District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

)

Page 1 of 128

Incident ID	
District RP	
Facility ID	
Application ID	

# **Release Notification**

# **Responsible Party**

Responsible Party	OGRID
Contact Name	Contact Telephone
Contact email	Incident # (assigned by OCD)
Contact mailing address	

# **Location of Release Source**

Longitude \_\_\_\_\_\_

Latitude	
	(NAD 83 in

Site Name	Site Type
Date Release Discovered	API# (if applicable)

Unit Letter	Section	Township	Range	County

Surface Owner: State Federal Tribal Private (Name: \_

# Nature and Volume of Release

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

Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l?	Yes No
Condensate	Volume Released (bbls)	Volume Recovered (bbls)
Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)
Cause of Release		

Page	1
rage	4

## Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the responsible party consider this a major release?
Yes No	
If YES, was immediate no	otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?

# **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.

The impacted area has been secured to protect human health and the environment.

Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.

All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

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

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

Printed Name:	Title:
Signature: Kendra Ruiz	Date:
email:	Telephone:
OCD Only	
Received by: Jocelyn Harimon	Date: 04/27/2022

•

2 - 20	and the second second	bls) Calculator Outputs in red
Col	ntaminated So	oil measurement
Area (squ	are feet)	Depth(inches)
<u>4595</u> .	.723	0.250
Cubic Feet of S	Soil Impacted	<u>95.744</u>
Barrels of So	il Impacted	<u>17.07</u>
Soil T	ype	Sand
Barrels of Oil Assuming 100% Saturation		<u>3.41</u>
Saturation	Fluid prese	ent with shovel/backhoe
Estimated Barrels of Oil Released		3.41
	Free Standin	g Fluid Only
Area (square feet)		Depth(inches)
Q		0.000
Standing fluid		0.000
Total fluids spilled		<u>3.413</u>

Spill Volume(Bbls) Calculator Inputs in blue, Outputs in red		
100		Coll measurement
Area (squ	are feet)	Depth(inches)
<u>3067.</u>	748	0.250
Cubic Feet of S	oil Impacted	<u>63.911</u>
Barrels of So	il Impacted	<u>11.39</u>
Soil T	ype	Sand
Barrels of Oil Assuming 100% Saturation		2.28
Saturation	Fluid pres	sent with shovel/backhoe
Estimated Barrels of Oil Released		2.28
Free Standing Fluid Only		ng Fluid Only
Area (square feet)		Depth(inches)
Q		<u>0.000</u>
Standing fluid		<u>0.000</u>
Total fluids spilled		<u>2.278</u>

77		bls) Calculator Outputs in red		
		il measurement		
Area (squa	are feet)	Depth(inches)		
2372.	752	0.250		
Cubic Feet of S	oil Impacted	49.432		
Barrels of Soi	I Impacted	8.81		
Soil T	ype	Sand		
Barrels of Oil 100% Sat	-	<u>1.76</u>		
Saturation	Fluid prese	ent with shovel/backhoe		
Estimated Ba	CONTRACTOR CONTRACTOR	1.76		

Released	1.76
Free Standin	g Fluid Only
Area (square feet)	Depth(inches)
<u>0</u>	0.000
Standing fluid	0.000
Total fluids spilled	<u>1.762</u>

		Bbls) Calculator Outputs in red		
		oil measurement		
Area (squa	are feet)	Depth(inches)		
<u>77.</u>	26	<u>0.500</u>		
Cubic Feet of S	oil Impacted	<u>3.219</u>		
Barrels of So	il Impacted	0.57		
Soil T	ype	Sand		
Barrels of Oi 100% Sat		<u>0.11</u>		
Saturation	Fluid pres	sent with shovel/backhoe		
Estimated Ba Relea		0.11		
	Free Standi	ng Fluid Only		
Area (squa	are feet)	Depth(inches)		
<u>0</u>		0.000		
Standin	g fluid	0.000		
Total fluid	s spilled	<u>0.115</u>		



# **REMEDIATION CLOSURE REPORT**

Incident ID:NAPP2209658720

# Bell Lake 24 Fed #1H

API: 30-025-41182

Prepared By: Pima Environmental Services, LLC

Prepared For: Devon Energy Production, LP

August 21, 2024 Pima Environmental Services, LLC 5614 N Lovington Hwy, Hobbs, NM 88240

Released to Imaging: 9/23/2024 10:56:42 AM

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





August 21, 2024

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

#### Re: Site Assessment, Remediation, and Closure Report Bell Lake 24 Fed #1H API No. 30-025-41182 GPS: Latitude 32.196316 Longitude -103.634958 UL - M, Section 24, T24S, R32E Lea County, NM NMOCD Ref. No. NAPP2209658720

Pima Environmental Services, LLC. (Pima) has been contracted by Devon Energy Production Company, LP (Devon) to prepare this Site Assessment, Remediation, and Closure Report for a crude oil and produced water release that occurred at the Bell Lake 24 Fed #1H (Bell Lake). The incident was assigned incident NAPP2209658720 on April 27, 2022, by the New Mexico Oil Conservation Division (NMOCD).

#### Site Characterization

The Bell Lake is located approximately twenty-six (26) miles west of Jal, NM. This spill site is in Unit M, Section 24, Township 24S, Range 32E, Latitude 32.196316 Longitude -103.634958, Lea County, NM. Figure 1 references a Location Map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is made up of Interlayered eolian sands and piedmont-slope deposits along the eastern flank of the Pecos River valley, primarily between Roswell and Carlsbad. Typically capped by thin eolian deposits. The soil in this area is made up of Pyote and Maljamar fine sands, 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). Reference Figure 2 for a Topographic Map.

Based on the well water data from the New Mexico Office of the State Engineer water well (C-04622-POD 1), the depth to the nearest groundwater in this vicinity measures 55 feet below grade surface (BGS), positioned at 0.44 miles from the Bell Lake. This well was drilled on June 7, 2022. Conversely, as per the United States Geological Survey well water data (USGS321005103402301), the nearest groundwater depth in this region is recorded at 290 feet BGS, situated approximately 2.72 miles away from the Bell Lake, with the last gauge conducted in 2012 (Appendix A).

Table 1 NMAC and Closure Criteria 19.15.29										
Depth to Groundwater	Constituent & Limits									
(Appendix A)	Chlorides	Total TPH	GRO+DRO	BTEX	Benzene					
<50'	600 mg/kg	100 mg/kg		50 mg/kg	10 mg/kg					
51-100' (C-04622-POD 1)	10,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg					
>100'	20,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg					

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



#### **Release Information**

**NAPP2209658720:** On April 6, 2022, a well casing needed to bleed down for the pulling unit. Found that the 4H vessel had popped off and sprayed fluid into the field, off the pad. The release did not stay on pad. The released fluids were calculated to be approximately 3 barrels (bbls) of crude oil and approximately 3 barrels (bbls) of produce water. No fluids were able to be recovered.

#### **Remediation Activities, Site Assessment, and Soil Sampling Results**

On November 28, 2023, Pima mobilized personnel to the site to collect soil samples from the spill area using a hand auger. Each of these was a composite sample consisting of material collected at surface, 1', 2', 3', and 4' below ground surface (BGS) from each sample point. The laboratory results of these sampling events are provided in the following data table. A site map is available in Figure 4.

NMO	DCD Table 1		Criteria 19.1 /ON ENERG		<u> </u>		ater is 51-100	')					
		DE	VON ENERG	T - BELL D	AKE 24 FED	111							
Sample Date:	ample Date: 11-28-2023 NM Approved Laboratory Results												
Sample ID	Depth	BTEX	Benzene	GRO	DRO	MRO	Total TPH	CI					
	(BGS)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg					
	1'	ND	ND	ND	ND	ND	0	ND					
S-1	2'	ND	ND ND	ND ND	ND ND	ND ND	0	297 154					
-	3' 4'	ND ND	ND	ND	ND	ND	0	134					
	1'	ND	ND	ND	ND	ND	ő	370					
ŀ	2'	ND	ND	ND	ND	ND	ő	239					
S-2	3'	ND	ND	ND	ND	ND	ő	145					
-	4'	ND	ND	ND	ND	ND	ŏ	144					
	1'	ND	ND	ND	ND	ND	ŏ	1510					
	2'	ND	ND	ND	ND	ND	0	1040					
S-3	3'	ND	ND	ND	ND	ND	0	892					
1	4'	ND	ND	ND	37.9	ND	37.9	415					
	1'	ND	ND	ND	ND	ND	0	ND					
S-4	2'	ND	ND	ND	ND	ND	0	256					
	3'	ND	ND	ND	ND	ND	0	201					
ľ	4'	ND	ND	ND	ND	ND	0	144					
	1'	ND	ND	ND	ND	ND	0	ND					
S-5	2'	ND	ND	ND	ND	ND	0	253					
5-5	3'	ND	ND	ND	ND	ND	0	175					
ľ	4'	ND	ND	ND	ND	ND	0	162					
	1'	ND	ND	ND	ND	ND	0	ND					
	2'	ND	ND	ND	ND	ND	0	279					
S-6	3'	ND	ND	ND	ND	ND	0	240					
1	4'	ND	ND	ND	ND	ND	0	191					
SW1 COMP	0-4'	ND	ND	ND	ND	ND	0	ND					
SW2 COMP	0-4'	ND	ND	ND	ND	ND	0	ND					
SW3 COMP	0-4'	ND	ND	ND	ND	ND	0	ND					
SW4 COMP	0-4'	ND	ND	ND	ND	ND	0	ND					
SW5 COMP	0-4'	ND	ND	ND	ND	ND	0	ND					
SW6 COMP	0-4'	ND	ND	ND	ND	ND	0	ND					
SW7 COMP	0-4'	ND	ND	ND	ND	ND	0	ND					
SW8 COMP	0-4'	ND	ND	ND	ND	ND	0	ND					
BG1	6"	ND	ND	ND	ND	ND	0	ND					

ND- Analyte Not Detected

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



#### Countermeasures Due to Rejection application ID:355216

The prior report faced rejection due to concerns raised by the NMOCD. The summary of rejection outlined the following reasons:

- 1. All sidewalls in report are reported from 0-4'. This infers that 5-point composite samples were taken from the walls of the excavation.
  - On July 19, 2024, after sending a 48-hour notification (application ID: 364819, Appendix C), Pima returned to the site to collect 5-point confirmation samples from the excavation. The 5-point composite samples were taken from the exposed excavation sidewalls and bottom samples were collected at 6 inches deep.
- 2. Pictures of the excavation will need to be included in the report. Not sure what the report means by, "Post Remediation-raked and blended with the surrounding surface soil." The excavation should be back filled with clean material, not blended with surrounding surface soil. Any areas that were blended with surface soil will need to be resampled.
  - Initially, the area was raked to remove surface staining. After the rejection, Devon Construction returned to the site and excavated to a depth of 6 inches. Clean backfill material was brought in from Lea Land LLC. New photographs of the excavation, which took place on July 1, 2024, have been attached in Appendix D.

#### **Remediation Activities**

On July 1, 2024, the Devon Construction Department mobilized personnel and equipment to initiate immediate remediation activities. They began excavating the area to a depth of 6" foot below ground surface (BGS). A total of 2 cubic yards of contaminated soil was hauled to Lea Land LLC, an approved, lined disposal facility and clean backfill material was brought in.

On July 19, 2024, after sending a 48-hour notification (application ID: 364819, Appendix C), Pima returned to the site to collect 5-point confirmation sample from the excavation. The 5-point composite sample was taken from the exposed excavation sidewalls and bottom samples were collected at 6 inches deep. All samples were put on ice, jarred, and delivered to Envirotech Analytical Laboratories, an NMOCD-approved laboratory for official analysis for all constituents listed in Table 1 19.15.29.12 NMAC. The results of this sampling event can be seen in the following data table. A corresponding Confirmation. Sample Map can be found in Figure 5.

NIV	NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')											
DEVON ENERGY Bell Lake 24 Fed #1H Date: 7-19-24 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	6" Bottom	ND	ND	ND	ND	ND	0	ND				
CSW1	0-6"	ND	ND	ND	ND	ND	0	ND				
CSW2	0-6"	ND	ND	ND	ND	ND	0	ND				
CSW3	0-6"	ND	ND	ND	ND	ND	0	ND				
CSW4	0-6"	ND	ND	ND	ND	ND	0	ND				

#### 7-19-24 Confirmation Sample Results

ND- Analyte Not Detected

Complete Laboratory Reports can be found in Appendix E.

Based on the sample results, the bottoms and sidewalls were below NMOCD Closure Criteria 19.15.29 NMAC. The contaminated material was sufficiently removed and then transported to Lea Land LLC, an NMOCD approved disposal site. See Appendix D for Photographic Documentation.

Received by OCD: 8/25/2024 1:35:04 PM

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



#### Closure Request

After careful review, Pima requests that this incident, NAPP2209658720, be closed. Devon has complied with the applicable closure requirements set forth in rule 19.15.19.12 NMAC.

Should you have any questions or need additional information, please feel free to contact Gio Gomez at 806-782-1151 or gio@pimaoil.com.

Respectfully,

Gic Gomez

Gio Gomez Project Manager Pima Environmental Services, LLC

#### **Attachments**

Figures:

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

Appendices:

- Appendix A Referenced Water Surveys
- Appendix B Soil Survey, Geologic Data, FEMA, and Wetlands Map

Appendix C – 48 Hour Notification

- Appendix D Photographic Documentation
- Appendix E Laboratory Reports



# Figures:

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









# Received by OCD: 8/25/2024 1:35:04 PM Bell Lake 24 Fed 1H

Devon Energy API:30-025-41182 Lea County, NM Confirmation Sample Map Legend

- Bell Lake 24 Fed #1
- Confirmation Samples

Page 15 of 128

# Bell Lake 24 Fed #1 🗧

CSW1

CS CSW4

CSW3 🔍



Google Earth

 $\mathbb{N}$ 



# Appendix A

Water Surveys: OSE USGS Surface Water Map

	W	/ate						00	v		e Engine <b>pth to</b>	<sup>er</sup> Water	
(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)	(R=POD replaced, O=orpha C=the file closed)	ned,	l		1			V 2=NE est to la	3=SW 4=SI rgest) (N	E) IAD83 UTM in n	neters)	(In feet)	
		Sub-		Q	QQ	2							Water
POD Number	Code	basin	County	64	16 4	I Sec	: Tws	Rng	Х	Y	DistanceDepth	WellDepthWater	Column
<u>C 04622 POD1</u>		CUB	LE	3	3 4	4 24	24S	32E	629436	3563006 🌍	770		
<u>C 04768 POD1</u>		CUB	LE	3	3 4	4 19	24S	33E	631048	3563110 🌍	2383	55	
										Avera	ge Depth to Water:		
											Minimum Depth	n:	
											Maximum Depth		
Record Count: 2													
UTMNAD83 Radius	Search (in	<u>meters)</u>	<u>:</u>										
Easting (X): 628	6666.2		North	ning	(Y):	356	3012.3	4		<b>Radius:</b> 3000			

5/16/24 10:58 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER

	Point of Diversion Summary											
quarters are 1=NW 2=NE 3=SW 4=SE quarters are smallest to largest NAD83 UTM in meters												
Well T	ag	POD	Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Мар
NA		C 046	22 POD1	SW	SW	SE	24	24S	32E	629436.4	3563006.8	•
* UTM lo	ocation	was de	erived from I	PLSS - see H	elp							
Driller	Licen	ıse:	1249	Dri	ller Compar	<b>ıy:</b> AT	KINS E	NGINEE	RING A	SSOC. INC.		
Driller	Nam	e:	JACKIE A	TKINS								
Drill S	rill Start Date: 2022-06-07 Drill Finish Date: 2022-06-07							Plug Date:				
Log Fi	le Dat	te:	2022-06	-16 <b>PC</b>	N Rcv Date:	:					Source:	
Pump	Туре:	•		Рір	e Discharge	e Size:					Estimated Y	ield:
Casing	g Size:	:		Dej	oth Well:						Depth Wate	er:
Casin	g Pe	erfoi	rations	:								
Тор	Botto	om										
0	55											

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

8/19/24 3:31 PM MST

**Point of Diversion Summary** 

.

©2024 New Mexico Office of the State Engineer, All Rights Reserved. | Disclaimer | Contact Us | Help | Home |

**Released to Imaging: 9/23/2024 10:56:42 AM** 



USGS Home Contact USGS Search USGS



National Water Information System: Web Interface

USGS Water Resources	Data Category:	Geographic Area:	
USUS Water Resources	Groundwater V	United States	✓ GO

# Click to hideNews Bulletins

- Explore the *NEW* <u>USGS National Water Dashboard</u> interactive map to access real-time water data from over 13,500 stations nationwide.
- Full News 🔊

Groundwater levels for the Nation

Important: <u>Next Generation Monitoring Location Page</u>

# 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 V 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 (N99990THER) national aquifer. This well is completed in the Ogallala Formation (1210GLL) local aquifer.

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



USGS 321236103350101 245.33E.17.444414

- Period of approved data

Breaks in the plot represent a gap of at least one year between field measurements. Download a presentation-quality graph

Questions about sites/data? Feedback on this web site Automated retrievals Help Data Tips Explanation of terms

## Subscribe for system changes News

Accessibility FOIA Privacy Policies and Notices

U.S. Department of the Interior | U.S. Geological Survey Title: Groundwater for USA: Water Levels URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

Page Contact Information: USGS Water Data Support Team Page Last Modified: 2023-02-28 11:46:18 EST 0.58 0.49 nadww02





Received by OCD: 8/25/2024 1:35:04 PM Bell Lake 24 Fea #11

· Cast

10

128

Devon Energy API: 30-025-41182 Lea County, NM Surface Water Map

Sel ...

-

Legend<sup>4</sup> of 128 2.07 Miles Feature 1

-

128

N

A 34 9 8 9 9 0

2 mi

2 B J

-3-

128

Salt Playa

Bell Lake 24 Fed #1H

128

Google Earth/2024 10:56:42 AM



# Appendix B

Soil Survey Geologic Data FEMA Flood Map Wetlands Map

# Lea County, New Mexico

## PU—Pyote and Maljamar fine sands

## Map Unit Setting

National map unit symbol: dmqq Elevation: 3,000 to 3,900 feet Mean annual precipitation: 10 to 12 inches Mean annual air temperature: 60 to 62 degrees F Frost-free period: 190 to 205 days Farmland classification: Not prime farmland

## **Map Unit Composition**

Pyote and similar soils: 46 percent Maljamar and similar soils: 44 percent Minor components: 10 percent Estimates are based on observations, descriptions, and transects of the mapunit.

