

Incident ID	NAB1530829829
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	<u><50'</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

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

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

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	NAB1530829829
District RP	
Facility ID	
Application ID	

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

Printed Name: Dale Woodall Title: Environmental Professional

Signature: *Dale Woodall* Date: 6/5/2023

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

OCD Only

Received by: Jocelyn Harimon Date: 06/05/2023

Incident ID	NAB1530829829
District RP	
Facility ID	
Application ID	

Closure

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

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

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

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

Printed Name: Dale Woodall Title: Environmental Professional
Signature: Dale Woodall Date: 6/5/2023
email: dale.woodall@dvn.com Telephone: 575-748-1839

OCD Only

Received by: Jocelyn Harimon Date: 06/05/2023

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

Closure Approved by: Jocelyn Harimon Date: 06/23/2023
Printed Name: Jocelyn Harimon Title: Environmental Specialist



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

June 5, 2023

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

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

Re: Site Assessment, Remediation, and Closure Report
Ore Ida 14 Fed 10
API No. 30-015-29290
GPS: Latitude 32.215079 Longitude -103.948767
UL -- I, Sec. 14, T24S, R29E
Eddy County, NM
NMOCD Ref. No. NAB1530829829

Pima Environmental Services, LLC. (Pima) has been contracted by Devon Energy Production Company, LP (Devon) to perform a spill assessment, remediation activities, and submit this closure report for a produced water release that occurred at the Ore Ida 14 Fed 10 (Ore Ida). The initial C-141 was submitted on November 3rd, 2015 (Appendix C). This incident was assigned Incident ID NAB1530829829 by the New Mexico Oil Conservation Division (NMOCD).

Site Characterization

The Ore Ida is located approximately seven (7) miles southeast of Malaga, NM. This spill site is in Unit I, Section 14, Township 24S, Range 29E, Latitude 32.215079 Longitude -103.948767, Eddy County, NM. Figure 1 references a Location Map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is in the eolian and piedmont deposits (Holocene to middle Pleistocene). The soil in this area is made up of Kermit-Berino fine sand, 0 to 3 percent slopes, eroded according to the United States Department of Agriculture Natural Resources Conservation Service soil survey (Appendix B). The drainage courses in this area are well-drained. There is a low potential for karst geology to be present in the area of the Ore Ida (Figure 3).

According to the New Mexico Office of the State Engineer, depth to the nearest groundwater in this area is 150 feet below grade surface (BGS). According to the United States Geological Survey (USGS), the nearest groundwater is greater than 168.08 feet BGS. The closest waterway is the Pecos River, located approximately 1.94 miles to the southwest of this location. See Appendix A for referenced water surveys.

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

Reference Figure 2 for a Topographic Map.

Release Information

NAB1530829829: On May 16th, 2023, a three-inch poly pipe developed a hole causing a 25-barrel release of produced water. The release area measured approximately 12 feet by 50 feet on the lease road and into the adjacent pasture.

Remediation Activities, Site Assessment, and Soil Sampling Results

On May 16th, 2023, Pima Environmental mobilized personnel to assess the impacted area. Pima sampled the areas surrounding the point of release and adjacent pasture. Pima collected a total of twenty-four soil samples for laboratory analysis. Eight bottom samples (S1-S8) were collected at depths of 1 and 4 feet to determine vertical delineation. Additionally, side wall samples (SW1-SW8) were collected at a depth of 6 inches to determine horizontal delineation. An initial site map can be found in Figure 4.

5-16-23 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
DEVON ENERGY -ORE IDA 14 Fed 10								
Sample Date: 5/16/23		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
S-1	1'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S-2	1'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S-3	1'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S-4	1'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S-5	1'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S-6	1'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S-7	1'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S-8	1'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
SW 1	6"	ND	ND	ND	ND	ND	0	ND
SW 2	6"	ND	ND	ND	ND	ND	0	ND
SW 3	6"	ND	ND	ND	ND	ND	0	ND
SW 4	6"	ND	ND	ND	ND	ND	0	ND
SW 5	6"	ND	ND	ND	ND	ND	0	ND
SW 6	6"	ND	ND	ND	ND	ND	0	ND
SW 7	6"	ND	ND	ND	ND	ND	0	ND
SW 8	6"	ND	ND	ND	ND	ND	0	ND

ND: Analyte Non-Detect

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

Closure Request

Due to analytical levels falling below NMOCD closure criteria, no further action is required.

After careful review, Pima requests that this incident, NAB1530829829 be closed. Devon has complied with the applicable closure requirements set forth in rule 19.15.19.12 NMAC.

Should you have any questions or need additional information, please feel free to contact Sebastian Orozco at 619-721-4813 or Sebastian@pimaoil.com.

Respectfully,

Sebastian Orozco

Sebastian Orozco
Environmental Professional
Pima Environment Services, LLC

Attachments

Figures:

- 1- Location Map
- 2- Topographic Map
- 3- Karst Map
- 4- Initial Site Map

Appendices:

- Appendix A – Referenced Water Surveys
- Appendix B – Soil Survey and Geological Data
- Appendix C – C-141 Form
- Appendix D – Photographic Documentation
- Appendix E – Laboratory Reports



Pima Environmental Services

Figures:

1-Location Map


2-Topographic Map

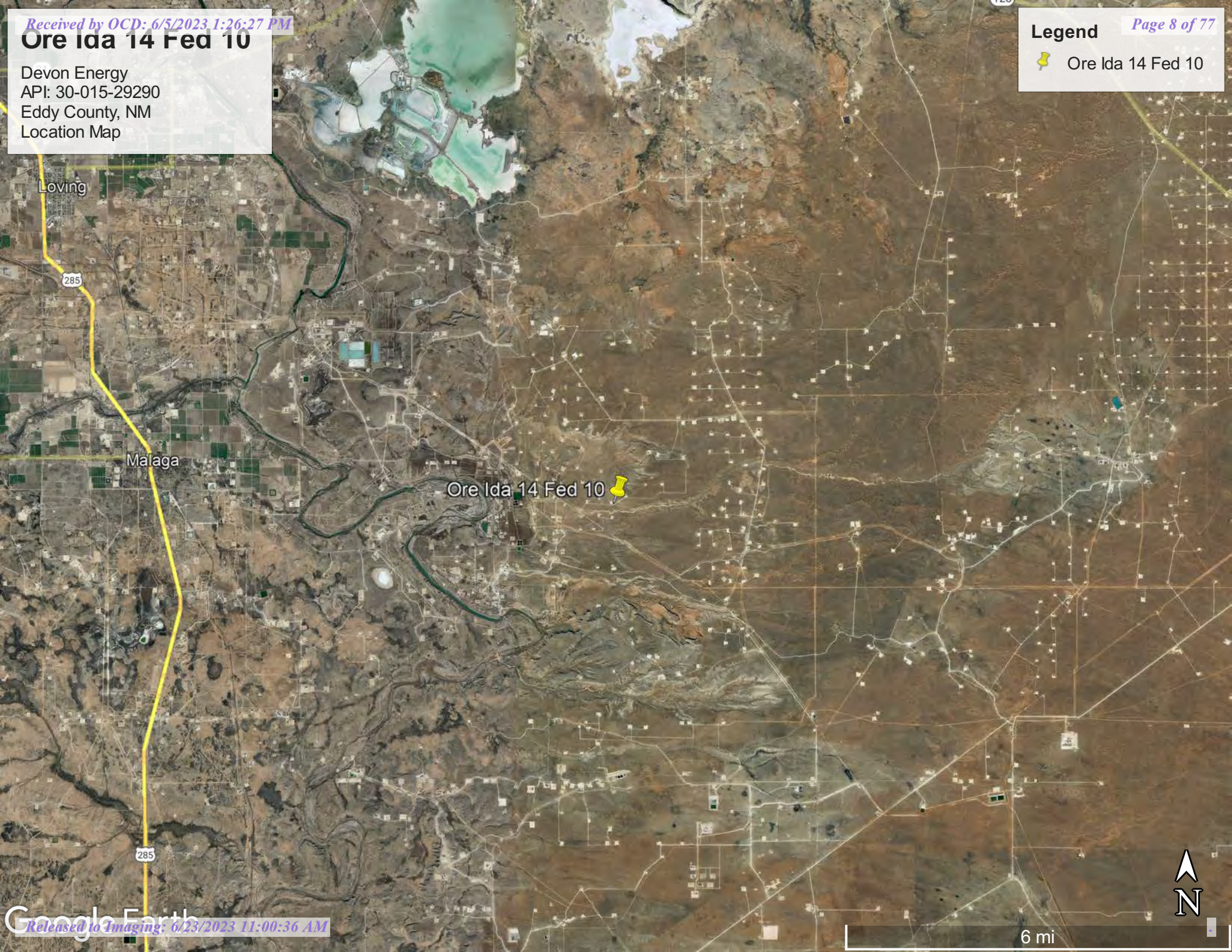
3-Karst Map

4-Site Map

Ore Ida 14 Feb 10

Devon Energy
API: 30-015-29290
Eddy County, NM
Location Map

 Ore Ida 14 Feb 10

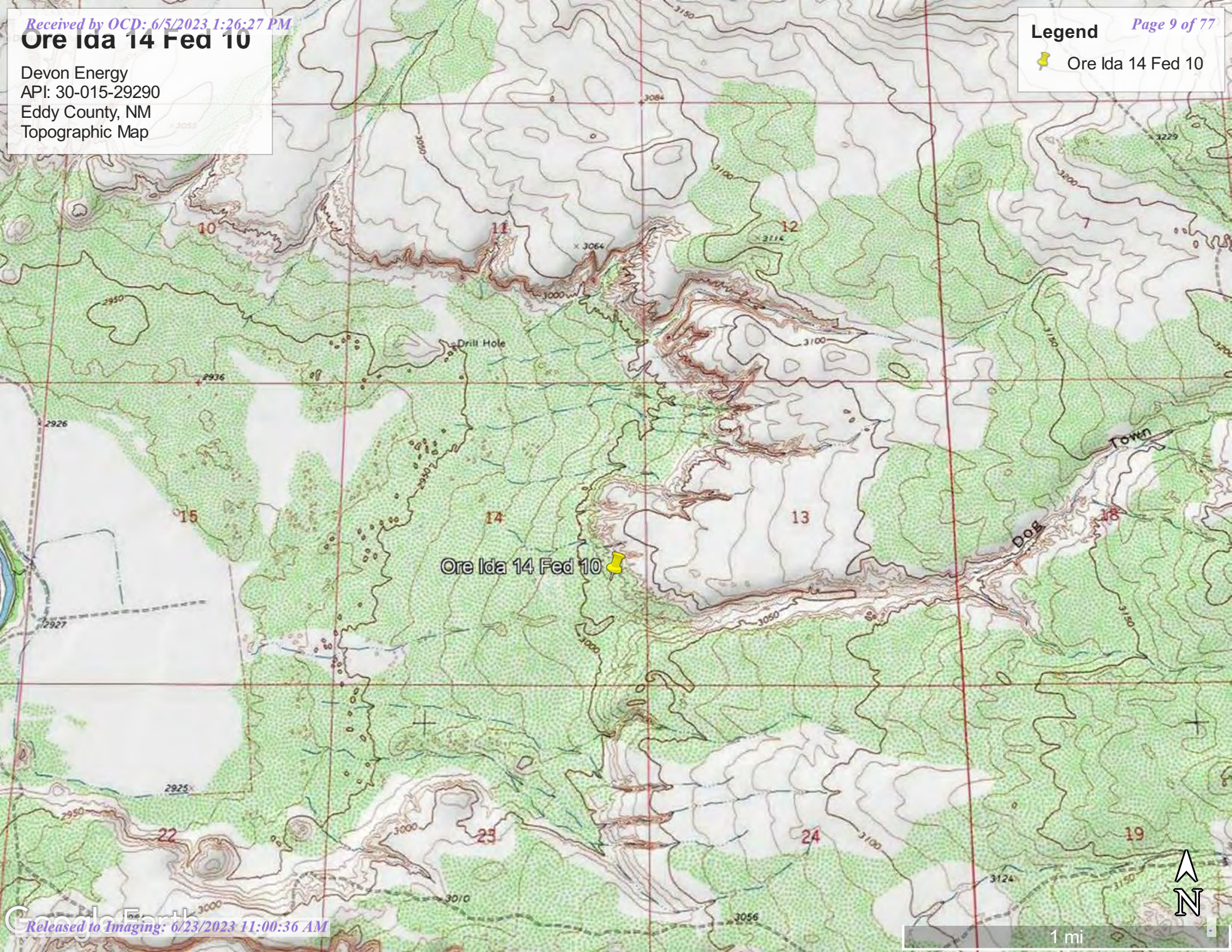


Ore Ida 14 Fed 10

Devon Energy
API: 30-015-29290
Eddy County, NM
Topographic Map

Legend

 Ore Ida 14 Fed 10



Ore Ida 14 Fed 10

Devon Energy
API: 30-015-29290
Eddy County, NM
Karst Map

Legend

-  High Karst
-  Low Karst
-  Medium Karst
-  Ore Ida 14 Fed 10

Ore Ida 14 Fed 10 





1 mi


Ore Ida 14 Feb 10

Devon Energy
32.21323,-103.95768
30-015-29290
NAB1530829829
Eddy County, NM
Site Map

Legend

 Bottom Sample

 Original Release Area

 Side Wall Sample





Pima Environmental Services

Appendix A

Water Surveys:

OSE

USGS

Surface Water Map



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
C 04617 POD1		CUB	ED	3	1	3	22	24S	29E	596241	3563113	3268	110		
C 04676 POD1		CUB	ED	1	2	2	19	24S	30E	602298	3564202	3279	120		
C 02109		CUB	ED	1	2	4	19	24S	30E	602130	3563412	3347	130	150	-20
C 04481 POD8		CUB	ED	1	3	4	03	24S	29E	596852	3567655	3644	125		
C 04481 POD7		CUB	ED	2	4	3	03	14S	29E	596800	3567655	3676	110		
C 04481 POD6		CUB	ED	2	4	3	03	24S	29E	596748	3567654	3708	120		
C 04481 POD2		CUB	ED	1	3	4	03	24S	29E	596852	3567748	3719	120		
C 04481 POD4		CUB	ED	2	4	3	03	24S	29E	596747	3567685	3732	150		
C 04481 POD1		CUB	ED	1	3	4	03	24S	29E	596799	3567778	3774	135		
C 04481 POD3		CUB	ED	2	4	3	03	24S	29E	596799	3567778	3774	120		
C 04481 POD5		CUB	ED	2	4	3	03	24S	29E	596747	3567747	3781	120		
C 02108		CUB	ED		1	3	08	24S	30E	602702	3566487*	4025	200	186	14
C 04526 POD1		CUB	ED	4	1	4	06	24S	30E	601899	3568060	4349			
C 00863		CUB	ED	3	3	1	16	24S	29E	594524	3565091*	4553	220		
C 00863 CLW199506	O	CUB	ED	3	3	1	16	24S	29E	594524	3565091*	4553	220		
C 00463		C	ED	4	4	4	17	24S	29E	594332	3564282*	4757	260	4	256

Average Depth to Water: **113 feet**

Minimum Depth: **4 feet**

Maximum Depth: **186 feet**

Record Count: 16

UTM NAD83 Radius Search (in meters):

Easting (X): 599065.38

Northing (Y): 3564759.9

Radius: 5000

*UTM location was derived from PLSS - see Help

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

2/12/23 7:11 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER



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

National Water Information System: Web Interface

USGS Water Resources

Data Category:

Groundwater



Geographic Area:

United States



GO

Click to hide News Bulletins

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

Groundwater levels for the Nation



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

Search Results -- 1 sites found

site_no list =

- 321321103544101

Minimum number of levels = 1

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

USGS 321321103544101 24S.30E.18.22144

Available data for this site

Groundwater: Field measurements



GO

Eddy County, New Mexico

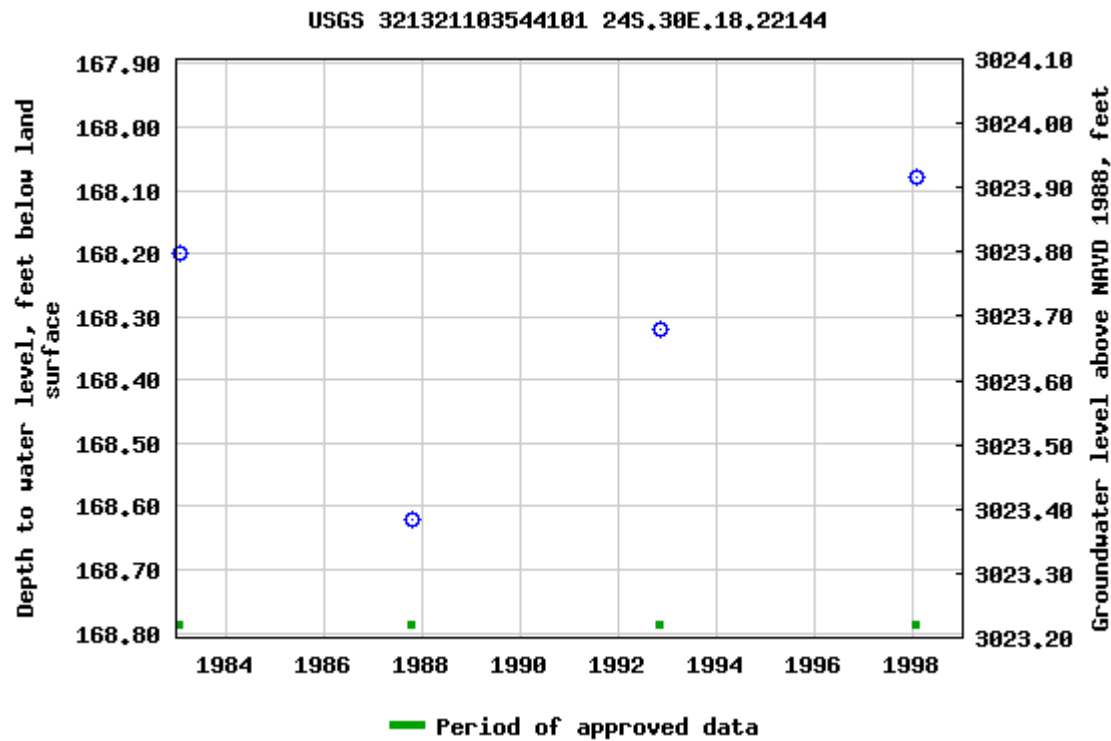
Hydrologic Unit Code 13060011

Latitude 32°13'21", Longitude 103°54'41" NAD27

Land-surface elevation 3,192 feet above NAVD88

This well is completed in the Pecos River Basin alluvial aquifer (N100PCSRVR) national 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 about sites/data?](#)

[Feedback on this web site](#)

[Automated retrievals](#)

[Help](#)

[Data Tips](#)

[Explanation of terms](#)

[Subscribe for system changes](#)

[News](#)

[Accessibility](#) [FOIA](#) [Privacy](#) [Policies and Notices](#)

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

Title: Groundwater for USA: Water Levels

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



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

Page Last Modified: 2023-02-12 09:08:57 EST

0.58 0.45 nadww01



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

National Water Information System: Web Interface

USGS Water Resources

Data Category:


Groundwater

Geographic Area:

United States

GO

Click to hide News Bulletins

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

Groundwater levels for the Nation

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

Search Results -- 1 sites found

site_no list =

- 321339103541801

Minimum number of levels = 1

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

USGS 321339103541801 24S.30E.08.33222

Available data for this site

Groundwater: Field measurements

GO

Eddy County, New Mexico

Hydrologic Unit Code 13060011

Latitude 32°13'39", Longitude 103°54'18" NAD27

Land-surface elevation 3,207 feet above NAVD88

The depth of the well is 192 feet below land surface.

This well is completed in the Pecos River Basin alluvial aquifer (N100PCSRVR) national aquifer.

This well is completed in the Rustler Formation (312RSLR) local aquifer.

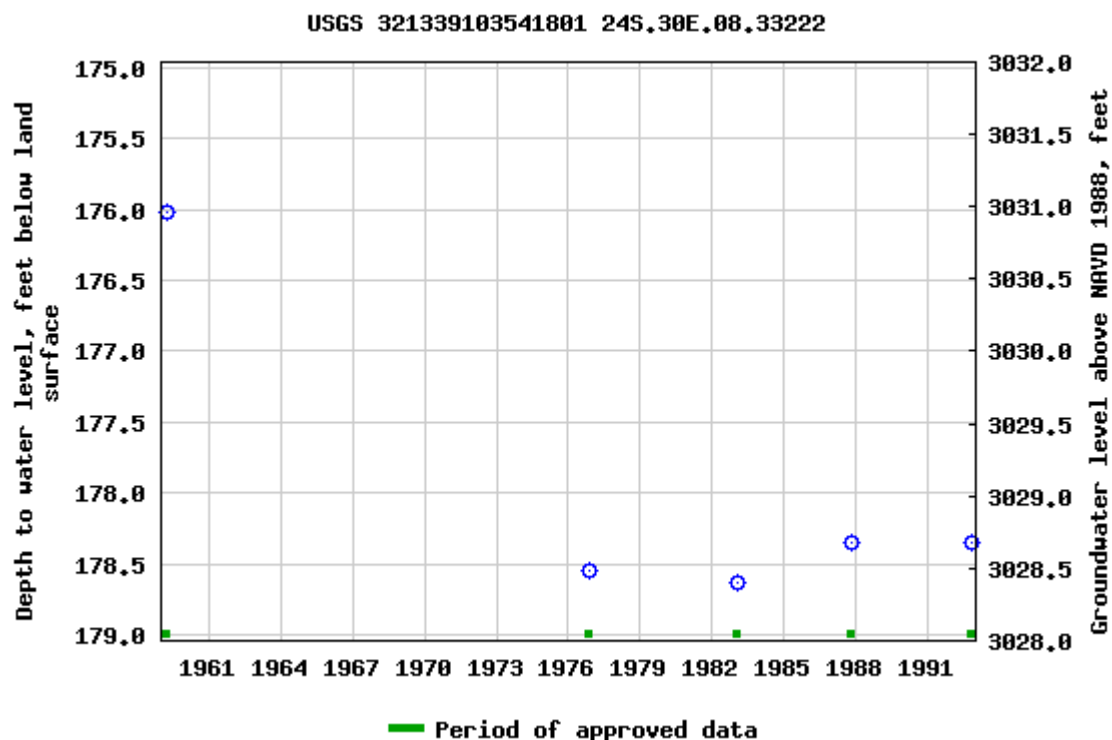
Output formats

[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 about sites/data?](#)

