

<b>Spill Volume(Bbls) Calculator</b>		
<i>Inputs in blue, Outputs in red</i>		
Contaminated Soil measurement		
Length(Ft)	Width(Ft)	Depth(Ft)
<u>20</u>	<u>30.000</u>	<u>0.083</u>
Cubic Feet of Soil Impacted		<u>49.800</u>
Barrels of Soil Impacted		<u>8.88</u>
Soil Type		Clay/Sand
Barrels of Oil Assuming 100% Saturation		<u>1.33</u>
Saturation	Fluid present with shovel/backhoe	
Estimated Barrels of Oil Released		1.33
Free Standing Fluid Only		
Length(Ft)	Width(Ft)	Depth(Ft)
<u>15</u>	<u>20.000</u>	<u>0.042</u>
Standing fluid		<u>2.241</u>
<b>Total fluids spilled</b>		<b>3.573</b>

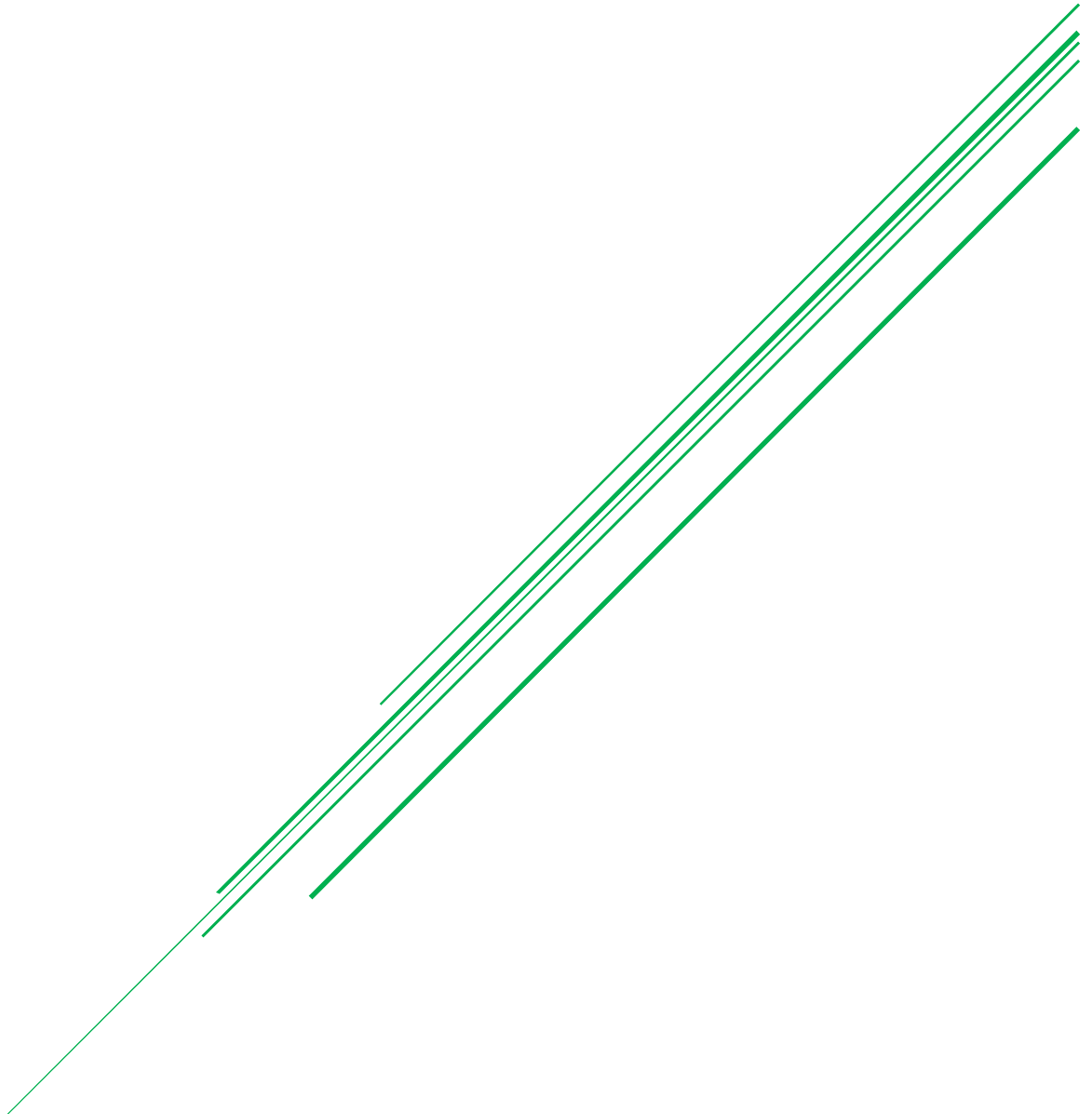
<b>Spill Volume(Bbls) Calculator</b>	
<i>Inputs in blue, Outputs in red</i>	
Contaminated Soil measurement	
Area (square feet)	Depth(inches)
<u>25803</u>	<u>0.063</u>
Cubic Feet of Soil Impacted	<u>134.391</u>
Barrels of Soil Impacted	<u>23.96</u>
Soil Type	Clay/Sand
Barrels of Oil Assuming 100% Saturation	<u>3.59</u>
Saturation	Fluid present with shovel/backhoe
Estimated Barrels of Oil Released	3.59
Free Standing Fluid Only	
Area (square feet)	Depth(inches)
Standing fluid	<u>0.000</u>
<b>Total fluids spilled</b>	<b>3.593</b>

<b>Spill Volume(Bbls) Calculator</b>	
<i>Inputs in blue, Outputs in red</i>	
<b>Contaminated Soil measurement</b>	
Area (square feet)	Depth(inches)
<u>3106</u>	<u>0.063</u>
Cubic Feet of Soil Impacted	<u>16.177</u>
Barrels of Soil Impacted	<u>2.88</u>
Soil Type	Sand
Barrels of Oil Assuming 100% Saturation	<u>0.58</u>
Saturation	Fluid present with shovel/backhoe
Estimated Barrels of Oil Released	0.58
<b>Free Standing Fluid Only</b>	
Area (square feet)	Depth(inches)
<u>0</u>	<u>0.000</u>
Standing fluid	<u>0.000</u>
<b>Total fluids spilled</b>	<b>0.577</b>

# ALDABRA 25 FED #1H

Remediation Closure Report

nRM2024823786



By Pima Environmental Services, LLC  
For Devon Energy Production, LP

August 5, 2024

Bureau of Land Management  
620 East Green Street  
Carlsbad, NM 88220

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

**Re: Remediation Closure Report**  
**Aldabra 25 Fed #1H API No. 30-015-38612**  
**GPS: Latitude 32.2686806 Longitude -103.7379837**  
**ULSTR – M – 25 – 23S – 31E 200FSL 635 FWL Eddy County, NM**  
**NMOCD Incident ID nRM2024823786**

This crude oil and produced water mixed release was initially discovered on July 8, 2020. An initial C-141 form was submitted on September 4, 2020, and approved by the NMOCD (OCD Online: Permitting – Application ID 9951). This incident was assigned Incident ID nRM2024823786, by the New Mexico Oil Conservation Division (NMOCD).

#### **Site Information and Site Characterization**

The Aldabra 25 Fed Com #1H (Aldabra) is located approximately twenty (20) miles east of Malaga, NM. The release area in the pasture is in Unit M, Section 25, Township 23S, Range 31E, Latitude 32.2692483 Longitude -103.7364241, Eddy County, NM. A Location Map can be found in Figure 1.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology in this area is made up of eolian and piedmont deposits; Interlayered eolian sands and piedmont-slope deposits along the eastern flank of the Pecos River valley, primarily between Roswell and Carlsbad. Typically capped by thin eolian deposits. The soil in this area is made up of Kermit-Berino fine sands, 0 to 3 percent slopes, according to the United States Department of Agriculture Natural Resources Conservation Service soil survey. The drainage class in this area is: excessively drained (Appendix B). A Topographic Map can be found in Figure 2. The nearest surface water feature is a United Salt Mines Pond located approximately 11.8 miles to the northeast of this site. There is a low potential for karst geology to be present around the Aldabra (Figure 3).

According to the New Mexico Office of the State Engineer, depth to the nearest groundwater in this area is greater than 55 feet below grade surface (BGS). According to the United States Geological Survey well water data, depth to the nearest groundwater in this area is greater than 100 feet BGS. The groundwater information from C-04790-POD1, which is approximately 1,023 feet to the east of this release area, establishes a lack of groundwater at 55' bgs. This POD was drilled and recorded by Vision Resources on February 6, 2024. The well bore was left open for the required 72-hour timeframe then checked for saturation. No saturation or water-bearing soil was encountered, the well was then plugged on February 10, 2024. Depth to groundwater at the Aldabra will be classified as 51-100' BGS. Reference water surveys, pod information, and water-related maps can be found in Appendix A.

#### **Release Information**

**nRM2024823786**: On July 8, 2020, Rupture in the flowline causing fluid release. Coordinates above are location of the spill. The facility coordinates in charge of the spill are 32.268815 -103.732978. This spill was not in containment. Approximately 5.7 barrels (bbls) of crude oil and 2 bbls of produced water were released into the pasture. No fluids were able to be recovered.

#### **Countermeasures due to Remediation Closure Report Denied**

On March 20, 2024, the NMOCD denied the remediation closure report citing:

"The OCD has rejected the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nRM2024823786, for the following reasons:

- **This closure is denied. An aerial review using Google Earth indicates that no flow line is present at 32.2691 -103.7631. However, a visible scar located approximately 100 feet to the northwest appeared between 2017 and 2023. A flowline can be identified**



in association with this scar. The areal figure from Google Earth included in the report matches the 2017 imagery. This imagery is not consistent with the most recent imagery. Refer to previously submitted reports that indicate significant impact and remedial activities with a gps location of 32.2692483 -103.7364241. Submit a report via the OCD permitting portal by May 1, 2024.

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 322524. Please review and make the required correction(s) prior to resubmitting. If you have any questions why this application was rejected or believe it was rejected in error, please contact me prior to submitting an additional C-141."

On March 26, 2024, Pima personnel mobilized to the site to assess the "visible scar" area referenced in the closure denial comments. This area surrounds the GPS coordinates 32.2692483, -103.7364241 and is just south of an above-ground poly flowline. Samples were collected from 7 different sample locations at depth intervals of 1' down to a total depth of 4' with intentions of finding vertical delineation. Samples were also collected from what were believed to be the horizontal edges of the release in question. These samples were also collected from 7 different locations and were composite samples consisting of 0-4' samples from each location. All samples were put on ice, jarred, and delivered to the lab for official testing. All samples were tested for all constituents. The sample results can be found in the following data table. A corresponding Site Map can be found in Figure 4.

### 3/26/24 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
DEVON ENERGY - ALDABRA 25 FED #1H - nRM2024823786								
Date: 3/26/24		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
S1	1'	ND	ND	ND	ND	ND	0	67.4
	2'	ND	ND	ND	86.6	ND	86.6	77.3
	3'	ND	ND	ND	ND	ND	0	39.8
	4'	ND	ND	ND	ND	ND	0	ND
S2	1'	ND	ND	ND	ND	ND	0	70.8
	2'	ND	ND	ND	125	ND	125	80.2
	3'	ND	ND	ND	ND	ND	0	51.9
	4'	ND	ND	ND	ND	ND	0	ND
S3	1'	ND	ND	ND	ND	ND	0	60.1
	2'	ND	ND	ND	64.5	ND	64.5	94.1
	3'	ND	ND	ND	ND	ND	0	45.2
	4'	ND	ND	ND	ND	ND	0	ND
S4	1'	ND	ND	ND	ND	ND	0	74.7
	2'	ND	ND	ND	209	83.2	292.2	87.1
	3'	ND	ND	ND	ND	ND	0	48.9
	4'	ND	ND	ND	29	ND	29	ND
S5	1'	ND	ND	ND	ND	ND	0	53.8
	2'	ND	ND	ND	424	175	599	113
	3'	ND	ND	ND	ND	ND	0	43.2
	4'	ND	ND	ND	ND	ND	0	ND
S6	1'	ND	ND	ND	ND	ND	0	63.2
	2'	ND	ND	ND	147	64.1	211.1	88.6
	3'	ND	ND	ND	ND	ND	0	41.3
	4'	ND	ND	ND	32.2	ND	32.2	ND
S7	1'	ND	ND	ND	ND	ND	0	71.6
	2'	ND	ND	ND	292	114	406	79
	3'	ND	ND	ND	1410	637	2047	34.3
	4'	ND	ND	ND	ND	ND	0	ND
SW1	0-4'	ND	ND	ND	ND	ND	0	ND
SW2	0-4'	ND	ND	ND	ND	ND	0	ND
SW3	0-4'	ND	ND	ND	ND	ND	0	ND
SW4	0-4'	ND	ND	ND	ND	ND	0	ND
SW5	0-4'	ND	ND	ND	ND	ND	0	ND
SW6	0-4'	ND	ND	ND	ND	ND	0	ND
SW7	0-4'	ND	ND	ND	ND	ND	0	ND

## Remediation Activities

On July 26, 2024, the Devon construction department and Pima Environmental mobilized personnel and equipment to the site to begin excavating the contaminated areas. The 404 square foot area surrounding sample point S7 was excavated to a depth of approximately 3.5' bgs. The 1,173 square foot area surrounding sample points S2, S4, S5, and S6 were excavated to a depth of approximately 2.5' bgs. The total combined volume of contaminated soil removed from the 2 areas was approximately 161 cubic yards.

On July 31, 2024, after Devon submitted a 48-Hour Notification, 5-point composite confirmation samples were collected from the excavation. Six base samples and 3 wall samples were collected from the 2.5' excavation section. Two base samples and 3 wall samples were collected from the 3.5' excavation section. All samples were immediately put on ice, jarred, then prepared for delivery to Envirotech Analytical Laboratories. Each sample was then analyzed for all the constituents listed in Table 1 19.15.29.12 NMAC. The confirmation soil sample results can be seen in the following data table. A corresponding Confirmation Sample Map can be referenced in Figure 5.

7/31/24 Confirmation Soil Sample Results								
NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
DEVON ENERGY - ALDABRA 25 FED #001 - nRM2024823786								
Dates: 7/31/24		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
CS1-2.5'	2.5'	ND	ND	ND	ND	ND	0	ND
CS2-2.5'	2.5'	ND	ND	ND	ND	ND	0	ND
CS3-2.5'	2.5'	ND	ND	ND	ND	ND	0	ND
CS4-2.5'	2.5'	ND	ND	ND	ND	ND	0	ND
CS5-2.5'	2.5'	ND	ND	ND	ND	ND	0	ND
CS6-2.5'	2.5'	ND	ND	ND	ND	ND	0	ND
CS7-3.5'	3.5'	ND	ND	ND	ND	ND	0	ND
CS8-3.5'	3.5'	ND	ND	ND	ND	ND	0	ND
CSW1-2.5'	2.5'	ND	ND	ND	ND	ND	0	ND
CSW2-2.5'	2.5'	ND	ND	ND	ND	ND	0	ND
CSW3-2.5'	2.5'	ND	ND	ND	ND	ND	0	ND
CSW4-3.5'	3.5'	ND	ND	ND	ND	ND	0	ND
CSW5-3.5'	3.5'	ND	ND	ND	ND	ND	0	ND
CSW6-3.5'	3.5'	ND	ND	ND	ND	ND	0	ND

Complete Laboratory Reports can be found in Appendix E. Photographic Documentation can be found in Appendix D.

## Approval Request

On behalf of Devon, Pima requests that this remediation closure report for incident ID nRM2024823786 be approved. Devon has complied with the applicable requirements outlined in rules 19.15.29.12 and 19.15.29.13 NMAC. Upon approval of this report, the site will be backfilled with topsoil and reseeded with a BLM-approved seed mixture.

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

Devon Energy Production – Dale Woodall at 575-748-0167 or [dale.woodall@devon.com](mailto:dale.woodall@devon.com).

Pima Environmental – Tom Bynum at 580-748-1613 or [tom@pimaoil.com](mailto:tom@pimaoil.com).

## Attachments

Figures:

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

Appendices:

Appendix A – Water Surveys & Water-Related Maps

Appendix B – Soil Survey & Geological Data

Appendix C – 48-Hour Notification & NMOCD Correspondence

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



### Legend

△ POR - Aldabra 25 Feb 1H

Devon Energy  
API #30-015-38612  
Eddy County, NM  
nRM2024823786  
Location Map

4P0R - Aldabra 25 Feb 1H

# Google Earth

Released to Imaging: 8/16/2024 9:20:05 AM

Image © 2024 Airbus

Andrews Place

10 mi



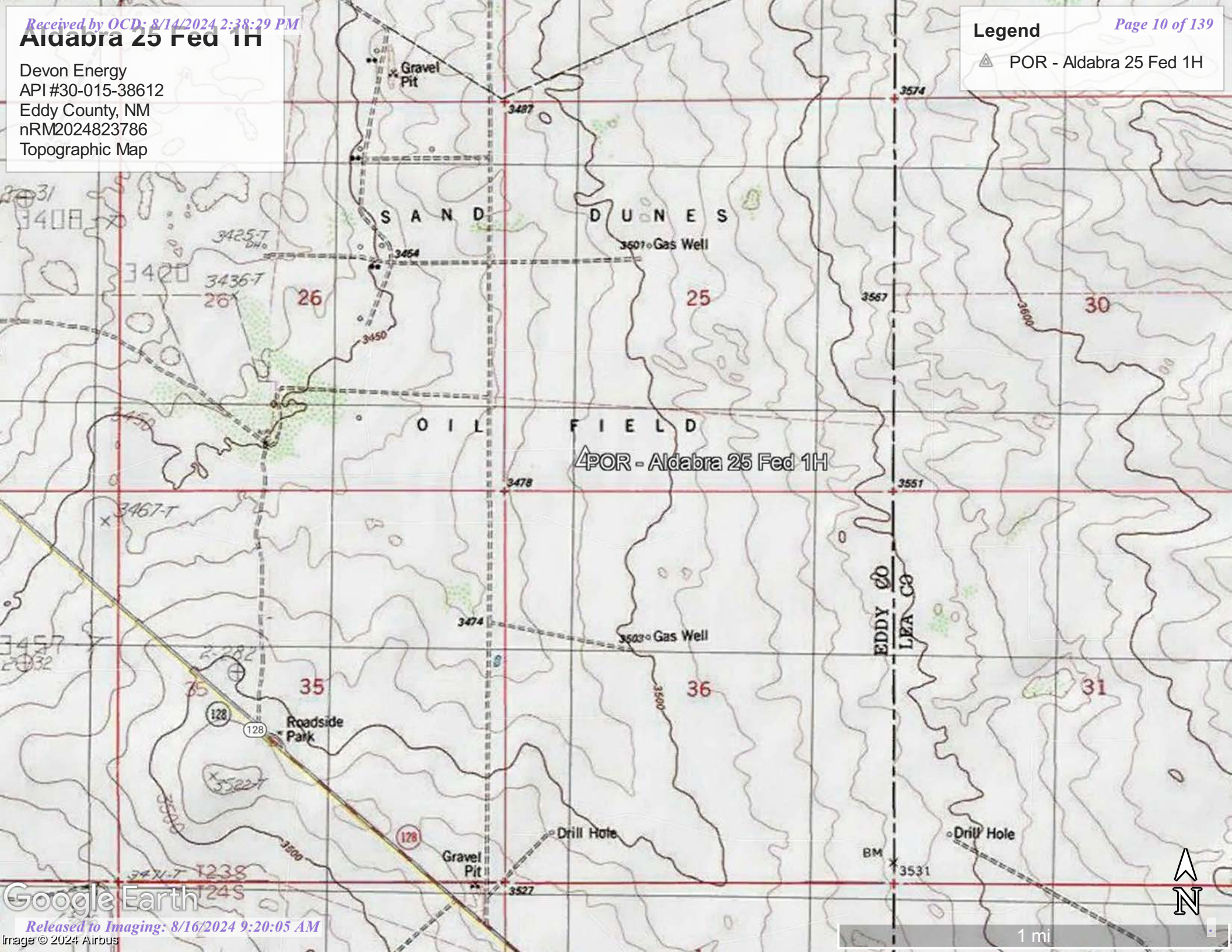


# Aldabra 25 Fed 1H

Devon Energy  
API #30-015-38612  
Eddy County, NM  
nRM2024823786  
Topographic Map

