/01/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.3 %	70-130		02/01/24	02/01/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2405101	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/01/24	02/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/01/24	02/01/24	
<i>Surrogate: n-Nonane</i>						
	88.4 %	50-200		02/01/24	02/01/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2405082	
Chloride	ND	20.0	1	02/01/24	02/01/24	



Sample Data

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

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

Reported:
2/2/2024 6:51:36PM

CSW13

E401233-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: EG		Batch: 2405075	
Benzene	ND	0.0250	1	02/01/24	02/01/24	
Ethylbenzene	ND	0.0250	1	02/01/24	02/01/24	
Toluene	ND	0.0250	1	02/01/24	02/01/24	
o-Xylene	ND	0.0250	1	02/01/24	02/01/24	
p,m-Xylene	ND	0.0500	1	02/01/24	02/01/24	
Total Xylenes	ND	0.0250	1	02/01/24	02/01/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.3 %	70-130		02/01/24	02/01/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: EG		Batch: 2405075	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/01/24	02/01/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.8 %	70-130		02/01/24	02/01/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2405101	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/01/24	02/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/01/24	02/01/24	
<i>Surrogate: n-Nonane</i>						
	89.6 %	50-200		02/01/24	02/01/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2405082	
Chloride	ND	20.0	1	02/01/24	02/01/24	



Sample Data

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

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

Reported:
2/2/2024 6:51:36PM

CSW14

E401233-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: EG		Batch: 2405074	
Benzene	ND	0.0250	1	02/01/24	02/01/24	
Ethylbenzene	ND	0.0250	1	02/01/24	02/01/24	
Toluene	ND	0.0250	1	02/01/24	02/01/24	
o-Xylene	ND	0.0250	1	02/01/24	02/01/24	
p,m-Xylene	ND	0.0500	1	02/01/24	02/01/24	
Total Xylenes	ND	0.0250	1	02/01/24	02/01/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.0 %	70-130		02/01/24	02/01/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: EG		Batch: 2405074	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/01/24	02/01/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.8 %	70-130		02/01/24	02/01/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2405102	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/01/24	02/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/01/24	02/01/24	
<i>Surrogate: n-Nonane</i>						
	90.9 %	50-200		02/01/24	02/01/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2405081	
Chloride	ND	20.0	1	02/01/24	02/01/24	



Sample Data

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

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

Reported:
2/2/2024 6:51:36PM

CSW15

E401233-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: EG		Batch: 2405074	
Benzene	ND	0.0250	1	02/01/24	02/01/24	
Ethylbenzene	ND	0.0250	1	02/01/24	02/01/24	
Toluene	ND	0.0250	1	02/01/24	02/01/24	
o-Xylene	ND	0.0250	1	02/01/24	02/01/24	
p,m-Xylene	ND	0.0500	1	02/01/24	02/01/24	
Total Xylenes	ND	0.0250	1	02/01/24	02/01/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.6 %	70-130		02/01/24	02/01/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: EG		Batch: 2405074	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/01/24	02/01/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.5 %	70-130		02/01/24	02/01/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2405102	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/01/24	02/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/01/24	02/01/24	
<i>Surrogate: n-Nonane</i>						
	96.9 %	50-200		02/01/24	02/01/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2405081	
Chloride	ND	20.0	1	02/01/24	02/01/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 CTB 3	Reported: 2/2/2024 6:51:36PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CSW16
E401233-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG		Batch: 2405074	
Benzene	ND	0.0250	1	02/01/24	02/01/24	
Ethylbenzene	ND	0.0250	1	02/01/24	02/01/24	
Toluene	ND	0.0250	1	02/01/24	02/01/24	
o-Xylene	ND	0.0250	1	02/01/24	02/01/24	
p,m-Xylene	ND	0.0500	1	02/01/24	02/01/24	
Total Xylenes	ND	0.0250	1	02/01/24	02/01/24	
Surrogate: 4-Bromochlorobenzene-PID	97.5 %	70-130		02/01/24	02/01/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG		Batch: 2405074	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/01/24	02/01/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	95.7 %	70-130		02/01/24	02/01/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2405102	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/01/24	02/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/01/24	02/01/24	
Surrogate: n-Nonane	115 %	50-200		02/01/24	02/01/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2405081	
Chloride	ND	20.0	1	02/01/24	02/01/24	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 CTB 3	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/2/2024 6:51:36PM

