

Volume calculator

There was no volume calculator prepared when the spill occurred.

JULY 30, 2024

ORE IDA 14 FEDERAL #10

NAB1815955393

REMEDIATION CLOSURE REPORT
PREPARED FOR DEVON ENERGY PRODUCTION, LP



July 30, 2024

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

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

Re: Remediation Closure Report
Ore Ida 14 Federal #10
API No. 30-015-29290
GPS: Latitude 32.2152138 Longitude -103.9494476
ULSTR – I – 14 – 24S – 29E 1780FSL 860FEL Eddy County, NM
NMOCD Incident ID nAB1815955393

This produced water release was discovered by the operator on May 22, 2018. The initial C-141 was submitted on June 5, 2018, and can be found in Appendix C. This incident was assigned Incident ID nAB1815955393 by the New Mexico Oil Conservation Division (NMOCD).

Release Information

nAB1815955393: On May 22, 2018, The Ore Ida 14 Fed 10 SWD Facility was struck by lightning which resulted in a fire. The fire department was called and extinguished the fire. All fluid remained on location. Approximately 285 bbls of produced water was released. Approximately 272 bbls was recovered (265 bbls from the lined containment and 7 bbls from the pad surface). An Environmental contractor will be contacted to assist with delineation and remediation efforts.

Site Information and Site Characterization

The Ore Ida 14 Federal #10 (Ore Ida) is located approximately seven (7) miles east of Malaga, NM. The release area Unit I, Section 14, Township 24S, Range 29E, Latitude 32.2152138 Longitude -103.9494476, Eddy County, NM. A Location Map can be found in Figure 1.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology in this area is made up of eolian and piedmont deposits; Interlayered eolian sands and piedmont-slope deposits along the eastern flank of the Pecos River valley, primarily between Roswell and Carlsbad. Typically capped by thin eolian deposits. The soil in this area is made up of Kermit-Berino fine sands, 0 to 3 percent slopes, and Stony and Rough broken land according to the United States Department of Agriculture Natural Resources Conservation Service soil survey. The drainage class in this area is excessively drained (Appendix B). A Topographic Map can be found in Figure 2. The nearest surface water feature is the Pecos River located approximately 1.92 miles to the west of this site. There is a low potential for karst geology to be present around the Ore Ida (Figure 3).

According to the New Mexico Office of the State Engineer, depth to the nearest groundwater in this area is greater than 55 feet below grade surface (BGS). According to the United States Geological Survey well water data, depth to the nearest groundwater in this area is 231 feet BGS. The groundwater information from CP-04794-POD1 establishes a lack of groundwater at 55' bgs. This POD was drilled and recorded by West Texas Water Well Service, on January 19, 2024. The well bore was left open for the required 72-hour timeframe then checked for saturation. No saturation or water-bearing soil was encountered, the well was then plugged on January 23, 2024. Referenced water surveys, pod information, and water-related maps can be found in Appendix A. Closure criteria for this release site will be classified in the 51-100' to groundwater section of Table 1 19.15.29.12 NMAC.

Delineation Activities

On February 15, 2023, Pima personnel mobilized to the site to begin delineation activities. Samples for vertical delineation were collected from 6 different sample points from depths of 1', 4', and 5' bgs. Samples for horizontal delineation were collected from 3 different sample points on the north, west, and south side of the release area. The east side was not collected as it is immediately adjacent to the metal containment wall. One sample was collected from north of the pad in the pasture for background information. A total of 22 samples were collected, put on ice, jarred, and delivered to Envirotech Laboratories for testing. All samples were tested for all constituents. The results of this sampling event can be seen in the following data table. The release area measures approximately 1,213 square feet. A Site Map can be found in Figure 4. The release outside of the secondary containment remained on the engineered pad, which is still needed for subsequent production and/or drilling purposes. Photographic Documentation can be found in Appendix D.



2/15/23 Soil Sampling Results

| NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100') | | | | | | | | |
|--|-------------|--------------------------------|---------------|-----------|-----------|-----------|-----------------|----------|
| DEVON ENERGY - ORE IDA 14 Federal #10 - nAB1815955393 | | | | | | | | |
| Date: 2/15/23 | | 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 | 12300 |
| | 4' | ND | ND | ND | ND | ND | 0 | 152 |
| | 5' | ND | ND | ND | ND | ND | 0 | ND |
| S-2 | 1' | ND | ND | ND | 46.4 | 62.4 | 108.8 | 8280 |
| | 4' | ND | ND | ND | ND | ND | 0 | 161 |
| | 5' | ND | ND | ND | ND | ND | 0 | ND |
| S-3 | 1' | ND | ND | ND | 74.6 | 68.9 | 143.5 | 2390 |
| | 4' | ND | ND | ND | ND | ND | 0 | 149 |
| | 5' | ND | ND | ND | ND | ND | 0 | ND |
| S-4 | 1' | ND | ND | ND | 44 | ND | 44 | 9370 |
| | 4' | ND | ND | ND | ND | ND | 0 | 150 |
| | 5' | ND | ND | ND | ND | ND | 0 | ND |
| S-5 | 1' | ND | ND | ND | 77.9 | 78 | 155.9 | 6150 |
| | 4' | ND | ND | ND | ND | ND | 0 | 195 |
| | 5' | ND | ND | ND | ND | ND | 0 | ND |
| S-6 | 1' | ND | ND | ND | ND | ND | 0 | 3850 |
| | 4' | ND | ND | ND | ND | ND | 0 | 170 |
| | 5' | ND | ND | ND | ND | ND | 0 | ND |
| BG 1 | 6" | ND | ND | ND | ND | ND | 0 | ND |
| SW-1 | 0-4' Comp | ND | ND | ND | ND | ND | 0 | ND |
| SW-2 | 0-4' Comp | ND | ND | ND | ND | ND | 0 | ND |
| SW-3 | 0-4' Comp | ND | ND | ND | ND | ND | 0 | ND |

ND – Not Detected

According to Table 1 of 19.15.29.12 NMAC, the 51-100' closure criteria, the sample results at S-1 were over the regulatory limits for closure.