## Legend

▲ POR - Aldabra 25 Fed 1H








# Aldabra 25 Fed 1H

Devon Energy  
API #30-015-38612  
Eddy County, NM  
nRM2024823786  
Karst Map

## Legend

-  High Karst
-  Low Karst
-  Medium Karst

APOR - Aldabra 25 Fed 1H

Google Earth



3 mi



# Aldabra 25 Fed 1H

Devon Energy  
API #30-015-38612  
Eddy County, NM  
nRM2024823786  
Site Map

## Legend

- Background sample
- Horizontal delineation samples
- Polyflowlines
- POR
- Release area - 2,430 sqft
- Vertical delineation sample

32.269479, -103.736522



Aldabra 25 Fed Com 1H - 525' southwest



POR



CSW1

CSBG1

SW7

CS1

CS2

CSW2

CS4

CS3

CSW3

SW6

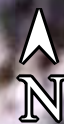
CS5

CS6

CS7

CSW4

SW5



90 ft





Google Earth




# Aldabra 25 Fed 1H

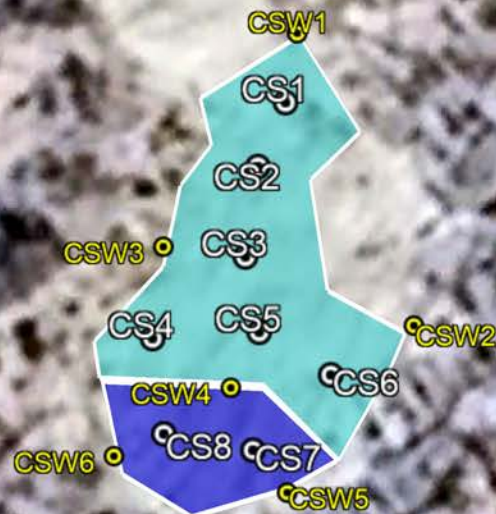
Devon Energy  
API #30-015-38612  
Eddy County, NM  
nRM2024823786  
Confirmation Sample Map

## Legend

-  2.5' Excavation - 1,173 sqft
-  3.5' Excavation - 404 sqft
-  Confirmation base samples
-  Confirmation wall samples

 32.269479, -103.736522

POR



2000 ft

Google Earth



## **Appendix A**

Water Surveys:

OSE

USGS

Surface Water Map

Wetlands Map

Fema Flood Map





New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are smallest to largest)

(meters)

(In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance	Well Depth	Depth Water	Water Column
<a href="#">C 04790 POD1</a>		CUB	ED	SE	SE	SW	25	23S	31E	619309.4	3570904.8		312	55		
<a href="#">C 02258</a>		C	ED		SW	NE	26	23S	31E	618055.0	3571853.0 *		1290	662		
<a href="#">C 02348</a>		C	ED	NW	SE	SW	26	23S	31E	617647.5	3571068.0		1361	700	430	270
<a href="#">C 04746 POD1</a>		CUB	ED	SW	SE	SW	36	23S	31E	619225.7	3569417.8		1578	105		
<a href="#">C 02405</a>		CUB	ED		SE	NW	02	24S	31E	617690.0	3568631.0 *		2693	275	160	115
<a href="#">C 02464</a>		C	ED	NE	SW	NW	02	24S	31E	617644.7	3568581.6		2758	320	205	115
<a href="#">C 04672 POD 1</a>		CUB	ED	NE	NW	SE	01	24S	31E	619762.2	3568286.5		2798	110		
<a href="#">C 04774 POD1</a>		CUB	ED	SE	NE	NE	23	23S	31E	618456.0	3573856.4		2928	105		
<a href="#">C 04712 POD3</a>		CUB	ED	SE	NW	NE	24	23S	31E	619650.7	3573877.9		2968	55		

Average Depth to Water: 265 feet

Minimum Depth: 160 feet

Maximum Depth: 430 feet

Record Count: 9

Basin/County Search:

County: ED

UTM Filters (in meters):

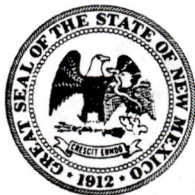
Easting: 619006.45

Northing: 3570980.56

Radius: 03000

\* UTM location was derived from PLSS - see Help

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



# WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

[www.ose.state.nm.us](http://www.ose.state.nm.us)

OSE 011 FEB 26 2024 PM 2:04

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) C4790-POD1		WELL TAG ID NO. C4790		OSE FILE NO(S). C04790			
	WELL OWNER NAME(S) Devon Energy Resources				PHONE (OPTIONAL)			
	WELL OWNER MAILING ADDRESS 205 E Bender Road #150				CITY Hobbs	STATE NM	ZIP 88240	
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 16	SECONDS 6.708 N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84			
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE								
2. DRILLING & CASING INFORMATION	LICENSE NO. 1833		NAME OF LICENSED DRILLER Jason Maley			NAME OF WELL DRILLING COMPANY Vision Resources		
	DRILLING STARTED 2-6-24	DRILLING ENDED 2-6-24	DEPTH OF COMPLETED WELL (FT) 55'		BORE HOLE DEPTH (FT) 55'	DEPTH WATER FIRST ENCOUNTERED (FT) Dry		
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN *add Centralizer info below <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) 0'	DATE STATIC MEASURED 2-10-24		
	DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:					CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>		
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	45'	6"	2" PVC SCH40	Thread	2"	SCH40	N/A
	45'	55'	6"	2" PVC SCH40	Thread	2"	SCH40	.02
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL <u>*(if using Centralizers for Artesian wells- indicate the spacing below)</u>	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						
				None Pulled and plugged				

FOR OSE INTERNAL USE

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

FILE NO. C-04790	POD NO. 1	TRN NO. 753931
LOCATION 235.31E.25.443	WELL TAG ID NO.	PAGE 1 OF 2









8/3/2024, 3:11:08 PM

## GIS WATERS PODs



OSE District Boundary

## New Mexico State Trust Lands



## Subsurface Estate



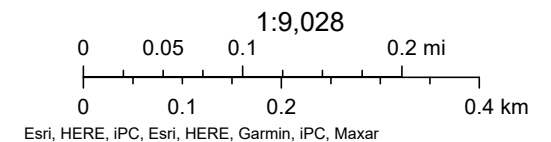
Pending



## Plugged



## Artesian Planning Area





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

## National Water Information System: Web Interface

USGS Water Resources

Data Category:

Groundwater

Geographic Area:

United States

GO

Click to hide News Bulletins

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

Groundwater levels for the Nation



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

### Search Results -- 1 sites found

site\_no list =

- 321609103445901

Minimum number of levels = 1

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

### USGS 321609103445901 23S.31E.26.34411

Available data for this site

Groundwater: Field measurements

GO

Eddy County, New Mexico

Hydrologic Unit Code 13060011

Latitude 32°16'11.9", Longitude 103°45'01.2" NAD83

Land-surface elevation 3,451.00 feet above NGVD29

The depth of the well is 365 feet below land surface.

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

This well is completed in the Dewey Lake Redbeds (312DYLK) local aquifer.

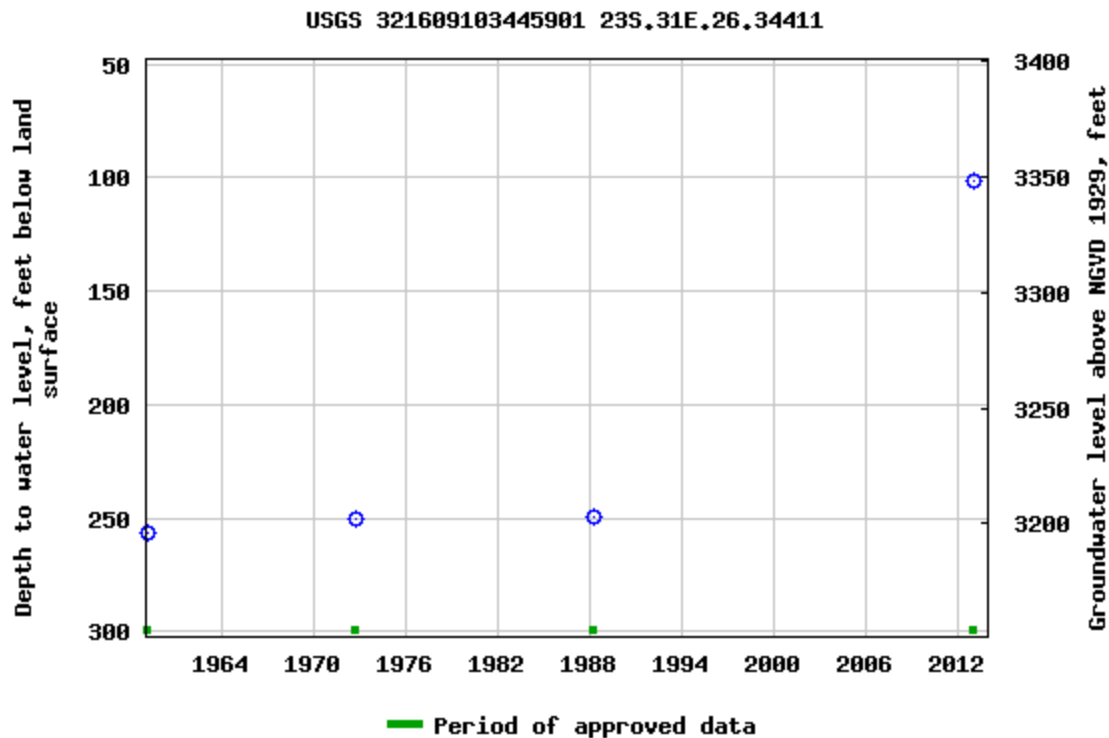
#### Output formats

[Table of data](#)

[Tab-separated data](#)

[Graph of data](#)

[Reselect period](#)



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

[Download a presentation-quality graph](#)

[Questions or Comments](#)

[Help](#)

[Data Tips](#)

[Explanation of terms](#)

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

**Title: Groundwater for USA: Water Levels**

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



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

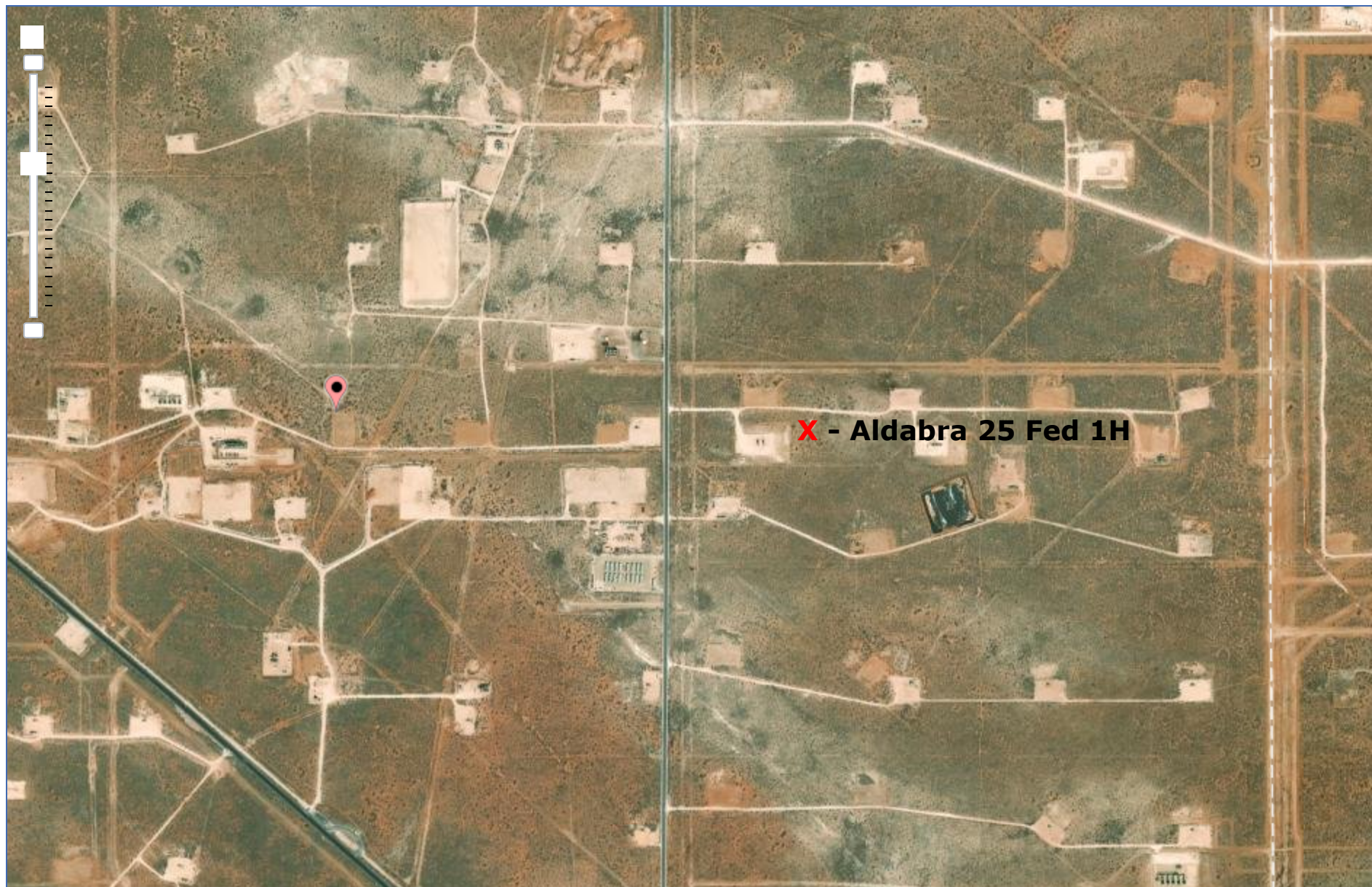
Page Last Modified: 2024-06-18 15:03:52 EDT

0.66 0.56 nadww02





## National Water Information System: Mapper





# Aldabra 25 Fed 1H

Devon Energy  
API #30-015-38612  
Eddy County, NM  
nRM2024823786  
Surface Water Map