## **Description of Pyote**

#### Setting

Landform: Plains Landform position (three-dimensional): Rise Down-slope shape: Linear Across-slope shape: Linear Parent material: Sandy eolian deposits derived from sedimentary rock

## **Typical profile**

A - 0 to 30 inches: fine sand Bt - 30 to 60 inches: fine sandy loam

## **Properties and qualities**

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Negligible
Capacity of the most limiting layer to transmit water (Ksat): High (2.00 to 6.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 5 percent
Gypsum, maximum content: 1 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: Low (about 5.1 inches)

## Interpretive groups

Land capability classification (irrigated): 6e

Land capability classification (nonirrigated): 7s Hydrologic Soil Group: A Ecological site: R070BD003NM - Loamy Sand Hydric soil rating: No

#### **Description of Maljamar**

### Setting

Landform: Plains Landform position (three-dimensional): Rise Down-slope shape: Linear Across-slope shape: Linear Parent material: Sandy eolian deposits derived from sedimentary rock

#### **Typical profile**

A - 0 to 24 inches: fine sand Bt - 24 to 50 inches: sandy clay loam Bkm - 50 to 60 inches: cemented material

#### Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 40 to 60 inches to petrocalcic
Drainage class: Well drained
Runoff class: Very low
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 5.6 inches)

## Interpretive groups

Land capability classification (irrigated): 6e Land capability classification (nonirrigated): 7e Hydrologic Soil Group: B Ecological site: R070BD003NM - Loamy Sand Hydric soil rating: No

## **Minor Components**

## Kermit

*Percent of map unit:* 10 percent *Ecological site:* R070BC022NM - Sandhills



Hydric soil rating: No

# **Data Source Information**

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





USDA Natural Resources Conservation Service Released to Imaging: 9/23/2024 10:56:42 AM Web Soil Survey National Cooperative Soil Survey 5/17/2024 Page 1 of 3





# Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
PU	Pyote and Maljamar fine sands	6.5	100.0%
Totals for Area of Interest	·	6.5	100.0%





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

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

- / Online Spatial Data (/) / Geology (/geology/) / by state (/geology/state/)
- / New Mexico (/geology/state/state.php?state=NM)

# Eolian and piedmont deposits

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

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

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

State	New Mexico (/geology/state/state.php?state=NM)
Name	Eolian and piedmont deposits
Geologic age	Holocene to middle Pleistocene
Lithologic constituents	Major Unconsolidated (Eolian) 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) |

Accessibility (https://www2.usgs.gov/laws/accessibility.html) | Site Map (https://www.usgs.gov/sitemap.html) |

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

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

# Received by OCD: 8/25/2024 1:35:04 PM National Flood Hazard Layer FIRMette



# Legend

Page 35 of 128



Releasea to Imaging: 9/23/2024 90.956:42 AM 1,500

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

# National Wetlands Inventory

# Wetlands Map



## February 28, 2023

#### Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Forested/Shrub Wetland **Freshwater Pond**

Freshwater Emergent Wetland

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

Released to Imaging: 9/23/2024 10:56:42 AM

National Wetlands Inventory (NWI) This page was produced by the NWI mapper


## Appendix C

**48-Hour Notification** 

## lynsey@pimaoil.com

From:	Woodall, Dale <dale.woodall@dvn.com></dale.woodall@dvn.com>
Sent:	Wednesday, July 17, 2024 9:37 AM
То:	Lynsey Pima Oil; 'Gio PimaOil'
Subject:	FW: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 364819

Dale Woodall Environmental Professional Hobbs, NM Office: 575-748-1838 Mobile: 405-318-4697 Dale.Woodall@dvn.com

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Wednesday, July 17, 2024 9:36 AM
To: Woodall, Dale <Dale.Woodall@dvn.com>
Subject: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 364819

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

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2209658720.

The sampling event is expected to take place:

When: 07/19/2024 @ 10:00 Where: M-24-24S-32E 200 FSL 680 FWL (32.196434,-103.6347809)

Additional Information: Andrew Franco -806-200-0054

**Additional Instructions:** From the intersection of NM 128 and County Rd 2, travel west on NM 128 for 3.11 miles, turn South on Lease Rd for 1.10 miles, turn west on Lease Rd for 0.84 of a mile, turn North onto location on the left.

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

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

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

## New Mexico Energy, Minerals and Natural Resources Department

1220 South St. Francis Drive Santa Fe, NM 87505

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



## Appendix D

Photographic Documentation



## **PHOTOGRAPHIC DOCUMENTATION**

## SITE NAME: Bell Lake 24 Fed 1H

## **PHOTO LOG TYPE: Assessment**





Assessment of the release adjacent to the tanks

Site sign information



Assessment of the release adjacent to the tanks



Assessment of the over spray adjacent to the tanks

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

#### Received by OCD: 8/25/2024 1:35:04 PM Pima Environmental Services, LLC.





Assessment of the release adjacent to the tanks



Assessment off pad.



Assessment over sprayed off pad.



Assessment over sprayed off pad.

# Page 43 of 128





Image capturing the excavation facing activities West.



Image capturing the excavation activities facing Northeast.



Image capturing the excavation activities facing Northeast.



Image capturing the excavation activities facing Northeast.





Image capturing the excavation activities Northwest.



Image capturing the excavation activities facing Southeast



## Post Excavation



Photo showing the excavation completed and backfilled with clean material facing West.



Photo showing the excavation completed and backfilled with clean material facing Southeast.



Photo showing the excavation completed and backfilled with clean material facing East.



## Appendix E

Laboratory Reports



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 24 Fed. 1H

Work Order: E311230

Job Number: 01058-0007

Received: 11/30/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 12/6/23

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Date Reported: 12/6/23

Tom Bynum PO Box 247 Plains, TX 79355-0247

Project Name: Bell lake 24 Fed. 1H Workorder: E311230 Date Received: 11/30/2023 7:30:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/30/2023 7:30:00AM, under the Project Name: Bell lake 24 Fed. 1H.

The analytical test results summarized in this report with the Project Name: Bell lake 24 Fed. 1H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding 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

Field Offices:

Southern New Mexico Area Lynn Jarboe Laboratory Technical Representative Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com Alexa Michaels Sample Custody Officer Office: 505-632-1881 labadmin@envirotech-inc.com

Michelle Golzales Client Representative Office: 505-421-LABS(5227) Cell: 505-947-8222 mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com



Page 48 of 128

•

## Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
S1-1'	6
S1-2'	7
S1-3'	8
S1-4'	9
S2-1'	10
S2-2'	11
S2-3'	12
S2-4'	13
S3-1'	14
S3-2'	15
S3-3'	16
S3-4'	17
S4-1'	18
S4-2'	19
S4-3'	20
S4-4'	21
S5-1'	22
S5-2'	23
S5-3'	24
S5-4'	25

•

## Table of Contents (continued)

QC Summary Data	26
QC - Volatile Organic Compounds by EPA 8260B	26
QC - Nonhalogenated Organics by EPA 8015D - GRO	27
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	28
QC - Anions by EPA 300.0/9056A	29
Definitions and Notes	30
Chain of Custody etc.	31

## Sample Summarv

		Sample Sum	mary		
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	Bell lake 24 Fed. 11 01058-0007 Tom Bynum	Η	<b>Reported:</b> 12/06/23 15:00
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
51-1'	E311230-01A	Soil	11/28/23	11/30/23	Glass Jar, 2 oz.
11-2'	E311230-02A	Soil	11/28/23	11/30/23	Glass Jar, 2 oz.
1-3'	E311230-03A	Soil	11/28/23	11/30/23	Glass Jar, 2 oz.
51-4'	E311230-04A	Soil	11/28/23	11/30/23	Glass Jar, 2 oz.
32-1'	E311230-05A	Soil	11/28/23	11/30/23	Glass Jar, 2 oz.
2-2'	E311230-06A	Soil	11/28/23	11/30/23	Glass Jar, 2 oz.
2-3'	E311230-07A	Soil	11/28/23	11/30/23	Glass Jar, 2 oz.
2-4'	E311230-08A	Soil	11/28/23	11/30/23	Glass Jar, 2 oz.
3-1'	E311230-09A	Soil	11/28/23	11/30/23	Glass Jar, 2 oz.
3-2'	E311230-10A	Soil	11/28/23	11/30/23	Glass Jar, 2 oz.
3-3'	E311230-11A	Soil	11/28/23	11/30/23	Glass Jar, 2 oz.
3-4'	E311230-12A	Soil	11/28/23	11/30/23	Glass Jar, 2 oz.
4-1'	E311230-13A	Soil	11/28/23	11/30/23	Glass Jar, 2 oz.
4-2'	E311230-14A	Soil	11/28/23	11/30/23	Glass Jar, 2 oz.
4-3'	E311230-15A	Soil	11/28/23	11/30/23	Glass Jar, 2 oz.
4-4'	E311230-16A	Soil	11/28/23	11/30/23	Glass Jar, 2 oz.
5-1'	E311230-17A	Soil	11/28/23	11/30/23	Glass Jar, 2 oz.
5-2'	E311230-18A	Soil	11/28/23	11/30/23	Glass Jar, 2 oz.
5-3'	E311230-19A	Soil	11/28/23	11/30/23	Glass Jar, 2 oz.
5-4'	E311230-20A	Soil	11/28/23	11/30/23	Glass Jar, 2 oz.



		mpie D				
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Project Number Project Manage		lake 24 Fed 58-0007 Bynum	. 1H		<b>Reported:</b> 12/6/2023 3:00:15PM
		S1-1'				
	I	E311230-01				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: RKS		Batch: 2348089
Benzene	ND	0.0250	1	11/30/23	12/01/23	
Ethylbenzene	ND	0.0250	1	11/30/23	12/01/23	
Toluene	ND	0.0250	1	11/30/23	12/01/23	
p-Xylene	ND	0.0250	1	11/30/23	12/01/23	
o,m-Xylene	ND	0.0500	1	11/30/23	12/01/23	
Total Xylenes	ND	0.0250	1	11/30/23	12/01/23	
Surrogate: Bromofluorobenzene		103 %	70-130	11/30/23	12/01/23	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130	11/30/23	12/01/23	
Surrogate: Toluene-d8		112 %	70-130	11/30/23	12/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: RKS		Batch: 2348089
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/30/23	12/01/23	
Surrogate: Bromofluorobenzene		103 %	70-130	11/30/23	12/01/23	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130	11/30/23	12/01/23	
Surrogate: Toluene-d8		112 %	70-130	11/30/23	12/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	I	Analyst: JL		Batch: 2349002
Diesel Range Organics (C10-C28)	ND	25.0	1	12/04/23	12/05/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/04/23	12/05/23	
Surrogate: n-Nonane	ł	81.3 %	50-200	12/04/23	12/05/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	I	Analyst: BA		Batch: 2349016
Chloride	ND	20.0	1	12/04/23	12/04/23	





	S	Sample Da	ata			
Pima Environmental Services-Carlsbad PO Box 247	Project Name Project Num	ber: 0105	lake 24 Fed. 1H 8-0007	[		<b>Reported:</b> 12/6/2023 3:00:15PM
Plains TX, 79355-0247	Project Mana	-	Bynum			12/0/2023 5:00:13PM
		S1-2'				
		E311230-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2348089
Benzene	ND	0.0250	1	11/30/23	12/01/23	
Ethylbenzene	ND	0.0250	1	11/30/23	12/01/23	
Toluene	ND	0.0250	1	11/30/23	12/01/23	
p-Xylene	ND	0.0250	1	11/30/23	12/01/23	
p,m-Xylene	ND	0.0500	1	11/30/23	12/01/23	
Total Xylenes	ND	0.0250	1	11/30/23	12/01/23	
Surrogate: Bromofluorobenzene		102 %	70-130	11/30/23	12/01/23	
Surrogate: 1,2-Dichloroethane-d4		99.4 %	70-130	11/30/23	12/01/23	
Surrogate: Toluene-d8		114 %	70-130	11/30/23	12/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2348089
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/30/23	12/01/23	
Surrogate: Bromofluorobenzene		102 %	70-130	11/30/23	12/01/23	
Surrogate: 1,2-Dichloroethane-d4		99.4 %	70-130	11/30/23	12/01/23	
Surrogate: Toluene-d8		114 %	70-130	11/30/23	12/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	vst: JL		Batch: 2349002
Diesel Range Organics (C10-C28)	ND	25.0	1	12/04/23	12/05/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/04/23	12/05/23	
Surrogate: n-Nonane		81.8 %	50-200	12/04/23	12/05/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2349016
Chloride	297	20.0	1	12/04/23	12/04/23	



	S	ample D	ata				
Pima Environmental Services-Carlsbad	Project Name	e: Bell	lake 24 Fe	ed. 1H			
PO Box 247	Project Numb		58-0007				Reported:
Plains TX, 79355-0247	Project Mana	ger: Tom	Bynum				12/6/2023 3:00:15PM
		<b>S1-3'</b>					
		E311230-03					
		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: R	KS		Batch: 2348089
Benzene	ND	0.0250		1	11/30/23	12/01/23	
Ethylbenzene	ND	0.0250		1	11/30/23	12/01/23	
Toluene	ND	0.0250		1	11/30/23	12/01/23	
p-Xylene	ND	0.0250		1	11/30/23	12/01/23	
o,m-Xylene	ND	0.0500		1	11/30/23	12/01/23	
Total Xylenes	ND	0.0250	-	1	11/30/23	12/01/23	
Surrogate: Bromofluorobenzene		102 %	70-130		11/30/23	12/01/23	
Surrogate: 1,2-Dichloroethane-d4		108 %	70-130		11/30/23	12/01/23	
Surrogate: Toluene-d8		108 %	70-130		11/30/23	12/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: R	KS		Batch: 2348089
Gasoline Range Organics (C6-C10)	ND	20.0		1	11/30/23	12/01/23	
Surrogate: Bromofluorobenzene		102 %	70-130		11/30/23	12/01/23	
Surrogate: 1,2-Dichloroethane-d4		108 %	70-130		11/30/23	12/01/23	
Surrogate: Toluene-d8		108 %	70-130		11/30/23	12/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORC	mg/kg	mg/kg		Analyst: JL			Batch: 2349002
Diesel Range Organics (C10-C28)	ND	25.0		1	12/04/23	12/05/23	
Dil Range Organics (C28-C36)	ND	50.0	-	1	12/04/23	12/05/23	
Surrogate: n-Nonane		81.0 %	50-200		12/04/23	12/05/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: B.	A		Batch: 2349016

20.0

1

12/04/23

12/04/23

154

Chloride



	S	Sample D	ata				
Pima Environmental Services-Carlsbad	Project Nam	e: Bell	lake 24 F	ed. 1H			
PO Box 247	Project Num	ber: 0103	58-0007				Reported:
Plains TX, 79355-0247	Project Mana	ager: Tom	Bynum				12/6/2023 3:00:15PM
		S1-4'					
		E311230-04					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	RKS		Batch: 2348089
Benzene	ND	0.0250		1	11/30/23	12/01/23	
Ethylbenzene	ND	0.0250		1	11/30/23	12/01/23	
Toluene	ND	0.0250		1	11/30/23	12/01/23	
p-Xylene	ND	0.0250		1	11/30/23	12/01/23	
p,m-Xylene	ND	0.0500		1	11/30/23	12/01/23	
Total Xylenes	ND	0.0250		1	11/30/23	12/01/23	
Surrogate: Bromofluorobenzene		99.7 %	70-130		11/30/23	12/01/23	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		11/30/23	12/01/23	
Surrogate: Toluene-d8		113 %	70-130		11/30/23	12/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RKS		Batch: 2348089
Gasoline Range Organics (C6-C10)	ND	20.0		1	11/30/23	12/01/23	
Surrogate: Bromofluorobenzene		99.7 %	70-130		11/30/23	12/01/23	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		11/30/23	12/01/23	
Surrogate: Toluene-d8		113 %	70-130		11/30/23	12/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: JL		Batch: 2349002
Diesel Range Organics (C10-C28)	ND	25.0		1	12/04/23	12/05/23	
Oil Range Organics (C28-C36)	ND	50.0		1	12/04/23	12/05/23	
Surrogate: n-Nonane		78.4 %	50-200		12/04/23	12/05/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	BA		Batch: 2349016

1

12/04/23

12/04/23

Chloride 149 20.0



	S	ample D	ata				
Pima Environmental Services-Carlsbad	Project Name	e: Bell	lake 24 Fee	d. 1H			
PO Box 247	Project Numl	ber: 0103	58-0007				Reported:
Plains TX, 79355-0247	Project Mana	ager: Tom		12/6/2023 3:00:15PM			
		S2-1'					
		E311230-05					
		Reporting					
Analyte	Result	Limit	Dilu	ition Pr	epared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS			Batch: 2348089
Benzene	ND	0.0250	1	1 11	/30/23	12/01/23	
Ethylbenzene	ND	0.0250	1	1 11	/30/23	12/01/23	
Toluene	ND	0.0250	1	1 11	/30/23	12/01/23	
p-Xylene	ND	0.0250	1	1 11	/30/23	12/01/23	
p,m-Xylene	ND	0.0500	1	1 11	/30/23	12/01/23	
Total Xylenes	ND	0.0250	1	1 11	/30/23	12/01/23	
Surrogate: Bromofluorobenzene		102 %	70-130	11	/30/23	12/01/23	
Surrogate: 1,2-Dichloroethane-d4		95.5 %	70-130	11	/30/23	12/01/23	
Surrogate: Toluene-d8		113 %	70-130	11	/30/23	12/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS			Batch: 2348089
Gasoline Range Organics (C6-C10)	ND	20.0	1	1 11	/30/23	12/01/23	
Surrogate: Bromofluorobenzene		102 %	70-130	11	/30/23	12/01/23	
Surrogate: 1,2-Dichloroethane-d4		95.5 %	70-130	11	/30/23	12/01/23	
Surrogate: Toluene-d8		113 %	70-130	11	/30/23	12/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL			Batch: 2349002
Diesel Range Organics (C10-C28)	ND	25.0	1	1 12	/04/23	12/05/23	
Oil Range Organics (C28-C36)	ND	50.0	1	1 12	/04/23	12/05/23	
Surrogate: n-Nonane		76.8 %	50-200	12	/04/23	12/05/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: BA			Batch: 2349016

 Chloride
 370
 20.0
 1
 12/04/23
 12/04/23

	S	Sample D	ata				
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Num Project Mana	ber: 010	lake 24 F 58-0007 Bynum	ed. 1H			<b>Reported:</b> 12/6/2023 3:00:15PM
L		S2-2'					
		E311230-06					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	:: RKS		Batch: 2348089
Benzene	ND	0.0250		1	11/30/23	12/01/23	
Ethylbenzene	ND	0.0250		1	11/30/23	12/01/23	
Toluene	ND	0.0250		1	11/30/23	12/01/23	
p-Xylene	ND	0.0250		1	11/30/23	12/01/23	
p,m-Xylene	ND	0.0500		1	11/30/23	12/01/23	
Total Xylenes	ND	0.0250		1	11/30/23	12/01/23	
Surrogate: Bromofluorobenzene		99.6 %	70-130		11/30/23	12/01/23	
Surrogate: 1,2-Dichloroethane-d4		99.2 %	70-130		11/30/23	12/01/23	
Surrogate: Toluene-d8		115 %	70-130		11/30/23	12/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	:: RKS		Batch: 2348089
Gasoline Range Organics (C6-C10)	ND	20.0		1	11/30/23	12/01/23	
Surrogate: Bromofluorobenzene		99.6 %	70-130		11/30/23	12/01/23	
Surrogate: 1,2-Dichloroethane-d4		99.2 %	70-130		11/30/23	12/01/23	
Surrogate: Toluene-d8		115 %	70-130		11/30/23	12/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/OR(	) mg/kg	mg/kg		Analyst	:: JL		Batch: 2349002
Diesel Range Organics (C10-C28)	ND	25.0		1	12/04/23	12/05/23	
Oil Range Organics (C28-C36)	ND	50.0		1	12/04/23	12/05/23	
Surrogate: n-Nonane		78.1 %	50-200		12/04/23	12/05/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	:: BA		Batch: 2349016