Remediation Activities

On July 18, 2024, the Devon construction department and Pima Environmental mobilized personnel and equipment to the site to begin remediating the S1 area of the release. Utilizing hand and mechanical excavation means, a 200 square foot area was marked off and excavated to a depth of 2' bgs. A total of approximately 15 cubic yards of contaminated soil was removed and hauled to R360, an approved, lined disposal facility. After the excavation was completed, confirmation samples were collected as per the 48-Hour Notification of Sampling that was submitted by Devon on July 16, 2024. One base composite sample and one wall composite sample was collected from the excavation. The samples were immediately put on ice, jarred, and prepared for delivery to Cardinal Laboratories. Each sample was representative of no more than 200 square feet in accordance with Subparagraph (c) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC. Each sample was analyzed for all constituents listed in Table 1 19.15.29.12 NMAC. The results of this confirmation sampling event can be seen in the following data table.

7/18/24 Confirmation Sampling Results

| NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100') | | | | | | | | |
|--|-------------|--------------------------------|---------------|-----------|-----------|-----------|-----------------|----------|
| DEVON ENERGY - ORE IDA 14 Federal #10 - nAB1815955393 | | | | | | | | |
| Date: 7/18/24 | | NM Approved Laboratory Results | | | | | | |
| Sample ID | Depth (BGS) | BTEX mg/kg | Benzene mg/kg | GRO mg/kg | DRO mg/kg | MRO mg/kg | Total TPH mg/kg | Cl mg/kg |
| CS 1-2' Comp | 2' | ND | ND | ND | ND | ND | 0 | 2360 |
| CSW 1-2' Comp | 2' | ND | ND | ND | ND | ND | 0 | 2400 |

Complete Laboratory Reports can be found in Appendix E.

**Closure Request**

Based on the soil sampling results above, the contamination levels are under the regulatory limits of the 51-100' depth to groundwater section of Table 1 19.15.29.12 NMAC.

After careful review, Devon Energy requests that this remediation closure report for incident nAB1815955393, be approved. Devon has complied with the applicable remediation closure requirements set forth in rule 19.15.29.12 NMAC and understands that reclamation of this pad area once it is no longer needed for production or subsequent drilling operations will require an approved reclamation plan addressing a minimum of four feet of non-waste containing earthen material.

For questions or additional information, please feel free to contact:

Devon Energy – Dale Woodall – 575-748-1838 or dale.woodall@devon.com.

Pima Environmental – Tom Bynum – 580-748-1613 or tom@pimaoil.com.

Attachments

Figures:

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

Appendices:

- Appendix A – Referenced Water Surveys and Water-Related Maps
- Appendix B – Soil Survey and Geological Data
- Appendix C – Initial C-141 & 48-Hour Notification
- Appendix D – Photographic Documentation
- Appendix E – Laboratory Report

Figures:

Figure 1- Location Map

Figure 2- Topographic Map

Figure 3- Karst Map

Figure 4- Site Map

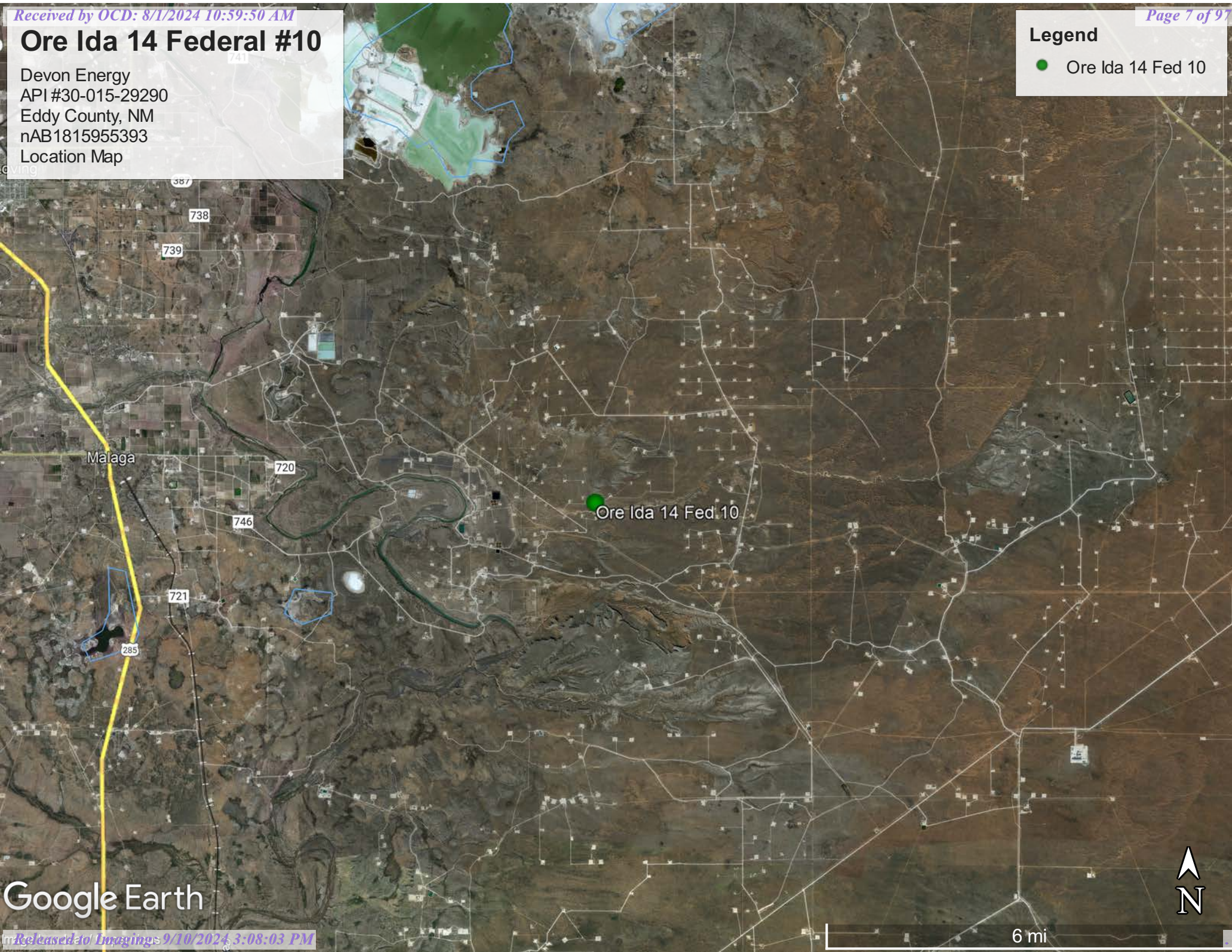
Figure 5- Confirmation Sample Map

Ore Ida 14 Federal #10

Devon Energy
API #30-015-29290
Eddy County, NM
nAB1815955393
Location Map

Legend

● Ore Ida 14 Fed 10



Google Earth

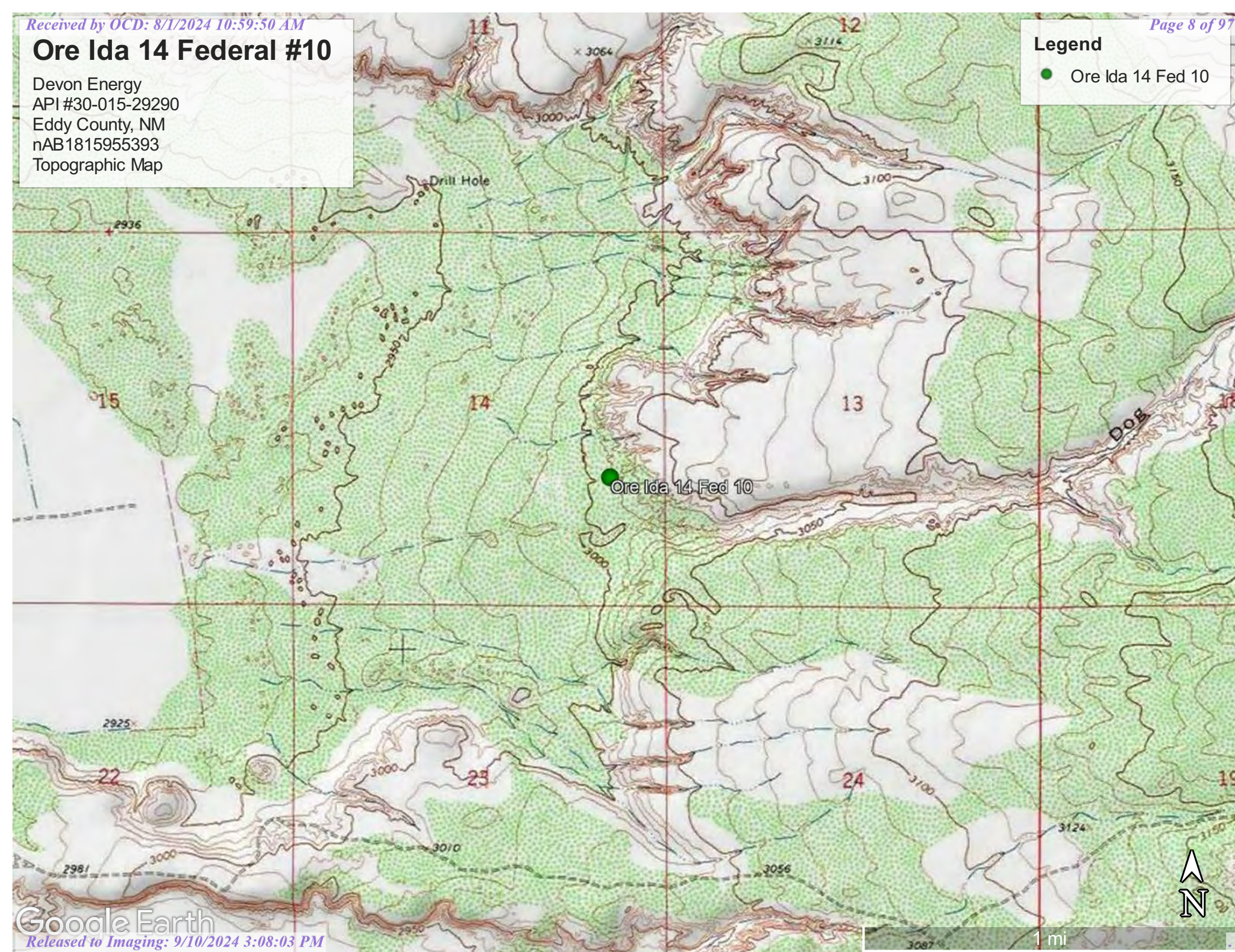
6 mi

Ore Ida 14 Federal #10

Devon Energy
API #30-015-29290
Eddy County, NM
nAB1815955393
Topographic Map

Legend

● Ore Ida 14 Fed 10






1 mi

Ore Ida 14 Federal #10

Devon Energy
API #30-015-29290
Eddy County, NM
nAB1815955393
Karst Map

Legend

-  High Karst
-  Low Karst
-  Medium Karst

Ore Ida 14 Fed 10



1 mi

Google Earth

Ore Ida 14 Federal #10

Devon Energy
API #30-015-29290
Eddy County, NM
nAB1815955393
Site Map

Legend

- Background sample
- Horizontal delineation samples
- Release area - 1,213 sqft
- Vertical delineation samples