[Feedback on this web site](#)

[Automated retrievals](#)

[Help](#)

[Data Tips](#)

[Explanation of terms](#)

[Subscribe for system changes](#)

[News](#)

[Accessibility](#)

[FOIA](#)

[Privacy](#)

[Policies and Notices](#)

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

Title: Groundwater for USA: Water Levels

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

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

Page Last Modified: 2023-02-12 09:09:39 EST

0.53 0.45 nadww01

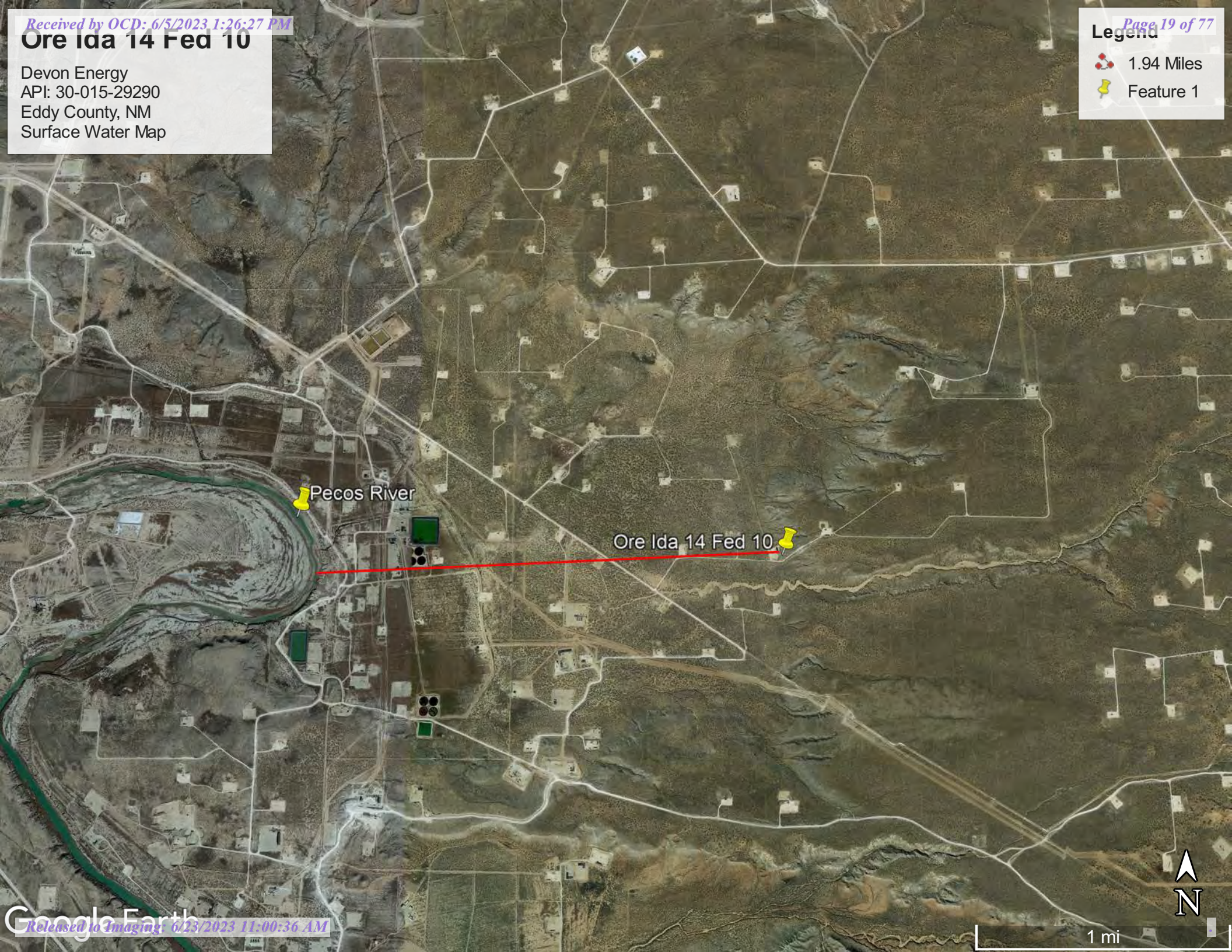


Ore Ida 14 Fed 10

Devon Energy
API: 30-015-29290
Eddy County, NM
Surface Water Map

Legend

- 1.94 Miles
- Feature 1



Pecos River

Ore Ida 14 Fed 10



1 mi



Pima Environmental Services

Appendix B

Soil Survey & Geological Data

FEMA Flood Map

Wetlands 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 18, Sep 8, 2022

National Flood Hazard Layer FIRMette



103°57'14"W 32°13'10"N



Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		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.

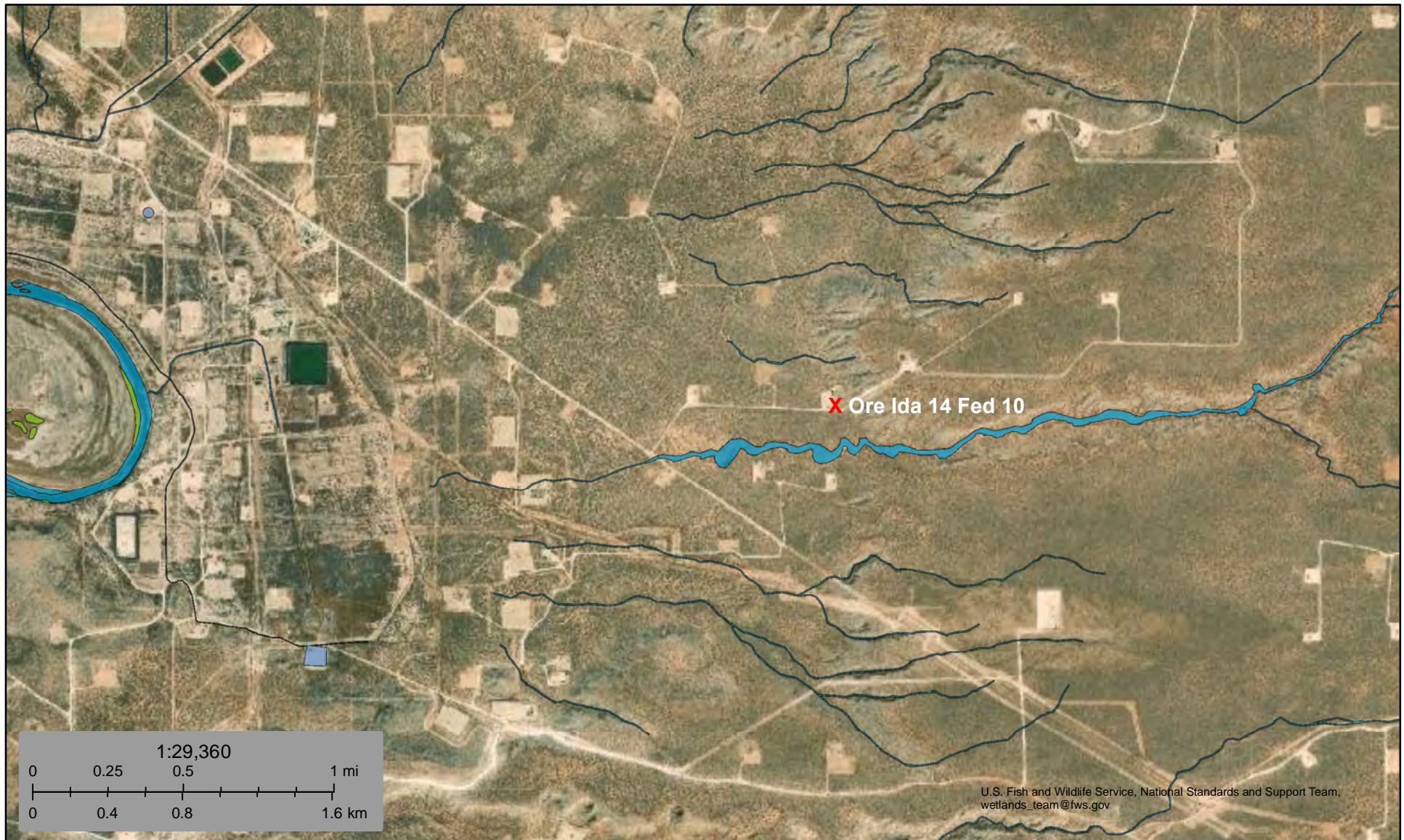
This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 2/12/2023 at 9:12 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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



Wetlands Map



February 12, 2023

Wetlands

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

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



Pima Environmental Services

Appendix C

C-141 Form

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

State of New Mexico
Energy Minerals and Natural Resources

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

Form C-141
Revised August 8, 2011

Submit 1 Copy to appropriate District Office in
accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR ☒ Initial Report ☐ Final Report

Name of Company Devon Energy Production **Contact** Dan Suniga Production Foreman

Address 6488 Seven Rivers Hwy Artesia, NM 88220 **Telephone No.** 575.513.1930

Facility Name Ore Ida 14 Fed 10 **Facility Type** SWD

Surface Owner Federal **Mineral Owner** Federal **API No.** 30-015-29290

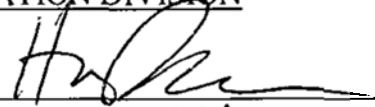
LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
I	14	24S	29E	1780	FSL	860	FEL	EDDY

Latitude: 32.215079

Longitude: -103.948767

NATURE OF RELEASE

Type of Release Spill Produced water	Volume of Release 25 BBL	Volume Recovered 0 BBL
Source of Release Hole in 3 inch poly pipe	Date and Hour of Occurrence 10/27/15 at 1:30 PM	Date and Hour of Discovery 10/27/15 at 1:30 PM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Jim Amos -BLM Mike Bratcher -OCD	
By Whom? Leonard Aguilar	Date and Hour 10/28/15 at 12:30	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse N/A	
If a Watercourse was Impacted, Describe Fully.* N/A		
Describe Cause of Problem and Remedial Action Taken.* 3 inch poly pipe ran over creating a hole which resulted in release. Transfer pumps shut off to prevent further release. The poly pipe is scheduled for repair.		
Describe Area Affected and Cleanup Action Taken.* 25 BBL spill of produced water was released on a 12 x 50 area on the lease road leading to the Ore Ida 14 Fed 10 SWD 0 BBL recovered. An environmental group will be contacted for remediation.		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.		
Signature: Jeanette Barron	OIL CONSERVATION DIVISION	
Printed Name: Jeanette Barron	Approved by Environmental Specialist: 	
Title: Field Admin Support	Approval Date: 11/4/15	Expiration Date: N/A
E-mail Address: Jeanette.barron@dmn.com	Conditions of Approval: Remediation per O.C.D. Rules & Guidelines <input type="checkbox"/> SUBMIT REMEDIATION PROPOSAL NO	
Date: 11/3/15 Phone: 575.748.1813	LATER THAN: 12/4/15	

* Attach Additional Sheets If Necessary

2RP.3374

Patterson, Heather, EMNRD


From: Barron, Jeanette <Jeanette.Barron@dvn.com>
Sent: Tuesday, November 03, 2015 3:58 PM
To: jamos@blm.gov; Shelly Tucker (stucker@blm.gov); Patterson, Heather, EMNRD; Bratcher, Mike, EMNRD
Cc: Fulks, Brett; Aguilar, Leonard; Carter, Ray
Subject: C-141 Ore Ida 14 Fed 10 SWD
Attachments: C-141 Ore Ida 14 Fed 10 SWD 10.27.15.doc; Ore Ida 14 Fed 10 SWD spill.pdf; Ore Ida 14 Fed 10 SWD.jpg

Categories: printed

Please see attached

Thanks,

Jeanette Barron
Field Admin Support-Production

Devon Energy Corporation
P.O. Box 250
Artesia, NM 88211
575 748 1813 Direct
jeanette.barron@dvn.com

devon

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.