 Chloride
 239
 20.0
 1
 12/04/23
 12/04/23



	S	Sample D	ata			
Pima Environmental Services-Carlsbad	5	Project Name: Bell lake 24 Fed. 1H				
PO Box 247	Project Num		58-0007			Reported:
Plains TX, 79355-0247	Project Mana	ager: Tom	Bynum			12/6/2023 3:00:15PM
		S2-3'				
		E311230-07				
		Reporting				
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	А	nalyst: RKS		Batch: 2348089
Benzene	ND	0.0250	1	11/30/23	12/01/23	
Ethylbenzene	ND	0.0250	1	11/30/23	12/01/23	
Toluene	ND	0.0250	1	11/30/23	12/01/23	
p-Xylene	ND	0.0250	1	11/30/23	12/01/23	
p,m-Xylene	ND	0.0500	1	11/30/23	12/01/23	
Total Xylenes	ND	0.0250	1	11/30/23	12/01/23	
Surrogate: Bromofluorobenzene		99.8 %	70-130	11/30/23	12/01/23	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130	11/30/23	12/01/23	
Surrogate: Toluene-d8		112 %	70-130	11/30/23	12/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	nalyst: RKS		Batch: 2348089
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/30/23	12/01/23	
Surrogate: Bromofluorobenzene		99.8 %	70-130	11/30/23	12/01/23	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130	11/30/23	12/01/23	
Surrogate: Toluene-d8		112 %	70-130	11/30/23	12/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	А	nalyst: JL		Batch: 2349002
Diesel Range Organics (C10-C28)	ND	25.0	1	12/04/23	12/05/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/04/23	12/05/23	
Surrogate: n-Nonane		79.5 %	50-200	12/04/23	12/05/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	А	analyst: BA		Batch: 2349016
Chloride	145	20.0	1	12/04/23	12/04/23	



	S	ample D	ata				
Pima Environmental Services-Carlsbad	Project Name	: Bell	lake 24 Fe	ed. 1H			
PO Box 247	Project Numb	oer: 010	58-0007				Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum				12/6/2023 3:00:15PM
		S2-4'					
		E311230-08					
		Reporting					
Analyte	Result	Limit	Dilu	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: I	RKS		Batch: 2348089
Benzene	ND	0.0250		1	11/30/23	12/01/23	
Ethylbenzene	ND	0.0250		1	11/30/23	12/01/23	
Toluene	ND	0.0250		1	11/30/23	12/01/23	
o-Xylene	ND	0.0250		1	11/30/23	12/01/23	
o,m-Xylene	ND	0.0500		1	11/30/23	12/01/23	
Fotal Xylenes	ND	0.0250		1	11/30/23	12/01/23	
Surrogate: Bromofluorobenzene		102 %	70-130		11/30/23	12/01/23	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		11/30/23	12/01/23	
Surrogate: Toluene-d8		113 %	70-130		11/30/23	12/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: I	RKS		Batch: 2348089
Gasoline Range Organics (C6-C10)	ND	20.0		1	11/30/23	12/01/23	
Surrogate: Bromofluorobenzene		102 %	70-130		11/30/23	12/01/23	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		11/30/23	12/01/23	
Surrogate: Toluene-d8		113 %	70-130		11/30/23	12/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORC	mg/kg	mg/kg		Analyst: J	IL.		Batch: 2349002
Diesel Range Organics (C10-C28)	ND	25.0		1	12/04/23	12/05/23	
Dil Range Organics (C28-C36)	ND	50.0		1	12/04/23	12/05/23	
urrogate: n-Nonane		79.9 %	50-200		12/04/23	12/05/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: I	ВА		Batch: 2349016
		<b>2</b> 0 0			10/04/02	10/04/00	

 Anions by EPA 300.0/9056A
 mg/kg
 mg/kg
 Analyst: BA

 Chloride
 144
 20.0
 1
 12/04/23
 12/04/23



	S	Sample D	ata			
Pima Environmental Services-Carlsbad	Project Nam	e: Bell	lake 24 Fed	1. 1H		
PO Box 247	Project Num	ber: 0103	58-0007			Reported:
Plains TX, 79355-0247	Project Mana	ager: Tom	Bynum			12/6/2023 3:00:15PM
		S3-1'				
		E311230-09				
		Reporting				
Analyte	Result	Limit	Dilu	tion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: RKS		Batch: 2348089
Benzene	ND	0.0250	1	11/30/23	12/01/23	
Ethylbenzene	ND	0.0250	1	11/30/23	12/01/23	
Toluene	ND	0.0250	1	11/30/23	12/01/23	
p-Xylene	ND	0.0250	1	11/30/23	12/01/23	
p,m-Xylene	ND	0.0500	1	11/30/23	12/01/23	
Total Xylenes	ND	0.0250	1	11/30/23	12/01/23	
Surrogate: Bromofluorobenzene		101 %	70-130	11/30/23	12/01/23	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130	11/30/23	12/01/23	
Surrogate: Toluene-d8		114 %	70-130	11/30/23	12/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: RKS		Batch: 2348089
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/30/23	12/01/23	
Surrogate: Bromofluorobenzene		101 %	70-130	11/30/23	12/01/23	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130	11/30/23	12/01/23	
Surrogate: Toluene-d8		114 %	70-130	11/30/23	12/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		Batch: 2349002				
Diesel Range Organics (C10-C28)	ND	25.0	1	12/04/23	12/05/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/04/23	12/05/23	
Surrogate: n-Nonane		76.8 %	50-200	12/04/23	12/05/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: BA		Batch: 2349016

 Chloride
 1510
 20.0
 1
 12/04/23
 12/04/23



	S	ample D	ata					
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Num Project Mana	ber: 010	lake 24 Fe 58-0007 1 Bynum	ed. 1H			<b>Reported:</b> 12/6/2023 3:00:15PM	
Tians 1A, 7555-0247	Tiojeet Mana	0	Dynum				12:0:2023 5:00:13110	
		S3-2' E311230-10						
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2348089	
Benzene	ND	0.0250		1	11/30/23	12/01/23		
Ethylbenzene	ND	0.0250		1	11/30/23	12/01/23		
Toluene	ND	0.0250		1	11/30/23	12/01/23		
-Xylene	ND	0.0250		1	11/30/23	12/01/23		
,m-Xylene	ND	0.0500		1	11/30/23	12/01/23		
Fotal Xylenes	ND	0.0250		1	11/30/23	12/01/23		
Surrogate: Bromofluorobenzene		100 %	70-130		11/30/23	12/01/23		
urrogate: 1,2-Dichloroethane-d4		98.9 %	70-130		11/30/23	12/01/23		
Surrogate: Toluene-d8		113 %	70-130		11/30/23	12/01/23		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2348089	
Gasoline Range Organics (C6-C10)	ND	20.0		1	11/30/23	12/01/23		
'urrogate: Bromofluorobenzene		100 %	70-130		11/30/23	12/01/23		
urrogate: 1,2-Dichloroethane-d4		98.9 %	70-130		11/30/23	12/01/23		
lurrogate: Toluene-d8		113 %	70-130		11/30/23	12/01/23		
Nonhalogenated Organics by EPA 8015D - DRO/ORO mg/kg mg/kg Analyst: JL								
Diesel Range Organics (C10-C28)	ND	25.0		1	12/04/23	12/05/23		
Dil Range Organics (C28-C36)	ND	50.0		1	12/04/23	12/05/23		
Surrogate: n-Nonane		76.6 %	50-200		12/04/23	12/05/23		
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2349016	

 Chloride
 1040
 20.0
 1
 12/04/23
 12/04/23



	S	Sample D	ata				
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Nam Project Num Project Man	iber: 0105	lake 24 Fec 58-0007 Bynum	1. 1H			<b>Reported:</b> 12/6/2023 3:00:15PM
11ailis 1A, 79353-0247	T Tojeet Mail	0	Bynum				12/0/2025 5.00.151 W
		S3-3' E311230-11					
		Reporting					
Analyte	Result	Limit	Dilu	tion Prep	ared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: RKS			Batch: 2348089
Benzene	ND	0.0250	1	11/3	0/23	12/01/23	
Ethylbenzene	ND	0.0250	1	11/3	0/23	12/01/23	
Foluene	ND	0.0250	1	11/3	0/23	12/01/23	
o-Xylene	ND	0.0250	1	11/3	0/23	12/01/23	
o,m-Xylene	ND	0.0500	1	11/3	0/23	12/01/23	
Total Xylenes	ND	0.0250	1	11/3	0/23	12/01/23	
Surrogate: Bromofluorobenzene		99.5 %	70-130	11/3	0/23	12/01/23	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130	11/3	0/23	12/01/23	
Surrogate: Toluene-d8		114 %	70-130	11/3	0/23	12/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: RKS			Batch: 2348089
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/3	0/23	12/01/23	
Surrogate: Bromofluorobenzene		99.5 %	70-130	11/3	0/23	12/01/23	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130	11/3	0/23	12/01/23	
Surrogate: Toluene-d8		114 %	70-130	11/3	0/23	12/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORC	mg/kg	mg/kg	1	Analyst: JL			Batch: 2349002
Diesel Range Organics (C10-C28)	ND	25.0	1	12/0	4/23	12/05/23	
Dil Range Organics (C28-C36)	ND	50.0	1	12/0	4/23	12/05/23	
Gurrogate: n-Nonane		79.4 %	50-200	12/0	4/23	12/05/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: BA			Batch: 2349016
Chloride	892	20.0	1	12/0	4/23	12/04/23	

	S	Sample D	ata				
Pima Environmental Services-Carlsbad	Project Nam	e: Bell	lake 24 Fe	ed. 1H			
PO Box 247	Project Num	ber: 0103	58-0007		Reported:		
Plains TX, 79355-0247	Project Man	ager: Tom	Bynum	12/6/2023 3:00:15PM			
		S3-4'					
		E311230-12					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RKS		Batch: 2348089
Benzene	ND	0.0250		1	11/30/23	12/01/23	
Ethylbenzene	ND	0.0250		1	11/30/23	12/01/23	
Toluene	ND	0.0250		1	11/30/23	12/01/23	
p-Xylene	ND	0.0250		1	11/30/23	12/01/23	
p,m-Xylene	ND	0.0500		1	11/30/23	12/01/23	
Total Xylenes	ND	0.0250		1	11/30/23	12/01/23	
Surrogate: Bromofluorobenzene		99.4 %	70-130		11/30/23	12/01/23	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130		11/30/23	12/01/23	
Surrogate: Toluene-d8		114 %	70-130		11/30/23	12/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RKS		Batch: 2348089
Gasoline Range Organics (C6-C10)	ND	20.0		1	11/30/23	12/01/23	
Surrogate: Bromofluorobenzene		99.4 %	70-130		11/30/23	12/01/23	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130		11/30/23	12/01/23	
Surrogate: Toluene-d8		114 %	70-130		11/30/23	12/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: JL		Batch: 2349002
Diesel Range Organics (C10-C28)	37.9	25.0		1	12/04/23	12/05/23	
Oil Range Organics (C28-C36)	ND	50.0		1	12/04/23	12/05/23	
Surrogate: n-Nonane		75.9 %	50-200		12/04/23	12/05/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: BA		Batch: 2349016
Chloride	415	20.0		1	12/04/23	12/04/23	



	S	Sample D	ata			
Pima Environmental Services-Carlsbad	Project Name		lake 24 Fed	. 1H		
PO Box 247	Project Num		58-0007	Reported:		
Plains TX, 79355-0247	Project Mana	ager: Tom	Bynum		12/6/2023 3:00:15PM	
		S4-1'				
		E311230-13				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	А	Analyst: RKS	Batch: 2348089	
Benzene	ND	0.0250	1	11/30/23	12/02/23	
Ethylbenzene	ND	0.0250	1	11/30/23	12/02/23	
Toluene	ND	0.0250	1	11/30/23	12/02/23	
p-Xylene	ND	0.0250	1	11/30/23	12/02/23	
p,m-Xylene	ND	0.0500	1	11/30/23	12/02/23	
Total Xylenes	ND	0.0250	1	11/30/23	12/02/23	
Surrogate: Bromofluorobenzene		98.1 %	70-130	11/30/23	12/02/23	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	11/30/23	12/02/23	
Surrogate: Toluene-d8		112 %	70-130	11/30/23	12/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2348089
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/30/23	12/02/23	
Surrogate: Bromofluorobenzene		98.1 %	70-130	11/30/23	12/02/23	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	11/30/23	12/02/23	
Surrogate: Toluene-d8		112 %	70-130	11/30/23	12/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	А	Analyst: JL		Batch: 2349002
Diesel Range Organics (C10-C28)	ND	25.0	1	12/04/23	12/05/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/04/23	12/05/23	
Surrogate: n-Nonane		78.1 %	50-200	12/04/23	12/05/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: BA		Batch: 2349016
Chloride	ND	20.0	1	12/04/23	12/04/23	



	S	ample D	ata			
Pima Environmental Services-Carlsbad PO Box 247	Project Name Project Numb	ber: 0105	lake 24 Fed 58-0007	. 1H		Reported:
Plains TX, 79355-0247	Project Mana	-	Bynum			12/6/2023 3:00:15PM
		S4-2'				
		E311230-14				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2348089
Benzene	ND	0.0250	1	11/30/23	12/02/23	
Ethylbenzene	ND	0.0250	1	11/30/23	12/02/23	
Toluene	ND	0.0250	1	11/30/23	12/02/23	
p-Xylene	ND	0.0250	1	11/30/23	12/02/23	
p,m-Xylene	ND	0.0500	1	11/30/23	12/02/23	
Total Xylenes	ND	0.0250	1	11/30/23	12/02/23	
Surrogate: Bromofluorobenzene		98.2 %	70-130	11/30/23	12/02/23	
Surrogate: 1,2-Dichloroethane-d4		99.2 %	70-130	11/30/23	12/02/23	
Surrogate: Toluene-d8		113 %	70-130	11/30/23	12/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2348089
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/30/23	12/02/23	
Surrogate: Bromofluorobenzene		98.2 %	70-130	11/30/23	12/02/23	
Surrogate: 1,2-Dichloroethane-d4		99.2 %	70-130	11/30/23	12/02/23	
Surrogate: Toluene-d8		113 %	70-130	11/30/23	12/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL		Batch: 2349002
Diesel Range Organics (C10-C28)	ND	25.0	1	12/04/23	12/05/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/04/23	12/05/23	
Surrogate: n-Nonane		70.0 %	50-200	12/04/23	12/05/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: BA		Batch: 2349016
Chloride	256	20.0	1	12/04/23	12/04/23	



	S	ample D	ata						
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Numl Project Mana	ber: 0103	lake 24 Fe 58-0007 1 Bynum	ed. 1H			<b>Reported:</b> 12/6/2023 3:00:15PM		
		S4-3'							
		E311230-15							
		Reporting							
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes		
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2348089		
Benzene	ND	0.0250		1	11/30/23	12/02/23			
Ethylbenzene	ND	0.0250		1	11/30/23	12/02/23			
Toluene	ND	0.0250		1	11/30/23	12/02/23			
p-Xylene	ND	0.0250		1	11/30/23	12/02/23			
o,m-Xylene	ND	0.0500		1	11/30/23	12/02/23			
Fotal Xylenes	ND	0.0250		1	11/30/23	12/02/23			
Surrogate: Bromofluorobenzene		103 %	70-130		11/30/23	12/02/23			
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		11/30/23	12/02/23			
Surrogate: Toluene-d8		108 %	70-130		11/30/23	12/02/23			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2348089		
Gasoline Range Organics (C6-C10)	ND	20.0		1	11/30/23	12/02/23			
Surrogate: Bromofluorobenzene		103 %	70-130		11/30/23	12/02/23			
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		11/30/23	12/02/23			
Surrogate: Toluene-d8		108 %	70-130		11/30/23	12/02/23			
Nonhalogenated Organics by EPA 8015D - DRO/ORO mg/kg mg/kg Analyst: JL									
Diesel Range Organics (C10-C28)	ND	25.0		1	12/04/23	12/05/23			
Dil Range Organics (C28-C36)	ND	50.0		1	12/04/23	12/05/23			
Surrogate: n-Nonane		79.0 %	50-200		12/04/23	12/05/23			
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2349016		

 Chloride
 201
 20.0
 1
 12/04/23
 12/04/23



	S	Sample Da	ata			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name Project Num Project Mana	ber: 0105	lake 24 Fed. 1F 8-0007 Bynum	ſ		<b>Reported:</b> 12/6/2023 3:00:15PM
		<u>S4-4'</u>				
		E311230-16				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2348089
Benzene	ND	0.0250	1	11/30/23	12/02/23	
Ethylbenzene	ND	0.0250	1	11/30/23	12/02/23	
Toluene	ND	0.0250	1	11/30/23	12/02/23	
o-Xylene	ND	0.0250	1	11/30/23	12/02/23	
p,m-Xylene	ND	0.0500	1	11/30/23	12/02/23	
Total Xylenes	ND	0.0250	1	11/30/23	12/02/23	
Surrogate: Bromofluorobenzene		98.9 %	70-130	11/30/23	12/02/23	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130	11/30/23	12/02/23	
Surrogate: Toluene-d8		112 %	70-130	11/30/23	12/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2348089
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/30/23	12/02/23	
Surrogate: Bromofluorobenzene		98.9 %	70-130	11/30/23	12/02/23	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130	11/30/23	12/02/23	
Surrogate: Toluene-d8		112 %	70-130	11/30/23	12/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2349002
Diesel Range Organics (C10-C28)	ND	25.0	1	12/04/23	12/05/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/04/23	12/05/23	
Surrogate: n-Nonane		79.0 %	50-200	12/04/23	12/05/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2349016
Chloride	144	20.0	1	12/04/23	12/04/23	