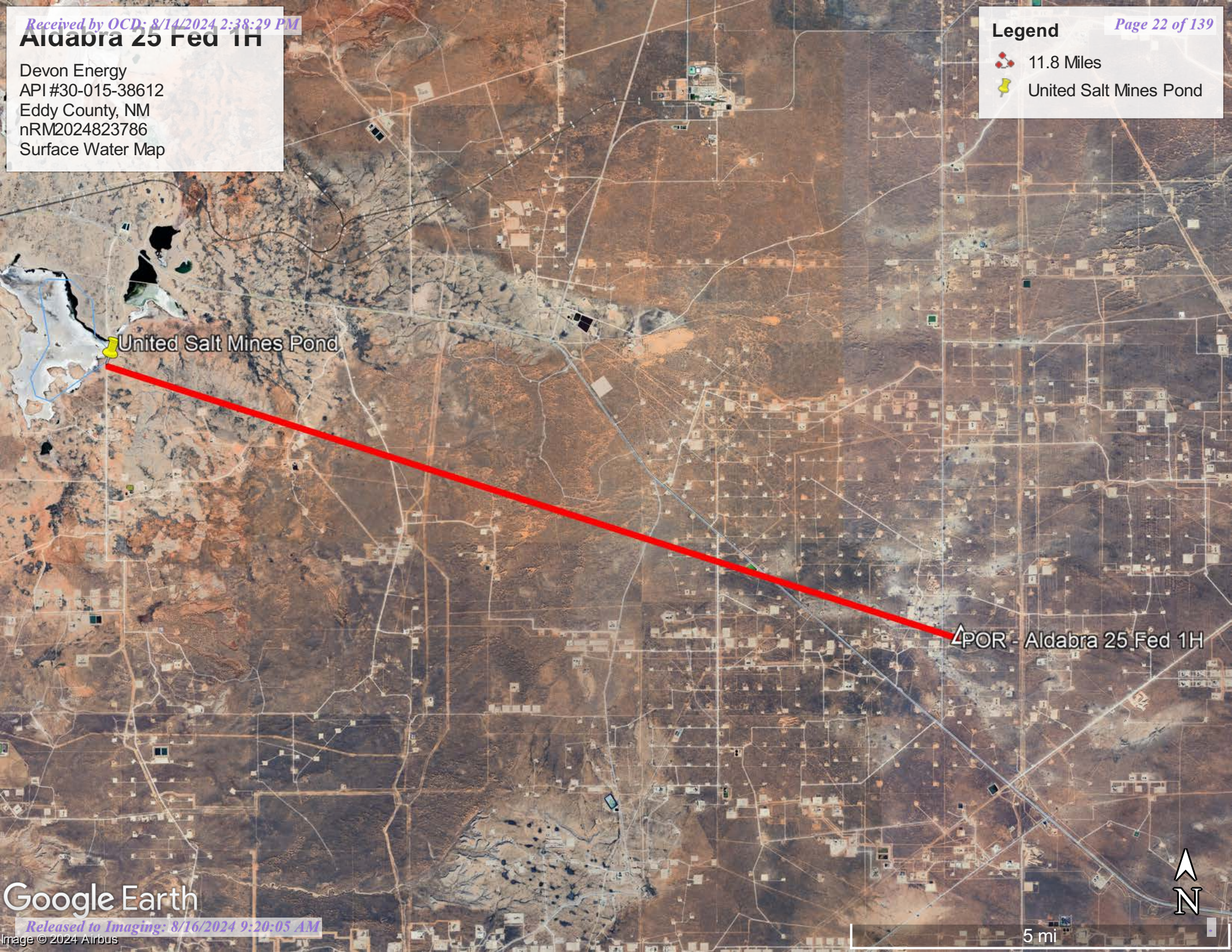
## Legend



11.8 Miles



United Salt Mines Pond



United Salt Mines Pond

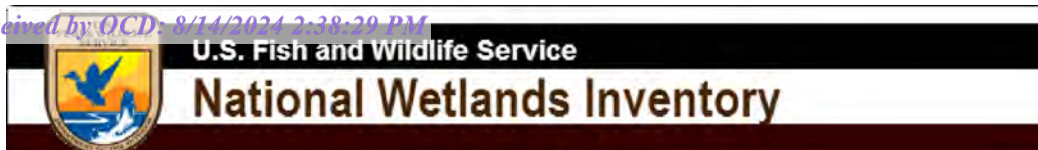
4POR - Aldabra 25 Fed 1H

Google Earth

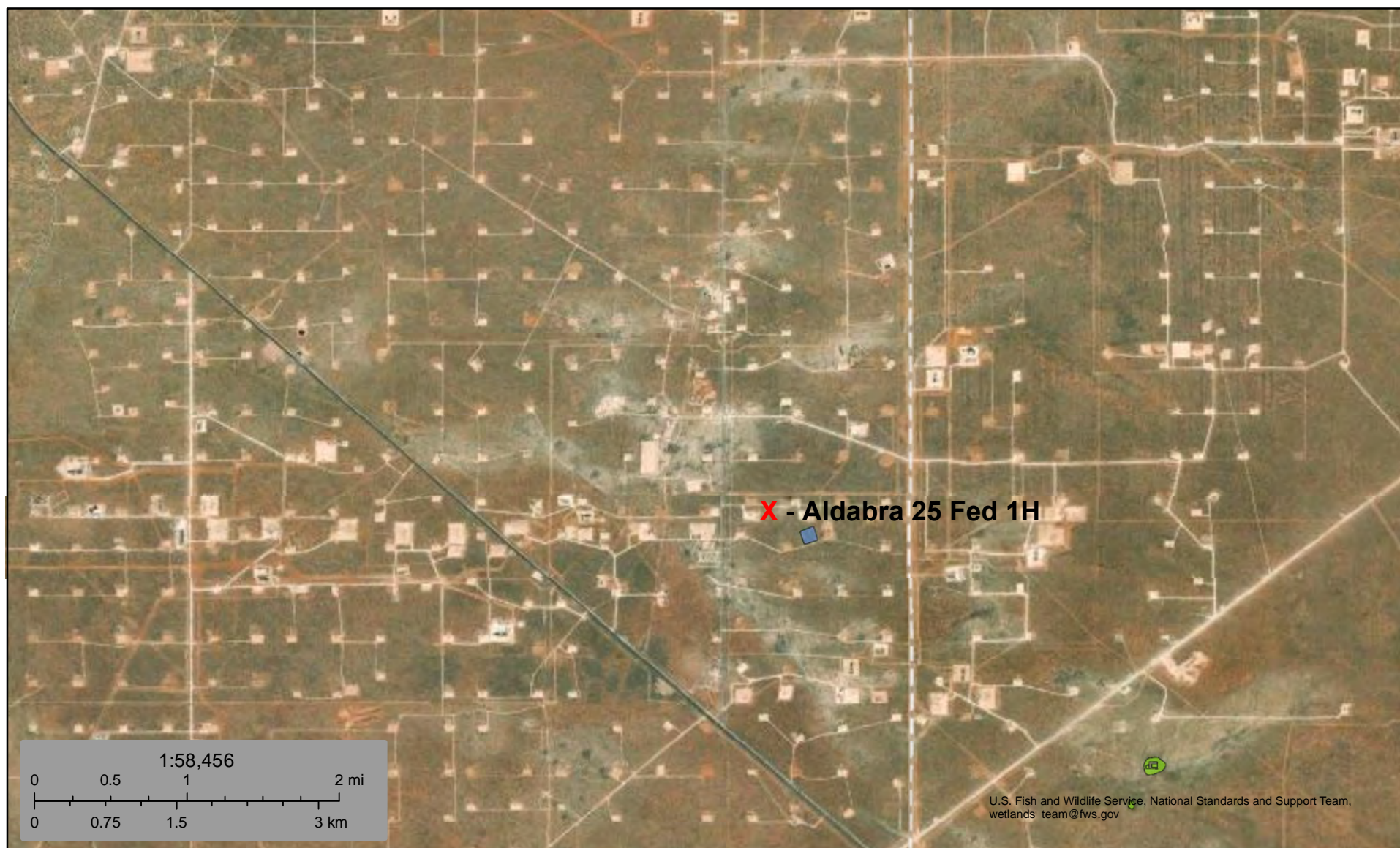


5 mi





## Wetlands Map



June 1, 2023

**Wetlands**

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

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

- Lake
- Other
- Riverine

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



# National Flood Hazard Layer FIRMette



103°44'29"W 32°16'24"N



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

1:6,000

103°43'52"W 32°15'54"N

Released to Imaging: 8/16/2024 9:20:05 AM

Basemap Imagery Source: USGS National Map 2023

## Legend

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

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



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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 8/3/2024 at 4:16 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



## **Appendix B**

Soil Survey

Soil Map Geologic

Unit Map

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

---

## Eddy Area, New Mexico

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

#### Map Unit Setting

*National map unit symbol:* 1w4q

*Elevation:* 3,100 to 4,200 feet

*Mean annual precipitation:* 10 to 14 inches

*Mean annual air temperature:* 60 to 64 degrees F

*Frost-free period:* 190 to 230 days

*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Kermit and similar soils:* 50 percent

*Berino and similar soils:* 35 percent

*Minor components:* 15 percent

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

#### Description of Kermit

##### Setting

*Landform:* Plains, alluvial fans

*Landform position (three-dimensional):* Talf, rise

*Down-slope shape:* Convex, linear

*Across-slope shape:* Linear

*Parent material:* Mixed alluvium and/or eolian sands

##### Typical profile

*H1 - 0 to 7 inches:* fine sand

*H2 - 7 to 60 inches:* fine sand

##### Properties and qualities

*Slope:* 0 to 3 percent

*Depth to restrictive feature:* More than 80 inches

*Drainage class:* Excessively drained

*Runoff class:* Negligible

*Capacity of the most limiting layer to transmit water (Ksat):* Very high (20.00 in/hr)

*Depth to water table:* More than 80 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Maximum salinity:* Nonsaline (0.0 to 1.0 mmhos/cm)

*Sodium adsorption ratio, maximum:* 1.0

*Available water supply, 0 to 60 inches:* Low (about 3.1 inches)

##### Interpretive groups

*Land capability classification (irrigated):* None specified

*Land capability classification (nonirrigated):* 7e

*Hydrologic Soil Group:* A

*Ecological site:* R070BD005NM - Deep Sand

*Hydric soil rating:* No

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

---

## Description of Berino

### Setting

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

### Typical profile

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

### Properties and qualities

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

### Interpretive groups

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

## Minor Components

### Active dune land

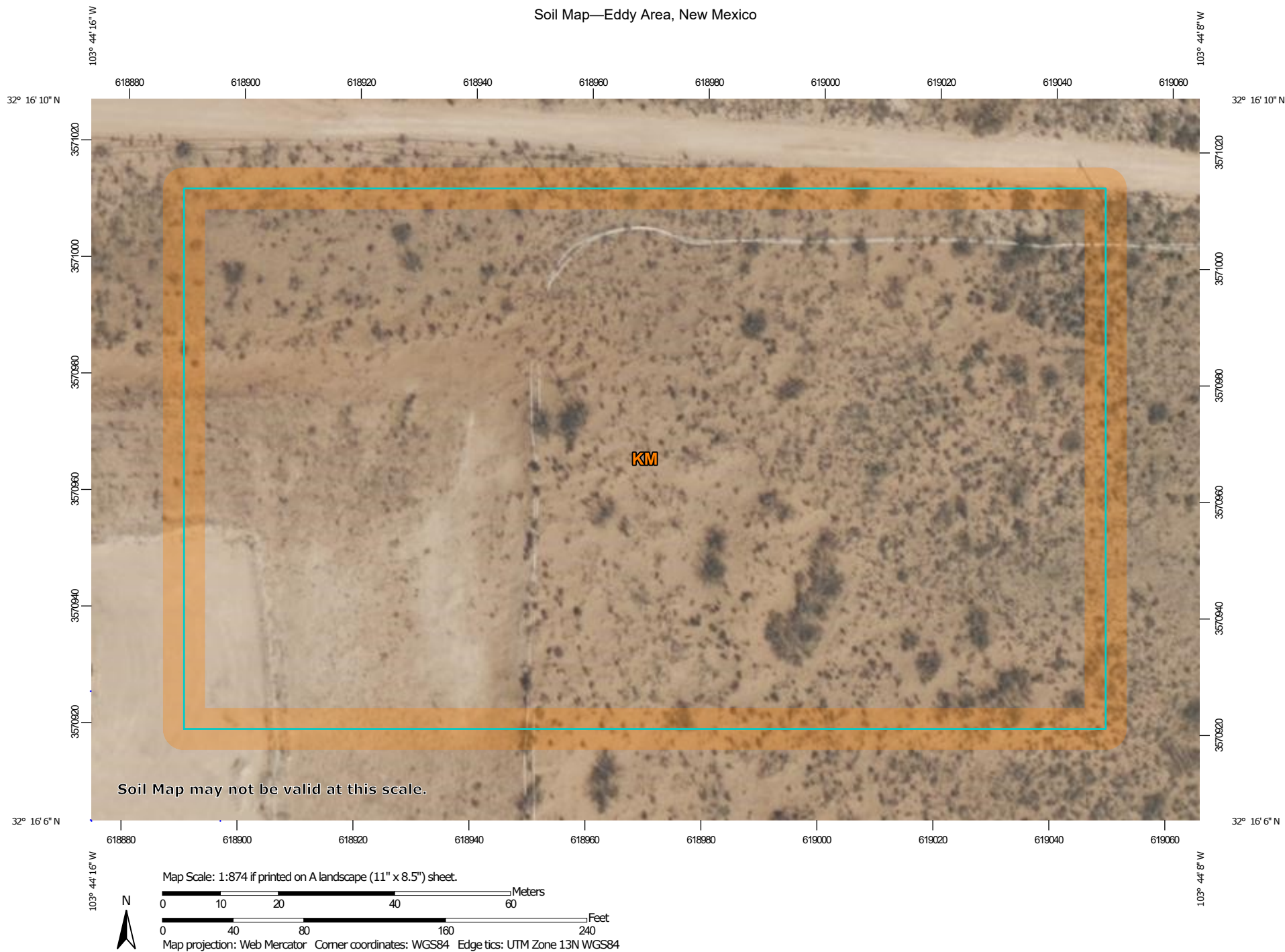
*Percent of map unit:* 15 percent  
*Hydric soil rating:* No

## Data Source Information

Soil Survey Area: Eddy Area, New Mexico  
Survey Area Data: Version 19, Sep 7, 2023



Soil Map—Eddy Area, New Mexico



Natural Resources  
Conservation Service

Web Soil Survey  
National Cooperative Soil Survey

8/3/2024  
Page 1 of 3



## Soil Map—Eddy Area, New Mexico

## MAP LEGEND

## Area of Interest (AOI)

 Area of Interest (AOI)

## Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

## Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

## Water Features



Streams and Canals

## Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

## Background



Aerial Photography

## MAP INFORMATION

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

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

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

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

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

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

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

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 19, Sep 7, 2023

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

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

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

Map Unit Legend


Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
KM	Kermit-Berino fine sands, 0 to 3 percent slopes	3.7	100.0%
Totals for Area of Interest		3.7	100.0%

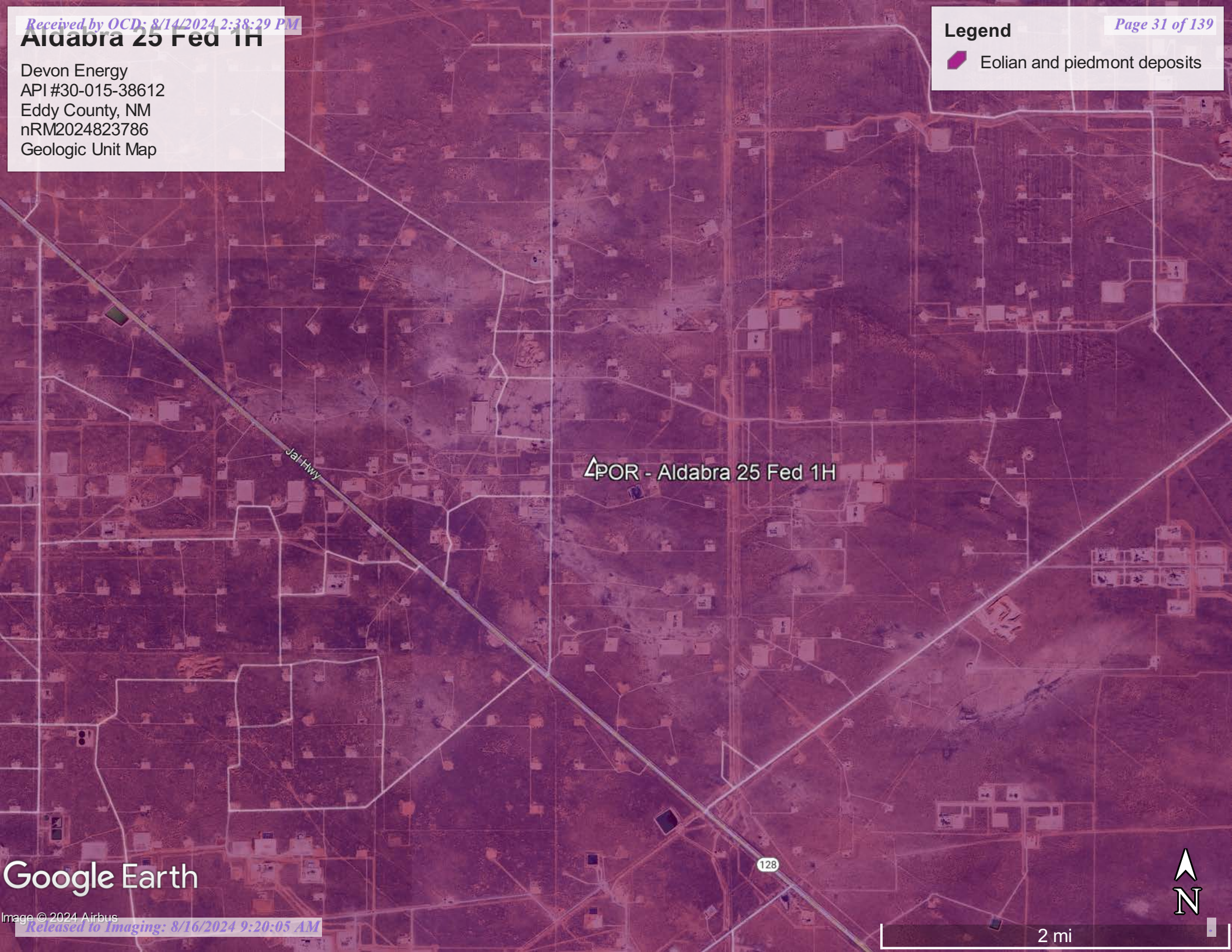


# Aldabra 25 Fed 1H

Devon Energy  
API #30-015-38612  
Eddy County, NM  
nRM2024823786  
Geologic Unit Map

## Legend

 Eolian and piedmont deposits



Google Earth

128

2 mi





## **Appendix C**

48-Hour Notification

NMOCD Correspondence





Tom Pima Oil &lt;tom@pimaoil.com&gt;

**FW: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 367890**

1 message

**Woodall, Dale** <Dale.Woodall@dvn.com>

Mon, Jul 29, 2024 at 9:35 AM

To: Tom Pima Oil &lt;tom@pimaoil.com&gt;, "sebastian@pimaoil.com" &lt;sebastian@pimaoil.com&gt;, Delrae Pima Oil &lt;delrae@pimaoil.com&gt;, Gio PimaOil &lt;gio@pimaoil.com&gt;, Lynsey Pima Oil &lt;lynsey@pimaoil.com&gt;

Dale Woodall

**Environmental Professional****Hobbs, NM****Office:** 575-748-1838**Mobile:** 405-318-4697[Dale.Woodall@dvn.com](mailto:Dale.Woodall@dvn.com)**From:** [OCDOnline@state.nm.us](mailto:OCDOnline@state.nm.us) <[OCDOnline@state.nm.us](mailto:OCDOnline@state.nm.us)>**Sent:** Monday, July 29, 2024 8:34 AM**To:** Woodall, Dale <[Dale.Woodall@dvn.com](mailto:Dale.Woodall@dvn.com)>**Subject:** [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 367890

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#) nRM2024823786.

The sampling event is expected to take place:

**When:** 07/31/2024 @ 12:30**Where:** M-25-23S-31E 0 FNL 0 FEL (32.26911,-103.73611)**Additional Information:** Andrew Franco (806) 200-0054**Additional Instructions:** From the intersection of NM128 and Red Road in Eddy County, travel 1.2 miles north on Red Rd, turn east on lease road for 650 feet, turn south into location.

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.

OCD Permitting

Home    Operator Data    Action Status    Action Search Results    Action Status Item Details

[C-141] Remediation Closure Request C-141 (C-141-V-CLOSURE) Application

Submission Information

Submission ID:	322524	Districts:	Artesia
Operator:	[6137] DEVON ENERGY PRODUCTION COMPANY, LP	Counties:	Eddy
Description:	DEVON ENERGY PRODUCTION COMPANY, LP [6137] , ALDABRA 25 FED #1H , nRM2024823786		
Status:	REJECTED		
Status Date:	03/20/2024		
References (1):	nRM2024823786		

Forms

Attachments:    [Volume Calculation](#)

[Water Sources](#), [Scaled Site Map](#), [Field Data](#), [Soil Contaminant](#), [Water Depth](#), [Boring Logs](#), [Photographs](#), [Topo Aerial Maps](#), [Lab Data](#), [Proposed Technique](#), [Estimated Volume](#), [Closure Criteria](#), [Proposed Schedule](#), [Lab Samples OR Liner Integrity](#), [Remediation Activities](#)

Questions

Prerequisites

Location of Release Source

Please answer all the questions in this group.

Site Name	ALDABRA 25 FED #1H
Date Release Discovered	07/08/2020
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	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release

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

Crude Oil Released (bbls) Details	Cause: Corrosion   Flow Line - Production   Crude Oil   Released: 6 BBL   Recovered: 0 BBL   Lost: 6 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure   Flow Line - Production   Produced Water   Released: 2 BBL   Recovered: 0 BBL   Lost: 2 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.



Searches

Operator Data

Hearing Fee Application

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. gas only) are to be submitted on the C-129 form.