Incident ID	NAB1530829829
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	<u><50'</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

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

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

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	NAB1530829829
District RP	
Facility ID	
Application ID	

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

Printed Name: Dale Woodall Title: Environmental ProfessionalSignature: *Dale Woodall* Date: 6/5/2023email: dale.woodall@dvn.com Telephone: 575-748-1839**OCD Only**

Received by: _____ Date: _____

Incident ID	NAB1530829829
District RP	
Facility ID	
Application ID	

Closure

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

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

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

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

Printed Name: Dale Woodall Title: Environmental Professional

Signature: Dale Woodall Date: 6/5/2023

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

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____



Pima Environmental Services

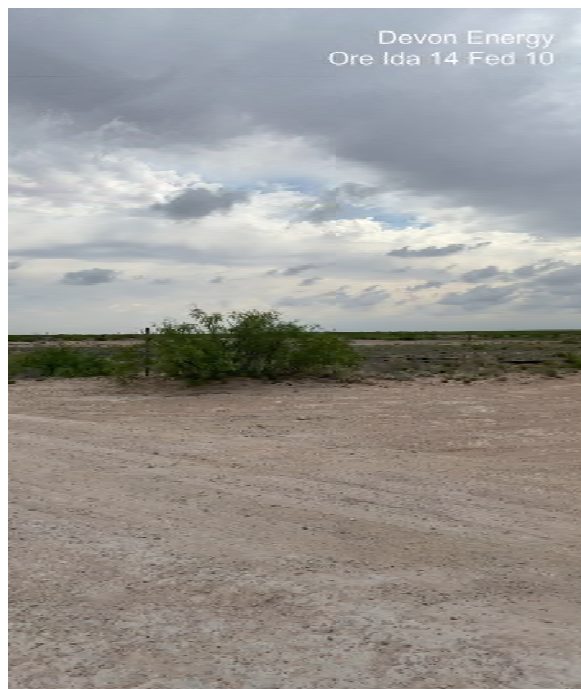
Appendix D

Photographic Documentation



**SITE PHOTOGRAPHS
DEVON ENERGY
ORE IDA 14 FED 10**

Site Assessment





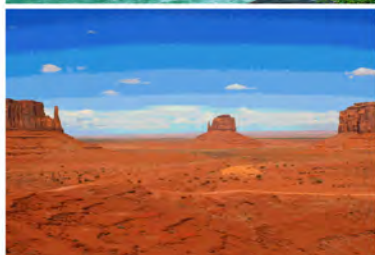


Pima Environmental Services

Appendix E

Laboratory Reports

Report to:
Tom Bynum



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Ore Ida 14 Fed 10

Work Order: E305112

Job Number: 01058-0007

Received: 5/18/2023

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/24/23

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 5/24/23



Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Ore Ida 14 Fed 10
Workorder: E305112
Date Received: 5/18/2023 8:20:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/18/2023 8:20:00AM, under the Project Name: Ore Ida 14 Fed 10.

The analytical test results summarized in this report with the Project Name: Ore Ida 14 Fed 10 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

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

Field Offices:

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

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

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
S1 - 1'	6
S1 - 4'	7
S2 - 1'	8
S2 - 4'	9
S3 - 1'	10
S3 - 4'	11
S4 - 1'	12
S4 - 4'	13
S5 - 1'	14
S5 - 4'	15
S6 - 1'	16
S6 - 4'	17
S7 - 1'	18
S7 - 4'	19
S8 - 1'	20
S8 - 4'	21
SW1	22
SW2	23
SW3	24
SW4	25

Table of Contents (continued)

SW5	26
SW6	27
SW7	28
SW8	29
QC Summary Data	30
QC - Volatile Organic Compounds by EPA 8260B	30
QC - Volatile Organics by EPA 8021B	31
QC - Nonhalogenated Organics by EPA 8015D - GRO	32
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	34
QC - Anions by EPA 300.0/9056A	36
Definitions and Notes	38
Chain of Custody etc.	39

Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Ore Ida 14 Fed 10	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	05/24/23 16:43

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1 - 1'	E305112-01A	Soil	05/16/23	05/18/23	Glass Jar, 2 oz.
S1 - 4'	E305112-02A	Soil	05/16/23	05/18/23	Glass Jar, 2 oz.
S2 - 1'	E305112-03A	Soil	05/16/23	05/18/23	Glass Jar, 2 oz.
S2 - 4'	E305112-04A	Soil	05/16/23	05/18/23	Glass Jar, 2 oz.
S3 - 1'	E305112-05A	Soil	05/16/23	05/18/23	Glass Jar, 2 oz.
S3 - 4'	E305112-06A	Soil	05/16/23	05/18/23	Glass Jar, 2 oz.
S4 - 1'	E305112-07A	Soil	05/16/23	05/18/23	Glass Jar, 2 oz.
S4 - 4'	E305112-08A	Soil	05/16/23	05/18/23	Glass Jar, 2 oz.
S5 - 1'	E305112-09A	Soil	05/16/23	05/18/23	Glass Jar, 2 oz.
S5 - 4'	E305112-10A	Soil	05/16/23	05/18/23	Glass Jar, 2 oz.
S6 - 1'	E305112-11A	Soil	05/16/23	05/18/23	Glass Jar, 2 oz.
S6 - 4'	E305112-12A	Soil	05/16/23	05/18/23	Glass Jar, 2 oz.
S7 - 1'	E305112-13A	Soil	05/16/23	05/18/23	Glass Jar, 2 oz.
S7 - 4'	E305112-14A	Soil	05/16/23	05/18/23	Glass Jar, 2 oz.
S8 - 1'	E305112-15A	Soil	05/16/23	05/18/23	Glass Jar, 2 oz.
S8 - 4'	E305112-16A	Soil	05/16/23	05/18/23	Glass Jar, 2 oz.
SW1	E305112-17A	Soil	05/16/23	05/18/23	Glass Jar, 2 oz.
SW2	E305112-18A	Soil	05/16/23	05/18/23	Glass Jar, 2 oz.
SW3	E305112-19A	Soil	05/16/23	05/18/23	Glass Jar, 2 oz.
SW4	E305112-20A	Soil	05/16/23	05/18/23	Glass Jar, 2 oz.
SW5	E305112-21A	Soil	05/16/23	05/18/23	Glass Jar, 2 oz.
SW6	E305112-22A	Soil	05/16/23	05/18/23	Glass Jar, 2 oz.
SW7	E305112-23A	Soil	05/16/23	05/18/23	Glass Jar, 2 oz.
SW8	E305112-24A	Soil	05/16/23	05/18/23	Glass Jar, 2 oz.



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Ore Ida 14 Fed 10	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/24/2023 4:43:56PM

S1 - 1'

E305112-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320073
Benzene	ND	0.0250	1	05/18/23	05/19/23	
Ethylbenzene	ND	0.0250	1	05/18/23	05/19/23	
Toluene	ND	0.0250	1	05/18/23	05/19/23	
o-Xylene	ND	0.0250	1	05/18/23	05/19/23	
p,m-Xylene	ND	0.0500	1	05/18/23	05/19/23	
Total Xylenes	ND	0.0250	1	05/18/23	05/19/23	
Surrogate: Bromofluorobenzene		107 %	70-130	05/18/23	05/19/23	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130	05/18/23	05/19/23	
Surrogate: Toluene-d8		106 %	70-130	05/18/23	05/19/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320073
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/18/23	05/19/23	
Surrogate: Bromofluorobenzene		107 %	70-130	05/18/23	05/19/23	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130	05/18/23	05/19/23	
Surrogate: Toluene-d8		106 %	70-130	05/18/23	05/19/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2320082
Diesel Range Organics (C10-C28)	ND	25.0	1	05/19/23	05/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/19/23	05/19/23	
Surrogate: n-Nonane		110 %	50-200	05/19/23	05/19/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2320080
Chloride	ND	20.0	1	05/18/23	05/22/23	



Sample Data

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

Project Name: Ore Ida 14 Fed 10
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
5/24/2023 4:43:56PM

S1 - 4'

E305112-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320073
Benzene	ND	0.0250	1	05/18/23	05/19/23	
Ethylbenzene	ND	0.0250	1	05/18/23	05/19/23	
Toluene	ND	0.0250	1	05/18/23	05/19/23	
o-Xylene	ND	0.0250	1	05/18/23	05/19/23	
p,m-Xylene	ND	0.0500	1	05/18/23	05/19/23	
Total Xylenes	ND	0.0250	1	05/18/23	05/19/23	
Surrogate: Bromofluorobenzene		109 %	70-130	05/18/23	05/19/23	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	05/18/23	05/19/23	
Surrogate: Toluene-d8		105 %	70-130	05/18/23	05/19/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320073
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/18/23	05/19/23	
Surrogate: Bromofluorobenzene		109 %	70-130	05/18/23	05/19/23	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	05/18/23	05/19/23	
Surrogate: Toluene-d8		105 %	70-130	05/18/23	05/19/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2320082
Diesel Range Organics (C10-C28)	ND	25.0	1	05/19/23	05/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/19/23	05/19/23	
Surrogate: n-Nonane		106 %	50-200	05/19/23	05/19/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2320080
Chloride	ND	20.0	1	05/18/23	05/22/23	



Sample Data

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

Project Name: Ore Ida 14 Fed 10
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
5/24/2023 4:43:56PM

S2 - 1'