	S	Sample Da	ata				
Pima Environmental Services-Carlsbad	Project Name		lake 24 Fe	ed. 1H			
PO Box 247	Project Num		58-0007	Reported:			
Plains TX, 79355-0247	Project Mana	ager: Tom	Bynum		12/6/2023 3:00:15PM		
		<b>S5-1'</b>					
		E311230-17					
		Reporting					
Analyte	Result	Limit	Dil	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2348089
Benzene	ND	0.0250		1	11/30/23	12/02/23	
Ethylbenzene	ND	0.0250		1	11/30/23	12/02/23	
Toluene	ND	0.0250		1	11/30/23	12/02/23	
p-Xylene	ND	0.0250		1	11/30/23	12/02/23	
o,m-Xylene	ND	0.0500		1	11/30/23	12/02/23	
Total Xylenes	ND	0.0250		1	11/30/23	12/02/23	
Surrogate: Bromofluorobenzene		97.6 %	70-130		11/30/23	12/02/23	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130		11/30/23	12/02/23	
Surrogate: Toluene-d8		112 %	70-130		11/30/23	12/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2348089
Gasoline Range Organics (C6-C10)	ND	20.0		1	11/30/23	12/02/23	
Surrogate: Bromofluorobenzene		97.6 %	70-130		11/30/23	12/02/23	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130		11/30/23	12/02/23	
Surrogate: Toluene-d8		112 %	70-130		11/30/23	12/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	Л		Batch: 2349002
Diesel Range Organics (C10-C28)	ND	25.0		1	12/04/23	12/05/23	
Oil Range Organics (C28-C36)	ND	50.0		1	12/04/23	12/05/23	
Surrogate: n-Nonane		79.6 %	50-200		12/04/23	12/05/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	BA		Batch: 2349016
Chloride	ND	20.0		1	12/04/23	12/04/23	



	S	ample D	ata					
Pima Environmental Services-Carlsbad PO Box 247	Project Name Project Numb	ber: 010	lake 24 F 58-0007	ed. 1H			Reported:	
Plains TX, 79355-0247	Project Mana	ger: Tom	n Bynum				12/6/2023 3:00:15PM	
		<b>S5-2'</b>						
		E311230-18						
		Reporting						
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RKS		Batch: 2348089	
Benzene	ND	0.0250		1	11/30/23	12/02/23		
Ethylbenzene	ND	0.0250		1	11/30/23	12/02/23		
Toluene	ND	0.0250		1	11/30/23	12/02/23		
p-Xylene	ND	0.0250		1	11/30/23	12/02/23		
p,m-Xylene	ND	0.0500		1	11/30/23	12/02/23		
Total Xylenes	ND	0.0250		1	11/30/23	12/02/23		
Surrogate: Bromofluorobenzene		100 %	70-130		11/30/23	12/02/23		
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130		11/30/23	12/02/23		
Surrogate: Toluene-d8		114 %	70-130		11/30/23	12/02/23		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RKS		Batch: 2348089	
Gasoline Range Organics (C6-C10)	ND	20.0		1	11/30/23	12/02/23		
Surrogate: Bromofluorobenzene		100 %	70-130		11/30/23	12/02/23		
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130		11/30/23	12/02/23		
Surrogate: Toluene-d8		114 %	70-130		11/30/23	12/02/23		
Nonhalogenated Organics by EPA 8015D - DRO/ORO mg/kg mg/kg Analyst: JL								
Diesel Range Organics (C10-C28)	ND	25.0		1	12/04/23	12/05/23		
Oil Range Organics (C28-C36)	ND	50.0		1	12/04/23	12/05/23		
Surrogate: n-Nonane		78.2 %	50-200		12/04/23	12/05/23		
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: BA		Batch: 2349016	

 Chloride
 253
 20.0
 1
 12/04/23
 12/05/23



	S	Sample D	ata			
Pima Environmental Services-Carlsbad PO Box 247	Project Nam Project Num		lake 24 Fed	1. 1H		Reported:
Plains TX, 79355-0247	Project Man		Bynum		12/6/2023 3:00:15PM	
,	5	<u> </u>	5			
		85-3' E311230-19				
		Reporting				
Analyte	Result	Limit	Dilut	tion Prepa	ared Analyz	ed Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: RKS		Batch: 2348089
Benzene	ND	0.0250	1	11/30	0/23 12/02/2	23
Ethylbenzene	ND	0.0250	1	11/30	)/23 12/02/2	23
Toluene	ND	0.0250	1	11/30	)/23 12/02/2	23
p-Xylene	ND	0.0250	1	11/30	)/23 12/02/2	23
p,m-Xylene	ND	0.0500	1	11/30	0/23 12/02/2	23
Total Xylenes	ND	0.0250	1	11/30	0/23 12/02/2	23
Surrogate: Bromofluorobenzene		98.9 %	70-130	11/30	0/23 12/02/2	23
Surrogate: 1,2-Dichloroethane-d4		99.7 %	70-130	11/30	)/23 12/02/2	23
Surrogate: Toluene-d8		113 %	70-130	11/30	)/23 12/02/2	23
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: RKS		Batch: 2348089
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/30	)/23 12/02/2	23
Surrogate: Bromofluorobenzene		98.9 %	70-130	11/30	0/23 12/02/2	23
Surrogate: 1,2-Dichloroethane-d4		99.7 %	70-130	11/30	0/23 12/02/2	23
Surrogate: Toluene-d8		113 %	70-130	11/30	)/23 12/02/2	23
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: JL		Batch: 2349002
Diesel Range Organics (C10-C28)	ND	25.0	1	12/04	4/23 12/05/2	23
Oil Range Organics (C28-C36)	ND	50.0	1	12/04	4/23 12/05/2	23
Surrogate: n-Nonane		78.9 %	50-200	12/04	4/23 12/05/2	23
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: BA		Batch: 2349016
Chloride	175	20.0	1	12/04	4/23 12/05/2	23



	S	Sample D	ata				
Pima Environmental Services-Carlsbad	Project Name	e: Bell	lake 24 Fe	d. 1H			
PO Box 247	Project Num	ber: 0105	58-0007		Reported:		
Plains TX, 79355-0247	Project Mana	ager: Tom	Bynum	12/6/2023 3:00:15PM			
		S5-4'					
		E311230-20					
		Reporting					
Analyte	Result	Limit	Dilu	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: R	KS		Batch: 2348089
Benzene	ND	0.0250	1	1	11/30/23	12/02/23	
Ethylbenzene	ND	0.0250	1	1	11/30/23	12/02/23	
Toluene	ND	0.0250	1	1	11/30/23	12/02/23	
p-Xylene	ND	0.0250	1	1	11/30/23	12/02/23	
o,m-Xylene	ND	0.0500	:	1	11/30/23	12/02/23	
Total Xylenes	ND	0.0250		1	11/30/23	12/02/23	
Surrogate: Bromofluorobenzene		100 %	70-130		11/30/23	12/02/23	
Surrogate: 1,2-Dichloroethane-d4		96.5 %	70-130		11/30/23	12/02/23	
Surrogate: Toluene-d8		113 %	70-130		11/30/23	12/02/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: R	KS		Batch: 2348089
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	11/30/23	12/02/23	
Surrogate: Bromofluorobenzene		100 %	70-130		11/30/23	12/02/23	
Surrogate: 1,2-Dichloroethane-d4		96.5 %	70-130		11/30/23	12/02/23	
Surrogate: Toluene-d8		113 %	70-130		11/30/23	12/02/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORC	mg/kg	mg/kg		Analyst: JI	L		Batch: 2349002
Diesel Range Organics (C10-C28)	ND	25.0	:	1	12/04/23	12/05/23	
Oil Range Organics (C28-C36)	ND	50.0		1	12/04/23	12/05/23	
Surrogate: n-Nonane		84.8 %	50-200		12/04/23	12/05/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: B	A		Batch: 2349016
Chloride	162	20.0		1	12/04/23	12/05/23	



## QC Summary Data

		<b>L</b> = 10		iry Data						
Pima Environmental Services-Carlsbad	Project Name: Bell lake 24 Fed. 1H								Reported:	
PO Box 247		Project Number:	01	01058-0007					ľ	
Plains TX, 79355-0247		Project Manager:	Tom Bynum				12/6/2023 3:00:15PM			
	Volatile Organic Compounds by EPA 8260B							Analyst: RKS		
Analyte		Reporting	Spike	Source		Rec		RPD		
,	Result	Limit	Level	Result	Rec	Limits	RPD	Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2348089-BLK1)							Prepared: 1	1/30/23 Anal	yzed: 12/01/23	
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	0.475		0.500		95.0	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.510		0.500		102	70-130				
-	0.577		0.500		115	70-130				
Surrogate: Toluene-d8	0.377		0.500		115	70-150				
LCS (2348089-BS1)							Prepared: 1	1/30/23 Anal	yzed: 12/01/23	
Benzene	2.66	0.0250	2.50		106	70-130				
Ethylbenzene	2.61	0.0250	2.50		105	70-130				
Toluene	2.77	0.0250	2.50		111	70-130				
p-Xylene	2.53	0.0250	2.50		101	70-130				
p,m-Xylene	5.26	0.0500	5.00		105	70-130				
Total Xylenes	7.79	0.0250	7.50		104	70-130				
Surrogate: Bromofluorobenzene	0.491		0.500		98.1	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.520		0.500		104	70-130				
Surrogate: Toluene-d8	0.556		0.500		111	70-130				
Matrix Spike (2348089-MS1)			Source: E311230-06		06	Prepared: 11/30/23 Analyzed: 12/01/23				
Benzene	2.62	0.0250	2.50	ND	105	48-131				
Ethylbenzene	2.55	0.0250	2.50	ND	102	45-135				
Toluene	2.70	0.0250	2.50	ND	108	48-130				
p-Xylene	2.48	0.0250	2.50	ND	99.3	43-135				
p,m-Xylene	5.05	0.0500	5.00	ND	101	43-135				
Total Xylenes	7.53	0.0250	7.50	ND	100	43-135				
Surrogate: Bromofluorobenzene	0.498		0.500		99.5	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.502		0.500		100	70-130				
Surrogate: Toluene-d8	0.553		0.500		111	70-130				
Matrix Spike Dup (2348089-MSD1)				Source:	E311230-(	06	Prepared: 1	1/30/23 Anal	yzed: 12/01/23	
Benzene	2.70	0.0250	2.50	ND	108	48-131	3.06	23		
Ethylbenzene	2.71	0.0250	2.50	ND	108	45-135	5.94	27		
Toluene	2.84	0.0250	2.50	ND	113	48-130	5.00	24		
p-Xylene	2.65	0.0250	2.50	ND	106	43-135	6.45	27		
p,m-Xylene	5.44	0.0500	5.00	ND	109	43-135	7.46	27		
Total Xylenes	8.09	0.0250	7.50	ND	108	43-135	7.13	27		
Surrogate: Bromofluorobenzene	0.498		0.500		99.5	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.503		0.500		101	70-130				
Surrogate: 1,2-Diemoroethane-u4 Surrogate: Toluene-d8	0.557		0.500		111	70-130				


## **QC Summary Data**

		<b>X</b> U S		ary Date	•				
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	0	Bell lake 24 Fed 01058-0007 Fom Bynum	. 1H				<b>Reported:</b> 12/6/2023 3:00:15PM
	No	onhalogenated O	rganics	s by EPA 801	5D - GI	RO			Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2348089-BLK1)							Prepared: 1	1/30/23	Analyzed: 12/01/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.475		0.500		95.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.510		0.500		102	70-130			
Surrogate: Toluene-d8	0.577		0.500		115	70-130			
LCS (2348089-BS2)							Prepared: 1	1/30/23	Analyzed: 12/01/23
Gasoline Range Organics (C6-C10)	52.2	20.0	50.0		104	70-130			
Surrogate: Bromofluorobenzene	0.510		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.509		0.500		102	70-130			
Surrogate: Toluene-d8	0.576		0.500		115	70-130			
Matrix Spike (2348089-MS2)				Source: l	E <b>311230-</b> (	)6	Prepared: 1	1/30/23	Analyzed: 12/01/23
Gasoline Range Organics (C6-C10)	48.8	20.0	50.0	ND	97.6	70-130			
Surrogate: Bromofluorobenzene	0.519		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.497		0.500		99.4	70-130			
Surrogate: Toluene-d8	0.573		0.500		115	70-130			
Matrix Spike Dup (2348089-MSD2)				Source: l	E <b>311230-</b> (	)6	Prepared: 1	1/30/23	Analyzed: 12/01/23
Gasoline Range Organics (C6-C10)	49.9	20.0	50.0	ND	99.9	70-130	2.29	20	
Surrogate: Bromofluorobenzene	0.515		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.1	70-130			



## QC Summary Data

		QC BI	umm	ary Data	a				
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	0	Bell lake 24 Fec 1058-0007 Tom Bynum	1. 1H				<b>Reported:</b> 12/6/2023 3:00:15PM
	Nonh	alogenated Orga	anics by	EPA 8015I	) - 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
Blank (2349002-BLK1)							Prepared: 1	2/04/23 A	Analyzed: 12/05/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	46.7		50.0		93.5	50-200			
LCS (2349002-BS1)							Prepared: 1	2/04/23 A	Analyzed: 12/05/23
Diesel Range Organics (C10-C28)	260	25.0	250		104	38-132			
Surrogate: n-Nonane	45.1		50.0		90.2	50-200			
Matrix Spike (2349002-MS1)				Source:	E311230-	05	Prepared: 1	2/04/23 A	Analyzed: 12/05/23
Diesel Range Organics (C10-C28)	246	25.0	250	ND	98.2	38-132			
Surrogate: n-Nonane	44.9		50.0		89.7	50-200			
Matrix Spike Dup (2349002-MSD1)				Source:	E311230-	05	Prepared: 1	2/04/23 A	Analyzed: 12/05/23
Diesel Range Organics (C10-C28)	250	25.0	250	ND	100	38-132	1.96	20	
Surrogate: n-Nonane	40.7		50.0		81.3	50-200			



## **QC Summary Data**

			•	<i>J</i> –						
Pima Environmental Services-Carlsbad		Project Name:	]	Bell lake 24 Fec	1. 1H				Re	ported:
PO Box 247		Project Number:	(	01058-0007						
Plains TX, 79355-0247		Project Manager:	-	Tom Bynum					12/6/202	3 3:00:15PM
		Anions	by EPA	300.0/9056A	4				Analy	vst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limi		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%		Notes
Blank (2349016-BLK1)							Prepared:	12/04/23	Analyzed:	12/04/23
Chloride	ND	20.0								
LCS (2349016-BS1)							Prepared:	12/04/23	Analyzed:	12/04/23
Chloride	251	20.0	250		100	90-110				
Matrix Spike (2349016-MS1)				Source:	E311230-0	1	Prepared:	12/04/23	Analyzed:	12/04/23
Chloride	253	20.0	250	ND	101	80-120				
Matrix Spike Dup (2349016-MSD1)				Source:	E311230-0	1	Prepared:	12/04/23	Analyzed:	12/04/23
Chloride	253	20.0	250	ND	101	80-120	0.0902	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.



Pima Environmental Services-Carlsbad	Project Name:	Bell lake 24 Fed. 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	12/06/23 15:00

ıg limit
1

- 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.



R	
ele	
â	
ec	Project Information
0	

ò

							·													
<u>Client: Pi</u> Project:	ma Envi Bell la	ronment	tal Servic	ces		ittention: Devion					b Us	e On	Verd.		10	20	TA1 3D	T Standard	EPA P CWA	rogram SDWA
	anager:			1 ==	- 10 A A	Attention: YENDN		F	W0#	2		С	108	§-00		20	30	X	CWA	30110
ddress:	5614 N.	Lovingt	on Hwy.		Ξ	ity, State, Zip					1	Analy	sis an	d Metho	d	·		1		RCRA
	e, Zip Hc		<u>A. 88240</u>	)	2 (C) (C)	Phone:													State	l
	<u>80-748-</u> om@pin		 n			Email:		801	8015				o,		-			NM CO		TX
Report du						Pima Project # /2/-/		by Solution	δ δ	802	8260	6010	8 30		WN	Ĕ		X		
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	BGDOC			Remarks	
1:05	11/20	Ś		51-	1		1								X					
8:11				SI-1			2													
8:18				51-3	1		3													
5:22				51-4	)		ŬĄ.													
8:29				SZ-1			Г К													
8:36				52-2			Ŵ													
8:41	1			S2-3			$ \gamma $	:												
8:49				\$2-1			8													- <u></u>
8:55				53-	, <b>1</b>	<u> </u>	9									<u> </u>				
9:06				53 -	۲۷		10													
Addition	al Instruc	tions:				B# 210	z/ 52	8												
•		-				are that tampering with or intentionally mislat			ion,		i	Sampl	es requi	ing thermal	preserva	tion mu	ust be rec	ceived on Ice the day 5 °C on subsequent d	they are sam	pled or received
	of collection ed by: (Signa			may be grounds fo			Date		Time			раске							аул. Тайлагаан	
Kar	M A	Jame	  Date	29/23 Tin		Received by: (Signature)	11-29.	23	JL Time	115		Rec	eived	on ice;	6	)/ ``	" I			
	ll H				645	ndrew Husso		9.23		<u>2a</u>	2	Ť1.	lan is	Africa	<u>72</u>			<u>T3</u>		
Relinguishe	ed by: (Signa		Date	e Tîr		Received by: (Signature)	Date	100	Time	$\cdot \gamma$				<u> </u>	١					
Andre		<u>885</u>		1.29.23	$\mathcal{X}$	OHN WIHVIN	NIG)	16		<u>en</u>	<u>)</u>	AVC	5 Ten	p°c L	<b>†</b>					
Sample Mati	rix: S - Soil, So	d - Solid, Sg - carded 30 d	- Sludge, A - A	Aqueous, O - Othe esults are report	ed unless	í other arrangements are made. Hazardo	Containe us samples wil	i be re	e:g-	giass, d to cli	p - p lent or	oly/p	osed of	ag - am at the cl	ient ex	pense.	. The r	report for the ar	alysis of th	e above

X	
6	
a	
Sec	<b>Project Information</b>
11	
2	

Project Information	Chain of	f Custody											Page <u>2</u> of <u>4</u>
Client: Pima Environmental Servic Project: Kell late 24 Fed. Project Manager: Tom Bynum Address: 5614 N. Lovington Hwy.	Address: City, State, Zip				: Lal 300	ા	ob N		er <u>OOO</u> I Metho	ÿ.	2D	TAT 3D	EPA Program       Standard     CWA       X
City, State, Zip Hobbs. NM, 88240 Phone: 580-748-1613 Email: tom@pimaoil.com Report due by:	Phone:           Email:           Pima Project #         Z	Lab	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		DC NM	х х		State NM CO UT AZ TX
Time Date Matrix No. of Containers	Sample ID 53 - 3	Number	DRO/	GRO/	BTEX	VOC	Meta	Chtor	_	BGDOC X	BGDOC		Remarks
9:17 1 [	53-4'	12								ĺ			
9:21	54-1	13									-		
9:27	<u>SH-2'</u>	14						_		$\mathbb{A}$		$\left  \right $	
9:31	<u>54-3`</u> 54-4'	15								$\uparrow$			
9:47	59-1	17											
9:58	55-2 555-3'	18											
10:21	55-4°	10								+		+	
Additional Instructions:	B# 21021528	, ,			· · · · ·		Sample	s requiri	ing therms	i preserv	ation m	ust be reco	eived on ice the day they are sampled or received
date or time of collection is considered fraud and i		•					packed	in ice at	t en avg te	mp abov	e 0 but k	ess than 6	°C on subsequent days.
Relinquished by: (Signature) Date Millin Lunch H	129/23 Time 2:15 Received by: (Signature) -9-23 Time 2:9-23 Received by: (Signature) Received by: (Signature) 2:15 Received by: (Signature)	Date 11-29-e Date 11-24		JIUUE	<u>113</u> Zac		Rece T1	ived	on ice	( T2	y) / N	ise Onl N	<b>T3</b>
Relinguished by: (Signature) Date	1.29.23 Time Received by: (Signature)	Pate 3	23	Time	3	)	AVG			4			
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - A Note: Samples are discarded 30 days after re samples is applicable only to those samples	Aqueous, O - Other esuits are reported unless other arrangements are made. Hazardous s received by the laboratory with this COC. The liability of the laboratory	Containe samples will y is limited to	be re	turned	to cli	ent or	dispos	sed of	at the c	lient ex	pense	. The re	
Concentration, et al						C	J	5	6	n	V	/	rotech