Volatile Organics by EPA 8021B

Analyst: EG

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

Blank (2405074-BLK1) Prepared: 02/01/24 Analyzed: 02/02/24

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							

Surrogate: 4-Bromochlorobenzene-PID 7.76 8.00 97.0 70-130

LCS (2405074-BS1) Prepared: 02/01/24 Analyzed: 02/02/24

Benzene	4.83	0.0250	5.00		96.5	70-130			
Ethylbenzene	4.78	0.0250	5.00		95.6	70-130			
Toluene	4.79	0.0250	5.00		95.9	70-130			
o-Xylene	4.75	0.0250	5.00		95.0	70-130			
p,m-Xylene	9.63	0.0500	10.0		96.3	70-130			
Total Xylenes	14.4	0.0250	15.0		95.9	70-130			

Surrogate: 4-Bromochlorobenzene-PID 7.75 8.00 96.8 70-130

Matrix Spike (2405074-MS1) Source: E401232-03 Prepared: 02/01/24 Analyzed: 02/02/24

Benzene	4.99	0.0250	5.00	ND	99.8	54-133			
Ethylbenzene	4.94	0.0250	5.00	ND	98.9	61-133			
Toluene	4.95	0.0250	5.00	ND	99.0	61-130			
o-Xylene	4.90	0.0250	5.00	ND	98.1	63-131			
p,m-Xylene	9.96	0.0500	10.0	ND	99.6	63-131			
Total Xylenes	14.9	0.0250	15.0	ND	99.1	63-131			

Surrogate: 4-Bromochlorobenzene-PID 7.78 8.00 97.2 70-130

Matrix Spike Dup (2405074-MSD1) Source: E401232-03 Prepared: 02/01/24 Analyzed: 02/02/24

Benzene	5.12	0.0250	5.00	ND	102	54-133	2.59	20	
Ethylbenzene	5.09	0.0250	5.00	ND	102	61-133	2.82	20	
Toluene	5.09	0.0250	5.00	ND	102	61-130	2.80	20	
o-Xylene	5.04	0.0250	5.00	ND	101	63-131	2.80	20	
p,m-Xylene	10.2	0.0500	10.0	ND	102	63-131	2.75	20	
Total Xylenes	15.3	0.0250	15.0	ND	102	63-131	2.77	20	

Surrogate: 4-Bromochlorobenzene-PID 7.81 8.00 97.6 70-130



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 CTB 3	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/2/2024 6:51:36PM

Volatile Organics by EPA 8021B

Analyst: EG

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

Blank (2405075-BLK1)

Prepared: 02/01/24 Analyzed: 02/02/24

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.93		8.00		99.1	70-130			

LCS (2405075-BS1)

Prepared: 02/01/24 Analyzed: 02/02/24

Benzene	5.12	0.0250	5.00		102	70-130			
Ethylbenzene	4.96	0.0250	5.00		99.3	70-130			
Toluene	5.10	0.0250	5.00		102	70-130			
o-Xylene	5.05	0.0250	5.00		101	70-130			
p,m-Xylene	10.1	0.0500	10.0		101	70-130			
Total Xylenes	15.2	0.0250	15.0		101	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.01		8.00		100	70-130			

LCS Dup (2405075-BSD1)

Prepared: 02/01/24 Analyzed: 02/02/24

Benzene	5.04	0.0250	5.00		101	70-130	1.68	20	
Ethylbenzene	4.88	0.0250	5.00		97.7	70-130	1.61	20	
Toluene	5.02	0.0250	5.00		100	70-130	1.63	20	
o-Xylene	4.97	0.0250	5.00		99.3	70-130	1.75	20	
p,m-Xylene	9.97	0.0500	10.0		99.7	70-130	1.63	20	
Total Xylenes	14.9	0.0250	15.0		99.6	70-130	1.67	20	
Surrogate: 4-Bromochlorobenzene-PID	7.97		8.00		99.7	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 CTB 3	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/2/2024 6:51:36PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: EG