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dvn.com Date: 03/12/2024
--	--

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

Searches

Operator Data

Hearing Fee Application

A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan

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

Requesting a remediation plan approval with this submission	Yes
---	-----

Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.

Have the lateral and vertical extents of contamination been fully delineated	Yes
--	-----

Was this release entirely contained within a lined containment area	No
---	----

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

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

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	02/20/2023
On what date will (or did) the final sampling or liner inspection occur	02/20/2023
On what date will (or was) the remediation complete(d)	02/20/2023
What is the estimated surface area (in square feet) that will be reclaimed	0

then it should consult with the division to determine if another remediation plan submission is required.

Remediation Plan (continued)

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

This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:

(Select all answers below that apply.)	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	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)	Yes
Other Non-listed Remedial Process. Please specify	no contaminated soils were found

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

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

I hereby agree and sign off to the above statement	Name: Dale Woodall
	Title: EHS Professional
	Email: Dale.Woodall@dvn.com
	Date: 03/12/2024

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.

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.



Searches

Operator Data

Hearing Fee Application

Last sampling notification (C-141N) recorded	322547
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	09/23/2023
What was the (estimated) number of samples that were to be gathered	27
What was the sampling surface area in square feet	2177

Remediation Closure Request

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

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

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

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

I hereby agree and sign off to the above statement	Name: Dale Woodall
	Title: EHS Professional

Requesting a reclamation approval with this submission    No

Acknowledgments

This submission type does not have acknowledgments, at this time.

Comments

No comments found for this submission.

Conditions

No conditions found for this submission.

Reasons

- Summary:
- amaxwell (3/20/2024), Closure denied.
  - amaxwell (3/20/2024), An aerial review using Google Earth indicates that no flow line is present at 32.2691 -103.7631.
  - amaxwell (3/20/2024), However, a visible scar located approximately 100 feet to the northwest appeared between 2017 and 2023. A flowline can be identified in association with this scar.
  - amaxwell (3/20/2024), The areal figure from Google Earth included in the report matches the 2017 imagery. This imagery is not consistent with the most recent imagery.
  - amaxwell (3/20/2024), Refer to previously submitted reports that indicate significant impact and remedial activities with a gps location of 32.2692483 -103.7364241.
  - amaxwell (3/20/2024), Submit a report via the OCD permitting portal by May 1, 2024.

SIGN-IN    HELP

Searches    Operator Data    Hearing Fee Application

New Mexico Energy, Minerals and Natural Resources Department  
1220 South St. Francis Drive | Santa Fe, NM 87505 | P: (505) 476-3200 | F: (505) 476-3220

EMNRD Home    OCD Main Page    OCD Rules    Help





## **Appendix D**

### Photographic Documentation

Assessment March 2024



Lease Sign



East side looking west



North side looking south



South side looking north



Northeast side looking southwest



East side looking northwest





+32.269235,-103.736505  
Eddy County  
Devon  
Aldabra 25 Fed 1H  
Assessment

West side looking east



+32.269325,-103.736483  
Eddy County  
Devon  
Aldabra 25 Fed 1H  
Assessment

North side looking south

Excavation



+32.269284,-103.736503  
88° E  
Eddy County  
Devon  
Aldabra 25 Fed 1H  
Pre-Excavation

Excavation begin north side



+32.269284,-103.736503  
155° SE  
Eddy County  
Devon  
Aldabra 25 Fed 1H  
Excavation

Excavation east side



+32.269167,-103.736536  
82° E  
Eddy County  
Devon  
Aldabra 25 Fed 1H  
Excavation

Excavation northeast corner



+32.269309,-103.736487  
200° S  
Eddy County  
Devon  
Aldabra 25 Fed 1H  
Excavation

Excavation northwest





Excavation south end



Excavation middle



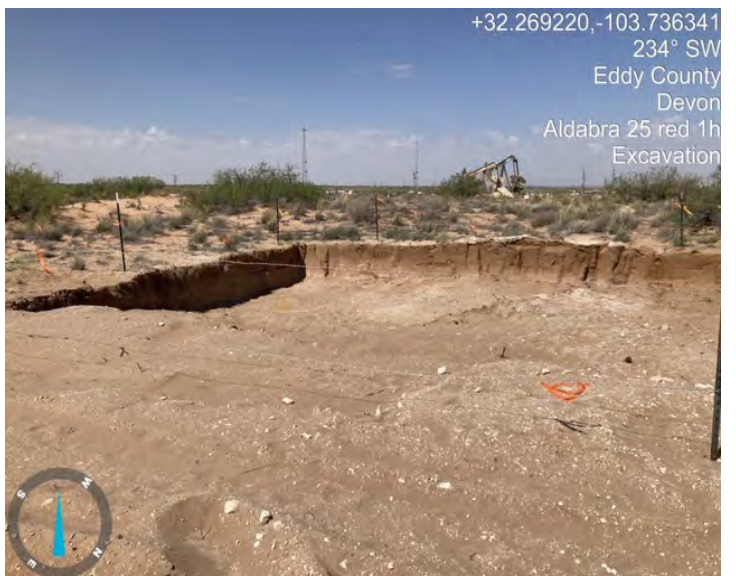
Excavation southwest



Excavation southeast



Excavation northwest



Excavation west side





Excavation north



Excavation northeast

## Backfill











## **Appendix E**

### Laboratory Reports

Report to:  
Gio Gomez



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Aldabra 25 Fed. 1 H

Work Order: E403264

Job Number: 01058-0007

Received: 3/28/2024

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
4/3/24

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 4/3/24

Gio Gomez  
PO Box 247  
Plains, TX 79355-0247



Project Name: Aldabra 25 Fed. 1 H  
Workorder: E403264  
Date Received: 3/28/2024 5:30:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/28/2024 5:30:00AM, under the Project Name: Aldabra 25 Fed. 1 H.

The analytical test results summarized in this report with the Project Name: Aldabra 25 Fed. 1 H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)



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## Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Aldabra 25 Fed. 1 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	04/03/24 12:53

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1 -1'	E403264-01A	Soil	03/26/24	03/28/24	Glass Jar, 2 oz.
S1 -2'	E403264-02A	Soil	03/26/24	03/28/24	Glass Jar, 2 oz.
S1 -3'	E403264-03A	Soil	03/26/24	03/28/24	Glass Jar, 2 oz.
S1 -4'	E403264-04A	Soil	03/26/24	03/28/24	Glass Jar, 2 oz.
S2 -1'	E403264-05A	Soil	03/26/24	03/28/24	Glass Jar, 2 oz.
S2 -2'	E403264-06A	Soil	03/26/24	03/28/24	Glass Jar, 2 oz.
S2 -3'	E403264-07A	Soil	03/26/24	03/28/24	Glass Jar, 2 oz.
S2 -4'	E403264-08A	Soil	03/26/24	03/28/24	Glass Jar, 2 oz.
S3 -1'	E403264-09A	Soil	03/26/24	03/28/24	Glass Jar, 2 oz.
S3 -2'	E403264-10A	Soil	03/26/24	03/28/24	Glass Jar, 2 oz.
S3 -3'	E403264-11A	Soil	03/26/24	03/28/24	Glass Jar, 2 oz.
S3 -4'	E403264-12A	Soil	03/26/24	03/28/24	Glass Jar, 2 oz.
S4 -1'	E403264-13A	Soil	03/26/24	03/28/24	Glass Jar, 2 oz.
S4 -2'	E403264-14A	Soil	03/26/24	03/28/24	Glass Jar, 2 oz.
S4 -3'	E403264-15A	Soil	03/26/24	03/28/24	Glass Jar, 2 oz.
S4 -4'	E403264-16A	Soil	03/26/24	03/28/24	Glass Jar, 2 oz.
S5 -1'	E403264-17A	Soil	03/26/24	03/28/24	Glass Jar, 2 oz.
S5 -2'	E403264-18A	Soil	03/26/24	03/28/24	Glass Jar, 2 oz.
S5 -3'	E403264-19A	Soil	03/26/24	03/28/24	Glass Jar, 2 oz.
S5 -4'	E403264-20A	Soil	03/26/24	03/28/24	Glass Jar, 2 oz.
S6 -1'	E403264-21A	Soil	03/26/24	03/28/24	Glass Jar, 2 oz.
S6 -2'	E403264-22A	Soil	03/26/24	03/28/24	Glass Jar, 2 oz.
S6 -3'	E403264-23A	Soil	03/26/24	03/28/24	Glass Jar, 2 oz.
S6 -4'	E403264-24A	Soil	03/26/24	03/28/24	Glass Jar, 2 oz.
S7 -1'	E403264-25A	Soil	03/26/24	03/28/24	Glass Jar, 2 oz.
S7 -2'	E403264-26A	Soil	03/26/24	03/28/24	Glass Jar, 2 oz.
S7 -3'	E403264-27A	Soil	03/26/24	03/28/24	Glass Jar, 2 oz.
S7 -4'	E403264-28A	Soil	03/26/24	03/28/24	Glass Jar, 2 oz.
SW1	E403264-29A	Soil	03/26/24	03/28/24	Glass Jar, 2 oz.
SW2	E403264-30A	Soil	03/26/24	03/28/24	Glass Jar, 2 oz.
SW3	E403264-31A	Soil	03/26/24	03/28/24	Glass Jar, 2 oz.
SW4	E403264-32A	Soil	03/26/24	03/28/24	Glass Jar, 2 oz.
SW5	E403264-33A	Soil	03/26/24	03/28/24	Glass Jar, 2 oz.
SW6	E403264-34A	Soil	03/26/24	03/28/24	Glass Jar, 2 oz.
SW7	E403264-35A	Soil	03/26/24	03/28/24	Glass Jar, 2 oz.



## Sample Data

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

Project Name: Aldabra 25 Fed. 1 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/3/2024 12:53:39PM

S1 -1'

E403264-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2413093	
Benzene	ND	0.0250	1	03/28/24	03/30/24	
Ethylbenzene	ND	0.0250	1	03/28/24	03/30/24	
Toluene	ND	0.0250	1	03/28/24	03/30/24	
o-Xylene	ND	0.0250	1	03/28/24	03/30/24	
p,m-Xylene	ND	0.0500	1	03/28/24	03/30/24	
Total Xylenes	ND	0.0250	1	03/28/24	03/30/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.0 %	70-130		03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2413093	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/24	03/30/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.0 %	70-130		03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2413113	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/29/24	04/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/29/24	04/01/24	
<i>Surrogate: n-Nonane</i>						
	77.7 %	50-200		03/29/24	04/01/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2413109	
Chloride	67.4	20.0	1	03/28/24	03/28/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Aldabra 25 Fed. 1 H	<b>Reported:</b> 4/3/2024 12:53:39PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S1 -2'

E403264-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2413093	
Benzene	ND	0.0250	1	03/28/24	03/30/24	
Ethylbenzene	ND	0.0250	1	03/28/24	03/30/24	
Toluene	ND	0.0250	1	03/28/24	03/30/24	
o-Xylene	ND	0.0250	1	03/28/24	03/30/24	
p,m-Xylene	ND	0.0500	1	03/28/24	03/30/24	
Total Xylenes	ND	0.0250	1	03/28/24	03/30/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.5 %	70-130		03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2413093	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/24	03/30/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.6 %	70-130		03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2413113	
Diesel Range Organics (C10-C28)	86.6	25.0	1	03/29/24	04/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/29/24	04/01/24	
<i>Surrogate: n-Nonane</i>						
	78.6 %	50-200		03/29/24	04/01/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2413109	
Chloride	77.3	20.0	1	03/28/24	03/28/24	





## Sample Data

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

Project Name: Aldabra 25 Fed. 1 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/3/2024 12:53:39PM

S1 -3'

E403264-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2413093	
Benzene	ND	0.0250	1	03/28/24	03/30/24	
Ethylbenzene	ND	0.0250	1	03/28/24	03/30/24	
Toluene	ND	0.0250	1	03/28/24	03/30/24	
o-Xylene	ND	0.0250	1	03/28/24	03/30/24	
p,m-Xylene	ND	0.0500	1	03/28/24	03/30/24	
Total Xylenes	ND	0.0250	1	03/28/24	03/30/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.1 %	70-130		03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2413093	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/24	03/30/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.8 %	70-130		03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2413113	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/29/24	04/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/29/24	04/01/24	
<i>Surrogate: n-Nonane</i>						
	79.7 %	50-200		03/29/24	04/01/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2413109	
Chloride	39.8	20.0	1	03/28/24	03/28/24	



## Sample Data

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

Project Name: Aldabra 25 Fed. 1 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/3/2024 12:53:39PM

S1 -4'

E403264-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2413093	
Benzene	ND	0.0250	1	03/28/24	03/30/24	
Ethylbenzene	ND	0.0250	1	03/28/24	03/30/24	
Toluene	ND	0.0250	1	03/28/24	03/30/24	
o-Xylene	ND	0.0250	1	03/28/24	03/30/24	
p,m-Xylene	ND	0.0500	1	03/28/24	03/30/24	
Total Xylenes	ND	0.0250	1	03/28/24	03/30/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.8 %	70-130		03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2413093	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/24	03/30/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.8 %	70-130		03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2413113	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/29/24	04/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/29/24	04/01/24	
<i>Surrogate: n-Nonane</i>						
	81.0 %	50-200		03/29/24	04/01/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2413109	
Chloride	ND	20.0	1	03/28/24	03/28/24	



## Sample Data

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

Project Name: Aldabra 25 Fed. 1 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/3/2024 12:53:39PM

S2 -1'

E403264-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2413093	
Benzene	ND	0.0250	1	03/28/24	03/30/24	
Ethylbenzene	ND	0.0250	1	03/28/24	03/30/24	
Toluene	ND	0.0250	1	03/28/24	03/30/24	
o-Xylene	ND	0.0250	1	03/28/24	03/30/24	
p,m-Xylene	ND	0.0500	1	03/28/24	03/30/24	
Total Xylenes	ND	0.0250	1	03/28/24	03/30/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.9 %	70-130		03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2413093	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/24	03/30/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.8 %	70-130		03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2413113	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/29/24	04/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/29/24	04/01/24	
<i>Surrogate: n-Nonane</i>						
	82.6 %	50-200		03/29/24	04/01/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2413109	
Chloride	70.8	20.0	1	03/28/24	03/28/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Aldabra 25 Fed. 1 H	<b>Reported:</b> 4/3/2024 12:53:39PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S2 -2'

E403264-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2413093	
Benzene	ND	0.0250	1	03/28/24	03/30/24	
Ethylbenzene	ND	0.0250	1	03/28/24	03/30/24	
Toluene	ND	0.0250	1	03/28/24	03/30/24	
o-Xylene	ND	0.0250	1	03/28/24	03/30/24	
p,m-Xylene	ND	0.0500	1	03/28/24	03/30/24	
Total Xylenes	ND	0.0250	1	03/28/24	03/30/24	
Surrogate: 4-Bromochlorobenzene-PID	97.0 %	70-130		03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2413093	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/24	03/30/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	89.8 %	70-130		03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2413113	
Diesel Range Organics (C10-C28)	125	25.0	1	03/29/24	04/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/29/24	04/01/24	
Surrogate: n-Nonane	81.5 %	50-200		03/29/24	04/01/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2413109	
Chloride	80.2	20.0	1	03/28/24	03/28/24	



## Sample Data

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

Project Name: Aldabra 25 Fed. 1 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/3/2024 12:53:39PM

S2 -3'

E403264-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2413093	
Benzene	ND	0.0250	1	03/28/24	03/30/24	
Ethylbenzene	ND	0.0250	1	03/28/24	03/30/24	
Toluene	ND	0.0250	1	03/28/24	03/30/24	
o-Xylene	ND	0.0250	1	03/28/24	03/30/24	
p,m-Xylene	ND	0.0500	1	03/28/24	03/30/24	
Total Xylenes	ND	0.0250	1	03/28/24	03/30/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.4 %	70-130		03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2413093	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/24	03/30/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.5 %	70-130		03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2413113	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/29/24	04/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/29/24	04/01/24	
<i>Surrogate: n-Nonane</i>						
	84.3 %	50-200		03/29/24	04/01/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2413109	
Chloride	51.9	20.0	1	03/28/24	03/28/24	



## Sample Data

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

Project Name: Aldabra 25 Fed. 1 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/3/2024 12:53:39PM

S2 -4'

E403264-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2413093	
Benzene	ND	0.0250	1	03/28/24	03/30/24	
Ethylbenzene	ND	0.0250	1	03/28/24	03/30/24	
Toluene	ND	0.0250	1	03/28/24	03/30/24	
o-Xylene	ND	0.0250	1	03/28/24	03/30/24	
p,m-Xylene	ND	0.0500	1	03/28/24	03/30/24	
Total Xylenes	ND	0.0250	1	03/28/24	03/30/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.6 %	70-130		03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2413093	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/24	03/30/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.4 %	70-130		03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2413113	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/29/24	04/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/29/24	04/02/24	
<i>Surrogate: n-Nonane</i>						
	78.7 %	50-200		03/29/24	04/02/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2413109	
Chloride	ND	20.0	1	03/28/24	03/28/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Aldabra 25 Fed. 1 H	<b>Reported:</b> 4/3/2024 12:53:39PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S3 -1'

E403264-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2413093	
Benzene	ND	0.0250	1	03/28/24	03/30/24	
Ethylbenzene	ND	0.0250	1	03/28/24	03/30/24	
Toluene	ND	0.0250	1	03/28/24	03/30/24	
o-Xylene	ND	0.0250	1	03/28/24	03/30/24	
p,m-Xylene	ND	0.0500	1	03/28/24	03/30/24	
Total Xylenes	ND	0.0250	1	03/28/24	03/30/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.0 %	70-130		03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2413093	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/24	03/30/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.2 %	70-130		03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2413113	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/29/24	04/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/29/24	04/02/24	
<i>Surrogate: n-Nonane</i>						
	79.1 %	50-200		03/29/24	04/02/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2413109	
Chloride	60.1	20.0	1	03/28/24	03/28/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Aldabra 25 Fed. 1 H	<b>Reported:</b> 4/3/2024 12:53:39PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S3 -2'

E403264-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2413093	
Benzene	ND	0.0250	1	03/28/24	03/30/24	
Ethylbenzene	ND	0.0250	1	03/28/24	03/30/24	
Toluene	ND	0.0250	1	03/28/24	03/30/24	
o-Xylene	ND	0.0250	1	03/28/24	03/30/24	
p,m-Xylene	ND	0.0500	1	03/28/24	03/30/24	
Total Xylenes	ND	0.0250	1	03/28/24	03/30/24	
Surrogate: 4-Bromochlorobenzene-PID	97.3 %	70-130		03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2413093	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/24	03/30/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	89.4 %	70-130		03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2413113	
Diesel Range Organics (C10-C28)	64.5	25.0	1	03/29/24	04/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/29/24	04/02/24	
Surrogate: n-Nonane	81.4 %	50-200		03/29/24	04/02/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2413109	
Chloride	94.1	20.0	1	03/28/24	03/28/24	