E305112-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320073
Benzene	ND	0.0250	1	05/18/23	05/19/23	
Ethylbenzene	ND	0.0250	1	05/18/23	05/19/23	
Toluene	ND	0.0250	1	05/18/23	05/19/23	
o-Xylene	ND	0.0250	1	05/18/23	05/19/23	
p,m-Xylene	ND	0.0500	1	05/18/23	05/19/23	
Total Xylenes	ND	0.0250	1	05/18/23	05/19/23	
Surrogate: Bromofluorobenzene		107 %	70-130	05/18/23	05/19/23	
Surrogate: 1,2-Dichloroethane-d4		108 %	70-130	05/18/23	05/19/23	
Surrogate: Toluene-d8		105 %	70-130	05/18/23	05/19/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320073
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/18/23	05/19/23	
Surrogate: Bromofluorobenzene		107 %	70-130	05/18/23	05/19/23	
Surrogate: 1,2-Dichloroethane-d4		108 %	70-130	05/18/23	05/19/23	
Surrogate: Toluene-d8		105 %	70-130	05/18/23	05/19/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2320082
Diesel Range Organics (C10-C28)	ND	25.0	1	05/19/23	05/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/19/23	05/19/23	
Surrogate: n-Nonane		103 %	50-200	05/19/23	05/19/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2320080
Chloride	ND	20.0	1	05/18/23	05/22/23	



Sample Data

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

Project Name: Ore Ida 14 Fed 10
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
5/24/2023 4:43:56PM

S2 - 4'

E305112-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320073
Benzene	ND	0.0250	1	05/18/23	05/19/23	
Ethylbenzene	ND	0.0250	1	05/18/23	05/19/23	
Toluene	ND	0.0250	1	05/18/23	05/19/23	
o-Xylene	ND	0.0250	1	05/18/23	05/19/23	
p,m-Xylene	ND	0.0500	1	05/18/23	05/19/23	
Total Xylenes	ND	0.0250	1	05/18/23	05/19/23	
Surrogate: Bromofluorobenzene		106 %	70-130	05/18/23	05/19/23	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	05/18/23	05/19/23	
Surrogate: Toluene-d8		105 %	70-130	05/18/23	05/19/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320073
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/18/23	05/19/23	
Surrogate: Bromofluorobenzene		106 %	70-130	05/18/23	05/19/23	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	05/18/23	05/19/23	
Surrogate: Toluene-d8		105 %	70-130	05/18/23	05/19/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2320082
Diesel Range Organics (C10-C28)	ND	25.0	1	05/19/23	05/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/19/23	05/19/23	
Surrogate: n-Nonane		106 %	50-200	05/19/23	05/19/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2320080
Chloride	ND	20.0	1	05/18/23	05/22/23	



Sample Data

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

Project Name: Ore Ida 14 Fed 10
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
5/24/2023 4:43:56PM

S3 - 1'

E305112-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320073
Benzene	ND	0.0250	1	05/18/23	05/19/23	
Ethylbenzene	ND	0.0250	1	05/18/23	05/19/23	
Toluene	ND	0.0250	1	05/18/23	05/19/23	
o-Xylene	ND	0.0250	1	05/18/23	05/19/23	
p,m-Xylene	ND	0.0500	1	05/18/23	05/19/23	
Total Xylenes	ND	0.0250	1	05/18/23	05/19/23	
Surrogate: Bromofluorobenzene		106 %	70-130	05/18/23	05/19/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	05/18/23	05/19/23	
Surrogate: Toluene-d8		105 %	70-130	05/18/23	05/19/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320073
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/18/23	05/19/23	
Surrogate: Bromofluorobenzene		106 %	70-130	05/18/23	05/19/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	05/18/23	05/19/23	
Surrogate: Toluene-d8		105 %	70-130	05/18/23	05/19/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2320082
Diesel Range Organics (C10-C28)	ND	25.0	1	05/19/23	05/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/19/23	05/19/23	
Surrogate: n-Nonane		109 %	50-200	05/19/23	05/19/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2320080
Chloride	ND	20.0	1	05/18/23	05/22/23	



Sample Data

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

Project Name: Ore Ida 14 Fed 10
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
5/24/2023 4:43:56PM

S3 - 4'

E305112-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320073
Benzene	ND	0.0250	1	05/18/23	05/19/23	
Ethylbenzene	ND	0.0250	1	05/18/23	05/19/23	
Toluene	ND	0.0250	1	05/18/23	05/19/23	
o-Xylene	ND	0.0250	1	05/18/23	05/19/23	
p,m-Xylene	ND	0.0500	1	05/18/23	05/19/23	
Total Xylenes	ND	0.0250	1	05/18/23	05/19/23	
Surrogate: Bromofluorobenzene		107 %	70-130	05/18/23	05/19/23	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	05/18/23	05/19/23	
Surrogate: Toluene-d8		107 %	70-130	05/18/23	05/19/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320073
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/18/23	05/19/23	
Surrogate: Bromofluorobenzene		107 %	70-130	05/18/23	05/19/23	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	05/18/23	05/19/23	
Surrogate: Toluene-d8		107 %	70-130	05/18/23	05/19/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2320082
Diesel Range Organics (C10-C28)	ND	25.0	1	05/19/23	05/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/19/23	05/19/23	
Surrogate: n-Nonane		107 %	50-200	05/19/23	05/19/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2320080
Chloride	ND	20.0	1	05/18/23	05/22/23	



Sample Data

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

Project Name: Ore Ida 14 Fed 10
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
5/24/2023 4:43:56PM

S4 - 1'

E305112-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320073
Benzene	ND	0.0250	1	05/18/23	05/19/23	
Ethylbenzene	ND	0.0250	1	05/18/23	05/19/23	
Toluene	ND	0.0250	1	05/18/23	05/19/23	
o-Xylene	ND	0.0250	1	05/18/23	05/19/23	
p,m-Xylene	ND	0.0500	1	05/18/23	05/19/23	
Total Xylenes	ND	0.0250	1	05/18/23	05/19/23	
Surrogate: Bromofluorobenzene		105 %	70-130	05/18/23	05/19/23	
Surrogate: 1,2-Dichloroethane-d4		108 %	70-130	05/18/23	05/19/23	
Surrogate: Toluene-d8		104 %	70-130	05/18/23	05/19/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320073
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/18/23	05/19/23	
Surrogate: Bromofluorobenzene		105 %	70-130	05/18/23	05/19/23	
Surrogate: 1,2-Dichloroethane-d4		108 %	70-130	05/18/23	05/19/23	
Surrogate: Toluene-d8		104 %	70-130	05/18/23	05/19/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2320082
Diesel Range Organics (C10-C28)	ND	25.0	1	05/19/23	05/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/19/23	05/19/23	
Surrogate: n-Nonane		112 %	50-200	05/19/23	05/19/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2320080
Chloride	ND	20.0	1	05/18/23	05/22/23	



Sample Data

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

Project Name: Ore Ida 14 Fed 10
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
5/24/2023 4:43:56PM

S4 - 4'

E305112-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320073
Benzene	ND	0.0250	1	05/18/23	05/19/23	
Ethylbenzene	ND	0.0250	1	05/18/23	05/19/23	
Toluene	ND	0.0250	1	05/18/23	05/19/23	
o-Xylene	ND	0.0250	1	05/18/23	05/19/23	
p,m-Xylene	ND	0.0500	1	05/18/23	05/19/23	
Total Xylenes	ND	0.0250	1	05/18/23	05/19/23	
Surrogate: Bromofluorobenzene		105 %	70-130	05/18/23	05/19/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	05/18/23	05/19/23	
Surrogate: Toluene-d8		106 %	70-130	05/18/23	05/19/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320073
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/18/23	05/19/23	
Surrogate: Bromofluorobenzene		105 %	70-130	05/18/23	05/19/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	05/18/23	05/19/23	
Surrogate: Toluene-d8		106 %	70-130	05/18/23	05/19/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2320082
Diesel Range Organics (C10-C28)	ND	25.0	1	05/19/23	05/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/19/23	05/19/23	
Surrogate: n-Nonane		110 %	50-200	05/19/23	05/19/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2320080
Chloride	ND	20.0	1	05/18/23	05/22/23	



Sample Data

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

Project Name: Ore Ida 14 Fed 10
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
5/24/2023 4:43:56PM

S5 - 1'

E305112-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320073
Benzene	ND	0.0250	1	05/18/23	05/19/23	
Ethylbenzene	ND	0.0250	1	05/18/23	05/19/23	
Toluene	ND	0.0250	1	05/18/23	05/19/23	
o-Xylene	ND	0.0250	1	05/18/23	05/19/23	
p,m-Xylene	ND	0.0500	1	05/18/23	05/19/23	
Total Xylenes	ND	0.0250	1	05/18/23	05/19/23	
Surrogate: Bromofluorobenzene		106 %	70-130	05/18/23	05/19/23	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130	05/18/23	05/19/23	
Surrogate: Toluene-d8		107 %	70-130	05/18/23	05/19/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320073
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/18/23	05/19/23	
Surrogate: Bromofluorobenzene		106 %	70-130	05/18/23	05/19/23	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130	05/18/23	05/19/23	
Surrogate: Toluene-d8		107 %	70-130	05/18/23	05/19/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2320082
Diesel Range Organics (C10-C28)	ND	25.0	1	05/19/23	05/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/19/23	05/19/23	
Surrogate: n-Nonane		106 %	50-200	05/19/23	05/19/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2320080
Chloride	ND	20.0	1	05/18/23	05/22/23	



Sample Data

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

Project Name: Ore Ida 14 Fed 10
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
5/24/2023 4:43:56PM

S5 - 4'

E305112-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320073
Benzene	ND	0.0250	1	05/18/23	05/19/23	
Ethylbenzene	ND	0.0250	1	05/18/23	05/19/23	
Toluene	ND	0.0250	1	05/18/23	05/19/23	
o-Xylene	ND	0.0250	1	05/18/23	05/19/23	
p,m-Xylene	ND	0.0500	1	05/18/23	05/19/23	
Total Xylenes	ND	0.0250	1	05/18/23	05/19/23	
Surrogate: Bromofluorobenzene		106 %	70-130	05/18/23	05/19/23	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130	05/18/23	05/19/23	
Surrogate: Toluene-d8		105 %	70-130	05/18/23	05/19/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320073
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/18/23	05/19/23	
Surrogate: Bromofluorobenzene		106 %	70-130	05/18/23	05/19/23	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130	05/18/23	05/19/23	
Surrogate: Toluene-d8		105 %	70-130	05/18/23	05/19/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2320082
Diesel Range Organics (C10-C28)	ND	25.0	1	05/19/23	05/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/19/23	05/19/23	
Surrogate: n-Nonane		107 %	50-200	05/19/23	05/19/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2320080
Chloride	ND	20.0	1	05/18/23	05/22/23	



Sample Data

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

Project Name: Ore Ida 14 Fed 10
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
5/24/2023 4:43:56PM

S6 - 1'