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 (2405074-BLK1) Prepared: 02/01/24 Analyzed: 02/02/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.56		8.00		94.5	70-130			

LCS (2405074-BS2) Prepared: 02/01/24 Analyzed: 02/02/24

Gasoline Range Organics (C6-C10)	43.0	20.0	50.0		86.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.74		8.00		96.7	70-130			

Matrix Spike (2405074-MS2) Source: E401232-03 Prepared: 02/01/24 Analyzed: 02/02/24

Gasoline Range Organics (C6-C10)	43.5	20.0	50.0	ND	87.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.60		8.00		95.0	70-130			

Matrix Spike Dup (2405074-MSD2) Source: E401232-03 Prepared: 02/01/24 Analyzed: 02/02/24

Gasoline Range Organics (C6-C10)	43.8	20.0	50.0	ND	87.7	70-130	0.786	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.57		8.00		94.6	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 CTB 3	Reported: 2/2/2024 6:51:36PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: EG

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

Blank (2405075-BLK1) Prepared: 02/01/24 Analyzed: 02/02/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00		91.9	70-130			

LCS (2405075-BS2) Prepared: 02/01/24 Analyzed: 02/02/24

Gasoline Range Organics (C6-C10)	47.5	20.0	50.0		95.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.45		8.00		93.1	70-130			

LCS Dup (2405075-BSD2) Prepared: 02/01/24 Analyzed: 02/02/24

Gasoline Range Organics (C6-C10)	47.1	20.0	50.0		94.2	70-130	0.826	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.48		8.00		93.4	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 CTB 3	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/2/2024 6:51:36PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

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

Blank (2405101-BLK1)					Prepared: 02/01/24 Analyzed: 02/01/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	45.2		50.0		90.4	50-200			

LCS (2405101-BS1)					Prepared: 02/01/24 Analyzed: 02/01/24				
Diesel Range Organics (C10-C28)	238	25.0	250		95.1	38-132			
Surrogate: n-Nonane	45.3		50.0		90.6	50-200			

LCS Dup (2405101-BSD1)					Prepared: 02/01/24 Analyzed: 02/01/24				
Diesel Range Organics (C10-C28)	237	25.0	250		94.8	38-132	0.308	20	
Surrogate: n-Nonane	45.3		50.0		90.5	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 CTB 3	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/2/2024 6:51:36PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2405102-BLK1) Prepared: 02/01/24 Analyzed: 02/01/24

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	55.2		50.0		110	50-200			

LCS (2405102-BS1) Prepared: 02/01/24 Analyzed: 02/01/24

Diesel Range Organics (C10-C28)	241	25.0	250		96.4	38-132			
Surrogate: n-Nonane	52.4		50.0		105	50-200			

LCS Dup (2405102-BSD1) Prepared: 02/01/24 Analyzed: 02/01/24

Diesel Range Organics (C10-C28)	247	25.0	250		98.9	38-132	2.55	20	
Surrogate: n-Nonane	54.3		50.0		109	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 CTB 3	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/2/2024 6:51:36PM

Anions by EPA 300.0/9056A

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 (2405081-BLK1)					Prepared: 02/01/24 Analyzed: 02/01/24				
Chloride	ND	20.0							
LCS (2405081-BS1)					Prepared: 02/01/24 Analyzed: 02/01/24				
Chloride	249	20.0	250		99.7	90-110			
LCS Dup (2405081-BSD1)					Prepared: 02/01/24 Analyzed: 02/01/24				
Chloride	248	20.0	250		99.1	90-110	0.590	20	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 CTB 3	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/2/2024 6:51:36PM