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Client:	Pima Environmental Services-Carlsbad	Date Received:	11/30/23 07	7:30	Work Order ID: E311230
Phone:	(575) 631-6977	Date Logged In:	11/30/23 08	3:18	Logged In By: Jordan Montano
Email:		Due Date:	12/06/23 1	7:00 (4 day TAT)	
Chain o	f Custody (COC)				
	the sample ID match the COC?		Yes		
2. Does	the number of samples per sampling site location match	n the COC	Yes		
3. Were	samples dropped off by client or carrier?		Yes	Carrier: C	Courrier
4. Was th	he COC complete, i.e., signatures, dates/times, requeste	d analyses?	Yes	_	
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted in th i.e, 15 minute hold time, are not included in this disucssion		Yes		Comments/Resolution
<u>Sample</u>	<u>Turn Around Time (TAT)</u>				
6. Did th	ne COC indicate standard TAT, or Expedited TAT?		Yes		No. of containers not provided on COC per
Sample	<u>Cooler</u>				client.
7. Was a	sample cooler received?		Yes		
8. If yes,	, was cooler received in good condition?		Yes		COC split into 2 WO due to the volume of
9. Was tl	he sample(s) received intact, i.e., not broken?		Yes		-
10. Were	e custody/security seals present?		No		samples.
11. If ye	s, were custody/security seals intact?		NA		E311230 & E311231
12. Was t	the sample received on ice? If yes, the recorded temp is 4°C, i.e. Note: Thermal preservation is not required, if samples are r minutes of sampling		Yes		
13. If no	visible ice, record the temperature. Actual sample te	mperature: <u>4°</u>	<u>C</u>		
Sample	Container				
	aqueous VOC samples present?		No		
15. Are '	VOC samples collected in VOA Vials?		NA		
16. Is the	e 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 1	non-VOC samples collected in the correct containers?		Yes		
19. Is the	appropriate volume/weight or number of sample container	rs collected?	Yes		
<u>Field La</u>	<u>ıbel</u>				
	e field sample labels filled out with the minimum inform	nation:			
	Sample ID?		Yes		
	Date/Time Collected? Collectors name?		Yes		
	Preservation		No		
	s the COC or field labels indicate the samples were pres	served?	No		
	sample(s) correctly preserved?		NA		
	b filteration required and/or requested for dissolved me	tals?	No		
	ase Sample Matrix				
	s the sample have more than one phase, i.e., multiphase	?	No		
	s, does the COC specify which phase(s) is to be analyzed		NA		
	tract Laboratory		•		
	samples required to get sent to a subcontract laboratory	?	No		
29. Was	a subcontract laboratory specified by the client and if s	o who?	NA	Subcontract Lab	x: NA

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



•



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 24 Fed. 1H

Work Order: E311231

Job Number: 01058-0007

Received: 11/30/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 12/6/23

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Date Reported: 12/6/23

Tom Bynum PO Box 247 Plains, TX 79355-0247

Project Name: Bell lake 24 Fed. 1H Workorder: E311231 Date Received: 11/30/2023 7:30:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/30/2023 7:30:00AM, under the Project Name: Bell lake 24 Fed. 1H.

The analytical test results summarized in this report with the Project Name: Bell lake 24 Fed. 1H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding 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

Field Offices:

Southern New Mexico Area Lynn Jarboe Laboratory Technical Representative Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com Alexa Michaels Sample Custody Officer Office: 505-632-1881 labadmin@envirotech-inc.com

Michelle Golzales Client Representative Office: 505-421-LABS(5227) Cell: 505-947-8222 mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com



•

## Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
S6-1'	5
S6-2'	6
S6-3'	7
S6-4'	8
SW1 (0-4') Comp	9
SW2 (0-4') Comp	10
SW3 (0-4') Comp	11
SW4 (0-4') Comp	12
SW5 (0-4') Comp	13
SW6 (0-4') Comp	14
SW7 (0-4') Comp	15
SW8 (0-4') Comp	16
BG1	17
QC Summary Data	18
QC - Volatile Organics by EPA 8021B	18
QC - Nonhalogenated Organics by EPA 8015D - GRO	19
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	20
QC - Anions by EPA 300.0/9056A	21
Definitions and Notes	22
Chain of Custody etc.	23

1		
Sam	ple Summary	

		Sample Sum	mary		
Pima Environmental Services-Carlsbad		Project Name:	Bell lake 24 Fed. 11	Η	Reported:
PO Box 247		Project Number:	01058-0007		-
Plains TX, 79355-0247		Project Manager:	Tom Bynum		12/06/23 14:43
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S6-1'	E311231-01A	Soil	11/28/23	11/30/23	Glass Jar, 2 oz.
S6-2'	E311231-02A	Soil	11/28/23	11/30/23	Glass Jar, 2 oz.
S6-3'	E311231-03A	Soil	11/28/23	11/30/23	Glass Jar, 2 oz.
S6-4'	E311231-04A	Soil	11/28/23	11/30/23	Glass Jar, 2 oz.
SW1 (0-4') Comp	E311231-05A	Soil	11/28/23	11/30/23	Glass Jar, 2 oz.
SW2 (0-4') Comp	E311231-06A	Soil	11/28/23	11/30/23	Glass Jar, 2 oz.
SW3 (0-4') Comp	E311231-07A	Soil	11/28/23	11/30/23	Glass Jar, 2 oz.
SW4 (0-4') Comp	E311231-08A	Soil	11/28/23	11/30/23	Glass Jar, 2 oz.
SW5 (0-4') Comp	E311231-09A	Soil	11/28/23	11/30/23	Glass Jar, 2 oz.
SW6 (0-4') Comp	E311231-10A	Soil	11/28/23	11/30/23	Glass Jar, 2 oz.
SW7 (0-4') Comp	E311231-11A	Soil	11/28/23	11/30/23	Glass Jar, 2 oz.
SW8 (0-4') Comp	E311231-12A	Soil	11/28/23	11/30/23	Glass Jar, 2 oz.
3G1	E311231-13A	Soil	11/28/23	11/30/23	Glass Jar, 2 oz.



	50	ampie D	ala			
Pima Environmental Services-Carlsbad PO Box 247	Project Name: Project Numbe	er: 010:	lake 24 Fed. 1 58-0007	Н		Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	n Bynum			12/6/2023 2:43:29PM
		<b>S6-1'</b>				
		E311231-01				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2348088
Benzene	ND	0.0250	1	11/30/23	12/01/23	
Ethylbenzene	ND	0.0250	1	11/30/23	12/01/23	
Toluene	ND	0.0250	1	11/30/23	12/01/23	
p-Xylene	ND	0.0250	1	11/30/23	12/01/23	
o,m-Xylene	ND	0.0500	1	11/30/23	12/01/23	
Fotal Xylenes	ND	0.0250	1	11/30/23	12/01/23	
Surrogate: 4-Bromochlorobenzene-PID		95.8 %	70-130	11/30/23	12/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2348088
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/30/23	12/01/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.1 %	70-130	11/30/23	12/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: JL		Batch: 2349028
Diesel Range Organics (C10-C28)	ND	25.0	1	12/05/23	12/05/23	
Dil Range Organics (C28-C36)	ND	50.0	1	12/05/23	12/05/23	
Surrogate: n-Nonane		93.4 %	50-200	12/05/23	12/05/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2349010
Chloride	ND	20.0	1	12/04/23	12/04/23	

## Sample Data



## Sample Data

	Da	ample D	ata			
Pima Environmental Services-Carlsbad	Project Name:	Bell	lake 24 Fed. 1H	[		
PO Box 247			Reported:			
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum			12/6/2023 2:43:29PM
		S6-2'				
		E311231-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: RKS		Batch: 2348088
Benzene	ND	0.0250	1	11/30/23	12/01/23	
Ethylbenzene	ND	0.0250	1	11/30/23	12/01/23	
Toluene	ND	0.0250	1	11/30/23	12/01/23	
p-Xylene	ND	0.0250	1	11/30/23	12/01/23	
p,m-Xylene	ND	0.0500	1	11/30/23	12/01/23	
Total Xylenes	ND	0.0250	1	11/30/23	12/01/23	
Surrogate: 4-Bromochlorobenzene-PID		96.2 %	70-130	11/30/23	12/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: RKS		Batch: 2348088
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/30/23	12/01/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.0 %	70-130	11/30/23	12/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: JL		Batch: 2349028
Diesel Range Organics (C10-C28)	ND	25.0	1	12/05/23	12/05/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/05/23	12/05/23	
Surrogate: n-Nonane		91.4 %	50-200	12/05/23	12/05/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: BA		Batch: 2349010
Chloride	279	20.0	1	12/04/23	12/04/23	

## Sample Data

	Da	ample D	ata			
Pima Environmental Services-Carlsbad	Project Name:	Bell	lake 24 Fed. 1H	[		
PO Box 247	Project Numbe	er: 0103	58-0007			Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum			12/6/2023 2:43:29PM
		S6-3'				
		E311231-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: RKS		Batch: 2348088
Benzene	ND	0.0250	1	11/30/23	12/01/23	
Ethylbenzene	ND	0.0250	1	11/30/23	12/01/23	
Toluene	ND	0.0250	1	11/30/23	12/01/23	
p-Xylene	ND	0.0250	1	11/30/23	12/01/23	
o,m-Xylene	ND	0.0500	1	11/30/23	12/01/23	
Total Xylenes	ND	0.0250	1	11/30/23	12/01/23	
Surrogate: 4-Bromochlorobenzene-PID		96.5 %	70-130	11/30/23	12/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: RKS		Batch: 2348088
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/30/23	12/01/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.5 %	70-130	11/30/23	12/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	/st: JL		Batch: 2349028
Diesel Range Organics (C10-C28)	ND	25.0	1	12/05/23	12/05/23	
Dil Range Organics (C28-C36)	ND	50.0	1	12/05/23	12/05/23	
Surrogate: n-Nonane		90.0 %	50-200	12/05/23	12/05/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: BA		Batch: 2349010
Chloride	240	20.0	1	12/04/23	12/04/23	

	50	ample D	ala			
Pima Environmental Services-Carlsbad PO Box 247	Project Name: Project Numbe		lake 24 Fed. 11 58-0007	ł		Demostada
PO Box 247 Plains TX, 79355-0247	Project Numbe Project Manag		Bynum			<b>Reported:</b> 12/6/2023 2:43:29PM
Tians 17, 7555-0247	Tiojeet Manag		Dynam			12/0/2025 2:15:29114
		S6-4'				
	-	E311231-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2348088
Benzene	ND	0.0250	1	11/30/23	12/01/23	
Ethylbenzene	ND	0.0250	1	11/30/23	12/01/23	
Toluene	ND	0.0250	1	11/30/23	12/01/23	
p-Xylene	ND	0.0250	1	11/30/23	12/01/23	
o,m-Xylene	ND	0.0500	1	11/30/23	12/01/23	
Fotal Xylenes	ND	0.0250	1	11/30/23	12/01/23	
Surrogate: 4-Bromochlorobenzene-PID		95.5 %	70-130	11/30/23	12/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	yst: RKS		Batch: 2348088
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/30/23	12/01/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.7 %	70-130	11/30/23	12/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	yst: JL		Batch: 2349028
Diesel Range Organics (C10-C28)	ND	25.0	1	12/05/23	12/05/23	
Dil Range Organics (C28-C36)	ND	50.0	1	12/05/23	12/05/23	
Surrogate: n-Nonane		90.4 %	50-200	12/05/23	12/05/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	yst: BA		Batch: 2349010
Chloride	191	20.0	1	12/04/23	12/04/23	



	50	ample D	ลเล			
Pima Environmental Services-Carlsbad	Project Name:	: Bell	lake 24 Fed. 1H	I		
PO Box 247	Project Numb	er: 010	58-0007		Reported:	
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum			12/6/2023 2:43:29PM
	SW	/1 (0-4') Con	որ			
		E311231-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2348088
Benzene	ND	0.0250	1	11/30/23	12/01/23	
Ethylbenzene	ND	0.0250	1	11/30/23	12/01/23	
Toluene	ND	0.0250	1	11/30/23	12/01/23	
p-Xylene	ND	0.0250	1	11/30/23	12/01/23	
p,m-Xylene	ND	0.0500	1	11/30/23	12/01/23	
Total Xylenes	ND	0.0250	1	11/30/23	12/01/23	
Surrogate: 4-Bromochlorobenzene-PID		98.0 %	70-130	11/30/23	12/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2348088
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/30/23	12/01/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.3 %	70-130	11/30/23	12/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2349028
Diesel Range Organics (C10-C28)	ND	25.0	1	12/05/23	12/05/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/05/23	12/05/23	
Surrogate: n-Nonane		93.5 %	50-200	12/05/23	12/05/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2349010
Chloride	ND	20.0	1	12/04/23	12/04/23	
Chloride	ND	20.0	1	12/04/23	12/04/23	



	De	ample D	ala			
Pima Environmental Services-Carlsbad PO Box 247	Project Name: Project Numbe		lake 24 Fed. 1H 58-0007	I		Reported:
Plains TX, 79355-0247	Project Manag		Bynum		12/6/2023 2:43:29PM	
	SW	'2 (0-4') Con	ոթ			
		E311231-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: RKS		Batch: 2348088
Benzene	ND	0.0250	1	11/30/23	12/01/23	
Ethylbenzene	ND	0.0250	1	11/30/23	12/01/23	
oluene	ND	0.0250	1	11/30/23	12/01/23	
-Xylene	ND	0.0250	1	11/30/23	12/01/23	
,m-Xylene	ND	0.0500	1	11/30/23	12/01/23	
Total Xylenes	ND	0.0250	1	11/30/23	12/01/23	
urrogate: 4-Bromochlorobenzene-PID		99.7 %	70-130	11/30/23	12/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: RKS		Batch: 2348088
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/30/23	12/01/23	
urrogate: 1-Chloro-4-fluorobenzene-FID		95.5 %	70-130	11/30/23	12/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: JL		Batch: 2349028
Diesel Range Organics (C10-C28)	ND	25.0	1	12/05/23	12/05/23	
Dil Range Organics (C28-C36)	ND	50.0	1	12/05/23	12/05/23	
urrogate: n-Nonane		95.3 %	50-200	12/05/23	12/05/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: BA		Batch: 2349010
Chloride	ND	20.0	1	12/04/23	12/04/23	



	50	ample D	ala			
Pima Environmental Services-Carlsbad	Project Name:	Bell	lake 24 Fed. 1	Н		
PO Box 247	Project Numbe	er: 010:	58-0007			Reported:
Plains TX, 79355-0247	Project Manag	er: Tom	Bynum			12/6/2023 2:43:29PM
	SW.	3 (0-4') Con	np			
		E311231-07				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: RKS		Batch: 2348088
Benzene	ND	0.0250	1	11/30/23	12/01/23	
Ethylbenzene	ND	0.0250	1	11/30/23	12/01/23	
Toluene	ND	0.0250	1	11/30/23	12/01/23	
o-Xylene	ND	0.0250	1	11/30/23	12/01/23	
o,m-Xylene	ND	0.0500	1	11/30/23	12/01/23	
Fotal Xylenes	ND	0.0250	1	11/30/23	12/01/23	
Surrogate: 4-Bromochlorobenzene-PID		97.6 %	70-130	11/30/23	12/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: RKS		Batch: 2348088
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/30/23	12/01/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.9 %	70-130	11/30/23	12/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2349028
Diesel Range Organics (C10-C28)	ND	25.0	1	12/05/23	12/05/23	
Dil Range Organics (C28-C36)	ND	50.0	1	12/05/23	12/05/23	
Surrogate: n-Nonane		94.6 %	50-200	12/05/23	12/05/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: BA		Batch: 2349010
Chloride	ND	20.0	1	12/04/23	12/04/23	



	58	imple D	ala			
Pima Environmental Services-Carlsbad	Project Name:	Bell	lake 24 Fed. 1	Н		
PO Box 247	Project Numbe	r: 010:	58-0007			Reported:
Plains TX, 79355-0247	Project Manage	er: Tom	Bynum			12/6/2023 2:43:29PM
	SW	4 (0-4') Con	np			
	]	E311231-08				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: RKS		Batch: 2348088
Benzene	ND	0.0250	1	11/30/23	12/01/23	
Ethylbenzene	ND	0.0250	1	11/30/23	12/01/23	
Toluene	ND	0.0250	1	11/30/23	12/01/23	
p-Xylene	ND	0.0250	1	11/30/23	12/01/23	
o,m-Xylene	ND	0.0500	1	11/30/23	12/01/23	
Total Xylenes	ND	0.0250	1	11/30/23	12/01/23	
Surrogate: 4-Bromochlorobenzene-PID		96.1 %	70-130	11/30/23	12/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: RKS		Batch: 2348088
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/30/23	12/01/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.7 %	70-130	11/30/23	12/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2349028
Diesel Range Organics (C10-C28)	ND	25.0	1	12/05/23	12/05/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/05/23	12/05/23	
Surrogate: n-Nonane		93.2 %	50-200	12/05/23	12/05/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: BA		Batch: 2349010
Chloride	ND	20.0	1	12/04/23	12/04/23	



	5	ample D	ala				
Pima Environmental Services-Carlsbad	Project Name:		lake 24 Fed	. 1H			
PO Box 247	Project Numbe		58-0007				Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum				12/6/2023 2:43:29PM
	SW	'5 (0-4') Con	np				
		E311231-09					
		Reporting					
Analyte	Result	Limit	Dilut	ion Pr	repared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	А	Analyst: RKS			Batch: 2348088
Benzene	ND	0.0250	1	11	/30/23	12/01/23	
Ethylbenzene	ND	0.0250	1	11	/30/23	12/01/23	
Toluene	ND	0.0250	1	11	/30/23	12/01/23	
o-Xylene	ND	0.0250	1	11	/30/23	12/01/23	
o,m-Xylene	ND	0.0500	1	11	/30/23	12/01/23	
Fotal Xylenes	ND	0.0250	1	11	/30/23	12/01/23	
Surrogate: 4-Bromochlorobenzene-PID		95.1 %	70-130	11	/30/23	12/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	Analyst: RKS			Batch: 2348088
Gasoline Range Organics (C6-C10)	ND	20.0	1	11	/30/23	12/01/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.9 %	70-130	11	/30/23	12/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	А	Analyst: JL			Batch: 2349028
Diesel Range Organics (C10-C28)	ND	25.0	1	12	2/05/23	12/05/23	
Dil Range Organics (C28-C36)	ND	50.0	1	12	2/05/23	12/05/23	
Surrogate: n-Nonane		94.9 %	50-200	12	2/05/23	12/05/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	А	Analyst: BA			Batch: 2349010
Chloride	ND	20.0	1	12	2/04/23	12/04/23	