## Sample Data

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

Project Name: Aldabra 25 Fed. 1 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/3/2024 12:53:39PM

S3 -3'

E403264-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2413093
Benzene	ND	0.0250	1	03/28/24	03/30/24	
Ethylbenzene	ND	0.0250	1	03/28/24	03/30/24	
Toluene	ND	0.0250	1	03/28/24	03/30/24	
o-Xylene	ND	0.0250	1	03/28/24	03/30/24	
p,m-Xylene	ND	0.0500	1	03/28/24	03/30/24	
Total Xylenes	ND	0.0250	1	03/28/24	03/30/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.8 %	70-130		03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2413093
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/24	03/30/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.9 %	70-130		03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2413113
Diesel Range Organics (C10-C28)	ND	25.0	1	03/29/24	04/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/29/24	04/02/24	
<i>Surrogate: n-Nonane</i>						
	78.1 %	50-200		03/29/24	04/02/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2413109
Chloride	45.2	20.0	1	03/28/24	03/28/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Aldabra 25 Fed. 1 H	<b>Reported:</b> 4/3/2024 12:53:39PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S3 -4'

E403264-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2413093	
Benzene	ND	0.0250	1	03/28/24	03/30/24	
Ethylbenzene	ND	0.0250	1	03/28/24	03/30/24	
Toluene	ND	0.0250	1	03/28/24	03/30/24	
o-Xylene	ND	0.0250	1	03/28/24	03/30/24	
p,m-Xylene	ND	0.0500	1	03/28/24	03/30/24	
Total Xylenes	ND	0.0250	1	03/28/24	03/30/24	
Surrogate: 4-Bromochlorobenzene-PID	96.9 %	70-130		03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2413093	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/24	03/30/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	88.3 %	70-130		03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2413113	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/29/24	04/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/29/24	04/02/24	
Surrogate: n-Nonane	82.1 %	50-200		03/29/24	04/02/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2413109	
Chloride	ND	20.0	1	03/28/24	03/29/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Aldabra 25 Fed. 1 H	<b>Reported:</b> 4/3/2024 12:53:39PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S4 -1'

E403264-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2413093	
Benzene	ND	0.0250	1	03/28/24	03/30/24	
Ethylbenzene	ND	0.0250	1	03/28/24	03/30/24	
Toluene	ND	0.0250	1	03/28/24	03/30/24	
o-Xylene	ND	0.0250	1	03/28/24	03/30/24	
p,m-Xylene	ND	0.0500	1	03/28/24	03/30/24	
Total Xylenes	ND	0.0250	1	03/28/24	03/30/24	
Surrogate: 4-Bromochlorobenzene-PID	97.0 %	70-130		03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2413093	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/24	03/30/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	89.4 %	70-130		03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2413113	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/29/24	04/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/29/24	04/02/24	
Surrogate: n-Nonane	79.5 %	50-200		03/29/24	04/02/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2413109	
Chloride	74.7	20.0	1	03/28/24	03/29/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Aldabra 25 Fed. 1 H	<b>Reported:</b> 4/3/2024 12:53:39PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S4 -2'

E403264-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2413093	
Benzene	ND	0.0250	1	03/28/24	03/30/24	
Ethylbenzene	ND	0.0250	1	03/28/24	03/30/24	
Toluene	ND	0.0250	1	03/28/24	03/30/24	
o-Xylene	ND	0.0250	1	03/28/24	03/30/24	
p,m-Xylene	ND	0.0500	1	03/28/24	03/30/24	
Total Xylenes	ND	0.0250	1	03/28/24	03/30/24	
Surrogate: 4-Bromochlorobenzene-PID	97.6 %	70-130		03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2413093	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/24	03/30/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	89.9 %	70-130		03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2413113	
Diesel Range Organics (C10-C28)	209	25.0	1	03/29/24	04/02/24	
Oil Range Organics (C28-C36)	83.2	50.0	1	03/29/24	04/02/24	
Surrogate: n-Nonane	77.1 %	50-200		03/29/24	04/02/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2413109	
Chloride	87.1	20.0	1	03/28/24	03/29/24	





## Sample Data

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

Project Name: Aldabra 25 Fed. 1 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/3/2024 12:53:39PM

S4 -3'

E403264-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2413093	
Benzene	ND	0.0250	1	03/28/24	03/30/24	
Ethylbenzene	ND	0.0250	1	03/28/24	03/30/24	
Toluene	ND	0.0250	1	03/28/24	03/30/24	
o-Xylene	ND	0.0250	1	03/28/24	03/30/24	
p,m-Xylene	ND	0.0500	1	03/28/24	03/30/24	
Total Xylenes	ND	0.0250	1	03/28/24	03/30/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.9 %	70-130		03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2413093	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/24	03/30/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.5 %	70-130		03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2413113	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/29/24	04/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/29/24	04/02/24	
<i>Surrogate: n-Nonane</i>						
	81.6 %	50-200		03/29/24	04/02/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2413109	
Chloride	48.9	20.0	1	03/28/24	03/29/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Aldabra 25 Fed. 1 H	<b>Reported:</b> 4/3/2024 12:53:39PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S4 -4'

E403264-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2413093	
Benzene	ND	0.0250	1	03/28/24	03/30/24	
Ethylbenzene	ND	0.0250	1	03/28/24	03/30/24	
Toluene	ND	0.0250	1	03/28/24	03/30/24	
o-Xylene	ND	0.0250	1	03/28/24	03/30/24	
p,m-Xylene	ND	0.0500	1	03/28/24	03/30/24	
Total Xylenes	ND	0.0250	1	03/28/24	03/30/24	
Surrogate: 4-Bromochlorobenzene-PID	97.5 %	70-130		03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2413093	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/24	03/30/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	88.8 %	70-130		03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2413113	
Diesel Range Organics (C10-C28)	29.0	25.0	1	03/29/24	04/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/29/24	04/02/24	
Surrogate: n-Nonane	81.7 %	50-200		03/29/24	04/02/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2413109	
Chloride	ND	20.0	1	03/28/24	03/29/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Aldabra 25 Fed. 1 H	<b>Reported:</b> 4/3/2024 12:53:39PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S5 -1'

E403264-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2413093	
Benzene	ND	0.0250	1	03/28/24	03/30/24	
Ethylbenzene	ND	0.0250	1	03/28/24	03/30/24	
Toluene	ND	0.0250	1	03/28/24	03/30/24	
o-Xylene	ND	0.0250	1	03/28/24	03/30/24	
p,m-Xylene	ND	0.0500	1	03/28/24	03/30/24	
Total Xylenes	ND	0.0250	1	03/28/24	03/30/24	
Surrogate: 4-Bromochlorobenzene-PID	96.9 %	70-130		03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2413093	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/24	03/30/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	88.8 %	70-130		03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2413113	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/29/24	04/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/29/24	04/02/24	
Surrogate: n-Nonane	83.0 %	50-200		03/29/24	04/02/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2413109	
Chloride	53.8	20.0	1	03/28/24	03/29/24	





## Sample Data

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

Project Name: Aldabra 25 Fed. 1 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/3/2024 12:53:39PM

S5 -2'

E403264-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2413093	
Benzene	ND	0.0250	1	03/28/24	03/30/24	
Ethylbenzene	ND	0.0250	1	03/28/24	03/30/24	
Toluene	ND	0.0250	1	03/28/24	03/30/24	
o-Xylene	ND	0.0250	1	03/28/24	03/30/24	
p,m-Xylene	ND	0.0500	1	03/28/24	03/30/24	
Total Xylenes	ND	0.0250	1	03/28/24	03/30/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.0 %	70-130		03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2413093	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/24	03/30/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.7 %	70-130		03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2413113	
Diesel Range Organics (C10-C28)	424	25.0	1	03/29/24	04/02/24	
Oil Range Organics (C28-C36)	175	50.0	1	03/29/24	04/02/24	
<i>Surrogate: n-Nonane</i>						
	82.0 %	50-200		03/29/24	04/02/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2413109	
Chloride	113	20.0	1	03/28/24	03/29/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Aldabra 25 Fed. 1 H	Reported: 4/3/2024 12:53:39PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S5 -3'

E403264-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2413093	
Benzene	ND	0.0250	1	03/28/24	03/30/24	
Ethylbenzene	ND	0.0250	1	03/28/24	03/30/24	
Toluene	ND	0.0250	1	03/28/24	03/30/24	
o-Xylene	ND	0.0250	1	03/28/24	03/30/24	
p,m-Xylene	ND	0.0500	1	03/28/24	03/30/24	
Total Xylenes	ND	0.0250	1	03/28/24	03/30/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.4 %	70-130		03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2413093	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/24	03/30/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.8 %	70-130		03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2413113	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/29/24	04/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/29/24	04/02/24	
<i>Surrogate: n-Nonane</i>						
	81.3 %	50-200		03/29/24	04/02/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2413109	
Chloride	43.2	20.0	1	03/28/24	03/29/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Aldabra 25 Fed. 1 H	<b>Reported:</b> 4/3/2024 12:53:39PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S5 -4'

E403264-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2413093	
Benzene	ND	0.0250	1	03/28/24	03/30/24	
Ethylbenzene	ND	0.0250	1	03/28/24	03/30/24	
Toluene	ND	0.0250	1	03/28/24	03/30/24	
o-Xylene	ND	0.0250	1	03/28/24	03/30/24	
p,m-Xylene	ND	0.0500	1	03/28/24	03/30/24	
Total Xylenes	ND	0.0250	1	03/28/24	03/30/24	
Surrogate: 4-Bromochlorobenzene-PID	96.7 %	70-130		03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2413093	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/24	03/30/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	89.3 %	70-130		03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2413113	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/29/24	04/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/29/24	04/02/24	
Surrogate: n-Nonane	80.1 %	50-200		03/29/24	04/02/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2413109	
Chloride	ND	20.0	1	03/28/24	03/29/24	





## Sample Data

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

Project Name: Aldabra 25 Fed. 1 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/3/2024 12:53:39PM

S6 -1'

E403264-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413101
Benzene	ND	0.0250	1	03/28/24	03/30/24	
Ethylbenzene	ND	0.0250	1	03/28/24	03/30/24	
Toluene	ND	0.0250	1	03/28/24	03/30/24	
o-Xylene	ND	0.0250	1	03/28/24	03/30/24	
p,m-Xylene	ND	0.0500	1	03/28/24	03/30/24	
Total Xylenes	ND	0.0250	1	03/28/24	03/30/24	
Surrogate: Bromofluorobenzene		118 %	70-130	03/28/24	03/30/24	
Surrogate: 1,2-Dichloroethane-d4		91.5 %	70-130	03/28/24	03/30/24	
Surrogate: Toluene-d8		109 %	70-130	03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413101
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/24	03/30/24	
Surrogate: Bromofluorobenzene		118 %	70-130	03/28/24	03/30/24	
Surrogate: 1,2-Dichloroethane-d4		91.5 %	70-130	03/28/24	03/30/24	
Surrogate: Toluene-d8		109 %	70-130	03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2414002
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/24	04/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/24	04/01/24	
Surrogate: n-Nonane		94.8 %	50-200	04/01/24	04/01/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: WF		Batch: 2413117
Chloride	63.2	20.0	1	03/29/24	03/29/24	



## Sample Data

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

Project Name: Aldabra 25 Fed. 1 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/3/2024 12:53:39PM

S6 -2'

E403264-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413101
Benzene	ND	0.0250	1	03/28/24	03/30/24	
Ethylbenzene	ND	0.0250	1	03/28/24	03/30/24	
Toluene	ND	0.0250	1	03/28/24	03/30/24	
o-Xylene	ND	0.0250	1	03/28/24	03/30/24	
p,m-Xylene	ND	0.0500	1	03/28/24	03/30/24	
Total Xylenes	ND	0.0250	1	03/28/24	03/30/24	
Surrogate: Bromofluorobenzene		114 %	70-130	03/28/24	03/30/24	
Surrogate: 1,2-Dichloroethane-d4		90.2 %	70-130	03/28/24	03/30/24	
Surrogate: Toluene-d8		110 %	70-130	03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413101
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/24	03/30/24	
Surrogate: Bromofluorobenzene		114 %	70-130	03/28/24	03/30/24	
Surrogate: 1,2-Dichloroethane-d4		90.2 %	70-130	03/28/24	03/30/24	
Surrogate: Toluene-d8		110 %	70-130	03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2414002
Diesel Range Organics (C10-C28)	147	25.0	1	04/01/24	04/01/24	
Oil Range Organics (C28-C36)	64.1	50.0	1	04/01/24	04/01/24	
Surrogate: n-Nonane		96.6 %	50-200	04/01/24	04/01/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: WF		Batch: 2413117
Chloride	88.6	20.0	1	03/29/24	03/29/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Aldabra 25 Fed. 1 H	Reported: 4/3/2024 12:53:39PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S6 -3'

E403264-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413101
Benzene	ND	0.0250	1	03/28/24	03/30/24	
Ethylbenzene	ND	0.0250	1	03/28/24	03/30/24	
Toluene	ND	0.0250	1	03/28/24	03/30/24	
o-Xylene	ND	0.0250	1	03/28/24	03/30/24	
p,m-Xylene	ND	0.0500	1	03/28/24	03/30/24	
Total Xylenes	ND	0.0250	1	03/28/24	03/30/24	
Surrogate: Bromofluorobenzene		119 %	70-130	03/28/24	03/30/24	
Surrogate: 1,2-Dichloroethane-d4		93.7 %	70-130	03/28/24	03/30/24	
Surrogate: Toluene-d8		110 %	70-130	03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413101
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/24	03/30/24	
Surrogate: Bromofluorobenzene		119 %	70-130	03/28/24	03/30/24	
Surrogate: 1,2-Dichloroethane-d4		93.7 %	70-130	03/28/24	03/30/24	
Surrogate: Toluene-d8		110 %	70-130	03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2414002
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/24	04/02/24	
Surrogate: n-Nonane		99.3 %	50-200	04/01/24	04/02/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: WF		Batch: 2413117
Chloride	41.3	20.0	1	03/29/24	03/29/24	





## Sample Data

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

Project Name: Aldabra 25 Fed. 1 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/3/2024 12:53:39PM

S6 -4'

E403264-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413101
Benzene	ND	0.0250	1	03/28/24	04/02/24	
Ethylbenzene	ND	0.0250	1	03/28/24	04/02/24	
Toluene	ND	0.0250	1	03/28/24	04/02/24	
o-Xylene	ND	0.0250	1	03/28/24	04/02/24	
p,m-Xylene	ND	0.0500	1	03/28/24	04/02/24	
Total Xylenes	ND	0.0250	1	03/28/24	04/02/24	
Surrogate: Bromofluorobenzene		114 %	70-130	03/28/24	04/02/24	
Surrogate: 1,2-Dichloroethane-d4		92.6 %	70-130	03/28/24	04/02/24	
Surrogate: Toluene-d8		107 %	70-130	03/28/24	04/02/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413101
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/24	04/02/24	
Surrogate: Bromofluorobenzene		114 %	70-130	03/28/24	04/02/24	
Surrogate: 1,2-Dichloroethane-d4		92.6 %	70-130	03/28/24	04/02/24	
Surrogate: Toluene-d8		107 %	70-130	03/28/24	04/02/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2414002
Diesel Range Organics (C10-C28)	32.2	25.0	1	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/24	04/02/24	
Surrogate: n-Nonane		98.3 %	50-200	04/01/24	04/02/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: WF		Batch: 2413117
Chloride	ND	20.0	1	03/29/24	03/29/24	



## Sample Data

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

Project Name: Aldabra 25 Fed. 1 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/3/2024 12:53:39PM

S7 -1'

E403264-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413101
Benzene	ND	0.0250	1	03/28/24	04/02/24	
Ethylbenzene	ND	0.0250	1	03/28/24	04/02/24	
Toluene	ND	0.0250	1	03/28/24	04/02/24	
o-Xylene	ND	0.0250	1	03/28/24	04/02/24	
p,m-Xylene	ND	0.0500	1	03/28/24	04/02/24	
Total Xylenes	ND	0.0250	1	03/28/24	04/02/24	
Surrogate: Bromofluorobenzene		117 %	70-130	03/28/24	04/02/24	
Surrogate: 1,2-Dichloroethane-d4		92.6 %	70-130	03/28/24	04/02/24	
Surrogate: Toluene-d8		108 %	70-130	03/28/24	04/02/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413101
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/24	04/02/24	
Surrogate: Bromofluorobenzene		117 %	70-130	03/28/24	04/02/24	
Surrogate: 1,2-Dichloroethane-d4		92.6 %	70-130	03/28/24	04/02/24	
Surrogate: Toluene-d8		108 %	70-130	03/28/24	04/02/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2414002
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/24	04/02/24	
Surrogate: n-Nonane		96.3 %	50-200	04/01/24	04/02/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: WF		Batch: 2413117
Chloride	71.6	20.0	1	03/29/24	03/29/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Aldabra 25 Fed. 1 H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 4/3/2024 12:53:39PM
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S7 -2'

E403264-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413101
Benzene	ND	0.0250	1	03/28/24	03/30/24	
Ethylbenzene	ND	0.0250	1	03/28/24	03/30/24	
Toluene	ND	0.0250	1	03/28/24	03/30/24	
o-Xylene	ND	0.0250	1	03/28/24	03/30/24	
p,m-Xylene	ND	0.0500	1	03/28/24	03/30/24	
Total Xylenes	ND	0.0250	1	03/28/24	03/30/24	
Surrogate: Bromofluorobenzene		110 %	70-130	03/28/24	03/30/24	
Surrogate: 1,2-Dichloroethane-d4		91.0 %	70-130	03/28/24	03/30/24	
Surrogate: Toluene-d8		109 %	70-130	03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413101
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/24	03/30/24	
Surrogate: Bromofluorobenzene		110 %	70-130	03/28/24	03/30/24	
Surrogate: 1,2-Dichloroethane-d4		91.0 %	70-130	03/28/24	03/30/24	
Surrogate: Toluene-d8		109 %	70-130	03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2414002
Diesel Range Organics (C10-C28)	292	25.0	1	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	114	50.0	1	04/01/24	04/02/24	
Surrogate: n-Nonane		101 %	50-200	04/01/24	04/02/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: WF		Batch: 2413117
Chloride	79.0	20.0	1	03/29/24	03/29/24	





## Sample Data

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

Project Name: Aldabra 25 Fed. 1 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/3/2024 12:53:39PM

S7 -3'