Anions by EPA 300.0/9056A

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 (2405082-BLK1)					Prepared: 02/01/24 Analyzed: 02/01/24				
Chloride	ND	20.0							
LCS (2405082-BS1)					Prepared: 02/01/24 Analyzed: 02/01/24				
Chloride	247	20.0	250		98.7	90-110			
LCS Dup (2405082-BSD1)					Prepared: 02/01/24 Analyzed: 02/01/24				
Chloride	246	20.0	250		98.4	90-110	0.280	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 CTB 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	02/02/24 18:51

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

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

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



Project Information

Chain of Custody

Page 1 of 3

Client: Pima Environmental Services Project: Well Lake 19 CTB 3 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: Devon Address: City, State, Zip: Phone: Email: Pima Project # 1-342				Lab Use Only Lab WCH E-401233 Lab Number 010580007				TAT 1D 2D 3D Standard X				EPA Program CWA SDWA RCRA	
				Analysis and Method DRO/DRO 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 X				Remarks					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number												
9:00	1/31	S	1	CS1 - Bottom	1												
9:11				CS2 - Bottom	2												
9:19				CS3 - Bottom	3												
9:27				CS4 - Bottom	4												
9:36				CS5 - Bottom	5												
9:45				CS6 - Bottom	6												
9:56				CS7 - Bottom	7												
10:12				CSW1	8												
10:21				CSW2	9												
10:29				CSW3	10												
Additional Instructions: Billing # 21199456																	
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) Karine Adams		Date 1/31/24		Time 3:00pm		Received by: (Signature) [Signature]		Date 1-31-24		Time 1500		Lab Use Only Received on ice: (Y) N					
Relinquished by: (Signature) [Signature]		Date 1-31-24		Time 1605		Received by: (Signature) [Signature]		Date 2/1/24		Time 0800		AVG Temp °C 4					
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.																	

Project Information

Chain of Custody

Page 2 of 3

Client: Pima Environmental Services Project: Bell Lake 19 CTB 3 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: Devon Address: City, State, Zip: Phone: Email: Pima Project # 1342				Lab Use Only Lab Work Lab Number E401233 06580057 X Analysis and Method DRO/GRO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDQC NM BGDQC TX				TAT 1D 2D 3D Standard EPA Program CWA SDWA RCRA State NM CO UT AZ TX X			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/GRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDQC NM	BGDQC TX	Remarks	
10:36	1/31	S	1	CSW 4	11							X			
10:44				CSW 5	12										
10:52				CSW 6	13										
11:11				CSW 7	14										
11:21				CSW 8	15										
11:36				CSW 9	16										
11:48				CSW 10	17										
11:51				CSW 11	18										
12:05				CSW 12	19										
12:21				CSW 13	20										
Additional Instructions: Billings #21199456 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: Relinquished by: (Signature) <u>Vasime Adams</u> Date <u>1/31/24</u> Time <u>3:00 PM</u> Received by: (Signature) <u>[Signature]</u> Date <u>1-31-24</u> Time <u>1500</u> Relinquished by: (Signature) <u>[Signature]</u> Date <u>1-31-24</u> Time <u>1605</u> Received by: (Signature) <u>[Signature]</u> Date <u>2-1-24</u> Time <u>0800</u> Relinquished by: (Signature) <u>[Signature]</u> Date _____ Time _____ Received by: (Signature) _____ Date _____ Time _____ Lab Use Only Received on Ice: <u>(Y) / N</u> T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>															
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other										Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA					
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.															

Project Information

Chain of Custody

Page 3 of 3

Client: Pima Environmental Services Project: Bell Lake 19 CTB3 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: Devon Address: City, State, Zip: Phone: Email: Pima Project # 1-342		Lab Use Only Lab Work # E401233 Lab Number 100580007		TAT 1D 2D 3D Standard		EPA Program CWA SDWA RCRA	
				Analysis and Method GRO/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	

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	Remarks
12:33	1/31	S	1	CSW14	21							X		
12:46	1	I	I	CSW15	22							I		
12:59	1	I	I	CSW16	23							I		

Additional Instructions:						Billing # 21199456					
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)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only			
Vernice Adams		1/31/24	3:00 PM	[Signature]		1-31-24	1500	Received on ice: (Y) / N			
[Signature]		1-31-24	1605	[Signature]		2-1-24	0800	T1 T2 T3			
[Signature]				[Signature]				AVG Temp °C 4			
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other						Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA					
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.											