32.215321, -103.949504

BG-1

SW-1

CS4

CS1

CS5

CS2

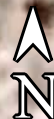
CS6

CS3

SW-2

SW-3

Ore Ida 14 Fed 10



80 ft

Google Earth

Ore Ida 14 Federal #10

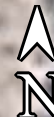
Devon Energy
API #30-015-29290
Eddy County, NM
nAB1815955393
Confirmation Sample Map

Legend

- CS1
- CSW1
- Excavation area - 200 sqft (2' bgs)

32.215321, -103.949504

Ore Ida 14 Fed 10



80 ft

Google Earth

Appendix A

Water Surveys:

- OSE
- USGS
- Surface Water Map
- Wetlands Map
- Fema Flood Map



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

(quarters are 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 04794 POD1 | | CUB | ED | 1 | 1 | 3 | 13 | 24S | 29E | 599336 | 3564889 | 353 | | | |
| C 04778 POD2 | | CUB | ED | 2 | 3 | 1 | 15 | 24S | 29E | 596415 | 3565355 | 2650 | 40 | 18 | 22 |
| C 04778 POD1 | | CUB | ED | 1 | 3 | 1 | 15 | 24S | 29E | 596200 | 3565247 | 2840 | 40 | 18 | 22 |
| Average Depth to Water: | | | | | | | | | | | | | | 18 feet | |
| Minimum Depth: | | | | | | | | | | | | | | 18 feet | |
| Maximum Depth: | | | | | | | | | | | | | | 18 feet | |

Record Count: 3

UTMNAD83 Radius Search (in meters):

Easting (X): 599001

Northing (Y): 3564774.22

Radius: 3000

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.

6/7/24 7:52 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER



WELL RECORD & LOG

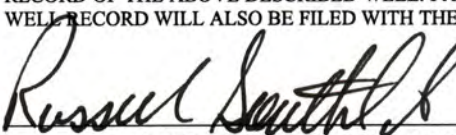
OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

| | | | | | | | |
|--|---|---------------------------|---|---|--|------------------------------|--------------------------------|
| 1. GENERAL AND WELL LOCATION | OSE POD NO. (WELL NO.) C-4796 C-04794 <i>POD1</i> | | WELL TAG ID NO. | | OSE FILE NO(S). C-4796 C-04794 | | |
| | WELL OWNER NAME(S) DEVON ENERGY RESOURCES | | | | PHONE (OPTIONAL) 405-318-4697 | | |
| | WELL OWNER MAILING ADDRESS 205 E BENDER ROAD # 150 | | | | CITY STATE ZIP HOBBS NM 88240 | | |
| | WELL LOCATION (FROM GPS) | DEGREES LATITUDE 32 | MINUTES 12 | SECONDS 58.392 N | • ACCURACY REQUIRED: ONE TENTH OF A SECOND • DATUM REQUIRED: WGS 84 | | |
| | | LONGITUDE -103 | 56 | 45.1608 W | | | |
| DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE CORRAL DRAW AQH FEDERAL # 001 | | | | | | | |
| 2. DRILLING & CASING INFORMATION | LICENSE NO. WD-1184 | | NAME OF LICENSED DRILLER RUSSELL SOUTHERLAND | | NAME OF WELL DRILLING COMPANY WEST TEXAS WATER WELL SERVICE | | |
| | DRILLING STARTED 1/19/2024 | | DRILLING ENDED 1/19/2024 | | DEPTH OF COMPLETED WELL (FT) 55 | | |
| | COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED) | | DEPTH WATER FIRST ENCOUNTERED (FT) N/A | | | | |
| | DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD | | ADDITIVES - SPECIFY: | | | | |
| | DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY: | | | | | | |
| | DEPTH (feet bgl) FROM TO | | BORE HOLE DIAM (inches) | CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen) | CASING CONNECTION TYPE (add coupling diameter) | CASING INSIDE DIAM. (inches) | CASING WALL THICKNESS (inches) |
| | | | | NO CASING IN HOLE | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| 3. ANNULAR MATERIAL | DEPTH (feet bgl) FROM TO | | BORE HOLE DIAM. (inches) | LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL | | AMOUNT (cubic feet) | METHOD OF PLACEMENT |
| | | | | | | | |
| | | | | N/A | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

WR-20 WELL RECORD & LOG (Version 04/30/19)

| | | | | | |
|-----------------------------------|--|-------------------------|-----------------|---------|-----------------------|
| FOR OSE INTERNAL USE | | FILE NO. C-04794 | | POD NO. | TRN NO. 754018 |
| LOCATION 24S. 29E. 13. 113 | | | WELL TAG ID NO. | | PAGE 1 OF 2 |

| | | | | | | | |
|--|---|-----------|---|--|---------------------------------|--|--|
| 4. HYDROGEOLOGIC LOG OF WELL | DEPTH (feet bgl) | | THICKNESS (feet) | COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units) | WATER BEARING? (YES / NO) | ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm) | |
| | FROM | TO | | | | | |
| | 0 | 10 | | TAN SAND AND CALICHIE | Y ✓ N | | |
| | 10 | 55 | | RED SANDSTONE | Y ✓ N | | |
| | | | | | Y N | | |
| | | | | | Y N | | |
| | | | | | Y N | | |
| | | | | | Y N | | |
| | | | | | Y N | | |
| | | | | | Y N | | |
| | | | | | Y N | | |
| | | | | | Y N | | |
| | | | | | Y N | | |
| | | | | | Y N | | |
| | | | | | Y N | | |
| | | | | | Y N | | |
| | | | | | Y N | | |
| | | | | | Y N | | |
| | METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input checked="" type="checkbox"/> OTHER – SPECIFY: DRY HOLE | | | | | TOTAL ESTIMATED WELL YIELD (gpm): 0.00 | |
| | 5. TEST; RIG SUPERVISION | WELL TEST | TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD. | | | | |
| MISCELLANEOUS INFORMATION: | | | | | | | |
| PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: RUSSELL SOUTHERLAND | | | | | | | |
| 6. SIGNATURE | BY SIGNING BELOW, I CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED WELL. I ALSO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND THAT THIS WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLING.  RUSSELL SOUTHERLAND | | | | | 1/31/2024 | |
| SIGNATURE OF DRILLER / PRINT SIGNEE NAME | | | | | DATE | | |

| | | | |
|-----------------------------|-----------------|--|-------------|
| FOR OSE INTERNAL USE | | WR-20 WELL RECORD & LOG (Version 04/30/2019) | |
| FILE NO. C-04796 | POD NO. | TRN NO. 754018 | |
| LOCATION 245.29 E. 13. 113. | WELL TAG ID NO. | | PAGE 2 OF 2 |