E403264-27

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413101
Benzene	ND	0.0250	1	03/28/24	03/30/24	
Ethylbenzene	ND	0.0250	1	03/28/24	03/30/24	
Toluene	ND	0.0250	1	03/28/24	03/30/24	
o-Xylene	ND	0.0250	1	03/28/24	03/30/24	
p,m-Xylene	ND	0.0500	1	03/28/24	03/30/24	
Total Xylenes	ND	0.0250	1	03/28/24	03/30/24	
Surrogate: Bromofluorobenzene		112 %	70-130	03/28/24	03/30/24	
Surrogate: 1,2-Dichloroethane-d4		93.5 %	70-130	03/28/24	03/30/24	
Surrogate: Toluene-d8		109 %	70-130	03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413101
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/24	03/30/24	
Surrogate: Bromofluorobenzene		112 %	70-130	03/28/24	03/30/24	
Surrogate: 1,2-Dichloroethane-d4		93.5 %	70-130	03/28/24	03/30/24	
Surrogate: Toluene-d8		109 %	70-130	03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2414002
Diesel Range Organics (C10-C28)	1410	25.0	1	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	637	50.0	1	04/01/24	04/02/24	
Surrogate: n-Nonane		91.6 %	50-200	04/01/24	04/02/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: WF		Batch: 2413117
Chloride	34.3	20.0	1	03/29/24	03/29/24	



## Sample Data

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

Project Name: Aldabra 25 Fed. 1 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/3/2024 12:53:39PM

S7 -4'

E403264-28

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413101
Benzene	ND	0.0250	1	03/28/24	03/30/24	
Ethylbenzene	ND	0.0250	1	03/28/24	03/30/24	
Toluene	ND	0.0250	1	03/28/24	03/30/24	
o-Xylene	ND	0.0250	1	03/28/24	03/30/24	
p,m-Xylene	ND	0.0500	1	03/28/24	03/30/24	
Total Xylenes	ND	0.0250	1	03/28/24	03/30/24	
Surrogate: Bromofluorobenzene		113 %	70-130	03/28/24	03/30/24	
Surrogate: 1,2-Dichloroethane-d4		92.1 %	70-130	03/28/24	03/30/24	
Surrogate: Toluene-d8		83.9 %	70-130	03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413101
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/24	03/30/24	
Surrogate: Bromofluorobenzene		113 %	70-130	03/28/24	03/30/24	
Surrogate: 1,2-Dichloroethane-d4		92.1 %	70-130	03/28/24	03/30/24	
Surrogate: Toluene-d8		83.9 %	70-130	03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2414002
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/24	04/02/24	
Surrogate: n-Nonane		98.5 %	50-200	04/01/24	04/02/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: WF		Batch: 2413117
Chloride	ND	20.0	1	03/29/24	03/29/24	



## Sample Data

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

Project Name: Aldabra 25 Fed. 1 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/3/2024 12:53:39PM

## SW1

## E403264-29

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413101
Benzene	ND	0.0250	1	03/28/24	03/30/24	
Ethylbenzene	ND	0.0250	1	03/28/24	03/30/24	
Toluene	ND	0.0250	1	03/28/24	03/30/24	
o-Xylene	ND	0.0250	1	03/28/24	03/30/24	
p,m-Xylene	ND	0.0500	1	03/28/24	03/30/24	
Total Xylenes	ND	0.0250	1	03/28/24	03/30/24	
Surrogate: Bromofluorobenzene		113 %	70-130	03/28/24	03/30/24	
Surrogate: 1,2-Dichloroethane-d4		93.0 %	70-130	03/28/24	03/30/24	
Surrogate: Toluene-d8		107 %	70-130	03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413101
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/24	03/30/24	
Surrogate: Bromofluorobenzene		113 %	70-130	03/28/24	03/30/24	
Surrogate: 1,2-Dichloroethane-d4		93.0 %	70-130	03/28/24	03/30/24	
Surrogate: Toluene-d8		107 %	70-130	03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2414002
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/24	04/02/24	
Surrogate: n-Nonane		100 %	50-200	04/01/24	04/02/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: WF		Batch: 2413117
Chloride	ND	20.0	1	03/29/24	03/29/24	





## Sample Data

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

Project Name: Aldabra 25 Fed. 1 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/3/2024 12:53:39PM

## SW2

## E403264-30

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413101
Benzene	ND	0.0250	1	03/28/24	03/30/24	
Ethylbenzene	ND	0.0250	1	03/28/24	03/30/24	
Toluene	ND	0.0250	1	03/28/24	03/30/24	
o-Xylene	ND	0.0250	1	03/28/24	03/30/24	
p,m-Xylene	ND	0.0500	1	03/28/24	03/30/24	
Total Xylenes	ND	0.0250	1	03/28/24	03/30/24	
Surrogate: Bromofluorobenzene		112 %	70-130	03/28/24	03/30/24	
Surrogate: 1,2-Dichloroethane-d4		90.5 %	70-130	03/28/24	03/30/24	
Surrogate: Toluene-d8		108 %	70-130	03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413101
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/24	03/30/24	
Surrogate: Bromofluorobenzene		112 %	70-130	03/28/24	03/30/24	
Surrogate: 1,2-Dichloroethane-d4		90.5 %	70-130	03/28/24	03/30/24	
Surrogate: Toluene-d8		108 %	70-130	03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2414002
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/24	04/02/24	
Surrogate: n-Nonane		93.3 %	50-200	04/01/24	04/02/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: WF		Batch: 2413117
Chloride	ND	20.0	1	03/29/24	03/29/24	



## Sample Data

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

Project Name: Aldabra 25 Fed. 1 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/3/2024 12:53:39PM

## SW3

## E403264-31

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413101
Benzene	ND	0.0250	1	03/28/24	03/30/24	
Ethylbenzene	ND	0.0250	1	03/28/24	03/30/24	
Toluene	ND	0.0250	1	03/28/24	03/30/24	
o-Xylene	ND	0.0250	1	03/28/24	03/30/24	
p,m-Xylene	ND	0.0500	1	03/28/24	03/30/24	
Total Xylenes	ND	0.0250	1	03/28/24	03/30/24	
Surrogate: Bromofluorobenzene		113 %	70-130	03/28/24	03/30/24	
Surrogate: 1,2-Dichloroethane-d4		93.4 %	70-130	03/28/24	03/30/24	
Surrogate: Toluene-d8		107 %	70-130	03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413101
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/24	03/30/24	
Surrogate: Bromofluorobenzene		113 %	70-130	03/28/24	03/30/24	
Surrogate: 1,2-Dichloroethane-d4		93.4 %	70-130	03/28/24	03/30/24	
Surrogate: Toluene-d8		107 %	70-130	03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2414002
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/24	04/02/24	
Surrogate: n-Nonane		96.3 %	50-200	04/01/24	04/02/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2413100
Chloride	ND	20.0	1	03/28/24	03/28/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Aldabra 25 Fed. 1 H	Reported: 4/3/2024 12:53:39PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

SW4

E403264-32

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413101
Benzene	ND	0.0250	1	03/28/24	03/30/24	
Ethylbenzene	ND	0.0250	1	03/28/24	03/30/24	
Toluene	ND	0.0250	1	03/28/24	03/30/24	
o-Xylene	ND	0.0250	1	03/28/24	03/30/24	
p,m-Xylene	ND	0.0500	1	03/28/24	03/30/24	
Total Xylenes	ND	0.0250	1	03/28/24	03/30/24	
Surrogate: Bromofluorobenzene		111 %	70-130	03/28/24	03/30/24	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130	03/28/24	03/30/24	
Surrogate: Toluene-d8		93.5 %	70-130	03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413101
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/24	03/30/24	
Surrogate: Bromofluorobenzene		111 %	70-130	03/28/24	03/30/24	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130	03/28/24	03/30/24	
Surrogate: Toluene-d8		93.5 %	70-130	03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2414002
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/24	04/02/24	
Surrogate: n-Nonane		107 %	50-200	04/01/24	04/02/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2413100
Chloride	ND	20.0	1	03/28/24	03/28/24	





## Sample Data

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

Project Name: Aldabra 25 Fed. 1 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/3/2024 12:53:39PM

## SW5

## E403264-33

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413101
Benzene	ND	0.0250	1	03/28/24	03/30/24	
Ethylbenzene	ND	0.0250	1	03/28/24	03/30/24	
Toluene	ND	0.0250	1	03/28/24	03/30/24	
o-Xylene	ND	0.0250	1	03/28/24	03/30/24	
p,m-Xylene	ND	0.0500	1	03/28/24	03/30/24	
Total Xylenes	ND	0.0250	1	03/28/24	03/30/24	
Surrogate: Bromofluorobenzene		117 %	70-130	03/28/24	03/30/24	
Surrogate: 1,2-Dichloroethane-d4		89.2 %	70-130	03/28/24	03/30/24	
Surrogate: Toluene-d8		77.8 %	70-130	03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413101
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/24	03/30/24	
Surrogate: Bromofluorobenzene		117 %	70-130	03/28/24	03/30/24	
Surrogate: 1,2-Dichloroethane-d4		89.2 %	70-130	03/28/24	03/30/24	
Surrogate: Toluene-d8		77.8 %	70-130	03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2414002
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/24	04/02/24	
Surrogate: n-Nonane		98.2 %	50-200	04/01/24	04/02/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2413100
Chloride	ND	20.0	1	03/28/24	03/28/24	



## Sample Data

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

Project Name: Aldabra 25 Fed. 1 H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
4/3/2024 12:53:39PM

## SW6

## E403264-34

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413101
Benzene	ND	0.0250	1	03/28/24	03/30/24	
Ethylbenzene	ND	0.0250	1	03/28/24	03/30/24	
Toluene	ND	0.0250	1	03/28/24	03/30/24	
o-Xylene	ND	0.0250	1	03/28/24	03/30/24	
p,m-Xylene	ND	0.0500	1	03/28/24	03/30/24	
Total Xylenes	ND	0.0250	1	03/28/24	03/30/24	
Surrogate: Bromofluorobenzene	96.4 %	70-130		03/28/24	03/30/24	
Surrogate: 1,2-Dichloroethane-d4	98.2 %	70-130		03/28/24	03/30/24	
Surrogate: Toluene-d8	109 %	70-130		03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413101
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/24	03/30/24	
Surrogate: Bromofluorobenzene	96.4 %	70-130		03/28/24	03/30/24	
Surrogate: 1,2-Dichloroethane-d4	98.2 %	70-130		03/28/24	03/30/24	
Surrogate: Toluene-d8	109 %	70-130		03/28/24	03/30/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2414002
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/24	04/02/24	
Surrogate: n-Nonane	96.2 %	50-200		04/01/24	04/02/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2413100
Chloride	ND	20.0	1	03/28/24	03/28/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Aldabra 25 Fed. 1 H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 4/3/2024 12:53:39PM
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SW7

E403264-35

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413101
Benzene	ND	0.0250	1	03/28/24	04/02/24	
Ethylbenzene	ND	0.0250	1	03/28/24	04/02/24	
Toluene	ND	0.0250	1	03/28/24	04/02/24	
o-Xylene	ND	0.0250	1	03/28/24	04/02/24	
p,m-Xylene	ND	0.0500	1	03/28/24	04/02/24	
Total Xylenes	ND	0.0250	1	03/28/24	04/02/24	
Surrogate: Bromofluorobenzene		115 %	70-130	03/28/24	04/02/24	
Surrogate: 1,2-Dichloroethane-d4		93.7 %	70-130	03/28/24	04/02/24	
Surrogate: Toluene-d8		106 %	70-130	03/28/24	04/02/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2413101
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/24	04/02/24	
Surrogate: Bromofluorobenzene		115 %	70-130	03/28/24	04/02/24	
Surrogate: 1,2-Dichloroethane-d4		93.7 %	70-130	03/28/24	04/02/24	
Surrogate: Toluene-d8		106 %	70-130	03/28/24	04/02/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2414002
Diesel Range Organics (C10-C28)	ND	25.0	1	04/01/24	04/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/01/24	04/02/24	
Surrogate: n-Nonane		101 %	50-200	04/01/24	04/02/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2413100
Chloride	ND	20.0	1	03/28/24	03/28/24	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Aldabra 25 Fed. 1 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/3/2024 12:53:39PM

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

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

Blank (2413101-BLK1) Prepared: 03/28/24 Analyzed: 03/30/24

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.560		0.500		112	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.477		0.500		95.3	70-130			
Surrogate: Toluene-d8	0.541		0.500		108	70-130			

LCS (2413101-BS1) Prepared: 03/28/24 Analyzed: 03/30/24

Benzene	2.85	0.0250	2.50		114	70-130			
Ethylbenzene	2.76	0.0250	2.50		110	70-130			
Toluene	2.94	0.0250	2.50		118	70-130			
o-Xylene	2.87	0.0250	2.50		115	70-130			
p,m-Xylene	5.68	0.0500	5.00		114	70-130			
Total Xylenes	8.55	0.0250	7.50		114	70-130			
Surrogate: Bromofluorobenzene	0.548		0.500		110	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.478		0.500		95.6	70-130			
Surrogate: Toluene-d8	0.525		0.500		105	70-130			

Matrix Spike (2413101-MS1) Source: E403264-27 Prepared: 03/28/24 Analyzed: 04/02/24

Benzene	2.89	0.0250	2.50	ND	116	48-131			
Ethylbenzene	2.77	0.0250	2.50	ND	111	45-135			
Toluene	2.94	0.0250	2.50	ND	117	48-130			
o-Xylene	2.93	0.0250	2.50	ND	117	43-135			
p,m-Xylene	5.80	0.0500	5.00	ND	116	43-135			
Total Xylenes	8.73	0.0250	7.50	ND	116	43-135			
Surrogate: Bromofluorobenzene	0.585		0.500		117	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.476		0.500		95.2	70-130			
Surrogate: Toluene-d8	0.529		0.500		106	70-130			

Matrix Spike Dup (2413101-MSD1) Source: E403264-27 Prepared: 03/28/24 Analyzed: 04/02/24

Benzene	2.87	0.0250	2.50	ND	115	48-131	0.764	23	
Ethylbenzene	2.73	0.0250	2.50	ND	109	45-135	1.31	27	
Toluene	2.90	0.0250	2.50	ND	116	48-130	1.32	24	
o-Xylene	2.80	0.0250	2.50	ND	112	43-135	4.24	27	
p,m-Xylene	5.53	0.0500	5.00	ND	111	43-135	4.90	27	
Total Xylenes	8.33	0.0250	7.50	ND	111	43-135	4.68	27	
Surrogate: Bromofluorobenzene	0.579		0.500		116	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.473		0.500		94.6	70-130			
Surrogate: Toluene-d8	0.533		0.500		107	70-130			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Aldabra 25 Fed. 1 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/3/2024 12:53:39PM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2413093-BLK1) Prepared: 03/28/24 Analyzed: 03/30/24

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	7.64		8.00		95.5	70-130			

LCS (2413093-BS1) Prepared: 03/28/24 Analyzed: 03/30/24

Benzene	4.89	0.0250	5.00		97.8	70-130			
Ethylbenzene	4.78	0.0250	5.00		95.7	70-130			
Toluene	4.91	0.0250	5.00		98.2	70-130			
o-Xylene	4.86	0.0250	5.00		97.2	70-130			
p,m-Xylene	9.78	0.0500	10.0		97.8	70-130			
Total Xylenes	14.6	0.0250	15.0		97.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.73		8.00		96.7	70-130			

Matrix Spike (2413093-MS1) Source: E403264-08 Prepared: 03/28/24 Analyzed: 03/30/24

Benzene	4.87	0.0250	5.00	ND	97.4	54-133			
Ethylbenzene	4.76	0.0250	5.00	ND	95.2	61-133			
Toluene	4.90	0.0250	5.00	ND	97.9	61-130			
o-Xylene	4.86	0.0250	5.00	ND	97.2	63-131			
p,m-Xylene	9.74	0.0500	10.0	ND	97.4	63-131			
Total Xylenes	14.6	0.0250	15.0	ND	97.3	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.75		8.00		96.9	70-130			

Matrix Spike Dup (2413093-MSD1) Source: E403264-08 Prepared: 03/28/24 Analyzed: 03/30/24

Benzene	4.93	0.0250	5.00	ND	98.7	54-133	1.24	20	
Ethylbenzene	4.81	0.0250	5.00	ND	96.1	61-133	0.952	20	
Toluene	4.94	0.0250	5.00	ND	98.8	61-130	0.846	20	
o-Xylene	4.90	0.0250	5.00	ND	98.0	63-131	0.832	20	
p,m-Xylene	9.81	0.0500	10.0	ND	98.1	63-131	0.678	20	
Total Xylenes	14.7	0.0250	15.0	ND	98.1	63-131	0.729	20	
Surrogate: 4-Bromochlorobenzene-PID	7.79		8.00		97.3	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Aldabra 25 Fed. 1 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/3/2024 12:53:39PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2413093-BLK1) Prepared: 03/28/24 Analyzed: 03/30/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.09		8.00		88.6	70-130			

LCS (2413093-BS2) Prepared: 03/28/24 Analyzed: 03/30/24

Gasoline Range Organics (C6-C10)	41.2	20.0	50.0		82.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.26		8.00		90.7	70-130			

Matrix Spike (2413093-MS2) Source: E403264-08 Prepared: 03/28/24 Analyzed: 03/30/24

Gasoline Range Organics (C6-C10)	44.0	20.0	50.0	ND	88.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.23		8.00		90.3	70-130			

Matrix Spike Dup (2413093-MSD2) Source: E403264-08 Prepared: 03/28/24 Analyzed: 03/30/24

Gasoline Range Organics (C6-C10)	43.4	20.0	50.0	ND	86.7	70-130	1.52	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.17		8.00		89.6	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Aldabra 25 Fed. 1 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/3/2024 12:53:39PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2413101-BLK1) Prepared: 03/28/24 Analyzed: 03/30/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.560		0.500		112	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.477		0.500		95.3	70-130			
Surrogate: Toluene-d8	0.541		0.500		108	70-130			

LCS (2413101-BS2) Prepared: 03/28/24 Analyzed: 03/30/24

Gasoline Range Organics (C6-C10)	58.3	20.0	50.0		117	70-130			
Surrogate: Bromofluorobenzene	0.574		0.500		115	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.478		0.500		95.6	70-130			
Surrogate: Toluene-d8	0.544		0.500		109	70-130			

Matrix Spike (2413101-MS2) Source: E403264-27 Prepared: 03/28/24 Analyzed: 04/02/24

Gasoline Range Organics (C6-C10)	62.7	20.0	50.0	ND	125	70-130			
Surrogate: Bromofluorobenzene	0.613		0.500		123	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.4	70-130			
Surrogate: Toluene-d8	0.542		0.500		108	70-130			

Matrix Spike Dup (2413101-MSD2) Source: E403264-27 Prepared: 03/28/24 Analyzed: 04/02/24

Gasoline Range Organics (C6-C10)	63.9	20.0	50.0	ND	128	70-130	1.85	20	
Surrogate: Bromofluorobenzene	0.600		0.500		120	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.474		0.500		94.8	70-130			
Surrogate: Toluene-d8	0.546		0.500		109	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Aldabra 25 Fed. 1 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/3/2024 12:53:39PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

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

Blank (2413113-BLK1)					Prepared: 03/29/24 Analyzed: 04/01/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	40.2		50.0		80.5	50-200			

LCS (2413113-BS1)					Prepared: 03/29/24 Analyzed: 04/01/24				
Diesel Range Organics (C10-C28)	261	25.0	250		104	38-132			
Surrogate: n-Nonane	42.8		50.0		85.7	50-200			