	58	imple D	ลเล			
Pima Environmental Services-Carlsbad	Project Name:	Bell	lake 24 Fed.	1H		
PO Box 247	Project Numbe	r: 010:	58-0007			Reported:
Plains TX, 79355-0247	Project Manage	er: Tom	Bynum			12/6/2023 2:43:29PM
	SW	6 (0-4') Con	np			
	]	E311231-10				
		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	l Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	А	nalyst: RKS		Batch: 2348088
Benzene	ND	0.0250	1	11/30/23	12/01/23	
Ethylbenzene	ND	0.0250	1	11/30/23	12/01/23	
Toluene	ND	0.0250	1	11/30/23	12/01/23	
p-Xylene	ND	0.0250	1	11/30/23	12/01/23	
o,m-Xylene	ND	0.0500	1	11/30/23	12/01/23	
Total Xylenes	ND	0.0250	1	11/30/23	12/01/23	
Surrogate: 4-Bromochlorobenzene-PID		96.3 %	70-130	11/30/23	12/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	nalyst: RKS		Batch: 2348088
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/30/23	12/01/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.4 %	70-130	11/30/23	12/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	А	.nalyst: JL		Batch: 2349028
Diesel Range Organics (C10-C28)	ND	25.0	1	12/05/23	12/05/23	
Dil Range Organics (C28-C36)	ND	50.0	1	12/05/23	12/05/23	
Surrogate: n-Nonane		94.3 %	50-200	12/05/23	12/05/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	А	.nalyst: BA		Batch: 2349010
Chloride	ND	20.0	1	12/04/23	12/04/23	



	50	ample D	ala				
Pima Environmental Services-Carlsbad	Project Name:	Bell	lake 24 Fed	. 1H			
PO Box 247	Project Number	er: 0103	58-0007				Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	Bynum				12/6/2023 2:43:29PM
	SW	7 (0-4') Con	np				
		E311231-11					
		Reporting					
Analyte	Result	Limit	Dilut	ion	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Α	Analyst: RF	KS		Batch: 2348088
Benzene	ND	0.0250	1		11/30/23	12/01/23	
Ethylbenzene	ND	0.0250	1		11/30/23	12/01/23	
Toluene	ND	0.0250	1		11/30/23	12/01/23	
o-Xylene	ND	0.0250	1		11/30/23	12/01/23	
o,m-Xylene	ND	0.0500	1		11/30/23	12/01/23	
Total Xylenes	ND	0.0250	1		11/30/23	12/01/23	
Surrogate: 4-Bromochlorobenzene-PID		97.2 %	70-130		11/30/23	12/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: RF	KS .		Batch: 2348088
Gasoline Range Organics (C6-C10)	ND	20.0	1		11/30/23	12/01/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.9 %	70-130		11/30/23	12/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst: JL			Batch: 2349028
Diesel Range Organics (C10-C28)	ND	25.0	1		12/05/23	12/05/23	
Dil Range Organics (C28-C36)	ND	50.0	1		12/05/23	12/05/23	
Surrogate: n-Nonane		91.2 %	50-200		12/05/23	12/05/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: BA	A		Batch: 2349010
Chloride	ND	20.0	1		12/04/23	12/04/23	



	Si	ample D	ala			
Pima Environmental Services-Carlsbad	Project Name:	Bell	lake 24 Fed.	1H		
PO Box 247	Project Numbe	er: 010	58-0007			Reported:
Plains TX, 79355-0247	Project Manag	ger: Tom	n Bynum			12/6/2023 2:43:29PM
	SW	8 (0-4') Cor	np			
		E311231-12				
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: RKS		Batch: 2348088
Benzene	ND	0.0250	1	11/30/23	12/01/23	
Ethylbenzene	ND	0.0250	1	11/30/23	12/01/23	
Toluene	ND	0.0250	1	11/30/23	12/01/23	
p-Xylene	ND	0.0250	1	11/30/23	12/01/23	
p,m-Xylene	ND	0.0500	1	11/30/23	12/01/23	
Total Xylenes	ND	0.0250	1	11/30/23	12/01/23	
Surrogate: 4-Bromochlorobenzene-PID		94.8 %	70-130	11/30/23	12/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: RKS		Batch: 2348088
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/30/23	12/01/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.4 %	70-130	11/30/23	12/01/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: JL		Batch: 2349028
Diesel Range Organics (C10-C28)	ND	25.0	1	12/05/23	12/05/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/05/23	12/05/23	
Surrogate: n-Nonane		90.8 %	50-200	12/05/23	12/05/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: BA		Batch: 2349010
Chloride	ND	20.0	1	12/04/23	12/04/23	



	S	Sample D	ata			
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Nam Project Num Project Man	iber: 010		<b>Reported:</b> 12/6/2023 2:43:29PM		
		BG1				
		E311231-13				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst	: RKS		Batch: 2348088
Benzene	ND	0.0250	1	11/30/23	12/01/23	
Ethylbenzene	ND	0.0250	1	11/30/23	12/01/23	
Toluene	ND	0.0250	1	11/30/23	12/01/23	
p-Xylene	ND	0.0250	1	11/30/23	12/01/23	
o,m-Xylene	ND	0.0500	1	11/30/23	12/01/23	
Total Xylenes	ND	0.0250	1	11/30/23	12/01/23	
Surrogate: 4-Bromochlorobenzene-PID		95.4 %	70-130	11/30/23	12/01/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst	: RKS		Batch: 2348088
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/30/23	12/01/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.5 %	70-130	11/30/23	12/01/23	

Surrogute. 1-Chioro-4-Juorobenzene-11D		95.5 /0	/0-150		11/30/23	12/01/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	IL		Batch: 2349028
Diesel Range Organics (C10-C28)	ND	25.0		1	12/05/23	12/05/23	
Oil Range Organics (C28-C36)	ND	50.0		1	12/05/23	12/05/23	
Surrogate: n-Nonane		90.2 %	50-200		12/05/23	12/05/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: ]	BA		Batch: 2349010
Chloride	ND	20.0		1	12/04/23	12/04/23	

## QC Summary Data

		<b>X</b> U N		<u> </u>								
Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:		ell lake 24 Feo 1058-0007	d. 1H				Reported:			
Plains TX, 79355-0247		Project Manager:	Т	om Bynum					12/6/2023 2:43:29PM			
	Volatile Organics by EPA 8021B						Analyst: RKS					
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit				
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes			
Blank (2348088-BLK1)							Prepared: 1	1/30/23 A	analyzed: 12/01/23			
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	7.66		8.00		95.7	70-130						
LCS (2348088-BS1)							Prepared: 1	1/30/23 A	analyzed: 12/01/23			
Benzene	5.12	0.0250	5.00		102	70-130						
Ethylbenzene	5.05	0.0250	5.00		101	70-130						
Toluene	5.09	0.0250	5.00		102	70-130						
o-Xylene	5.04	0.0250	5.00		101	70-130						
p,m-Xylene	10.3	0.0500	10.0		103	70-130						
Total Xylenes	15.3	0.0250	15.0		102	70-130						
Surrogate: 4-Bromochlorobenzene-PID	7.62		8.00		95.2	70-130						
Matrix Spike (2348088-MS1)				Source:	E311231-	06	Prepared: 1	1/30/23 A	analyzed: 12/01/23			
Benzene	4.95	0.0250	5.00	ND	99.0	54-133						
Ethylbenzene	4.90	0.0250	5.00	ND	98.0	61-133						
Toluene	4.94	0.0250	5.00	ND	98.8	61-130						
o-Xylene	4.91	0.0250	5.00	ND	98.1	63-131						
p,m-Xylene	9.99	0.0500	10.0	ND	99.9	63-131						
Total Xylenes	14.9	0.0250	15.0	ND	99.3	63-131						
Surrogate: 4-Bromochlorobenzene-PID	8.01		8.00		100	70-130						
Matrix Spike Dup (2348088-MSD1)				Source:	E311231-	06	Prepared: 1	1/30/23 A	analyzed: 12/01/23			
Benzene	5.38	0.0250	5.00	ND	108	54-133	8.35	20				
Ethylbenzene	5.31	0.0250	5.00	ND	106	61-133	8.11	20				
-	5.36	0.0250	5.00	ND	107	61-130	8.13	20				
Toluene												
Toluene o-Xylene	5.33	0.0250	5.00	ND	107	63-131	8.27	20				
		0.0250 0.0500	5.00 10.0	ND ND	107 108	63-131 63-131	8.27 7.97	20 20				
o-Xylene	5.33											



## **QC Summary Data**

		QC D	u 111111	ary Data	4				
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	(	Bell lake 24 Fec )1058-0007 Fom Bynum	l. 1H				<b>Reported:</b> 12/6/2023 2:43:29PM
	No	nhalogenated O		•	15D - Gl	RO			Analyst: RKS
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
	iiig/kg	ing/kg	mg/kg	mg/Kg	70	70	70	70	Notes
Blank (2348088-BLK1)							Prepared: 1	1/30/23 A	nalyzed: 12/01/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.56		8.00		94.5	70-130			
LCS (2348088-BS2)							Prepared: 1	1/30/23 A	nalyzed: 12/01/23
Gasoline Range Organics (C6-C10)	49.1	20.0	50.0		98.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.69		8.00		96.1	70-130			
Matrix Spike (2348088-MS2)				Source:	E311231-(	06	Prepared: 1	1/30/23 A	nalyzed: 12/01/23
Gasoline Range Organics (C6-C10)	46.7	20.0	50.0	ND	93.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.56		8.00		94.5	70-130			
Matrix Spike Dup (2348088-MSD2)				Source:	E311231-(	06	Prepared: 1	1/30/23 A	nalyzed: 12/01/23
Gasoline Range Organics (C6-C10)	49.1	20.0	50.0	ND	98.2	70-130	4.93	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.58		8.00		94.8	70-130			

envirotech Inc.

## **QC Summary Data**

		QC DI		ary Data	u .				
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	(	Bell lake 24 Fec 11058-0007 Fom Bynum	l. 1H				<b>Reported:</b> 12/6/2023 2:43:29PM
	Nonh	alogenated Orga	anics by	7 EPA 8015E	) - 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
Blank (2349028-BLK1)							Prepared: 1	2/05/23 A	analyzed: 12/05/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.3		50.0		96.6	50-200			
LCS (2349028-BS1)							Prepared: 1	2/05/23 A	analyzed: 12/05/23
Diesel Range Organics (C10-C28)	219	25.0	250		87.7	38-132			
Surrogate: n-Nonane	47.6		50.0		95.2	50-200			
Matrix Spike (2349028-MS1)				Source:	E311231-	05	Prepared: 1	2/05/23 A	analyzed: 12/05/23
Diesel Range Organics (C10-C28)	225	25.0	250	ND	89.9	38-132			
Surrogate: n-Nonane	47.8		50.0		95.7	50-200			
Matrix Spike Dup (2349028-MSD1)				Source:	E311231-	05	Prepared: 1	2/05/23 A	analyzed: 12/05/23
Diesel Range Organics (C10-C28)	215	25.0	250	ND	86.1	38-132	4.35	20	
Surrogate: n-Nonane	47.2		50.0		94.5	50-200			



### **QC Summary Data**

				J						
Pima Environmental Services-Carlsbad		Project Name:	I	Bell lake 24 Fec	1. 1H				Re	ported:
PO Box 247		Project Number:	C	01058-0007						
Plains TX, 79355-0247		Project Manager:	7	fom Bynum					12/6/202	3 2:43:29PM
		Anions	by EPA	300.0/9056A	١				Analy	vst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limi		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%		Notes
Blank (2349010-BLK1)							Prepared:	12/04/23	Analyzed:	12/04/23
Chloride	ND	20.0								
LCS (2349010-BS1)							Prepared:	12/04/23	Analyzed:	12/04/23
Chloride	248	20.0	250		99.2	90-110				
Matrix Spike (2349010-MS1)				Source:	E311228-0	3	Prepared:	12/04/23	Analyzed:	12/04/23
Chloride	7460	200	250	7840	NR	80-120				M4
Matrix Spike Dup (2349010-MSD1)				Source:	E311228-0	3	Prepared:	12/04/23	Analyzed:	12/04/23
Chloride	7500	200	250	7840	NR	80-120	0.479	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.



	2 • • • • • • • • • • • •		
Pima Environmental Services-Carlsbad	Project Name:	Bell lake 24 Fed. 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	12/06/23 14:43

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.

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.



Pro	iect	Information

Page <u>3</u> of <u>4</u>

Project Info	ormatio	n				Cha	in of Custody												Page	3	_of
Client: Pir Project: P Project Ma Address: (	anager: 5614 N	Tom By Lovingt	num on Hwy.		Addı <u>City,</u>	State, Zip		Цар EZ		-1#1 3)		Sonly Iob N DIOE Analysi	imbe 8-C	r S Metho	1D d	2D	TA 3D	r Standa X			gram SDWA RCRA
<u>City, State</u> Phone: 5 Email: to Report du	80-748 pm@pii				<u>Pho</u> Ema Pirr			DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		C NM	۲ ۲		NM X	Sta CO UT	ate AZ	тх
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	<u>,</u>		Lab Number	DRO/	GRO/	BTEX	ÿ	Meta	CHO		BGDOC	BGDOC	<b> </b>		Ren	narks	
10:35	11/28	5		56-	<u>۱՝                                     </u>		$\mathbf{N}$								X				········		
10:41	}			36-	Z		2														
10:53		$\prod$		\$6-	3'		3														
11:08					Ч`	<u></u>	4								Π						
:/0				SWI	(0-4'	) comp	5		ŀ						$\uparrow\uparrow$						
<u>  : 7</u>	-			SUIZ	(0-4)		- U			$\neg$	_										
				SW3	(0-4')		1								+	+	+				
<u>]/: 21</u>				504		\ \			$\left\{ - \right\}$	-					+	┢	╂╌┨	_			
11:33		+ $+$			<u>(0-4</u>	) Comp	9								++		┼╌┤				
: 3 <b>9</b>		$\square$		SMZ	(0-4)	<u> </u>	<u> </u>			_					++						
:43				SWO	(0-4)		ND														
Additiona						B# 2102157	8					<b>C</b>		- the		ation m	uct be con	eived on ice t	ha day they a	a sampler	or receiv
				icity of this sample nay be grounds for		hat tampering with or intentionally misla <u>Sampled by:</u>	belling the sample	locati	on,						np above	0 but k	ess than 6	°C on subseq			
Relinquishe	n A	fame	Date	29/23 Tim	2:15	Received by: (Signature) WWWW Received by; (Signature)	Date	23	Time Time	15		Rece	ived	on ice;		ab U ()/ N	se On I	l <b>y</b>			
Relinquishe	ulu_	for	- U Date	<u>- 7-23 (</u> Tim	<u>645</u>	Received by: (Signature)	Date	9.2	17 Time	$\frac{2}{2}$	>	<u>11</u>			12 八			_ 13_			
Antre		ABO	- Studge A	1.9.13 2	300	gmanho	Containe		<u>  7.</u>	<u>3C</u>		AVG			4 ber gla		- VOA				
Note: Same	les are di	scarded 30	days after re	sults are reporte	d unless oth	er arrangements are made. Hazard	ous samples will	be re	turned	to clie	nt or	dispos	ed of	at the cl	lent ex	pense	. The r	eport for t	he analysis	of the a	bove
samples is a	applicable	e only to tho	se samples i	received by the la	aporatory wi	th this COC. The liability of the labora	atory is innited t	o ute		. hain j								ro			

Рго	iect	Information

Page 4 of 4

Project Information		, <b>c</b>	Chain of Custody	ı										Page 4	_of
Client: Pima Environment Project: Bell lake 24 Project Manager: Tom By Address: 5614 N. Lovingto	I Fed.   H Inum Ion Hwy.	Attention: Dev on Address: City, State, Zip		BEX.	w.c# 311	`la  23\			iber K-OC	1D Nod	2D	TA 3D	T Standard X		gram SDWA RCRA
City, State, Zip Hobbs, NA Phone: 580-748-1613 Email: tom@pimaoil.cor Report due by:	m	Phone: Email: Pima Project # \2(-)		DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010 Chioride 300.0		C NM	ř 오				тх
Time Date Sampled Sampled Matrix	No. of Containers Sample ID		Lab Number	DRO/	GRO/	BTEX	<u>ÿ</u>	Chlor		BGDOC	BGDOC			Remarks	
11:59 11/20 7	5W7	7 (о-ч') сотр	M							<u> </u>	·				
12:06	SW8	(0-4') COMP	N											·····	
12:19	B61		V3							1	•				
									$\uparrow \uparrow$	T					
	1 1			1		<u> </u>	†-		++		1				
	+			+		$\left\{ - \right\}$			+		+				
	<u> </u>			<u>+</u>	-	$\left  \right $	-+		+		+	┼╌┨			
	<b></b>	······		$\vdash$					++			┼╌┨			<u></u>
	<u> </u>			<u>.</u>			-+		+			$\left  \right $			
				<u> </u>			<u> </u>		+			$\left  \right $			
Additional Instructions:		B#210215	,28												
I, (field sampler), attest to the validity date or time of collection is considered		e. I am aware that tampering with or intentionally m or legal action. <u>Sampled by:</u>	nislabelling the sample	e locati	ion,		S P	amples rec acked in ic	uiring ther te at an avg	mai preserv temp abov	vation m re 0 but l	ust be rec ess than 6	ceived on ice the day 5 °C on subsequent of	y they are sampled lays.	or receiv
Relinquished by: (Signature) LOW (ME Adam Relinquished by: (Signature)	me Date 29/27 Tim		Date		Time Time	115		(eceive	ed on ic	:e: (	Lab L Y)/ I	lse On V	lý		
Miculu Curry Relinguished by: (Signature)	- 11-29-23 [ Date 11-29.23 7	ne Beceived by: (Signature)	0ate	<u>9.2</u> 123	Time	<u>70</u> 70	0	TI VG Te	mp °C	12 			<u>13</u>		
Sample Matrix: S - Soil, Sd - Solid, Sg	- Sludge, A - Aqueous, O - Other	r	Containe	r Typ	e: g -	glass,	p - po	y/plast	ic, ag - a	mber g	lass, v	- VOA	report for the a	naivsis of the a	bove
Note: Samples are discarded 30 ( samples is applicable only to tho	days after results are reporte se samples received by the I	ed unless other arrangements are made. Haz laboratory with this COC. The liability of the lab	ardous samples wil boratory is limited t	l be re to the	amou	d to cli nt paid	foron	the repo	ort.						