OSE POD Location Map



5/31/2024, 9:27:50 AM

GIS WATERS PODs



OSE District Boundary

NHD Flowlines



Pending

Water Right Regulations

Artificial Path

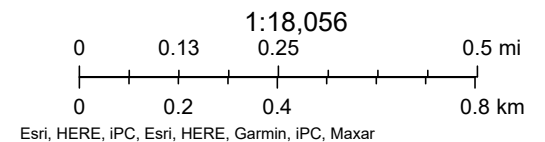


Plugged



Artesian Planning Area

Stream River





[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 =

- 321205103544701

Minimum number of levels = 1

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

USGS 321205103544701 24S.30E.19.42113

Available data for this site

Groundwater: Field measurements

GO

Eddy County, New Mexico

Hydrologic Unit Code 13060011

Latitude 32°12'05", Longitude 103°54'47" NAD27

Land-surface elevation 3,188 feet above NAVD88

The depth of the well is 452 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.

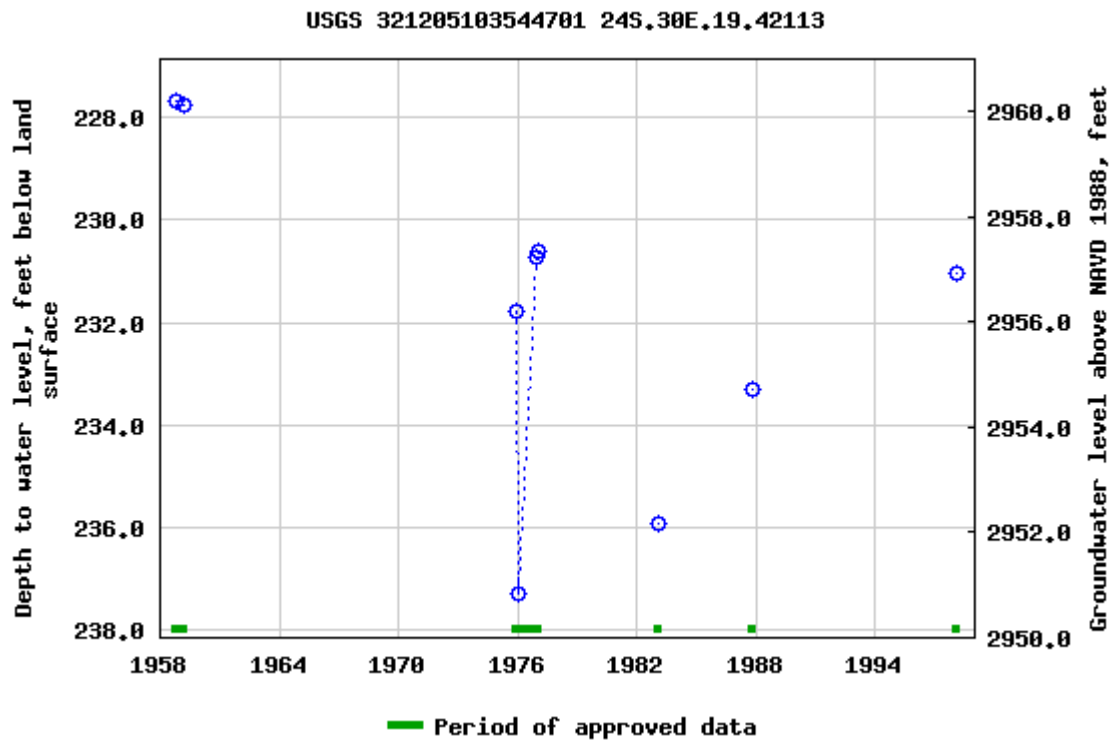
Output formats

[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 or Comments](#)

[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: 2024-05-31 10:29:59 EDT

0.61 0.5 nadww01



National Water Information System: Mapper



Ore Ida 14 Federal #10

Devon Energy
API #30-015-29290
Eddy County, NM
nAB1815955393
Surface Water Map

Legend

- 1.92 Miles
- Pecos River

Pecos River

Ore Ida 14 Fed 10



4000 ft



Wetlands Map



May 31, 2024

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

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

- Lake
- Other
- Riverine

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

National Flood Hazard Layer FIRMette



103°57'16"W 32°13'9"N



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

1:6,000

103°56'38"W 32°12'39"N

Released to Imaging: 9/10/2024 3:08:03 PM

Basemap Imagery Source: USGS National Map 2023

Legend

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

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



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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 5/31/2024 at 10:33 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.