Envirotech Analytical Laboratory

Printed: 2/1/2024 3:50:59PM

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:	02/01/24 08:00	Work Order ID:	E401233
Phone:	(575) 631-6977	Date Logged In:	01/31/24 17:54	Logged In By:	Alexa Michaels
Email:	tom@pimaoil.com	Due Date:	02/01/24 17:00 (0 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Lynsey Coons



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 CTB 3

Work Order: E505038

Job Number: 01058-0007

Received: 5/5/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/8/25

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: 5/8/25

Lynsey Coons
PO Box 247
Plains, TX 79355-0247



Project Name: Bell Lake 19 CTB 3
Workorder: E505038
Date Received: 5/5/2025 7:45:00AM

Lynsey Coons,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/5/2025 7:45:00AM, under the Project Name: Bell Lake 19 CTB 3.

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

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

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

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

Respectfully,

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

Raina Schwanz
Laboratory Administrator
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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 CTB 3	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Lynsey Coons	05/08/25 15:32

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BACKFILL 1	E505038-01A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.
BACKFILL 2	E505038-02A	Soil	05/01/25	05/05/25	Glass Jar, 2 oz.



Sample Data

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

Project Name: Bell Lake 19 CTB 3
Project Number: 01058-0007
Project Manager: Lynsey Coons

Reported:
5/8/2025 3:32:00PM

BACKFILL 1

E505038-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2519025	
Benzene	ND	0.0250	1	05/05/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/07/25	
Toluene	ND	0.0250	1	05/05/25	05/07/25	
o-Xylene	ND	0.0250	1	05/05/25	05/07/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		113 %	70-130	05/05/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2519025	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		98.0 %	70-130	05/05/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2519037	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/06/25	
<i>Surrogate: n-Nonane</i>		95.8 %	61-141	05/06/25	05/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2519056	
Chloride	ND	20.0	1	05/06/25	05/06/25	



Sample Data

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

Project Name: Bell Lake 19 CTB 3
Project Number: 01058-0007
Project Manager: Lynsey Coons

Reported:
5/8/2025 3:32:00PM

BACKFILL 2

E505038-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2519025	
Benzene	ND	0.0250	1	05/05/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/05/25	05/07/25	
Toluene	ND	0.0250	1	05/05/25	05/07/25	
o-Xylene	ND	0.0250	1	05/05/25	05/07/25	
p,m-Xylene	ND	0.0500	1	05/05/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/05/25	05/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		112 %	70-130	05/05/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2519025	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/05/25	05/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		98.4 %	70-130	05/05/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2519037	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/06/25	
<i>Surrogate: n-Nonane</i>		97.1 %	61-141	05/06/25	05/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2519056	
Chloride	ND	20.0	1	05/06/25	05/06/25	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 CTB 3	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Lynsey Coons	5/8/2025 3:32:00PM

Volatile Organics by EPA 8021B

Analyst: BA

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 (2519025-BLK1) Prepared: 05/05/25 Analyzed: 05/06/25

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: 4-Bromochlorobenzene-PID	8.90		8.00		111	70-130			

LCS (2519025-BS1) Prepared: 05/05/25 Analyzed: 05/06/25

Benzene	5.16	0.0250	5.00		103	70-130			
Ethylbenzene	5.19	0.0250	5.00		104	70-130			
Toluene	5.21	0.0250	5.00		104	70-130			
o-Xylene	5.11	0.0250	5.00		102	70-130			
p,m-Xylene	10.4	0.0500	10.0		104	70-130			
Total Xylenes	15.5	0.0250	15.0		104	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.84		8.00		111	70-130			

Matrix Spike (2519025-MS1) Source: E505038-02 Prepared: 05/05/25 Analyzed: 05/07/25