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

	Pima Environmental Services-Carlsbad	Date Received:	11/30/23 0	7:30	Work Order ID: E311231			
Phone:	(575) 631-6977 I	Date Logged In:	11/30/23 0	8:30	Logged In By: Jordan Montano			
Email:		Due Date:	12/06/23 1	7:00 (4 day TAT)				
Chain o	f Custody (COC)							
	the sample ID match the COC?		Yes					
2. Does	the number of samples per sampling site location matcl	1 the COC	Yes					
3. Were	samples dropped off by client or carrier?		Yes	Carrier: C	Courrier			
4. Was th	he COC complete, i.e., signatures, dates/times, requeste	d analyses?	Yes					
5. Were	<ul> <li>Were all samples received within holding time?</li> <li>Note: Analysis, such as pH which should be conducted in the field,</li> <li>i.e, 15 minute hold time, are not included in this disucssion.</li> </ul>		Yes		<u>Comments/Resolution</u>			
<u>Sample</u>	<u>Turn Around Time (TAT)</u>							
6. Did th	ne COC indicate standard TAT, or Expedited TAT?		Yes		No. of containers not listed on COC per			
Sample	Cooler_				client.			
7. Was a	sample cooler received?		Yes					
8. If yes,	, was cooler received in good condition?		Yes		Split into 2 work orders due to the volume			
9. Was th	he sample(s) received intact, i.e., not broken?		Yes		-			
10. Were	e custody/security seals present?		No		of samples.			
11. If ye	s, were custody/security seals intact?		NA		E311230 & E311231			
12. Was t	the sample received on ice? If yes, the recorded temp is 4°C, i. Note: Thermal preservation is not required, if samples are r minutes of sampling		Yes					
13. If no	visible ice, record the temperature. Actual sample to	mperature: 4°	С					
	Container		-					
	aqueous VOC samples present?		No					
	VOC samples collected in VOA Vials?		NA					
	-							
16. Is the	e head space less than 6-8 mm (pea sized or less)?		NA					
	e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses?		NA NA					
17. Was	a trip blank (TB) included for VOC analyses?							
17. Was 18. Are 1	a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers?	rs collected?	NA					
17. Was 18. Are 1 19. Is the	a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample containe	rs collected?	NA Yes					
<ol> <li>17. Was</li> <li>18. Are 1</li> <li>19. Is the</li> <li>Field La</li> </ol>	a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample containe		NA Yes					
<ol> <li>Was</li> <li>Are 1</li> <li>Is the</li> <li>Field La</li> <li>Were</li> </ol>	a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containe abel_		NA Yes					
17. Was 18. Are 1 19. Is the Field La 20. Were	a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containe <b>abel</b> e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected?		NA Yes Yes					
17. Was 18. Are 1 19. Is the Field La 20. Were	a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containe abel e field sample labels filled out with the minimum inforr Sample ID? Date/Time Collected? Collectors name?		NA Yes Yes Yes					
17. Was 18. Are a 19. Is the Field La 20. Were Sample	a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containe abel e field sample labels filled out with the minimum inforr Sample ID? Date/Time Collected? Collectors name? Preservation	nation:	NA Yes Yes Yes No					
17. Was 18. Are a 19. Is the Field La 20. Were 3 0 0 5 5 0 0 5 5 0 0 0 5 5 0 0 0 5 5 0 0 0 5 1 0 0 1 0 1	a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample container abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were pres	nation:	NA Yes Yes Yes No					
17. Was 18. Are 1 19. Is the <b>Field La</b> 20. Were 20. Were 21. Does 22. Are 2	a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containe abel e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <u>Preservation</u> s the COC or field labels indicate the samples were preses sample(s) correctly preserved?	nation: served?	NA Yes Yes Yes No No					
17. Was 18. Are 1 19. Is the Field La 20. Were 20. Were 21. Does 22. Are 2 24. Is lat	a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containe <b>abel</b> e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <b>Preservation</b> s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filteration required and/or requested for dissolved me	nation: served?	NA Yes Yes Yes No					
17. Was 18. Are 1 19. Is the Field La 20. Were 20. Were 21. Does 22. Are 2 24. Is lat Multiph	a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containe <b>abel</b> e field sample labels filled out with the minimum inforr Sample ID? Date/Time Collected? Collectors name? <b>Preservation</b> s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filteration required and/or requested for dissolved me <b>mase Sample Matrix</b>	nation: served? tals?	NA Yes Yes Yes No No NA No					
17. Was 18. Are 1 19. Is the Field La 20. Were 20. Were 21. Does 22. Are 9 24. Is lat Multiph 26. Does	a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containe <b>abel</b> e field sample labels filled out with the minimum inforr Sample ID? Date/Time Collected? Collectors name? <b>Preservation</b> s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filteration required and/or requested for dissolved me <b>tase Sample Matrix</b> s the sample have more than one phase, i.e., multiphase	nation: served? tals? ?	NA Yes Yes Yes No No NA No					
17. Was 18. Are n 19. Is the <b>Field La</b> 20. Were 20. Were 21. Does 22. Are s 24. Is lat <b>Multiph</b> 26. Does	a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containe <b>abel</b> e field sample labels filled out with the minimum inforr Sample ID? Date/Time Collected? Collectors name? <b>Preservation</b> s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filteration required and/or requested for dissolved me <b>mase Sample Matrix</b>	nation: served? tals? ?	NA Yes Yes Yes No No NA No					
17. Was 18. Are 1 19. Is the Field La 20. Were 20. Were 21. Does 22. Are 2 24. Is lat Multiph 26. Does 27. If ye	a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containe <b>abel</b> e field sample labels filled out with the minimum inforr Sample ID? Date/Time Collected? Collectors name? <b>Preservation</b> s the COC or field labels indicate the samples were pres- sample(s) correctly preserved? b filteration required and/or requested for dissolved me <b>tase Sample Matrix</b> s the sample have more than one phase, i.e., multiphase s, does the COC specify which phase(s) is to be analyz <b>tract Laboratory</b> .	nation: served? tals? ? ed?	NA Yes Yes Yes No NA No No NA					
17. Was 18. Are 1 19. Is the <b>Field La</b> 20. Were 20. Were 21. Does 22. Are 5 24. Is lat <u>Multiph</u> 26. Does 27. If ye <u>Subcont</u> 28. Are 5	a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? e appropriate volume/weight or number of sample containe <b>abel</b> e field sample labels filled out with the minimum inform Sample ID? Date/Time Collected? Collectors name? <b>Preservation</b> s the COC or field labels indicate the samples were prese sample(s) correctly preserved? b filteration required and/or requested for dissolved me <b>tase Sample Matrix</b> s the sample have more than one phase, i.e., multiphase s, does the COC specify which phase(s) is to be analyz	nation: served? tals? ? ed? ?	NA Yes Yes Yes No No NA No					

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



•



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 24 Fed. 1H

Work Order: E407169

Job Number: 01058-0007

Received: 7/23/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 7/23/24

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: 7/23/24

Gio Gomez PO Box 247 Plains, TX 79355-0247

Project Name: Bell lake 24 Fed. 1H Workorder: E407169 Date Received: 7/23/2024 5:00:00AM

Gio Gomez,



Page 106 of 128

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/23/2024 5:00:00AM, under the Project Name: Bell lake 24 Fed. 1H.

The analytical test results summarized in this report with the Project Name: Bell lake 24 Fed. 1H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding 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

Field Offices: Southern New Mexico Area Lynn Jarboe Laboratory Technical Representative Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com

Michelle Gonzales Client Representative Office: 505-421-LABS(5227) Cell: 505-947-8222 mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

•

## Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
CS1	5
CSW1	6
CSW2	7
CSW3	8
CSW4	9
QC Summary Data	10
QC - Volatile Organics by EPA 8021B	10
QC - Nonhalogenated Organics by EPA 8015D - GRO	11
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	12
QC - Anions by EPA 300.0/9056A	13
Definitions and Notes	
Chain of Custody etc.	15

CSW1

CSW2

CSW3

CSW4

Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:	Bell lake 24 Fed. 1H 01058-0007		Reported:	
Plains TX, 79355-0247		Project Manager:	Gio Gomez		07/23/24 15:47	
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container	
CS1	E407169-01A	Soil	07/19/24	07/23/24	Glass Jar, 2 oz.	

07/19/24

07/19/24

07/19/24

07/19/24

07/23/24

07/23/24

07/23/24

07/23/24

Glass Jar, 2 oz.

Glass Jar, 2 oz.

Glass Jar, 2 oz.

Glass Jar, 2 oz.

Soil

Soil

Soil

Soil

E407169-02A

E407169-03A

E407169-04A

E407169-05A
	~	ampie 2				
Pima Environmental Services-Carlsbad	Project Name	e: Bell	lake 24 Fed. 1H			
PO Box 247	Project Num	ber: 010:	58-0007			Reported:
Plains TX, 79355-0247	Project Mana	ager: Gio	Gomez			7/23/2024 3:47:21PM
		CS1				
		E407169-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: BA		Batch: 2430036
Benzene	ND	0.0250	1	07/23/24	07/23/24	
Ethylbenzene	ND	0.0250	1	07/23/24	07/23/24	
Toluene	ND	0.0250	1	07/23/24	07/23/24	
p-Xylene	ND	0.0250	1	07/23/24	07/23/24	
o,m-Xylene	ND	0.0500	1	07/23/24	07/23/24	
Fotal Xylenes	ND	0.0250	1	07/23/24	07/23/24	
Surrogate: 4-Bromochlorobenzene-PID		93.5 %	70-130	07/23/24	07/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: BA		Batch: 2430036
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/24	07/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.6 %	70-130	07/23/24	07/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: KM		Batch: 2430024
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/24	07/23/24	
Dil Range Organics (C28-C36)	ND	50.0	1	07/23/24	07/23/24	
Surrogate: n-Nonane		105 %	50-200	07/23/24	07/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: DT		Batch: 2430020
Chloride	ND	20.0	1	07/23/24	07/23/24	



	3	ample D	ลเล			
Pima Environmental Services-Carlsbad	Project Name:	Bell	lake 24 Fed. 1H	I		
PO Box 247	Project Numb	er: 010:	58-0007			Reported:
Plains TX, 79355-0247	Project Manag	ger: Gio	Gomez			7/23/2024 3:47:21PM
		CSW1				
		E407169-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2430036
Benzene	ND	0.0250	1	07/23/24	07/23/24	
Ethylbenzene	ND	0.0250	1	07/23/24	07/23/24	
Toluene	ND	0.0250	1	07/23/24	07/23/24	
o-Xylene	ND	0.0250	1	07/23/24	07/23/24	
p,m-Xylene	ND	0.0500	1	07/23/24	07/23/24	
Total Xylenes	ND	0.0250	1	07/23/24	07/23/24	
Surrogate: 4-Bromochlorobenzene-PID		92.9 %	70-130	07/23/24	07/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2430036
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/24	07/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.1 %	70-130	07/23/24	07/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2430024
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/24	07/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/24	07/23/24	
Surrogate: n-Nonane		105 %	50-200	07/23/24	07/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2430020
Chloride	ND	20.0	1	07/23/24	07/23/24	



	3	ample D	ลเล			
Pima Environmental Services-Carlsbad	Project Name:	Bell	lake 24 Fed. 1H	I		
PO Box 247	Project Numbe	er: 010	58-0007			Reported:
Plains TX, 79355-0247	Project Manag	ger: Gio	Gomez			7/23/2024 3:47:21PM
		CSW2				
		E407169-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2430036
Benzene	ND	0.0250	1	07/23/24	07/23/24	
Ethylbenzene	ND	0.0250	1	07/23/24	07/23/24	
Toluene	ND	0.0250	1	07/23/24	07/23/24	
o-Xylene	ND	0.0250	1	07/23/24	07/23/24	
p,m-Xylene	ND	0.0500	1	07/23/24	07/23/24	
Total Xylenes	ND	0.0250	1	07/23/24	07/23/24	
Surrogate: 4-Bromochlorobenzene-PID		93.2 %	70-130	07/23/24	07/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2430036
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/24	07/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.0 %	70-130	07/23/24	07/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2430024
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/24	07/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/23/24	07/23/24	
Surrogate: n-Nonane		113 %	50-200	07/23/24	07/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2430020
Chloride	ND	20.0	1	07/23/24	07/23/24	



	D	ample D	ata			
Pima Environmental Services-Carlsbad	Project Name:	Bell	lake 24 Fed. 11	Н		
PO Box 247	Project Numbe	er: 010	58-0007			Reported:
Plains TX, 79355-0247	Project Manag	ger: Gio	Gomez			7/23/2024 3:47:21PM
		CSW3				
		E407169-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: BA		Batch: 2430036
Benzene	ND	0.0250	1	07/23/24	07/23/24	
Ethylbenzene	ND	0.0250	1	07/23/24	07/23/24	
Toluene	ND	0.0250	1	07/23/24	07/23/24	
p-Xylene	ND	0.0250	1	07/23/24	07/23/24	
o,m-Xylene	ND	0.0500	1	07/23/24	07/23/24	
Fotal Xylenes	ND	0.0250	1	07/23/24	07/23/24	
Surrogate: 4-Bromochlorobenzene-PID		92.2 %	70-130	07/23/24	07/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: BA		Batch: 2430036
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/24	07/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.5 %	70-130	07/23/24	07/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: KM		Batch: 2430024
Diesel Range Organics (C10-C28)	ND	25.0	1	07/23/24	07/23/24	
Dil Range Organics (C28-C36)	ND	50.0	1	07/23/24	07/23/24	
Surrogate: n-Nonane		113 %	50-200	07/23/24	07/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: DT		Batch: 2430020
Chloride	ND	20.0	1	07/23/24	07/23/24	



D	ample D	ata			
Project Name:	: Bell	lake 24 Fed. 1H	I		
Project Numb	er: 0105	58-0007			Reported:
Project Manag	ger: Gio	Gomez			7/23/2024 3:47:21PM
	CSW4				
	E407169-05				
	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: BA		Batch: 2430036
ND	0.0250	1	07/23/24	07/23/24	
ND	0.0250	1	07/23/24	07/23/24	
ND	0.0250	1	07/23/24	07/23/24	
ND	0.0250	1	07/23/24	07/23/24	
ND	0.0500	1	07/23/24	07/23/24	
ND	0.0250	1	07/23/24	07/23/24	
	93.5 %	70-130	07/23/24	07/23/24	
mg/kg	mg/kg	Anal	yst: BA		Batch: 2430036
ND	20.0	1	07/23/24	07/23/24	
	96.3 %	70-130	07/23/24	07/23/24	
mg/kg	mg/kg	Anal	yst: KM		Batch: 2430024
ND	25.0	1	07/23/24	07/23/24	
ND	50.0	1	07/23/24	07/23/24	
	111 %	50-200	07/23/24	07/23/24	
mg/kg	mg/kg	Anal	yst: DT		Batch: 2430020
ND	20.0	1	07/22/24	07/23/24	
	Project Name Project Numb Project Manag Result mg/kg ND ND ND ND ND ND ND ND ND ND ND ND ND	Project Name:         Bell           Project Number:         0102           Project Manager:         Gio           Project Manager:         Gio           CSW4         E407169-05           E407169-05         Imit           mg/kg         mg/kg           ND         0.0250           ND         20.0           g/kg         mg/kg           mg/kg         mg/kg           MD         20.0           96.3 %         10           ND         50.0           ND         50.0           ND         50.0           ND         50.0           ND         50.	Project Name:         Bell lake 24 Fed. 1F           Project Number:         01058-0007           Project Manager:         Gio Gomez           CSW4           E407169-05           Result         Limit         Dilution           mg/kg         mg/kg         Anality           ND         0.0250         1           ND         20.0         1           mg/kg         mg/kg         Anality           ND         20.0         1           MD         20.0         1           ND         25.0         1           ND         50.0         1	Project Number:       01058-0007         Project Manager:       Gio Gomez         CSW4         E407169-05         Result       Limit       Dilution       Prepared         mg/kg       mg/kg       Analyst:       Marce         mg/kg       mg/kg       Analyst:       Marce         ND       0.0250       1       07/23/24         ND       20.0       1       07/23/24         MD       20.0       1       07/23/24         MD       20.0       1       07/23/24         MD       20.0       1       07/23/24         MD       25.0       1       07/23/24         ND       25.0	Project Name:         Bell lake 24 Fed. 1H           Project Number:         01058-0007           Project Manager:         Gio Gomez           CSW4           E407169-05           Result         Limit         Dilution         Prepared         Analyzed           Mp/g         mg/kg         Analyst: BA         V           ND         0.0250         1         07/23/24         07/23/24           ND         20.0         0         07/23/24         07/23/24           ND         20.0         1         07/23/24         07/23/24           MD         20.0         1 <t< td=""></t<>



## **OC Summary Data**

		<b>X C D</b>		ii y Data					
Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	01	ell lake 24 Feo 1058-0007 io Gomez	d. 1H				<b>Reported:</b> 7/23/2024 3:47:21PM
			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
	ilig/kg	iiig/kg	ilig/kg	ing/kg	70	70	70	70	Inotes
Blank (2430036-BLK1)							Prepared: 0	7/22/24 A	analyzed: 07/23/24
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	7.35		8.00		91.8	70-130			
LCS (2430036-BS1)							Prepared: 0	7/22/24 <i>A</i>	analyzed: 07/23/24
Benzene	4.89	0.0250	5.00		97.8	70-130			
Ethylbenzene	4.69	0.0250	5.00		93.8	70-130			
Toluene	4.81	0.0250	5.00		96.2	70-130			
o-Xylene	4.68	0.0250	5.00		93.7	70-130			
p,m-Xylene	9.50	0.0500	10.0		95.0	70-130			
Total Xylenes	14.2	0.0250	15.0		94.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.37		8.00		92.1	70-130			
LCS Dup (2430036-BSD1)							Prepared: 0	7/22/24 <i>I</i>	analyzed: 07/23/24
Benzene	5.13	0.0250	5.00		103	70-130	4.86	20	
Ethylbenzene	4.93	0.0250	5.00		98.6	70-130	5.01	20	
Toluene	5.05	0.0250	5.00		101	70-130	4.81	20	
p-Xylene	4.93	0.0250	5.00		98.6	70-130	5.15	20	
p,m-Xylene	10.0	0.0500	10.0		100	70-130	5.07	20	
Total Xylenes	14.9	0.0250	15.0		99.5	70-130	5.10	20	
Surrogate: 4-Bromochlorobenzene-PID	7.44		8.00		93.0	70-130			



## **QC Summary Data**

	$\mathbf{x} \in \mathbf{z}$							
	Project Name:			1. 1H				Reported:
	Project Number:	0	1058-0007					
	Project Manager:	C	Bio Gomez					7/23/2024 3:47:21PM
No	onhalogenated (	Organics	by EPA 80	15D - Gl	RO			Analyst: BA
	Reporting	Spike	Source		Rec	DDD		
Result	Limit	Level	Result					
mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
						Prepared: 0	7/22/24	Analyzed: 07/23/24
ND	20.0							
7.57		8.00		94.7	70-130			
						Prepared: 0	7/22/24	Analyzed: 07/23/24
42.2	20.0	50.0		84.4	70-130			
7.80		8.00		97.5	70-130			
						Prepared: 0	7/22/24	Analyzed: 07/23/24
42.1	20.0	50.0		84.3	70-130	0.127	20	
	Result mg/kg ND 7.57 42.2 7.80	Project Name:         Project Number:         Project Manager:         Nonhalogenated (         Result       Reporting         mg/kg       mg/kg         ND       20.0         7.57       20.0         42.2       20.0         7.80       20.0	Project Name:     F       Project Number:     0       Project Manager:     0       Spike     C       Limit     Level       mg/kg     mg/kg       ND     20.0       7.37     8.00       42.2     20.0       7.80     8.00	Project Name:       Bell lake 24 Fee         Project Number:       01058-0007         Project Manager:       Gio Gomez         Nonhalogenated Organics by EPA 80         Result       Spike       Source         mg/kg       mg/kg       mg/kg         ND       20.0       8.00         42.2       20.0       50.0         7.80       8.00	Project Number:       01058-0007         Project Manager:       Gio Gomez         Nonhalogenated Organics by EPA 8015D - GI         Result       Reporting       Spike       Source         Result       Reporting       mg/kg       mg/kg       Mg       %         ND       20.0       8.00       94.7         42.2       20.0       50.0       84.4         7.80       8.00       97.5	Project Name:       Bell lake 24 Fed. 1H         Project Number:       01058-0007         Project Manager:       Gio Gomez         Nonhalogenated Organics by EPA 8015D - GRO         Result       Reporting       Spike       Source       Rec       Limits         mg/kg       mg/kg       mg/kg       mg/kg       %       %         ND       20.0       94.7       70-130         42.2       20.0       50.0       84.4       70-130         7.80       8.00       97.5       70-130	Vertication of the section of the sect	Project Name:Bell lake 24 Fed. 1HProject Number:01058-0007Project Manager:Gio GomezNonhalogenated Organics by EPA 8015D - GROResultReporting LimitSpike LevelSource Result mg/kgRec %RPD %RPD %MD20.094.770-1307.578.0094.770-130Prepared: 07/22/2442.220.050.084.470-1307.8097.570-130Prepared: 07/22/24Prepared: 07/22/24



**Released to Imaging: 9/23/2024 10:56:42 AM** 

## **QC Summary Data**

envirotech Inc.