E305112-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320073
Benzene	ND	0.0250	1	05/18/23	05/19/23	
Ethylbenzene	ND	0.0250	1	05/18/23	05/19/23	
Toluene	ND	0.0250	1	05/18/23	05/19/23	
o-Xylene	ND	0.0250	1	05/18/23	05/19/23	
p,m-Xylene	ND	0.0500	1	05/18/23	05/19/23	
Total Xylenes	ND	0.0250	1	05/18/23	05/19/23	
Surrogate: Bromofluorobenzene		104 %	70-130	05/18/23	05/19/23	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	05/18/23	05/19/23	
Surrogate: Toluene-d8		105 %	70-130	05/18/23	05/19/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320073
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/18/23	05/19/23	
Surrogate: Bromofluorobenzene		104 %	70-130	05/18/23	05/19/23	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	05/18/23	05/19/23	
Surrogate: Toluene-d8		105 %	70-130	05/18/23	05/19/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2320082
Diesel Range Organics (C10-C28)	ND	25.0	1	05/19/23	05/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/19/23	05/19/23	
Surrogate: n-Nonane		111 %	50-200	05/19/23	05/19/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2320080
Chloride	ND	20.0	1	05/18/23	05/22/23	



Sample Data

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

Project Name: Ore Ida 14 Fed 10
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
5/24/2023 4:43:56PM

S6 - 4'

E305112-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320073
Benzene	ND	0.0250	1	05/18/23	05/19/23	
Ethylbenzene	ND	0.0250	1	05/18/23	05/19/23	
Toluene	ND	0.0250	1	05/18/23	05/19/23	
o-Xylene	ND	0.0250	1	05/18/23	05/19/23	
p,m-Xylene	ND	0.0500	1	05/18/23	05/19/23	
Total Xylenes	ND	0.0250	1	05/18/23	05/19/23	
Surrogate: Bromofluorobenzene		105 %	70-130	05/18/23	05/19/23	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	05/18/23	05/19/23	
Surrogate: Toluene-d8		106 %	70-130	05/18/23	05/19/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320073
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/18/23	05/19/23	
Surrogate: Bromofluorobenzene		105 %	70-130	05/18/23	05/19/23	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	05/18/23	05/19/23	
Surrogate: Toluene-d8		106 %	70-130	05/18/23	05/19/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2320082
Diesel Range Organics (C10-C28)	ND	25.0	1	05/19/23	05/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/19/23	05/19/23	
Surrogate: n-Nonane		109 %	50-200	05/19/23	05/19/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2320080
Chloride	ND	20.0	1	05/18/23	05/22/23	



Sample Data

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

Project Name: Ore Ida 14 Fed 10
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
5/24/2023 4:43:56PM

S7 - 1'

E305112-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320073
Benzene	ND	0.0250	1	05/18/23	05/19/23	
Ethylbenzene	ND	0.0250	1	05/18/23	05/19/23	
Toluene	ND	0.0250	1	05/18/23	05/19/23	
o-Xylene	ND	0.0250	1	05/18/23	05/19/23	
p,m-Xylene	ND	0.0500	1	05/18/23	05/19/23	
Total Xylenes	ND	0.0250	1	05/18/23	05/19/23	
Surrogate: Bromofluorobenzene		104 %	70-130	05/18/23	05/19/23	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130	05/18/23	05/19/23	
Surrogate: Toluene-d8		106 %	70-130	05/18/23	05/19/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320073
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/18/23	05/19/23	
Surrogate: Bromofluorobenzene		104 %	70-130	05/18/23	05/19/23	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130	05/18/23	05/19/23	
Surrogate: Toluene-d8		106 %	70-130	05/18/23	05/19/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2320082
Diesel Range Organics (C10-C28)	ND	25.0	1	05/19/23	05/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/19/23	05/19/23	
Surrogate: n-Nonane		110 %	50-200	05/19/23	05/19/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2320080
Chloride	ND	20.0	1	05/18/23	05/22/23	



Sample Data

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

Project Name: Ore Ida 14 Fed 10
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
5/24/2023 4:43:56PM

S7 - 4'

E305112-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320073
Benzene	ND	0.0250	1	05/18/23	05/19/23	
Ethylbenzene	ND	0.0250	1	05/18/23	05/19/23	
Toluene	ND	0.0250	1	05/18/23	05/19/23	
o-Xylene	ND	0.0250	1	05/18/23	05/19/23	
p,m-Xylene	ND	0.0500	1	05/18/23	05/19/23	
Total Xylenes	ND	0.0250	1	05/18/23	05/19/23	
Surrogate: Bromofluorobenzene		107 %	70-130	05/18/23	05/19/23	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	05/18/23	05/19/23	
Surrogate: Toluene-d8		105 %	70-130	05/18/23	05/19/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320073
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/18/23	05/19/23	
Surrogate: Bromofluorobenzene		107 %	70-130	05/18/23	05/19/23	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	05/18/23	05/19/23	
Surrogate: Toluene-d8		105 %	70-130	05/18/23	05/19/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2320082
Diesel Range Organics (C10-C28)	ND	25.0	1	05/19/23	05/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/19/23	05/20/23	
Surrogate: n-Nonane		106 %	50-200	05/19/23	05/20/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2320080
Chloride	ND	20.0	1	05/18/23	05/22/23	



Sample Data

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

Project Name: Ore Ida 14 Fed 10
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
5/24/2023 4:43:56PM

S8 - 1'

E305112-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320073
Benzene	ND	0.0250	1	05/18/23	05/24/23	
Ethylbenzene	ND	0.0250	1	05/18/23	05/24/23	
Toluene	ND	0.0250	1	05/18/23	05/24/23	
o-Xylene	ND	0.0250	1	05/18/23	05/24/23	
p,m-Xylene	ND	0.0500	1	05/18/23	05/24/23	
Total Xylenes	ND	0.0250	1	05/18/23	05/24/23	
Surrogate: Bromofluorobenzene		106 %	70-130	05/18/23	05/24/23	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	05/18/23	05/24/23	
Surrogate: Toluene-d8		108 %	70-130	05/18/23	05/24/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320073
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/18/23	05/24/23	
Surrogate: Bromofluorobenzene		106 %	70-130	05/18/23	05/24/23	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	05/18/23	05/24/23	
Surrogate: Toluene-d8		108 %	70-130	05/18/23	05/24/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2320082
Diesel Range Organics (C10-C28)	ND	25.0	1	05/19/23	05/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/19/23	05/20/23	
Surrogate: n-Nonane		105 %	50-200	05/19/23	05/20/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2320080
Chloride	ND	20.0	1	05/18/23	05/22/23	



Sample Data

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

Project Name: Ore Ida 14 Fed 10
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
5/24/2023 4:43:56PM

S8 - 4'

E305112-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320073
Benzene	ND	0.0250	1	05/18/23	05/24/23	
Ethylbenzene	ND	0.0250	1	05/18/23	05/24/23	
Toluene	ND	0.0250	1	05/18/23	05/24/23	
o-Xylene	ND	0.0250	1	05/18/23	05/24/23	
p,m-Xylene	ND	0.0500	1	05/18/23	05/24/23	
Total Xylenes	ND	0.0250	1	05/18/23	05/24/23	
Surrogate: Bromofluorobenzene		105 %	70-130	05/18/23	05/24/23	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130	05/18/23	05/24/23	
Surrogate: Toluene-d8		105 %	70-130	05/18/23	05/24/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320073
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/18/23	05/24/23	
Surrogate: Bromofluorobenzene		105 %	70-130	05/18/23	05/24/23	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130	05/18/23	05/24/23	
Surrogate: Toluene-d8		105 %	70-130	05/18/23	05/24/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2320082
Diesel Range Organics (C10-C28)	ND	25.0	1	05/19/23	05/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/19/23	05/20/23	
Surrogate: n-Nonane		106 %	50-200	05/19/23	05/20/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2320080
Chloride	ND	20.0	1	05/18/23	05/22/23	



Sample Data

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

Project Name: Ore Ida 14 Fed 10
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
5/24/2023 4:43:56PM

SW1

E305112-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320073
Benzene	ND	0.0250	1	05/18/23	05/24/23	
Ethylbenzene	ND	0.0250	1	05/18/23	05/24/23	
Toluene	ND	0.0250	1	05/18/23	05/24/23	
o-Xylene	ND	0.0250	1	05/18/23	05/24/23	
p,m-Xylene	ND	0.0500	1	05/18/23	05/24/23	
Total Xylenes	ND	0.0250	1	05/18/23	05/24/23	
Surrogate: Bromofluorobenzene		104 %	70-130	05/18/23	05/24/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	05/18/23	05/24/23	
Surrogate: Toluene-d8		106 %	70-130	05/18/23	05/24/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320073
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/18/23	05/24/23	
Surrogate: Bromofluorobenzene		104 %	70-130	05/18/23	05/24/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	05/18/23	05/24/23	
Surrogate: Toluene-d8		106 %	70-130	05/18/23	05/24/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2320082
Diesel Range Organics (C10-C28)	ND	25.0	1	05/19/23	05/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/19/23	05/20/23	
Surrogate: n-Nonane		102 %	50-200	05/19/23	05/20/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2320080
Chloride	ND	20.0	1	05/18/23	05/22/23	



Sample Data

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

Project Name: Ore Ida 14 Fed 10
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
5/24/2023 4:43:56PM

SW2

E305112-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320073
Benzene	ND	0.0250	1	05/18/23	05/24/23	
Ethylbenzene	ND	0.0250	1	05/18/23	05/24/23	
Toluene	ND	0.0250	1	05/18/23	05/24/23	
o-Xylene	ND	0.0250	1	05/18/23	05/24/23	
p,m-Xylene	ND	0.0500	1	05/18/23	05/24/23	
Total Xylenes	ND	0.0250	1	05/18/23	05/24/23	
Surrogate: Bromofluorobenzene		105 %	70-130	05/18/23	05/24/23	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	05/18/23	05/24/23	
Surrogate: Toluene-d8		106 %	70-130	05/18/23	05/24/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320073
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/18/23	05/24/23	
Surrogate: Bromofluorobenzene		105 %	70-130	05/18/23	05/24/23	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	05/18/23	05/24/23	
Surrogate: Toluene-d8		106 %	70-130	05/18/23	05/24/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2320082
Diesel Range Organics (C10-C28)	ND	25.0	1	05/19/23	05/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/19/23	05/20/23	
Surrogate: n-Nonane		106 %	50-200	05/19/23	05/20/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2320080
Chloride	ND	20.0	1	05/18/23	05/22/23	



Sample Data

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

Project Name: Ore Ida 14 Fed 10
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
5/24/2023 4:43:56PM

SW3

E305112-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320073
Benzene	ND	0.0250	1	05/18/23	05/24/23	
Ethylbenzene	ND	0.0250	1	05/18/23	05/24/23	
Toluene	ND	0.0250	1	05/18/23	05/24/23	
o-Xylene	ND	0.0250	1	05/18/23	05/24/23	
p,m-Xylene	ND	0.0500	1	05/18/23	05/24/23	
Total Xylenes	ND	0.0250	1	05/18/23	05/24/23	
Surrogate: Bromofluorobenzene		107 %	70-130	05/18/23	05/24/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	05/18/23	05/24/23	
Surrogate: Toluene-d8		105 %	70-130	05/18/23	05/24/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320073
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/18/23	05/24/23	
Surrogate: Bromofluorobenzene		107 %	70-130	05/18/23	05/24/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	05/18/23	05/24/23	
Surrogate: Toluene-d8		105 %	70-130	05/18/23	05/24/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2320082
Diesel Range Organics (C10-C28)	ND	25.0	1	05/19/23	05/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/19/23	05/20/23	
Surrogate: n-Nonane		110 %	50-200	05/19/23	05/20/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2320080
Chloride	ND	20.0	1	05/18/23	05/22/23	