Benzene	5.37	0.0250	5.00	ND	107	70-130			
Ethylbenzene	5.38	0.0250	5.00	ND	108	70-130			
Toluene	5.40	0.0250	5.00	ND	108	70-130			
o-Xylene	5.30	0.0250	5.00	ND	106	70-130			
p,m-Xylene	10.8	0.0500	10.0	ND	108	70-130			
Total Xylenes	16.1	0.0250	15.0	ND	107	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.92		8.00		112	70-130			

Matrix Spike Dup (2519025-MSD1) Source: E505038-02 Prepared: 05/05/25 Analyzed: 05/07/25

Benzene	5.17	0.0250	5.00	ND	103	70-130	3.74	27	
Ethylbenzene	5.18	0.0250	5.00	ND	104	70-130	3.75	26	
Toluene	5.20	0.0250	5.00	ND	104	70-130	3.76	20	
o-Xylene	5.13	0.0250	5.00	ND	103	70-130	3.37	25	
p,m-Xylene	10.4	0.0500	10.0	ND	104	70-130	3.56	23	
Total Xylenes	15.6	0.0250	15.0	ND	104	70-130	3.50	26	
Surrogate: 4-Bromochlorobenzene-PID	8.90		8.00		111	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 CTB 3	Reported: 5/8/2025 3:32:00PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Lynsey Coons	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

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 (2519025-BLK1) Prepared: 05/05/25 Analyzed: 05/06/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.81		8.00		97.6	70-130			

LCS (2519025-BS2) Prepared: 05/05/25 Analyzed: 05/06/25

Gasoline Range Organics (C6-C10)	47.3	20.0	50.0		94.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.97		8.00		99.6	70-130			

Matrix Spike (2519025-MS2) Source: E505038-02 Prepared: 05/05/25 Analyzed: 05/07/25

Gasoline Range Organics (C6-C10)	45.0	20.0	50.0	ND	90.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.91		8.00		98.9	70-130			

Matrix Spike Dup (2519025-MSD2) Source: E505038-02 Prepared: 05/05/25 Analyzed: 05/07/25

Gasoline Range Organics (C6-C10)	39.0	20.0	50.0	ND	78.0	70-130	14.2	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.98		8.00		99.8	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 CTB 3	Reported: 5/8/2025 3:32:00PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Lynsey Coons	

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

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 (2519037-BLK1)					Prepared: 05/06/25 Analyzed: 05/06/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.2		50.0		98.4	61-141			

LCS (2519037-BS1)					Prepared: 05/06/25 Analyzed: 05/06/25				
Diesel Range Organics (C10-C28)	263	25.0	250		105	66-144			
Surrogate: n-Nonane	49.1		50.0		98.2	61-141			

Matrix Spike (2519037-MS1)					Source: E505034-01		Prepared: 05/06/25 Analyzed: 05/06/25		
Diesel Range Organics (C10-C28)	260	25.0	250	ND	104	56-156			
Surrogate: n-Nonane	48.7		50.0		97.4	61-141			

Matrix Spike Dup (2519037-MSD1)					Source: E505034-01		Prepared: 05/06/25 Analyzed: 05/06/25		
Diesel Range Organics (C10-C28)	264	25.0	250	ND	106	56-156	1.64	20	
Surrogate: n-Nonane	49.1		50.0		98.2	61-141			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Bell Lake 19 CTB 3	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Lynsey Coons	5/8/2025 3:32:00PM

Anions by EPA 300.0/9056A

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 (2519056-BLK1)						Prepared: 05/06/25 Analyzed: 05/06/25			
Chloride	ND	20.0							
LCS (2519056-BS1)						Prepared: 05/06/25 Analyzed: 05/06/25			
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2519056-MS1)				Source: E505042-02		Prepared: 05/06/25 Analyzed: 05/06/25			
Chloride	257	20.0	250	ND	103	80-120			
Matrix Spike Dup (2519056-MSD1)				Source: E505042-02		Prepared: 05/06/25 Analyzed: 05/06/25			
Chloride	258	20.0	250	ND	103	80-120	0.645	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 CTB 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Lynsey Coons	05/08/25 15:32