Matrix Spike (2413113-MS1)					Source: E403264-03		Prepared: 03/29/24 Analyzed: 04/01/24		
Diesel Range Organics (C10-C28)	259	25.0	250	ND	104	38-132			
Surrogate: n-Nonane	42.5		50.0		85.0	50-200			

Matrix Spike Dup (2413113-MSD1)					Source: E403264-03		Prepared: 03/29/24 Analyzed: 04/01/24		
Diesel Range Organics (C10-C28)	250	25.0	250	ND	99.9	38-132	3.62	20	
Surrogate: n-Nonane	40.6		50.0		81.2	50-200			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Aldabra 25 Fed. 1 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/3/2024 12:53:39PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

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

Blank (2414002-BLK1)					Prepared: 04/01/24 Analyzed: 04/01/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.0		50.0		102	50-200			

LCS (2414002-BS1)					Prepared: 04/01/24 Analyzed: 04/01/24				
Diesel Range Organics (C10-C28)	320	25.0	250		128	38-132			
Surrogate: n-Nonane	51.3		50.0		103	50-200			

Matrix Spike (2414002-MS1)					Source: E403264-21		Prepared: 04/01/24 Analyzed: 04/01/24		
Diesel Range Organics (C10-C28)	326	25.0	250	ND	130	38-132			
Surrogate: n-Nonane	50.9		50.0		102	50-200			

Matrix Spike Dup (2414002-MSD1)					Source: E403264-21		Prepared: 04/01/24 Analyzed: 04/01/24		
Diesel Range Organics (C10-C28)	329	25.0	250	ND	132	38-132	1.04	20	
Surrogate: n-Nonane	51.9		50.0		104	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Aldabra 25 Fed. 1 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/3/2024 12:53:39PM

Anions by EPA 300.0/9056A

Analyst: DT

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

Blank (2413100-BLK1)					Prepared: 03/28/24 Analyzed: 03/28/24				
Chloride	ND	20.0							
LCS (2413100-BS1)					Prepared: 03/28/24 Analyzed: 03/28/24				
Chloride	250	20.0	250		100	90-110			
Matrix Spike (2413100-MS1)					Source: E403259-05		Prepared: 03/28/24 Analyzed: 03/28/24		
Chloride	1710	20.0	250	1480	92.6	80-120			
Matrix Spike Dup (2413100-MSD1)					Source: E403259-05		Prepared: 03/28/24 Analyzed: 03/28/24		
Chloride	1640	20.0	250	1480	65.4	80-120	4.06	20	M4



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Aldabra 25 Fed. 1 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/3/2024 12:53:39PM

Anions by EPA 300.0/9056A

Analyst: DT

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

Blank (2413109-BLK1)					Prepared: 03/28/24 Analyzed: 03/28/24				
Chloride	ND	20.0							
LCS (2413109-BS1)					Prepared: 03/28/24 Analyzed: 03/28/24				
Chloride	248	20.0	250		99.2	90-110			
Matrix Spike (2413109-MS1)					Source: E403264-06		Prepared: 03/28/24 Analyzed: 03/28/24		
Chloride	337	20.0	250	80.2	103	80-120			
Matrix Spike Dup (2413109-MSD1)					Source: E403264-06		Prepared: 03/28/24 Analyzed: 03/28/24		
Chloride	332	20.0	250	80.2	101	80-120	1.50	20	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Aldabra 25 Fed. 1 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/3/2024 12:53:39PM

Anions by EPA 300.0/9056A

Analyst: WF

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

Blank (2413117-BLK1)					Prepared: 03/29/24 Analyzed: 03/29/24				
Chloride	ND	20.0							
LCS (2413117-BS1)					Prepared: 03/29/24 Analyzed: 03/29/24				
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2413117-MS1)					Source: E403271-01		Prepared: 03/29/24 Analyzed: 03/29/24		
Chloride	453	200	250	ND	181	80-120			M6
Matrix Spike Dup (2413117-MSD1)					Source: E403271-01		Prepared: 03/29/24 Analyzed: 03/29/24		
Chloride	452	200	250	ND	181	80-120	0.111	20	M6

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





Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	Aldabra 25 Fed. 1 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	04/03/24 12:53

- 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.
- M6 Matrix spike recovery has a high bias. The native sample results were below the RL, but appears to have contributed to high MS recoveries.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

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

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



## Project Information

## Chain of Custody

Page 1 of 4

<b>Client:</b> Pima Environmental Services <b>Project:</b> Aldabra 25 Fed. 1H <b>Project Manager:</b> Glo Gomez <b>Address:</b> 5614 N. Lovington Hwy. <b>City, State, Zip:</b> Hobbs, NM, 88240 <b>Phone:</b> 806-782-1151 <b>Email:</b> gio@pimaoil.com <b>Report due by:</b>						<b>Bill To</b> <b>Attention:</b> Devon <b>Address:</b> <b>City, State, Zip:</b> <b>Phone:</b> <b>Email:</b> <b>Pima Project #</b> R-1-311-1						<b>Lab Use Only</b> <b>Lab Work:</b> E 403264 <b>Job Number:</b> 01056-0007 <b>Analysis and Method</b> DRO/ORO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDOC NM BGDOC TX						<b>TAT</b> 1D 2D 3D X			<b>EPA Program</b> CWA SDWA RCRA	
<b>State</b> NM CO UT AZ TX X						<b>Remarks</b>																

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number
8:10	3/26	S		S1-1'	1
8:21				S1-2'	2
8:36				S1-3'	3
8:48				S1-4'	4
8:56				S2-1'	5
9:06				S2-2'	6
9:17				S2-3'	7
9:28				S2-4'	8
9:36				S3-1'	9
9:48				S3-2'	10

**Additional Instructions:** Billing # 21170912

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

**Relinquished by: (Signature)** Karime Adame **Date** 3-27-24 **Time** 1310  
**Relinquished by: (Signature)** **Date** 3-27-24 **Time** 1500  
**Relinquished by: (Signature)** Andrew **Date** 3-27-24 **Time** 2400

**Received by: (Signature)** **Date** 3-27-24 **Time** 1310  
**Received by: (Signature)** **Date** 3-27-24 **Time** 1815  
**Received by: (Signature)** **Date** 3-28-24 **Time** 0530

**Sample Matrix:** S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other  
**Container Type:** g - glass, p - poly/plastic, ag - amber glass, v - VOA

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

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

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



## Project Information

## Chain of Custody

Page 2 of 4

<b>Client:</b> Pima Environmental Services <b>Project:</b> Aldabra 25 Fed. LH <b>Project Manager:</b> Glo Gomez <b>Address:</b> 5614 N. Lovington Hwy. <b>City, State, Zip:</b> Hobbs, NM, 88240 <b>Phone:</b> 806-782-1151 <b>Email:</b> glo@pimaoil.com <b>Report due by:</b>					<b>Bill To</b> <b>Attention:</b> Devon <b>Address:</b> <b>City, State, Zip:</b> <b>Phone:</b> <b>Email:</b> <b>Pima Project #</b> R-1311-1					<b>Lab Use Only</b> <b>Lab Work:</b> E 403264 <b>Job Number:</b> 01050-007 <b>Analysis and Method:</b> DRO/ORO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDOC NM BGDOC TX					<b>TAT</b> 1D 2D 3D Standard X				<b>EPA Program</b> CWA SDWA RCRA <b>State</b> NM CO UT AZ TX X	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number											Remarks				
9:56	3/26	S		S3-3'	11															
10:11				S3-4'	12															
10:23				S4-1'	13															
10:38				S4-2'	14															
10:46				S4-3'	15															
10:58				S4-4'	16															
11:07				S5-1'	17															
11:19				S5-2'	18															
11:28				S5-3'	19															
11:37				S5-4'	20															
<b>Additional Instructions:</b> Billing # 21170912																				
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																				
Relinquished by: (Signature) Karime Adame Date: 3-27-24 Time: 1310					Received by: (Signature) [Signature] Date: 3-27-24 Time: 1310					Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.										
Relinquished by: (Signature) [Signature] Date: 3-27-24 Time: 1500					Received by: (Signature) [Signature] Date: 3-27-24 Time: 1815					Lab Use Only Received on ice: Y/N										
Relinquished by: (Signature) [Signature] Date: 3-27-24 Time: 2400					Received by: (Signature) [Signature] Date: 3-28-24 Time: 0530					T1 T2 T3 AVG Temp °C 4										
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																				
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																				



## Project Information

## Chain of Custody

Page 3 of 4

<b>Client: Pima Environmental Services</b> <b>Project: Alajabra 25 Feb. 14</b> <b>Project Manager: Gio Gomez</b> <b>Address: 5614 N. Lovington Hwy.</b> <b>City, State, Zip: Hobbs, NM, 88240</b> <b>Phone: 806-782-1151</b> <b>Email: gio@pimaoil.com</b> <b>Report due by:</b>					<b>Bill To</b> <b>Attention: Devon</b> <b>Address:</b> <b>City, State, Zip:</b> <b>Phone:</b> <b>Email:</b> <b>Pima Project # R-1-311-1</b>					<b>Lab Use Only</b> <b>Lab WCH: E 403264</b> <b>Job Number: 101058-0001</b>					<b>TAT</b> <b>1D 2D 3D</b> <b>Standard</b>			<b>EPA Program</b> <b>CWA SDWA</b> <b>RCRA</b>	
					<b>Analysis and Method</b> <b>DRO/ORO by 8015</b> <b>GRO/DRO by 8015</b> <b>BTEX by 8021</b> <b>VOC by 8260</b> <b>Metals 6010</b> <b>Chloride 300.0</b> <b>BDOC NM</b> <b>BDOC TX</b>					<b>State</b> <b>NM CO UT AZ TX</b> <b>Remarks</b>									
<b>Time Sampled</b>	<b>Date Sampled</b>	<b>Matrix</b>	<b>No. of Containers</b>	<b>Sample ID</b>	<b>Lab Number</b>														
11:45	3/26	S		S6-1'	21														
11:59				S6-2'	22														
12:03				S6-3'	23														
12:19				S6-4'	24														
12:28				S7-1'	25														
12:37				S7-2'	26														
12:45				S7-3'	27														
12:57				S7-4'	28														
1:16				SW1	29														
1:26				SW2	30														
<b>Additional Instructions:</b>																			
<b>Billing # 21170912</b>																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																			
<b>Relinquished by: (Signature)</b> <b>Date</b> <b>Time</b> <b>Received by: (Signature)</b> <b>Date</b> <b>Time</b>																			
<b>Relinquished by: (Signature)</b> <b>Date</b> <b>Time</b> <b>Received by: (Signature)</b> <b>Date</b> <b>Time</b>																			
<b>Relinquished by: (Signature)</b> <b>Date</b> <b>Time</b> <b>Received by: (Signature)</b> <b>Date</b> <b>Time</b>																			
<b>Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other</b>																			
<b>Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.</b>																			
<b>Lab Use Only</b> <b>Received on ice: Y/N</b> <b>T1 T2 T3</b> <b>AVG Temp °C</b>																			
<b>Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA</b>																			





## Envirotech Analytical Laboratory

Printed: 3/28/2024 1:27:53PM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	03/28/24 05:30	Work Order ID:	E403264
Phone:	(575) 631-6977	Date Logged In:	03/27/24 16:57	Logged In By:	Angelina Pineda
Email:	gio@pimaoil.com	Due Date:	04/03/24 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
  2. Does the number of samples per sampling site location match the COC? Yes
  3. Were samples dropped off by client or carrier? Yes
  4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
  5. Were all samples received within holding time? Yes
- Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierSample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received? Yes
  8. If yes, was cooler received in good condition? Yes
  9. Was the sample(s) received intact, i.e., not broken? Yes
  10. Were custody/security seals present? No
  11. If yes, were custody/security seals intact? NA
  12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes
- Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling
13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:
  - Sample ID? Yes
  - Date/Time Collected? Yes
  - Collectors name? Yes

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client InstructionComments/Resolution

No. of containers and Sampled by not documented on COC by client.

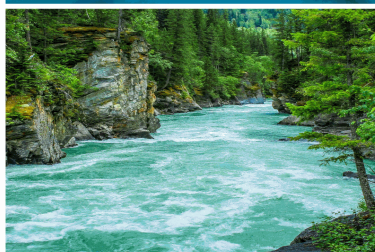
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:  
Tom Bynum



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Aldabra 25 Fed Com #1 H

Work Order: E408008

Job Number: 01058-0007

Received: 8/2/2024

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
8/2/24

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.  
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.



Date Reported: 8/2/24

Tom Bynum  
PO Box 247  
Plains, TX 79355-0247



Project Name: Aldabra 25 Fed Com #1 H  
Workorder: E408008  
Date Received: 8/2/2024 8:00:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/2/2024 8:00:00AM, under the Project Name: Aldabra 25 Fed Com #1 H.

The analytical test results summarized in this report with the Project Name: Aldabra 25 Fed Com #1 H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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Chain of Custody etc.

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Aldabra 25 Fed Com #1 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	08/02/24 14:55

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS1-2.5'	E408008-01A	Soil	07/31/24	08/02/24	Glass Jar, 2 oz.
CS2-2.5'	E408008-02A	Soil	07/31/24	08/02/24	Glass Jar, 2 oz.
CS3-2.5'	E408008-03A	Soil	07/31/24	08/02/24	Glass Jar, 2 oz.
CS4-2.5'	E408008-04A	Soil	07/31/24	08/02/24	Glass Jar, 2 oz.
CS5-2.5'	E408008-05A	Soil	07/31/24	08/02/24	Glass Jar, 2 oz.
CS6-2.5'	E408008-06A	Soil	07/31/24	08/02/24	Glass Jar, 2 oz.
CS7-3.5'	E408008-07A	Soil	07/31/24	08/02/24	Glass Jar, 2 oz.
CS8-3.5'	E408008-08A	Soil	07/31/24	08/02/24	Glass Jar, 2 oz.
CSW1-2.5'	E408008-09A	Soil	07/31/24	08/02/24	Glass Jar, 2 oz.
CSW2-2.5'	E408008-10A	Soil	07/31/24	08/02/24	Glass Jar, 2 oz.
CSW3-2.5'	E408008-11A	Soil	07/31/24	08/02/24	Glass Jar, 2 oz.
CSW4-3.5'	E408008-12A	Soil	07/31/24	08/02/24	Glass Jar, 2 oz.
CSW5-3.5'	E408008-13A	Soil	07/31/24	08/02/24	Glass Jar, 2 oz.
CSW6-3.5'	E408008-14A	Soil	07/31/24	08/02/24	Glass Jar, 2 oz.



## Sample Data

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

Project Name: Aldabra 25 Fed Com #1 H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
8/2/2024 2:55:34PM

## CS1-2.5'

## E408008-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2431117	
Benzene	ND	0.0250	1	08/01/24	08/02/24	
Ethylbenzene	ND	0.0250	1	08/01/24	08/02/24	
Toluene	ND	0.0250	1	08/01/24	08/02/24	
o-Xylene	ND	0.0250	1	08/01/24	08/02/24	
p,m-Xylene	ND	0.0500	1	08/01/24	08/02/24	
Total Xylenes	ND	0.0250	1	08/01/24	08/02/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		91.0 %	70-130	08/01/24	08/02/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2431117	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/24	08/02/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		103 %	70-130	08/01/24	08/02/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2431119	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/02/24	08/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/02/24	08/02/24	
<i>Surrogate: n-Nonane</i>						
		101 %	50-200	08/02/24	08/02/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2431122	
Chloride	ND	20.0	1	08/02/24	08/02/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Aldabra 25 Fed Com #1 H	<b>Reported:</b> 8/2/2024 2:55:34PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CS2-2.5'

E408008-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2431117	
Benzene	ND	0.0250	1	08/01/24	08/02/24	
Ethylbenzene	ND	0.0250	1	08/01/24	08/02/24	
Toluene	ND	0.0250	1	08/01/24	08/02/24	
o-Xylene	ND	0.0250	1	08/01/24	08/02/24	
p,m-Xylene	ND	0.0500	1	08/01/24	08/02/24	
Total Xylenes	ND	0.0250	1	08/01/24	08/02/24	
Surrogate: 4-Bromochlorobenzene-PID	90.5 %	70-130		08/01/24	08/02/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2431117	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/24	08/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	103 %	70-130		08/01/24	08/02/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2431119	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/02/24	08/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/02/24	08/02/24	
Surrogate: n-Nonane	103 %	50-200		08/02/24	08/02/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2431122	
Chloride	ND	20.0	1	08/02/24	08/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Aldabra 25 Fed Com #1 H	<b>Reported:</b> 8/2/2024 2:55:34PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CS3-2.5'

E408008-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2431117	
Benzene	ND	0.0250	1	08/01/24	08/02/24	
Ethylbenzene	ND	0.0250	1	08/01/24	08/02/24	
Toluene	ND	0.0250	1	08/01/24	08/02/24	
o-Xylene	ND	0.0250	1	08/01/24	08/02/24	
p,m-Xylene	ND	0.0500	1	08/01/24	08/02/24	
Total Xylenes	ND	0.0250	1	08/01/24	08/02/24	
Surrogate: 4-Bromochlorobenzene-PID	90.7 %	70-130		08/01/24	08/02/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2431117	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/24	08/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	103 %	70-130		08/01/24	08/02/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2431119	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/02/24	08/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/02/24	08/02/24	
Surrogate: n-Nonane	94.9 %	50-200		08/02/24	08/02/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2431122	
Chloride	ND	20.0	1	08/02/24	08/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Aldabra 25 Fed Com #1 H	<b>Reported:</b> 8/2/2024 2:55:34PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CS4-2.5'

E408008-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2431117	
Benzene	ND	0.0250	1	08/01/24	08/02/24	
Ethylbenzene	ND	0.0250	1	08/01/24	08/02/24	
Toluene	ND	0.0250	1	08/01/24	08/02/24	
o-Xylene	ND	0.0250	1	08/01/24	08/02/24	
p,m-Xylene	ND	0.0500	1	08/01/24	08/02/24	
Total Xylenes	ND	0.0250	1	08/01/24	08/02/24	
Surrogate: 4-Bromochlorobenzene-PID	101 %	70-130		08/01/24	08/02/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2431117	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/24	08/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	92.9 %	70-130		08/01/24	08/02/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2431119	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/02/24	08/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/02/24	08/02/24	
Surrogate: n-Nonane	97.5 %	50-200		08/02/24	08/02/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2431122	
Chloride	ND	20.0	1	08/02/24	08/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Aldabra 25 Fed Com #1 H	<b>Reported:</b> 8/2/2024 2:55:34PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CS5-2.5'