.

3

				- )					
Pima Environmental Services-Carlsbad PO Box 247		Project Name:		ell lake 24 Fec .058-0007	l. 1H				Reported:
PO Box 247 Plains TX, 79355-0247		Project Number: Project Manager:		io Gomez					7/23/2024 3:47:21PM
Flams 1X, /9555-024/		Project Manager:	G	lo Gomez					//25/2024 5.4/.21FM
	Nonh	alogenated Org	anics by	EPA 8015I	) - DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2430024-BLK1)							Prepared: 0'	7/22/24 A	Analyzed: 07/23/24
iesel Range Organics (C10-C28)	ND	25.0							
il Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	56.8		50.0		114	50-200			
.CS (2430024-BS1)							Prepared: 0'	7/22/24 A	Analyzed: 07/23/24
iesel Range Organics (C10-C28)	260	25.0	250		104	38-132			
urrogate: n-Nonane	57.3		50.0		115	50-200			
.CS Dup (2430024-BSD1)							Prepared: 0'	7/22/24 A	Analyzed: 07/23/24
iesel Range Organics (C10-C28)	312	25.0	250		125	38-132	18.4	20	

Page 12 of 16

## **QC Summary Data**

		-		v					
Pima Environmental Services-Carlsbad PO Box 247		Project Name: Project Number:		Bell lake 24 Fec 1058-0007	l. 1H				Reported:
Plains TX, 79355-0247		Project Manager:		Gio Gomez					7/23/2024 3:47:21PM
		Anions l	oy EPA	300.0/9056 <i>A</i>	1				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2430020-BLK1)							Prepared: 0	7/22/24	Analyzed: 07/23/24
Chloride	ND	20.0							
LCS (2430020-BS1)							Prepared: 0	7/22/24	Analyzed: 07/23/24
Chloride	246	20.0	250		98.2	90-110			
LCS Dup (2430020-BSD1)							Prepared: 0	7/22/24	Analyzed: 07/23/24
Chloride	246	20.0	250		98.6	90-110	0.369	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.



Pima Environmental Services-Carlsbad	Project Name:	Bell lake 24 Fed. 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	07/23/24 15:47

imit

- 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**

Released to

Imaging: 9/23/2024 10:56:42 AM

Page 1\_of

lient: Pima Envi				and the second	T	Bill To		No.		La	ab Us	ie Or	nly				TA	T		EPA PI	ogram
roject: Bell 10			11	-1760 T. 176	ention:		Lab	WO#	1			Num		1.0.0	2D	3D	Standa	rd	CWA	SDWA	
roject Manager:				1 State of the second	Iress:			EC	107	160				F 600	X	1		19209-0400	CALCULAR .		
ddress: 5614 N.				\$1082.9% MCG00	, State, Zip			-		-		Analy	ysis ar	d Metho	d			1000	No.		RCRA
ity, State, Zip Ho		1. 88240	······································	and the second second	one:																
hone: 806-782-				Em	ail:	- 1		3015	3015									NIA AL		State	TYL
mail: gio@pim eport due by:	auii.com			Pi	na Project a	# 121-		by 8	by 8	021	260	10	300.0		MN	×		NIVI	cont	JT AZ	TX
Time Date			T	No.			Lab	ORC	DRC	by 8	by 8.	ls 60	ide					~	-	_	
Sampled Sampled	Matrix	No. of Containers	Sample ID				Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC	BGDOC			R	lemarks	
10:00 7/19	5		CSI												X						1
T I	ſ		CG.	21			2								1						
51:0	-		( di	7			15		-		-		-		+-						
0:17			CSW	C			3			-					11	-		-			
0:23			NW	3			4														
			MI	11	-		-								1						
):29-1-	1		al	14			5	-				-			-			_			
							1.00									-					
		-						-	-	-	-		-		-	-					
							11														
								-	-	-	-		-		-			-			
								-													
							1		-		-		-		-			-			
							150.00														
			1						-		1	-	-		-	-					
																		-			
dditional Instruc	tions:			RI	1/inc-	4211	24528	,													
(Field sevented) attacts	theuslit		laite of this and	DI	1		the second se	_				Same	les requi	ring thermal	nreserva	tion m	ist he rec	eived on ice th	e day the	v are canel	ad or meatin
(field sampler), attest to ate or time of collection						mpled by:	mistabening me samp	elocati	un,									°C on subsequ		are sample	a of receive
elinquished by: (Signa		Date	Tit Tit	me			Ø Date		Time			1	1		ĩ	abU	se On	lv .	1.2017	-	
Verime Ad		7	22/24	1:50	Poliche	(Signature)	ales 722:	14	11	350	C	Rec	eiver	on ice:		/ N		y			
elinquished by: (Sign	ature)	Date	Ti	me	Received by:	(Signature)	Date		Time			Ince	civee	i on ice.	0	,,					
Michelle G	ionard	ec 7.	22.24	1620	A.M		7.22	.24	1.	73	0	T1			T2			Т3			
elinguished by: (Sign		Date	Ti	me	Received by:	(Signature)	Date Date	-	Time											1	
L.M.		7.	22.24	2345	Kuch	WA KH	1990 7-23	-24	D	500	D	AVC	3 Ten	np °C	-						
ample Matrix: S - Soil, S	l - Solid, Sg -				1	/	Containe	er Type		-		Court Aller	Quint Statistics	ag - amb	er gla	ss, v -	VOA			Water Barris	the states
ote: Samples are disc					er arrangemen	ts are made. Ha	the second se		_	_		-	_					eport for th	e analys	sis of the	above
amples is applicable of	only to thos	e samples i	received by the	laboratory w	th this COC. The	e liability of the la	aboratory is limited	o the a	amour	nt paid	d for o	n the	report								-
											4	C	3	-				ro	1	-	
												-	>			V					

Page 119 of 128

### **Envirotech Analytical Laboratory**

### Sample Receipt Checklist (SRC)

lient:	Pima Environmental Services-Carlsbad Da	te Received:	07/23/24 0	05:00	Work Order ID: E407169
Phone:	(575) 631-6977 Da	te Logged In:	07/22/24	16:29	Logged In By: Noe Soto
Email:	gio@pimaoil.com Du	ie Date:	07/23/24	17:00 (0 day TAT)	
Chain o	f Custody (COC)				
1. Does t	the sample ID match the COC?		Yes		
2. Does t	the number of samples per sampling site location match	the COC	Yes		
3. Were	samples dropped off by client or carrier?		Yes	Carrier: C	<u>Courrier</u>
4. Was tl	he COC complete, i.e., signatures, dates/times, requested	analyses?	No		
5. Were	all samples received within holding time? Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion.	e field,	Yes		Comments/Resolution
Sample '	<u>Turn Around Time (TAT)</u>				
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes		No. of containers and Sampler name
Sample	<u>Cooler</u>				missing on COC by client.
7. Was a	sample cooler received?		Yes		
8. If yes,	, was cooler received in good condition?		Yes		
9. Was th	he sample(s) received intact, i.e., not broken?		Yes		
10. Were	e custody/security seals present?		No		
11. If yes	s, were custody/security seals intact?		NA		
12. Was t	he sample received on ice? If yes, the recorded temp is 4°C, i.e., Note: Thermal preservation is not required, if samples are rec minutes of sampling		Yes		
13 If no	visible ice, record the temperature. Actual sample ten	operature: 4°	С		
	Container	<u> </u>	<u> </u>		
	aqueous VOC samples present?		No		
	VOC samples collected in VOA Vials?		NA		
	e head space less than 6-8 mm (pea sized or less)?		NA		
	a trip blank (TB) included for VOC analyses?		NA		
18. Are 1	non-VOC samples collected in the correct containers?		Yes		
19. Is the	appropriate volume/weight or number of sample containers	collected?	Yes		
Field La	ibel				
20. Were	e field sample labels filled out with the minimum information	ation:			
	Sample ID?		Yes		
	Date/Time Collected? Collectors name?		Yes	•	
	Preservation		No		
	s the COC or field labels indicate the samples were prese	rved?	No		
	sample(s) correctly preserved?		NA		
	b filteration required and/or requested for dissolved meta	ls?	No		
	ase Sample Matrix				
	s the sample have more than one phase, i.e., multiphase?		No		
	s, does the COC specify which phase(s) is to be analyzed	1?	NA		
			1 1/1		
	tract Laboratory_ samples required to get sent to a subcontract laboratory?		No		
	a subcontract laboratory specified by the client and if so	who?	NA	Subcontract Lab	· NA
	a succentrater nucleation y specified by the chefit and it so		11/1	Subcontract Lab	. 11/2

Date

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

District I

1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 377300

QUESTIONS		
Operator:	OGRID:	
DEVON ENERGY PRODUCTION COMPANY, LP	6137	
333 West Sheridan Ave.	Action Number:	
Oklahoma City, OK 73102	377300	
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

#### QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2209658720
Incident Name	NAPP2209658720 BELL LAKE 24 FEDERAL #001H @ 30-025-41182
Incident Type	Oil Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-025-41182] BELL LAKE 24 FEDERAL #001H

#### Location of Release Source

lease answer all the questions in this group.	
Site Name	BELL LAKE 24 FEDERAL #001H
Date Release Discovered	04/06/2022
Surface Owner	Federal

#### Incident Details

Please answer all the questions in this group.

Incident Type	Oil 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	Νο
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. Cause: Equipment Failure | Other (Specify) | Crude Oil | Released: 3 BBL | Recovered: 0 BBL Crude Oil Released (bbls) Details | Lost: 3 BBL Cause: Equipment Failure | Other (Specify) | Produced Water | Released: 3 BBL | Recovered: Produced Water Released (bbls) Details 0 BBL | Lost: 3 BBL Is the concentration of chloride in the produced water >10,000 mg/l Yes Condensate Released (bbls) Details Not answered. Natural Gas Vented (Mcf) Details Not answered. Natural Gas Flared (Mcf) Details Not answered. Other Released Details Not answered. Was notified that the Bell Lake 24-4 well casing needed bleed down for the pulling unit. Went to the facility to check it before opening the well and found that the 4H vessel had popped off and sprayed fluid into the field off the pad. The rig consultant and crew had already tried to Are there additional details for the questions above (i.e. any answer containing bleed down the well and over pressured the vessel causing it to pop off. Well was already Other, Specify, Unknown, and/or Fire, or any negative lost amounts) shut in to prevent further release. Spill did not stay on pad. Spill was not in a lined containment. Estimated fluid released was 7.6 bbls of oil/produced water mix. No fluids were recovered due to it being a spray.

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3470 Fax: (505) 476-3462

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

Page 122 of 128

QUESTIONS, Page 2

Action 377300

QUESTIONS (continued)		
Operator:	OGRID:	
DEVON ENERGY PRODUCTION COMPANY, LP	6137	
333 West Sheridan Ave.	Action Number:	
Oklahoma City, OK 73102	377300	
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

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

Initial	Response
---------	----------

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.		
The source of the release has been stopped	True	
The impacted area has been secured to protect human health and the environment	True	
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True	
All free liquids and recoverable materials have been removed and managed appropriately	False	
If all the actions described above have not been undertaken, explain why	No fluids were recoverable. Impacted area will be remediated.	
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@dvn.com Date: 08/25/2024	

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

Page 123 of 128

QUESTIONS, Page 3

Action 377300

QUESTIONS (continued)		
Operator:	OGRID:	
DEVON ENERGY PRODUCTION COMPANY, LP	6137	
333 West Sheridan Ave.	Action Number:	
Oklahoma City, OK 73102	377300	
	Action Type:	
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

#### QUESTIONS

Site Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 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)	Between 1 and 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	Νο	

#### Remediation Plan

1 0 1	plan approval with this submission	Yes
Attach a comprehensive report der	nonstrating the lateral and vertical extents of soil contamination	on associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.
Have the lateral and vertical	l extents of contamination been fully delineated	Yes
Was this release entirely co	ontained within a lined containment area	No
Soil Contamination Sampling	: (Provide the highest observable value for each, in n	nilligrams per kilograms.)
Chloride	(EPA 300.0 or SM4500 CI B)	1510
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	38
GRO+DRO	(EPA SW-846 Method 8015M)	38
BTEX	(EPA SW-846 Method 8021B or 8260B)	0
Benzene	(EPA SW-846 Method 8021B or 8260B)	0
Per Subsection B of 19.15.29.11 N		0 ed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMA
Per Subsection B of 19.15.29.11 N which includes the anticipated time	, IMAC unless the site characterization report includes complete	
Per Subsection B of 19.15.29.11 N which includes the anticipated time On what estimated date wil	MAC unless the site characterization report includes complete elines for beginning and completing the remediation.	ed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMA
Per Subsection B of 19.15.29.11 N which includes the anticipated time On what estimated date wil On what date will (or did) th	MAC unless the site characterization report includes complete elines for beginning and completing the remediation. I the remediation commence	ed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMA 07/01/2024
Per Subsection B of 19.15.29.11 N which includes the anticipated time On what estimated date wil On what date will (or did) th On what date will (or was) t	IMAC unless the site characterization report includes complete elines for beginning and completing the remediation. I the remediation commence he final sampling or liner inspection occur	ed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMA 07/01/2024 07/19/2024
Per Subsection B of 19.15.29.11 N which includes the anticipated time On what estimated date wil On what date will (or did) th On what date will (or was) t What is the estimated surfa	MAC unless the site characterization report includes complete elines for beginning and completing the remediation. I the remediation commence he final sampling or liner inspection occur he remediation complete(d)	ed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMA 07/01/2024 07/19/2024 07/23/2024
Per Subsection B of 19.15.29.11 N which includes the anticipated time On what estimated date will On what date will (or did) th On what date will (or was) t What is the estimated surfa What is the estimated volun	MAC unless the site characterization report includes complete elines for beginning and completing the remediation. I the remediation commence he final sampling or liner inspection occur he remediation complete(d) ice area (in square feet) that will be reclaimed	ed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMA 07/01/2024 07/19/2024 07/23/2024 33
Per Subsection B of 19.15.29.11 N which includes the anticipated time On what estimated date will On what date will (or did) th On what date will (or was) t What is the estimated surfa What is the estimated volun What is the estimated surfa	MAC unless the site characterization report includes complete elines for beginning and completing the remediation. I the remediation commence the final sampling or liner inspection occur the remediation complete(d) ice area (in square feet) that will be reclaimed me (in cubic yards) that will be reclaimed	ed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMA 07/01/2024 07/19/2024 07/23/2024 33 2

significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3470 Fax: (505) 476-3462

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

Page 124 of 128

Action 377300

QUESTIONS (continued)		
Operator: DEVON ENERGY PRODUCTION COMPANY, LP	OGRID: 6137	
333 West Sheridan Ave. Oklahoma City, OK 73102	Action Number: 377300	
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

### QUESTIONS

Remediation Plan (continued)

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date. This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants: (Select all answers below that apply.)

(Select an answers below that apply.)	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	LEA LAND LANDFILL [fEEM0112342028]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed ef which includes the anticipated timelines for beginning and completing the remediation.	forts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,
to report and/or file certain release notifications and perform corrective actions for relea the OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are required ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale Woodall@dvn.com

Date: 08/25/2024 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.

Email: Dale.Woodall@dvn.com

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3470 Fax: (505) 476-3462

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

Page 125 of 128

QUESTIONS (continued)	
Operator: DEVON ENERGY PRODUCTION COMPANY, LP	OGRID: 6137
333 West Sheridan Ave. Oklahoma City, OK 73102	Action Number: 377300
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

#### QUESTIONS D. (

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

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS, Page 6

Action 377300

QUESTIONS (continued)	
Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	377300
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	364819
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	07/19/2024
What was the (estimated) number of samples that were to be gathered	5
What was the sampling surface area in square feet	76

**Remediation Closure Request** 

Only answer the questions in this group if seeking remediation closure for this release because all re	emediation steps have been completed.
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	33
What was the total volume (cubic yards) remediated	2
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	33
What was the total volume (in cubic yards) reclaimed	2
Summarize any additional remediation activities not included by answers (above)	see report
	closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of
to report and/or file certain release notifications and perform corrective actions for releas the OCD does not relieve the operator of liability should their operations have failed to a water, human health or the environment. In addition, OCD acceptance of a C-141 repor	knowledge and understand that pursuant to OCD rules and regulations all operators are required ses which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or ially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed ng 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: 08/25/2024
--	--

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170 District IV

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3470 Fax: (505) 476-3462

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

QUESTIONS, Page 7

Action 377300

Page 127 of 128

QUESTIONS (continued)	
Operator: DEVON ENERGY PRODUCTION COMPANY, LP	OGRID: 6137
333 West Sheridan Ave. Oklahoma City, OK 73102	Action Number: 377300
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)
QUESTIONS	
Reclamation Report	

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

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3470 Fax: (505) 476-3462

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

CONDITIONS

Action 377300

CONDITIONS		
Operator:	OGRID:	
DEVON ENERGY PRODUCTION COMPANY, LP	6137	
333 West Sheridan Ave.	Action Number:	
Oklahoma City, OK 73102	377300	
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

#### CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #NAPP2209658720 BELL LAKE 24 FEDERAL #001H, thank you. This Remediation Closure Report is approved.	9/23/2024