Sample Data

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

Project Name: Ore Ida 14 Fed 10
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
5/24/2023 4:43:56PM

SW4

E305112-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320073
Benzene	ND	0.0250	1	05/18/23	05/24/23	
Ethylbenzene	ND	0.0250	1	05/18/23	05/24/23	
Toluene	ND	0.0250	1	05/18/23	05/24/23	
o-Xylene	ND	0.0250	1	05/18/23	05/24/23	
p,m-Xylene	ND	0.0500	1	05/18/23	05/24/23	
Total Xylenes	ND	0.0250	1	05/18/23	05/24/23	
Surrogate: Bromofluorobenzene		103 %	70-130	05/18/23	05/24/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	05/18/23	05/24/23	
Surrogate: Toluene-d8		105 %	70-130	05/18/23	05/24/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320073
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/18/23	05/24/23	
Surrogate: Bromofluorobenzene		103 %	70-130	05/18/23	05/24/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	05/18/23	05/24/23	
Surrogate: Toluene-d8		105 %	70-130	05/18/23	05/24/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2320082
Diesel Range Organics (C10-C28)	ND	25.0	1	05/19/23	05/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/19/23	05/20/23	
Surrogate: n-Nonane		111 %	50-200	05/19/23	05/20/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2320080
Chloride	ND	20.0	1	05/18/23	05/22/23	



Sample Data

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

Project Name: Ore Ida 14 Fed 10
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
5/24/2023 4:43:56PM

SW5

E305112-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2320072	
Benzene	ND	0.0250	1	05/18/23	05/19/23	
Ethylbenzene	ND	0.0250	1	05/18/23	05/19/23	
Toluene	ND	0.0250	1	05/18/23	05/19/23	
o-Xylene	ND	0.0250	1	05/18/23	05/19/23	
p,m-Xylene	ND	0.0500	1	05/18/23	05/19/23	
Total Xylenes	ND	0.0250	1	05/18/23	05/19/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	05/18/23	05/19/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2320072	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/18/23	05/19/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		84.9 %	70-130	05/18/23	05/19/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2320089	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/19/23	05/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/19/23	05/20/23	
<i>Surrogate: n-Nonane</i>						
		91.7 %	50-200	05/19/23	05/20/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2320079	
Chloride	ND	20.0	1	05/18/23	05/22/23	



Sample Data

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

Project Name: Ore Ida 14 Fed 10
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
5/24/2023 4:43:56PM

SW6

E305112-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2320072	
Benzene	ND	0.0250	1	05/18/23	05/19/23	
Ethylbenzene	ND	0.0250	1	05/18/23	05/19/23	
Toluene	ND	0.0250	1	05/18/23	05/19/23	
o-Xylene	ND	0.0250	1	05/18/23	05/19/23	
p,m-Xylene	ND	0.0500	1	05/18/23	05/19/23	
Total Xylenes	ND	0.0250	1	05/18/23	05/19/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	100 %	70-130		05/18/23	05/19/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2320072	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/18/23	05/19/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	83.9 %	70-130		05/18/23	05/19/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2320089	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/19/23	05/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/19/23	05/20/23	
<i>Surrogate: n-Nonane</i>						
	93.7 %	50-200		05/19/23	05/20/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2320079	
Chloride	ND	20.0	1	05/18/23	05/22/23	



Sample Data

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

Project Name: Ore Ida 14 Fed 10
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
5/24/2023 4:43:56PM

SW7

E305112-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2320072
Benzene	ND	0.0250	1	05/18/23	05/19/23	
Ethylbenzene	ND	0.0250	1	05/18/23	05/19/23	
Toluene	ND	0.0250	1	05/18/23	05/19/23	
o-Xylene	ND	0.0250	1	05/18/23	05/19/23	
p,m-Xylene	ND	0.0500	1	05/18/23	05/19/23	
Total Xylenes	ND	0.0250	1	05/18/23	05/19/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.4 %	70-130		05/18/23	05/19/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2320072
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/18/23	05/19/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	86.7 %	70-130		05/18/23	05/19/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2320089
Diesel Range Organics (C10-C28)	ND	25.0	1	05/19/23	05/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/19/23	05/20/23	
<i>Surrogate: n-Nonane</i>						
	93.0 %	50-200		05/19/23	05/20/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2320079
Chloride	ND	20.0	1	05/18/23	05/22/23	



Sample Data

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

Project Name: Ore Ida 14 Fed 10
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
5/24/2023 4:43:56PM

SW8

E305112-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2320072
Benzene	ND	0.0250	1	05/18/23	05/19/23	
Ethylbenzene	ND	0.0250	1	05/18/23	05/19/23	
Toluene	ND	0.0250	1	05/18/23	05/19/23	
o-Xylene	ND	0.0250	1	05/18/23	05/19/23	
p,m-Xylene	ND	0.0500	1	05/18/23	05/19/23	
Total Xylenes	ND	0.0250	1	05/18/23	05/19/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.6 %	70-130		05/18/23	05/19/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2320072
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/18/23	05/19/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	84.2 %	70-130		05/18/23	05/19/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2320089
Diesel Range Organics (C10-C28)	ND	25.0	1	05/19/23	05/20/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/19/23	05/20/23	
<i>Surrogate: n-Nonane</i>						
	87.3 %	50-200		05/19/23	05/20/23	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2320079
Chloride	ND	20.0	1	05/18/23	05/22/23	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ore Ida 14 Fed 10	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/24/2023 4:43:56PM

Volatile Organic Compounds by EPA 8260B

Analyst: SL

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

Blank (2320073-BLK1)

Prepared: 05/18/23 Analyzed: 05/19/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.534		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.502		0.500		100	70-130			
Surrogate: Toluene-d8	0.526		0.500		105	70-130			

LCS (2320073-BS1)

Prepared: 05/18/23 Analyzed: 05/19/23

Benzene	2.42	0.0250	2.50		96.7	70-130			
Ethylbenzene	2.45	0.0250	2.50		97.8	70-130			
Toluene	2.48	0.0250	2.50		99.1	70-130			
o-Xylene	2.65	0.0250	2.50		106	70-130			
p,m-Xylene	5.26	0.0500	5.00		105	70-130			
Total Xylenes	7.91	0.0250	7.50		105	70-130			
Surrogate: Bromofluorobenzene	0.541		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.509		0.500		102	70-130			
Surrogate: Toluene-d8	0.532		0.500		106	70-130			

Matrix Spike (2320073-MS1)

Source: E305112-05

Prepared: 05/18/23 Analyzed: 05/19/23

Benzene	2.48	0.0250	2.50	ND	99.2	48-131			
Ethylbenzene	2.48	0.0250	2.50	ND	99.4	45-135			
Toluene	2.53	0.0250	2.50	ND	101	48-130			
o-Xylene	2.70	0.0250	2.50	ND	108	43-135			
p,m-Xylene	5.33	0.0500	5.00	ND	107	43-135			
Total Xylenes	8.02	0.0250	7.50	ND	107	43-135			
Surrogate: Bromofluorobenzene	0.541		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.523		0.500		105	70-130			
Surrogate: Toluene-d8	0.523		0.500		105	70-130			

Matrix Spike Dup (2320073-MSD1)

Source: E305112-05

Prepared: 05/18/23 Analyzed: 05/19/23

Benzene	2.51	0.0250	2.50	ND	101	48-131	1.40	23	
Ethylbenzene	2.57	0.0250	2.50	ND	103	45-135	3.36	27	
Toluene	2.59	0.0250	2.50	ND	104	48-130	2.60	24	
o-Xylene	2.77	0.0250	2.50	ND	111	43-135	2.60	27	
p,m-Xylene	5.44	0.0500	5.00	ND	109	43-135	2.04	27	
Total Xylenes	8.21	0.0250	7.50	ND	109	43-135	2.23	27	
Surrogate: Bromofluorobenzene	0.541		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.520		0.500		104	70-130			
Surrogate: Toluene-d8	0.532		0.500		106	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ore Ida 14 Fed 10	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/24/2023 4:43:56PM

Volatile Organics by EPA 8021B

Analyst: IY

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

Blank (2320072-BLK1)

Prepared: 05/18/23 Analyzed: 05/19/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.67		8.00		95.9	70-130			

LCS (2320072-BS1)

Prepared: 05/18/23 Analyzed: 05/19/23

Benzene	4.55	0.0250	5.00		91.1	70-130			
Ethylbenzene	4.77	0.0250	5.00		95.3	70-130			
Toluene	4.83	0.0250	5.00		96.6	70-130			
o-Xylene	4.91	0.0250	5.00		98.1	70-130			
p,m-Xylene	9.71	0.0500	10.0		97.1	70-130			
Total Xylenes	14.6	0.0250	15.0		97.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.66		8.00		95.8	70-130			

Matrix Spike (2320072-MS1)

Source: E305111-01

Prepared: 05/18/23 Analyzed: 05/18/23

Benzene	4.37	0.0250	5.00	ND	87.3	54-133			
Ethylbenzene	4.55	0.0250	5.00	ND	91.1	61-133			
Toluene	4.64	0.0250	5.00	ND	92.9	61-130			
o-Xylene	4.73	0.0250	5.00	ND	94.6	63-131			
p,m-Xylene	9.28	0.0500	10.0	ND	92.8	63-131			
Total Xylenes	14.0	0.0250	15.0	ND	93.4	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.99		8.00		99.9	70-130			

Matrix Spike Dup (2320072-MSD1)

Source: E305111-01

Prepared: 05/18/23 Analyzed: 05/18/23

Benzene	4.78	0.0250	5.00	ND	95.6	54-133	9.01	20	
Ethylbenzene	4.99	0.0250	5.00	ND	99.8	61-133	9.08	20	
Toluene	5.07	0.0250	5.00	ND	101	61-130	8.78	20	
o-Xylene	5.15	0.0250	5.00	ND	103	63-131	8.45	20	
p,m-Xylene	10.1	0.0500	10.0	ND	101	63-131	8.81	20	
Total Xylenes	15.3	0.0250	15.0	ND	102	63-131	8.69	20	
Surrogate: 4-Bromochlorobenzene-PID	8.07		8.00		101	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ore Ida 14 Fed 10	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/24/2023 4:43:56PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

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

Blank (2320072-BLK1) Prepared: 05/18/23 Analyzed: 05/19/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.08		8.00		88.5	70-130			

LCS (2320072-BS2) Prepared: 05/18/23 Analyzed: 05/18/23

Gasoline Range Organics (C6-C10)	44.2	20.0	50.0		88.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.19		8.00		89.9	70-130			