E408008-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2431117	
Benzene	ND	0.0250	1	08/01/24	08/02/24	
Ethylbenzene	ND	0.0250	1	08/01/24	08/02/24	
Toluene	ND	0.0250	1	08/01/24	08/02/24	
o-Xylene	ND	0.0250	1	08/01/24	08/02/24	
p,m-Xylene	ND	0.0500	1	08/01/24	08/02/24	
Total Xylenes	ND	0.0250	1	08/01/24	08/02/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.1 %	70-130		08/01/24	08/02/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2431117	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/24	08/02/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.3 %	70-130		08/01/24	08/02/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2431119	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/02/24	08/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/02/24	08/02/24	
<i>Surrogate: n-Nonane</i>						
	98.1 %	50-200		08/02/24	08/02/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2431122	
Chloride	ND	20.0	1	08/02/24	08/02/24	





## Sample Data

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

Project Name: Aldabra 25 Fed Com #1 H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
8/2/2024 2:55:34PM

CS6-2.5'

E408008-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2431117	
Benzene	ND	0.0250	1	08/01/24	08/02/24	
Ethylbenzene	ND	0.0250	1	08/01/24	08/02/24	
Toluene	ND	0.0250	1	08/01/24	08/02/24	
o-Xylene	ND	0.0250	1	08/01/24	08/02/24	
p,m-Xylene	ND	0.0500	1	08/01/24	08/02/24	
Total Xylenes	ND	0.0250	1	08/01/24	08/02/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.9 %	70-130		08/01/24	08/02/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2431117	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/24	08/02/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.9 %	70-130		08/01/24	08/02/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2431119	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/02/24	08/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/02/24	08/02/24	
<i>Surrogate: n-Nonane</i>						
	97.3 %	50-200		08/02/24	08/02/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2431122	
Chloride	ND	20.0	1	08/02/24	08/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Aldabra 25 Fed Com #1 H	<b>Reported:</b> 8/2/2024 2:55:34PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CS7-3.5'

E408008-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2431117	
Benzene	ND	0.0250	1	08/01/24	08/02/24	
Ethylbenzene	ND	0.0250	1	08/01/24	08/02/24	
Toluene	ND	0.0250	1	08/01/24	08/02/24	
o-Xylene	ND	0.0250	1	08/01/24	08/02/24	
p,m-Xylene	ND	0.0500	1	08/01/24	08/02/24	
Total Xylenes	ND	0.0250	1	08/01/24	08/02/24	
Surrogate: 4-Bromochlorobenzene-PID	98.3 %	70-130		08/01/24	08/02/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: CG		Batch: 2431117	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/24	08/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	91.5 %	70-130		08/01/24	08/02/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2431119	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/02/24	08/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/02/24	08/02/24	
Surrogate: n-Nonane	116 %	50-200		08/02/24	08/02/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2431122	
Chloride	ND	20.0	1	08/02/24	08/02/24	



## Sample Data

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

Project Name: Aldabra 25 Fed Com #1 H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
8/2/2024 2:55:34PM

CS8-3.5'

E408008-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2431117	
Benzene	ND	0.0250	1	08/01/24	08/02/24	
Ethylbenzene	ND	0.0250	1	08/01/24	08/02/24	
Toluene	ND	0.0250	1	08/01/24	08/02/24	
o-Xylene	ND	0.0250	1	08/01/24	08/02/24	
p,m-Xylene	ND	0.0500	1	08/01/24	08/02/24	
Total Xylenes	ND	0.0250	1	08/01/24	08/02/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.9 %	70-130		08/01/24	08/02/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2431117	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/24	08/02/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.5 %	70-130		08/01/24	08/02/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2431119	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/02/24	08/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/02/24	08/02/24	
<i>Surrogate: n-Nonane</i>						
	111 %	50-200		08/02/24	08/02/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: DT		Batch: 2431122	
Chloride	ND	20.0	1	08/02/24	08/02/24	



## Sample Data

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

Project Name: Aldabra 25 Fed Com #1 H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
8/2/2024 2:55:34PM

CSW1-2.5'

E408008-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2431117	
Benzene	ND	0.0250	1	08/01/24	08/02/24	
Ethylbenzene	ND	0.0250	1	08/01/24	08/02/24	
Toluene	ND	0.0250	1	08/01/24	08/02/24	
o-Xylene	ND	0.0250	1	08/01/24	08/02/24	
p,m-Xylene	ND	0.0500	1	08/01/24	08/02/24	
Total Xylenes	ND	0.0250	1	08/01/24	08/02/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.2 %	70-130		08/01/24	08/02/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2431117	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/24	08/02/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.5 %	70-130		08/01/24	08/02/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2431119	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/02/24	08/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/02/24	08/02/24	
<i>Surrogate: n-Nonane</i>						
	111 %	50-200		08/02/24	08/02/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: WF		Batch: 2431122	
Chloride	ND	20.0	1	08/02/24	08/02/24	





## Sample Data

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

Project Name: Aldabra 25 Fed Com #1 H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
8/2/2024 2:55:34PM

CSW2-2.5'

E408008-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2431117	
Benzene	ND	0.0250	1	08/01/24	08/02/24	
Ethylbenzene	ND	0.0250	1	08/01/24	08/02/24	
Toluene	ND	0.0250	1	08/01/24	08/02/24	
o-Xylene	ND	0.0250	1	08/01/24	08/02/24	
p,m-Xylene	ND	0.0500	1	08/01/24	08/02/24	
Total Xylenes	ND	0.0250	1	08/01/24	08/02/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.2 %	70-130		08/01/24	08/02/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: CG		Batch: 2431117	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/24	08/02/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.9 %	70-130		08/01/24	08/02/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2431119	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/02/24	08/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/02/24	08/02/24	
<i>Surrogate: n-Nonane</i>						
	117 %	50-200		08/02/24	08/02/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: WF		Batch: 2431122	
Chloride	ND	20.0	1	08/02/24	08/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Aldabra 25 Fed Com #1 H	<b>Reported:</b> 8/2/2024 2:55:34PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CSW3-2.5'  
E408008-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2431117	
Benzene	ND	0.0250	1	08/01/24	08/02/24	
Ethylbenzene	ND	0.0250	1	08/01/24	08/02/24	
Toluene	ND	0.0250	1	08/01/24	08/02/24	
o-Xylene	ND	0.0250	1	08/01/24	08/02/24	
p,m-Xylene	ND	0.0500	1	08/01/24	08/02/24	
Total Xylenes	ND	0.0250	1	08/01/24	08/02/24	
Surrogate: 4-Bromochlorobenzene-PID	90.9 %	70-130		08/01/24	08/02/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2431117	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/24	08/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	104 %	70-130		08/01/24	08/02/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2431119	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/02/24	08/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/02/24	08/02/24	
Surrogate: n-Nonane	116 %	50-200		08/02/24	08/02/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: WF		Batch: 2431122	
Chloride	ND	20.0	1	08/02/24	08/02/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Aldabra 25 Fed Com #1 H	<b>Reported:</b> 8/2/2024 2:55:34PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CSW4-3.5'  
E408008-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2431117	
Benzene	ND	0.0250	1	08/01/24	08/02/24	
Ethylbenzene	ND	0.0250	1	08/01/24	08/02/24	
Toluene	ND	0.0250	1	08/01/24	08/02/24	
o-Xylene	ND	0.0250	1	08/01/24	08/02/24	
p,m-Xylene	ND	0.0500	1	08/01/24	08/02/24	
Total Xylenes	ND	0.0250	1	08/01/24	08/02/24	
Surrogate: 4-Bromochlorobenzene-PID	90.7 %	70-130		08/01/24	08/02/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2431117	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/24	08/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	104 %	70-130		08/01/24	08/02/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2431119	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/02/24	08/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/02/24	08/02/24	
Surrogate: n-Nonane	117 %	50-200		08/02/24	08/02/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: WF		Batch: 2431122	
Chloride	ND	20.0	1	08/02/24	08/02/24	



## Sample Data

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

Project Name: Aldabra 25 Fed Com #1 H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
8/2/2024 2:55:34PM

CSW5-3.5'

E408008-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2431117	
Benzene	ND	0.0250	1	08/01/24	08/02/24	
Ethylbenzene	ND	0.0250	1	08/01/24	08/02/24	
Toluene	ND	0.0250	1	08/01/24	08/02/24	
o-Xylene	ND	0.0250	1	08/01/24	08/02/24	
p,m-Xylene	ND	0.0500	1	08/01/24	08/02/24	
Total Xylenes	ND	0.0250	1	08/01/24	08/02/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.9 %	70-130		08/01/24	08/02/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2431117	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/24	08/02/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	104 %	70-130		08/01/24	08/02/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2431119	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/02/24	08/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/02/24	08/02/24	
<i>Surrogate: n-Nonane</i>						
	103 %	50-200		08/02/24	08/02/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: WF		Batch: 2431122	
Chloride	ND	20.0	1	08/02/24	08/02/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Aldabra 25 Fed Com #1 H	<b>Reported:</b> 8/2/2024 2:55:34PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

CSW6-3.5'  
E408008-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2431117	
Benzene	ND	0.0250	1	08/01/24	08/02/24	
Ethylbenzene	ND	0.0250	1	08/01/24	08/02/24	
Toluene	ND	0.0250	1	08/01/24	08/02/24	
o-Xylene	ND	0.0250	1	08/01/24	08/02/24	
p,m-Xylene	ND	0.0500	1	08/01/24	08/02/24	
Total Xylenes	ND	0.0250	1	08/01/24	08/02/24	
Surrogate: 4-Bromochlorobenzene-PID	90.3 %	70-130		08/01/24	08/02/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2431117	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/24	08/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	103 %	70-130		08/01/24	08/02/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2431119	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/02/24	08/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/02/24	08/02/24	
Surrogate: n-Nonane	111 %	50-200		08/02/24	08/02/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: WF		Batch: 2431122	
Chloride	ND	20.0	1	08/02/24	08/02/24	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Aldabra 25 Fed Com #1 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/2/2024 2:55:34PM

Volatile Organics by EPA 8021B

Analyst: BA

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

Blank (2431117-BLK1)

Prepared: 08/01/24 Analyzed: 08/01/24

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	6.97		8.00		87.1	70-130			

LCS (2431117-BS1)

Prepared: 08/01/24 Analyzed: 08/01/24

Benzene	5.47	0.0250	5.00		109	70-130			
Ethylbenzene	5.11	0.0250	5.00		102	70-130			
Toluene	5.37	0.0250	5.00		107	70-130			
o-Xylene	5.19	0.0250	5.00		104	70-130			
p,m-Xylene	10.5	0.0500	10.0		105	70-130			
Total Xylenes	15.7	0.0250	15.0		105	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.08		8.00		88.5	70-130			

LCS Dup (2431117-BS1)

Prepared: 08/01/24 Analyzed: 08/01/24

Benzene	5.08	0.0250	5.00		102	70-130	7.37	20	
Ethylbenzene	4.77	0.0250	5.00		95.4	70-130	6.87	20	
Toluene	5.00	0.0250	5.00		100	70-130	7.25	20	
o-Xylene	4.84	0.0250	5.00		96.7	70-130	7.07	20	
p,m-Xylene	9.81	0.0500	10.0		98.1	70-130	6.89	20	
Total Xylenes	14.6	0.0250	15.0		97.6	70-130	6.95	20	
Surrogate: 4-Bromochlorobenzene-PID	7.06		8.00		88.2	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Aldabra 25 Fed Com #1 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/2/2024 2:55:34PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2431117-BLK1)					Prepared: 08/01/24 Analyzed: 08/01/24				
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.35		8.00		104	70-130			

LCS (2431117-BS2)					Prepared: 08/01/24 Analyzed: 08/01/24				
Gasoline Range Organics (C6-C10)	47.4	20.0	50.0		94.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.50		8.00		106	70-130			

LCS Dup (2431117-BSD2)					Prepared: 08/01/24 Analyzed: 08/02/24				
Gasoline Range Organics (C6-C10)	48.5	20.0	50.0		96.9	70-130	2.17	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.55		8.00		107	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Aldabra 25 Fed Com #1 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/2/2024 2:55:34PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2431119-BLK1)					Prepared: 08/01/24 Analyzed: 08/01/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	54.2		50.0		108	50-200			

LCS (2431119-BS1)					Prepared: 08/01/24 Analyzed: 08/02/24				
Diesel Range Organics (C10-C28)	237	25.0	250		94.6	38-132			
Surrogate: n-Nonane	53.4		50.0		107	50-200			

LCS Dup (2431119-BSD1)					Prepared: 08/01/24 Analyzed: 08/02/24				
Diesel Range Organics (C10-C28)	238	25.0	250		95.4	38-132	0.769	20	
Surrogate: n-Nonane	53.2		50.0		106	50-200			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Aldabra 25 Fed Com #1 H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/2/2024 2:55:34PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2431122-BLK1)					Prepared: 08/02/24 Analyzed: 08/02/24				
Chloride	ND	20.0							
LCS (2431122-BS1)					Prepared: 08/02/24 Analyzed: 08/02/24				
Chloride	253	20.0	250		101	90-110			
LCS Dup (2431122-BSD1)					Prepared: 08/02/24 Analyzed: 08/02/24				
Chloride	255	20.0	250		102	90-110	0.832	20	

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



Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	Aldabra 25 Fed Com #1 H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	08/02/24 14:55

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

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

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



## Project Information

## Chain of Custody

Page 1 of 2

<b>Client: Pima Environmental Services</b> <b>Project: Aldabra 25 Fed #1H</b> <b>Project Manager: Tom Bynum</b> <b>Address: 5614 N. Lovington Hwy.</b> <b>City, State, Zip: Hobbs, NM, 88240</b> <b>Phone: 806-782-1151</b> <b>Email: tom@pimaoil.com</b> <b>Report due by:</b>				<b>Bill To</b> <b>Attention: Devon Energy</b> <b>Address:</b> <b>City, State, Zip:</b> <b>Phone:</b> <b>Email:</b> <b>Pima Project # 1-311-1 (nRM2024823786)</b>				<b>Lab Use Only</b> <b>Lab WO#</b> E 408008 <b>Job Number</b> 01058-0007 <b>Analysis and Method</b> DRO/ORO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BDOC NM BDOC TX				<b>TAT</b> 1D 2D 3D Standard X <b>State</b> NM CO UT AZ TX X				<b>EPA Program</b> CWA SDWA RCRA	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BDOC NM	BDOC TX	Remarks			
12:30	7/31	S	1	CS1-2.5'	1							X					
12:36				CS2-2.5'	2												
12:48				CS3-2.5'	3												
12:56				CS4-2.5'	4												
1:20				CS5-2.5'	5												
1:26				CS6-2.5'	6												
1:33				CS7-3.5'	7												
1:43				CS8-3.5'	8												
1:47				CSW1-2.5'	9												
1:50				CSW2-2.5'	10												
<b>Additional Instructions:</b> Work Order/Billing: 21170912																	
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.												Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 5 °C on subsequent days.					
<b>Sampled by:</b>																	
Relinquished by: (Signature) <i>Carina Adair</i>				Date <i>8/1/24</i>		Time <i>2:35</i>		Received by: (Signature) <i>Michelle Gonzales</i>				Date <i>8-1-24</i>		Time <i>1435</i>		<b>Lab Use Only</b>	
Relinquished by: (Signature) <i>Michelle Gonzales</i>				Date <i>8-1-24</i>		Time <i>1650</i>		Received by: (Signature) <i>Carina Adair</i>				Date <i>8-1-24</i>		Time <i>1730</i>		Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
Relinquished by: (Signature) <i>Carina Adair</i>				Date <i>8-1-24</i>		Time <i>23:59</i>		Received by: (Signature) <i>Michelle Gonzales</i>				Date <i>8/2/24</i>		Time <i>800</i>		T1 _____ T2 _____ T3 _____ AVG Temp °C <i>4</i>	
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other												Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA					
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																	





## Envirotech Analytical Laboratory

Printed: 8/2/2024 11:41:54AM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	08/02/24 08:00	Work Order ID:	E408008
Phone:	(575) 631-6977	Date Logged In:	08/01/24 15:28	Logged In By:	Alexa Michaels
Email:	tom@pimaoil.com	Due Date:	08/02/24 17:00 (0 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CouierComments/Resolution

Sampled by name is not listed on the COC by client.

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

**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  
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QUESTIONS  
  
Action 373895

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	373895
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nRM2024823786
Incident Name	NRM2024823786 ALDABRA 25 FED #1H @ 0
Incident Type	Oil Release
Incident Status	Remediation Closure Report Received

Location of Release Source	
Please answer all the questions in this group.	
Site Name	ALDABRA 25 FED #1H
Date Release Discovered	07/08/2020
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	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Corrosion   Flow Line - Production   Crude Oil   Released: 6 BBL   Recovered: 0 BBL   Lost: 6 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure   Flow Line - Production   Produced Water   Released: 2 BBL   Recovered: 0 BBL   Lost: 2 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 373895

**QUESTIONS (continued)**

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**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
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. gas only) are to be submitted on the C-129 form.	

**Initial Response**

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

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

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

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

I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dnv.com Date: 08/14/2024
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QUESTIONS, Page 3

Action 373895

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 373895
	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
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

**Remediation Plan**

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

Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

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

Chloride	(EPA 300.0 or SM4500 Cl B)	113
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	2047
GRO+DRO	(EPA SW-846 Method 8015M)	1410
BTEX	(EPA SW-846 Method 8021B or 8260B)	0
Benzene	(EPA SW-846 Method 8021B or 8260B)	0

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	06/27/2024
On what date will (or did) the final sampling or liner inspection occur	06/30/2024
On what date will (or was) the remediation complete(d)	06/29/2024
What is the estimated surface area (in square feet) that will be reclaimed	1577
What is the estimated volume (in cubic yards) that will be reclaimed	161
What is the estimated surface area (in square feet) that will be remediated	1577
What is the estimated volume (in cubic yards) that will be remediated	161

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

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



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QUESTIONS, Page 4

Action 373895

**QUESTIONS (continued)**

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**QUESTIONS**

<b>Remediation Plan (continued)</b>	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
<b>This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:</b>	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for <b>off-site</b> disposal	R360 ARTESIA LLC LANDFARM [FEEM0112340644]
<b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal	Not answered.
<b>OR</b> is the <b>off-site</b> 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 <b>on-site</b> 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.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 08/14/2024
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5  
  
Action 373895

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 373895
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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QUESTIONS, Page 6

Action 373895

**QUESTIONS (continued)**

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	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

Sampling Event Information	
Last sampling notification (C-141N) recorded	367890
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	07/31/2024
What was the (estimated) number of samples that were to be gathered	14
What was the sampling surface area in square feet	1577

**Remediation Closure Request**

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

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	1577
What was the total volume (cubic yards) remediated	161
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	1577
What was the total volume (in cubic yards) reclaimed	161
Summarize any additional remediation activities not included by answers (above)	see report

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

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

I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 08/14/2024
--	--

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Action 373895

QUESTIONS (continued)

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	Action Number:
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Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

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

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CONDITIONS  
  
Action 373895

CONDITIONS

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	Action Number: 373895
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	Remediation closure approved.	8/16/2024
amaxwell	A reclamation report will not be accepted until reclamation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	8/16/2024
amaxwell	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	8/16/2024