- ND Analyte NOT DETECTED at or above the reporting limit
 - NR Not Reported
 - RPD Relative Percent Difference
 - DNI Did Not Ignite
 - DNR Did not react with the addition of acid or base.
- Note (1): Methods marked with ** are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



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Envirotech Analytical Laboratory

Printed: 5/5/2025 10:33:38AM

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:	05/05/25 07:45	Work Order ID:	E505038
Phone:	(575) 631-6977	Date Logged In:	05/05/25 10:30	Logged In By:	Noe Soto
Email:	lynsey@pimaoil.com	Due Date:	05/09/25 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? No
5. Were all samples received within holding time? Yes

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

Carrier: CourierComments/Resolution

No. of containers and sampled by not provided on COC.

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

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

QUESTIONS

Action 464389

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 464389
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2320174300
Incident Name	NAPP2320174300 BELL LAKE 19 CTB 3 @ 0
Incident Type	Produced Water Release
Incident Status	Reclamation Report Received
Incident Facility	[fAPP2123636889] BELL LAKE 19 CTB 3

Location of Release Source

Please answer all the questions in this group.

Site Name	BELL LAKE 19 CTB 3
Date Release Discovered	07/20/2023
Surface Owner	State

Incident Details

Please answer all the questions in this group.

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

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

Crude Oil Released (bbls) Details	Cause: Equipment Failure Separator Crude Oil Released: 4 BBL Recovered: 3 BBL Lost: 1 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure Separator Produced Water Released: 4 BBL Recovered: 1 BBL Lost: 3 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	The sight glass on a three phase separator broke. The sight glass was isolated and the leak was stopped. Spill was not in a lined containment. Spill did not go offsite.

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QUESTIONS, Page 2

Action 464389

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 464389
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

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

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 04/10/2024
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QUESTIONS, Page 3

Action 464389

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 464389
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	11700
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	14390
GRO+DRO (EPA SW-846 Method 8015M)	14390
BTEX (EPA SW-846 Method 8021B or 8260B)	0.1
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	01/22/2024
On what date will (or did) the final sampling or liner inspection occur	01/29/2024
On what date will (or was) the remediation complete(d)	02/09/2024
What is the estimated surface area (in square feet) that will be reclaimed	1200
What is the estimated volume (in cubic yards) that will be reclaimed	222
What is the estimated surface area (in square feet) that will be remediated	1200
What is the estimated volume (in cubic yards) that will be remediated	222
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 4

Action 464389

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 464389
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	R360 ARTESIA LLC LANDFARM [FEEM0112340644]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	No
OR is the off-site disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 04/10/2024
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 464389

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 464389
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

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

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QUESTIONS, Page 6

Action 464389

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 464389
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	308772
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/31/2024
What was the (estimated) number of samples that were to be gathered	7
What was the sampling surface area in square feet	1200

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	1200
What was the total volume (cubic yards) remediated	222
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	1200
What was the total volume (in cubic yards) reclaimed	222
Summarize any additional remediation activities not included by answers (above)	see report
<i>The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dvn.com Date: 04/10/2024

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 7

Action 464389

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 464389
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Reclamation Report	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	1202
What was the total volume of replacement material (in cubic yards) for this site	222
<i>Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.</i>	
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseeded commence(d)	12/01/2045
Summarize any additional reclamation activities not included by answers (above)	Initial Sampling was completed; Excavated to 5', collected confirmation samples. Collected backfill samples
<i>The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseeded plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dmv.com Date: 05/19/2025

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

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QUESTIONS, Page 8

Action 464389

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 464389
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Revegetation Report	
<i>Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.</i>	
Requesting a restoration complete approval with this submission	No
<i>Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete.</i>	

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Santa Fe, NM 87505

CONDITIONS

Action 464389

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 464389
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	The reclamation report has been approved pursuant to 19.15.29.13 E. NMAC. The acceptance of this 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; or if the location fails to revegetate properly. In addition, the OCD approval does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.	6/6/2025