Matrix Spike (2320072-MS2) Source: E305111-01 Prepared: 05/18/23 Analyzed: 05/19/23

Gasoline Range Organics (C6-C10)	42.6	20.0	50.0	ND	85.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.79		8.00		84.8	70-130			

Matrix Spike Dup (2320072-MSD2) Source: E305111-01 Prepared: 05/18/23 Analyzed: 05/18/23

Gasoline Range Organics (C6-C10)	41.7	20.0	50.0	ND	83.5	70-130	2.02	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.19		8.00		89.9	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ore Ida 14 Fed 10	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/24/2023 4:43:56PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

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

Blank (2320073-BLK1)

Prepared: 05/18/23 Analyzed: 05/19/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.534		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.502		0.500		100	70-130			
Surrogate: Toluene-d8	0.526		0.500		105	70-130			

LCS (2320073-BS2)

Prepared: 05/18/23 Analyzed: 05/19/23

Gasoline Range Organics (C6-C10)	58.4	20.0	50.0		117	70-130			
Surrogate: Bromofluorobenzene	0.543		0.500		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.510		0.500		102	70-130			
Surrogate: Toluene-d8	0.534		0.500		107	70-130			

Matrix Spike (2320073-MS2)

Source: E305112-05

Prepared: 05/18/23 Analyzed: 05/24/23

Gasoline Range Organics (C6-C10)	54.7	20.0	50.0	ND	109	70-130			
Surrogate: Bromofluorobenzene	0.533		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.506		0.500		101	70-130			
Surrogate: Toluene-d8	0.538		0.500		108	70-130			

Matrix Spike Dup (2320073-MSD2)

Source: E305112-05

Prepared: 05/18/23 Analyzed: 05/24/23

Gasoline Range Organics (C6-C10)	56.7	20.0	50.0	ND	113	70-130	3.63	20	
Surrogate: Bromofluorobenzene	0.540		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.495		0.500		98.9	70-130			
Surrogate: Toluene-d8	0.538		0.500		108	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ore Ida 14 Fed 10	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/24/2023 4:43:56PM

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 (2320082-BLK1)					Prepared: 05/19/23 Analyzed: 05/19/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	55.0		50.0		110	50-200			

LCS (2320082-BS1)					Prepared: 05/19/23 Analyzed: 05/19/23				
Diesel Range Organics (C10-C28)	282	25.0	250		113	38-132			
Surrogate: n-Nonane	54.0		50.0		108	50-200			

Matrix Spike (2320082-MS1)					Source: E305112-16		Prepared: 05/19/23 Analyzed: 05/19/23		
Diesel Range Organics (C10-C28)	284	25.0	250	ND	113	38-132			
Surrogate: n-Nonane	53.8		50.0		108	50-200			

Matrix Spike Dup (2320082-MSD1)					Source: E305112-16		Prepared: 05/19/23 Analyzed: 05/19/23		
Diesel Range Organics (C10-C28)	279	25.0	250	ND	112	38-132	1.70	20	
Surrogate: n-Nonane	52.7		50.0		105	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ore Ida 14 Fed 10	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/24/2023 4:43:56PM

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 (2320089-BLK1)

Prepared: 05/19/23 Analyzed: 05/19/23

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.4		50.0		96.7	50-200			

LCS (2320089-BS1)

Prepared: 05/19/23 Analyzed: 05/19/23

Diesel Range Organics (C10-C28)	251	25.0	250		100	38-132			
Surrogate: n-Nonane	47.5		50.0		94.9	50-200			

Matrix Spike (2320089-MS1)

Source: E305113-21

Prepared: 05/19/23 Analyzed: 05/23/23

Diesel Range Organics (C10-C28)	1150	25.0	250	364	315	38-132			M2
Surrogate: n-Nonane	42.3		50.0		84.5	50-200			

Matrix Spike Dup (2320089-MSD1)

Source: E305113-21

Prepared: 05/19/23 Analyzed: 05/23/23

Diesel Range Organics (C10-C28)	905	25.0	250	364	217	38-132	24.0	20	M2, R2
Surrogate: n-Nonane	46.4		50.0		92.8	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ore Ida 14 Fed 10	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/24/2023 4:43:56PM

Anions by EPA 300.0/9056A

Analyst: RAS

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

Blank (2320079-BLK1)					Prepared: 05/18/23 Analyzed: 05/22/23				
Chloride	ND	20.0							
LCS (2320079-BS1)					Prepared: 05/18/23 Analyzed: 05/22/23				
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2320079-MS1)					Source: E305111-01		Prepared: 05/18/23 Analyzed: 05/22/23		
Chloride	253	20.0	250	ND	101	80-120			
Matrix Spike Dup (2320079-MSD1)					Source: E305111-01		Prepared: 05/18/23 Analyzed: 05/22/23		
Chloride	254	20.0	250	ND	102	80-120	0.378	20	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Ore Ida 14 Fed 10	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/24/2023 4:43:56PM

Anions by EPA 300.0/9056A

Analyst: RAS

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

Blank (2320080-BLK1)					Prepared: 05/18/23 Analyzed: 05/22/23				
Chloride	ND	20.0							
LCS (2320080-BS1)					Prepared: 05/18/23 Analyzed: 05/22/23				
Chloride	245	20.0	250		98.1	90-110			
Matrix Spike (2320080-MS1)					Source: E305112-01		Prepared: 05/18/23 Analyzed: 05/22/23		
Chloride	246	20.0	250	ND	98.4	80-120			
Matrix Spike Dup (2320080-MSD1)					Source: E305112-01		Prepared: 05/18/23 Analyzed: 05/22/23		
Chloride	243	20.0	250	ND	97.3	80-120	1.17	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:	Ore Ida 14 Fed 10	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	05/24/23 16:43

- M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
- R2 The RPD exceeded the acceptance limit.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

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

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

Project Information

Chain of Custody

Page 1 of 3

Client: Pima Environmental Services					Bill To		Lab Use Only				TAT				EPA Program	
Project: Ore Ida 19 Feb 10					Attention: Devon		Lab WO# E305112		Job Number 01058-0007		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Tom Bynum					Address:		Analysis and Method								RCRA	
Address: 5614 N. Lovington Hwy.					City, State, Zip											
City, State, Zip Hobbs, NM, 88240					Phone:											
Phone: 580-748-1613					Email:											
Email: tom@pimaoil.com					Pima Project # 1-241-1											
Report due by:																
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX	Remarks
12:00	5/16/23	S	1	S1-1'	1									X		
12:05				S1-4'	2											
12:10				S2-1'	3											
12:15				S2-4'	4											
12:20				S3-1'	5											
12:25				S3-4'	6											
12:30				S4-1'	7											
12:35				S4-4'	8											
12:40				S5-1'	9											
12:45				S5-4'	10											
Additional Instructions: B# 21132941																
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.										Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.						
Relinquished by: (Signature) Karine Adams										Received by: (Signature) [Signature]						
Date 5/17										Date 5.17.23						
Time 1445										Time 1445						
Relinquished by: (Signature) [Signature]										Received by: (Signature) Andrew Musso						
Date 5.17.23										Date 5.17.23						
Time 1910										Time 2000						
Relinquished by: (Signature) Andrew Musso										Received by: (Signature) Cath Man						
Date 5.18.23										Date 5/18/23						
Time 0300										Time 8:20						
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.																

Client: Pima Environmental Services
 Project: Ore Ida 14 Feb. 10
 Project Manager: Tom Bynum
 Address: 5614 N. Lovington Hwy.
 City, State, Zip Hobbs, NM, 88240
 Phone: 580-748-1613
 Email: tom@pimaoil.com
 Report due by:

Bill To

Attention: Devon

Address:

City, State, Zip

Phone:

Email:

Pima Project # 1-241-1

Lab Use Only

Lab WO#

E305112

Job Number

01058-0007

TAT

1D

2D

3D

Standard

X

EPA Program

CWA

SDWA

RCRA

Analysis and Method

DRO/DRO by 8015

GRO/DRO by 8015

BTEX by 8021

VOC by 8260

Metals 6010

Chloride 300.0

BGDOC NM

BGDOC TX

State

NM

CO

UT

AZ

TX

Remarks

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
12:50	5/6/23	S	1	S6-1'	11							X		
12:55			1	S6-4'	12									
1:00				S7-1'	13									
1:05				S7-4'	14									
1:10				S8-1'	15									
1:15				S8-4'	16									
1:20				SW1	17									
1:25				SW2	18									
1:30				SW3	19									
1:35				SW4	20									

Additional Instructions:

B# 21132941

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

Sampled by: A.F

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only
<u>Karime Hecme</u>	<u>5/17</u>	<u>1445</u>	<u>Andrew Messo</u>	<u>5.17.23</u>	<u>1445</u>	Received on ice: <u>Y/N</u>
<u>Andrew Messo</u>	<u>5.17.23</u>	<u>1910</u>	<u>Andrew Messo</u>	<u>5.17.23</u>	<u>2000</u>	T1 T2 T3
<u>Andrew Messo</u>	<u>5.18.23</u>	<u>0300</u>	<u>Cathy Mann</u>	<u>5/18/23</u>	<u>8:20</u>	AVG Temp °C <u>4</u>

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

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

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

Project Information

Chain of Custody

Page 3 of 3

Client: Pima Environmental Services					Bill To		Lab Use Only		TAT				EPA Program			
Project: <u>Ore Ida 14 Feb 10</u>					Attention: <u>Dexon</u>		Lab WO# <u>E305112</u>		Job Number <u>01058-0007</u>		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Tom Bynum					Address:											
Address: 5614 N. Lovington Hwy.					City, State, Zip										RCRA	
City, State, Zip Hobbs, NM, 88240					Phone:											
Phone: 580-748-1613					Email:											
Email: tom@pimaoil.com					Pima Project # <u>1-241-1</u>											
Report due by:																
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC NM	BGDOC TX	State	
															NM CO UT AZ TX	
															Remarks	
1:40	5/16/23	S	1	SW5	21								X			
1:45				SW6	22											
1:50				SW7	23											
1:55				SW8	24											

Additional Instructions:

BH21132941

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

Sampled by: A.F

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only Received on ice: <u>Y</u> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
<u>Kerime Adame</u>	<u>5/17</u>	<u>1445</u>	<u>[Signature]</u>	<u>5-17-23</u>	<u>1445</u>	
<u>[Signature]</u>	<u>5-17-23</u>	<u>1910</u>	<u>Andrew Musso</u>	<u>5-17-23</u>	<u>2000</u>	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
<u>Andrew Musso</u>	<u>5-18-23</u>	<u>0300</u>	<u>Auth Man</u>	<u>5/18/23</u>	<u>8:20</u>	

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

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

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

Envirotech Analytical Laboratory

Printed: 5/18/2023 12:01:18PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	05/18/23 08:20	Work Order ID:	E305112
Phone:	(575) 631-6977	Date Logged In:	05/18/23 10:02	Logged In By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:	05/24/23 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

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

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

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

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

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

CONDITIONS

Action 223957

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 223957
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jharimon	None	6/23/2023