Appendix B

- Soil Survey
- Soil Map
- Geological Data

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

Eddy Area, New Mexico

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

Map Unit Setting

National map unit symbol: 1w4q
Elevation: 3,100 to 4,200 feet
Mean annual precipitation: 10 to 14 inches
Mean annual air temperature: 60 to 64 degrees F
Frost-free period: 190 to 230 days
Farmland classification: Not prime farmland

Map Unit Composition

Kermit and similar soils: 50 percent
Berino and similar soils: 35 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Kermit

Setting

Landform: Plains, alluvial fans
Landform position (three-dimensional): Talf, rise
Down-slope shape: Convex, linear
Across-slope shape: Linear
Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 7 inches: fine sand
H2 - 7 to 60 inches: fine sand

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Excessively drained
Runoff class: Negligible
Capacity of the most limiting layer to transmit water (Ksat): Very high (20.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Maximum salinity: Nonsaline (0.0 to 1.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Low (about 3.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: A
Ecological site: R070BD005NM - Deep Sand
Hydric soil rating: No

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

Description of Berino

Setting

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

Typical profile

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

Properties and qualities

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

Interpretive groups

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

Minor Components

Active dune land

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

Data Source Information

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

Map Unit Description: Stony and Rough broken land---Eddy Area, New Mexico

Eddy Area, New Mexico

SR—Stony and Rough broken land

Map Unit Composition

Stony and rough broken land: 100 percent

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

Data Source Information

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 19, Sep 7, 2023


Soil Map—Eddy Area, New Mexico




Soil Map—Eddy Area, New Mexico

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

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

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

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

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

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

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

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

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 19, Sep 7, 2023

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





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

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

Map Unit Legend

| Map Unit Symbol | Map Unit Name | Acres in AOI | Percent of AOI |
|-----------------------------|---|--------------|----------------|
| KM | Kermit-Berino fine sands, 0 to 3 percent slopes | 2.1 | 68.9% |
| SR | Stony and Rough broken land | 0.9 | 31.1% |
| Totals for Area of Interest | | 3.0 | 100.0% |

Legend

-  Alluvium
-  Eolian and piedmont deposits
-  Older alluvial deposits of upland plains, piedmont areas, calcic soils, eolian cover sediments of High Plains region
-  Piedmont alluvial deposits

Ore Ida 14 Federal #10

Devon Energy
API #30-015-29290
Eddy County, NM
nAB1815955393
Geologic Unit Map

Ore Ida 14 Fed 10



1 mi

Google Earth



Appendix C

- Initial C-141 Form
- 48-Hour Notification

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

State of New Mexico
Energy Minerals and Natural Resources JUN 05 2018
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised April 3, 2017

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.
DISTRICT II-ARTESIA O.C.D.

Release Notification and Corrective Action

OPERATOR ☒ Initial Report ☐ Final Report

Name of Company Devon Energy Production Company **Contact** Steve McGlasson, Production Foreman

Address 6488 Seven Rivers Hwy Artesia, NM 88210 **Telephone No.** 575-748-3371

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

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

LOCATION OF RELEASE

| | | | | | | | | |
|------------------|---------------|-----------------|--------------|---------------|------------------|---------------|----------------|----------------|
| Unit Letter I | Section 14 | Township 24S | Range 29E | Feet from the | North/South Line | Feet from the | East/West Line | County Eddy |
|------------------|---------------|-----------------|--------------|---------------|------------------|---------------|----------------|----------------|

Latitude_32.215441_ Longitude_103.949190_ NAD83

NATURE OF RELEASE

| | | |
|--|---|--|
| Type of Release Produced Water (PW) | Volume of Release 285BBLS | Volume Recovered 272BBLS |
| Source of Release Tanks | Date and Hour of Occurrence May 22, 2018 @ 2:00AM MST | Date and Hour of Discovery May 22, 2018 @ 2:00 AM MST |
| Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required | If YES, To Whom? Mike Bratcher, OCD Crystal Weaver, OCD Shelly Tucker, BLM | |
| By Whom? Brett Fuls, EHS Professional | Date and Hour May 22, 2018 @ 10:05 PM | |
| 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.*

The Ore Ida 14 Fed 10 SWD Facility was struck by lightning which resulted in a fire. The fire department was called and extinguished the fire. All fluid remained on location.

Describe Area Affected and Cleanup Action Taken.*

Approximately 285 bbls of produced water was released. Approximately 272 bbls was recovered (265 bbls from the lined containment and 7 bbls from the pad surface). An Environmental contractor will be contacted to assist with delineation and remediation efforts.

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: Dana DeLaRosa | | OIL CONSERVATION DIVISION | |
| Printed Name: Dana.DeLaRosa | | Approved by Environmental Specialist: <i>[Signature]</i> | |
| Title: Field Admin Support | | Approval Date: 6/5/18 | Expiration Date: N/A |
| E-mail Address: Dana.Delarosa@dvn.com | | Conditions of Approval: See attached Attached <input checked="" type="checkbox"/> | |
| Date: | Phone: 575.746.5594 | 2RP-4789 | |

* Attach Additional Sheets If Necessary

Operator/Responsible Party,

The OCD has received the form C-141 you provided on 6/05/2018 regarding an unauthorized release. The information contained on that form has been entered into our incident database and remediation case number 2RD 4789 has been assigned. **Please refer to this case number in all future correspondence.**

It is the Division's obligation under both the Oil & Gas Act and Water Quality Act to provide for the protection of public health and the environment. Our regulations (19.15.29.11 NMAC) state the following,

The responsible person shall complete division-approved corrective action for releases that endanger public health or the environment. The responsible person shall address releases in accordance with a remediation plan submitted to and approved by the division or with an abatement plan submitted in accordance with 19.15.30 NMAC. [emphasis added]

Release characterization is the first phase of corrective action unless the release is ongoing or is of limited volume and all impacts can be immediately addressed. Proper and cost-effective remediation typically cannot occur without adequate characterization of the impacts of any release. Furthermore, the Division has the ability to impose reasonable conditions upon the efforts it oversees. **As such, the Division is requiring a workplan for the characterization of impacts associated with this release be submitted to the OCD District 2 office in ARTESIA on or before 7/05/2018. If and when the release characterization workplan is approved, there will be an associated deadline for submittal of the resultant investigation report. Modest extensions of time to these deadlines may be granted, but only with acceptable justification.**

The goals of a characterization effort are: 1) determination of the lateral and vertical extents along with the magnitude of soil contamination. 2) determine if groundwater or surface waters have been impacted. 3) If groundwater or surface waters have been impacted, what are the extents and magnitude of that impact. 4) The characterization of any other adverse impacts that may have occurred (examples: impacts on vegetation, impacts on wildlife, air quality, loss of use of property, etc.). To meet these goals as quickly as possible, the following items must, at a minimum, be addressed in the release characterization workplan and subsequent reporting:

- Horizontal delineation of soil impacts in each of the four cardinal compass directions. Adsorbed soil contamination must be characterized for the following constituents using the associated laboratory methods: benzene, toluene, ethylbenzene, and total xylenes by either Method 8260 or 8021, total petroleum hydrocarbons by Method 8015 extended range (GRO+DRO+MRO; C₆ thru C₃₆), and for chloride by Method 300. This is not an exclusive list of potential contaminants. Analyzed parameters should be modified based on the nature of the released substance(s). Soil sampling must be both within the impacted area and beyond.
- Vertical delineation of soil impacts. Adsorbed soil contamination must be characterized for the following constituents using the associated laboratory methods: benzene, toluene, ethylbenzene, and total xylenes by either Method 8260 or 8021, total petroleum hydrocarbons by Method 8015 extended range (GRO+DRO+MRO; C₆ thru C₃₆), and for chloride by Method 300. As above, this is not an exclusive list of potential contaminants and can be modified. Vertical characterization samples should be taken at depth intervals no greater than five feet apart. Lithologic description of encountered soils must also be provided. At least ten vertical feet of soils with contaminant concentrations at or below these values must be demonstrated as existing above the water table.
- Nominal detection limits for field and laboratory analyses must be provided.
- Composite sampling is not generally allowed.
- Field screening and assessment techniques are acceptable (headspace, titration, EC [include algorithm for validation purposes], EM, etc.), but the sampling and assay procedures must be clearly defined. Copies of field notes are highly desirable. A statistically significant set of split samples must be submitted for confirmatory laboratory analysis, including the laterally farthest and vertically deepest sets of soil samples. Make sure there are at least two soil samples submitted

for laboratory analysis from each borehole or test pit (highest observed contamination and deepest depth investigated). Copies of the actual laboratory results must be provided including chain of custody documentation.

- Probable depth to shallowest protectable groundwater and lateral distance to nearest surface water. If there is an estimate of groundwater depth, the information used to arrive at that estimate must be provided. If there is a reasonable assumption that the depth to protectable water is 50 feet or less, the responsible party should anticipate the need for at least one groundwater monitoring well to be installed in the area of likely maximum contamination.

- If groundwater contamination is encountered, an additional investigation workplan may be required to determine the extents of that contamination. Groundwater and/or surface water samples, if any, must be analyzed by a competent laboratory for volatile organic hydrocarbons (typically Method 8260 full list), total dissolved solids, pH, major anions and cations including chloride and sulfate, dissolved iron, and dissolved manganese. The investigation workplan must provide the groundwater sampling method(s) and sample handling protocols. To the fullest extent possible, aqueous analyses must be undertaken using nominal method detection limits. As with the soil analyses, copies of the actual laboratory results must be provided including chain of custody documentation.

- Accurately scaled and well-drafted site maps must be provided providing the location of borings, test pits, monitoring wells, potentially impacted areas, and significant surface features including roads and site infrastructure that might limit either the release characterization or remedial efforts. Field sketches may be included in subsequent reporting, but should not be considered stand-alone documentation of the site's layout. Digital photographic documentation of the location and fieldwork is recommended, especially if unusual circumstances are encountered.

Nothing herein should be interpreted to preclude emergency response actions or to imply immediate remediation by removal cannot proceed as warranted. Nonetheless, characterization of impacts and confirmation of the effectiveness of remedial efforts must still be provided to the OCD before any release incident will be closed.

Jim Griswold
OCD Environmental Bureau Chief
1220 South St. Francis Drive
Santa Fe, New Mexico 87505
505-476-3465
jim.griswold@state.nm.us

Ore Ida 14 Federal 10 SWD

285BBLS PW_Fire_5.22.2018



This map is for illustrative purposes only and is neither a legally recorded map nor survey and is not intended to be used as one. Devon makes no warranty, representation, or guarantee of any kind regarding this map.

WGS_1984_Web_Mercator_Auxiliary_Sphere
Prepared by: Dana DeLaRosa
Map is current as of: 25-May-2018



Miles
0 0.00 0.00 0.01 1:445



Bratcher, Mike, EMNRD

From: DeLaRosa, Dana <Dana.DeLaRosa@dvn.com>
Sent: Tuesday, June 5, 2018 2:11 PM
To: Weaver, Crystal, EMNRD; Bratcher, Mike, EMNRD; Tucker, Shelly
Cc: Shoemaker, Mike; Fulks, Brett
Subject: Ore Ida 14 Federal 10 SWD_285BBLS PW_Fire_5.22.2018
Attachments: Ore Ida 14 Federal 10 SWD_285BBLS PW_Fire_5.22.2018_GIS Image.pdf; Ore Ida 14 Federal 10 SWD_285BBLS PW_Fire_5.22.2018_Intial C141.doc

Good Afternoon,

Attached you will find a C141 and GIS image for the 285BBL release that occurred at the Ore Ida 14 Federal 10 SWD on 5.22.2018. The red dot on the GIS Image represents the approximate origin of release.

If you have any questions, feel free to contact me.

Thank you!

Dana DeLaRosa

Field Admin Support
Production
A-Schedule

Devon Energy Corporation
PO Box 250
Artesia, NM 88211
575 746 5594



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.

Bratcher, Mike, EMNRD

From: Fulks, Brett <Brett.Fulks@dvn.com>
Sent: Tuesday, May 22, 2018 10:05 PM
To: Bratcher, Mike, EMNRD; Weaver, Crystal, EMNRD; Tucker, Shelly
Cc: Kidd, Aaron; Shoemaker, Mike; DeLaRosa, Dana; Fisher, Sheila
Subject: Ore Ida 14 Fed 10 SWD Fire (API #30-015-29290) Release Notification

Good evening,

Devon identified the following release at approximately 2:00 AM MST on 05/22/18.

1. Ore Ida 14 Fed 10 SWD (API #30-015-29290)

The Ore Ida 14 Fed 10 SWD Facility was struck by lightning at approximately 2:00AM on 5/22/2018. This resulted in a fire and approximately 285 bbls of produced water was released, 265.75 into lined containment and 18.25 bbls outside of containment. All fluid remained on location.

A C-141 will be prepared and submitted with GPS coordinates of the area affected.

Thanks,

Brett Fulks
EHS Representative

Devon Energy Corporation
6488 Seven Rivers Highway
Artesia, New Mexico 88210
575 748 1844 Direct
432 301 3223 Mobile



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.



Tom Pima Oil <tom@pimaoil.com>

Fwd: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 364362

1 message

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

Tue, Jul 16, 2024 at 10:07 AM

To: Tom Pima Oil <tom@pimaoil.com>, Gio PimaOil <gio@pimaoil.com>, Delrae Pima Oil <delrae@pimaoil.com>, "sebastian@pimaoil.com" <sebastian@pimaoil.com>

Dale Woodall

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

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>**Sent:** Tuesday, July 16, 2024 8:59:02 AM**To:** Woodall, Dale <Dale.Woodall@dvn.com>**Subject:** [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 364362

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

The OCD has received the submitted *Notification for (Final) Sampling of a Release (C-141N)*, for incident ID (n#) nAB1815955393.

The sampling event is expected to take place:

When: 07/18/2024 @ 10:30**Where:** I-14-24S-29E 1780 FSL 860 FEL (32.2152138,-103.9494476)**Additional Information:** Andrew Franco 806-200-0054**Additional Instructions:** From the intersection of NM128 and Rawhide Road in Eddy county, travel south on Rawhide Rd for 12.2 miles, turn west on McDonald Rd for 1.8 miles, turn northeast on lease road for 560 feet, turn north on lease road for 600 feet, curve east for 590 feet, curve north for 0.4 miles, curve east for 0.57 miles, curve northwest for 0.5 miles, turn northeast 0.56 miles, turn north into location.

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

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

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

New Mexico Energy, Minerals and Natural Resources Department
[1220 South St. Francis Drive](#)
Santa Fe, NM 87505

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



Appendix D

○ Photographic Documentation



Lease Sign



West side of battery facing south



East side of battery facing south



North side of battery facing west



South side of battery facing north



South side of battery facing east



West side of battery facing north



Flagging/Marking S1 area



Flagging/Marking S1 area



Flagging/Marking S1 area



Excavation of S1 area



Excavation of S1 area



Backfill – Post Excavation



Backfill – Post Excavation



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: E302081

Job Number: 01058-0007

Received: 2/17/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/21/23

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: 2/21/23

Tom Bynum
PO Box 247
Plains, TX 79355-0247



Project Name: Ore Ida 14 Fed 10
Workorder: E302081
Date Received: 2/17/2023 8:15:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/17/2023 8:15:00AM, 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 |
| BG-1 | 6 |
| SW-1 | 7 |
| SW-2 | 8 |
| SW-3 | 9 |
| S1 1' | 10 |
| S2 1' | 11 |
| S3 1' | 12 |
| S4 1' | 13 |
| S5 1' | 14 |
| S6 1' | 15 |
| S1 4' | 16 |
| S2 4' | 17 |
| S3 4' | 18 |
| S4 4' | 19 |
| S5 4' | 20 |
| S6 4' | 21 |
| S1 5' | 22 |
| S2 5' | 23 |
| S3 5' | 24 |
| S4 5' | 25 |

Table of Contents (continued)

| | |
|---|----|
| S5 5' | 26 |
| S6 5' | 27 |
| QC Summary Data | 28 |
| QC - Volatile Organics by EPA 8021B | 28 |
| QC - Nonhalogenated Organics by EPA 8015D - GRO | 30 |
| QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO | 32 |
| QC - Anions by EPA 300.0/9056A | 34 |
| Definitions and Notes | 36 |
| Chain of Custody etc. | 37 |

Sample Summary

| | | | |
|--------------------------------------|------------------|-------------------|------------------------------------|
| Pima Environmental Services-Carlsbad | Project Name: | Ore Ida 14 Fed 10 | Reported: 02/21/23 15:20 |
| PO Box 247 | Project Number: | 01058-0007 | |
| Plains TX, 79355-0247 | Project Manager: | Tom Bynum | |

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|------------------|---------------|--------|----------|----------|------------------|
| BG-1 | E302081-01A | Soil | 02/15/23 | 02/17/23 | Glass Jar, 2 oz. |
| SW-1 | E302081-02A | Soil | 02/15/23 | 02/17/23 | Glass Jar, 2 oz. |
| SW-2 | E302081-03A | Soil | 02/15/23 | 02/17/23 | Glass Jar, 2 oz. |
| SW-3 | E302081-04A | Soil | 02/15/23 | 02/17/23 | Glass Jar, 2 oz. |
| S1 1' | E302081-05A | Soil | 02/15/23 | 02/17/23 | Glass Jar, 2 oz. |
| S2 1' | E302081-06A | Soil | 02/15/23 | 02/17/23 | Glass Jar, 2 oz. |
| S3 1' | E302081-07A | Soil | 02/15/23 | 02/17/23 | Glass Jar, 2 oz. |
| S4 1' | E302081-08A | Soil | 02/15/23 | 02/17/23 | Glass Jar, 2 oz. |
| S5 1' | E302081-09A | Soil | 02/15/23 | 02/17/23 | Glass Jar, 2 oz. |
| S6 1' | E302081-10A | Soil | 02/15/23 | 02/17/23 | Glass Jar, 2 oz. |
| S1 4' | E302081-11A | Soil | 02/15/23 | 02/17/23 | Glass Jar, 2 oz. |
| S2 4' | E302081-12A | Soil | 02/15/23 | 02/17/23 | Glass Jar, 2 oz. |
| S3 4' | E302081-13A | Soil | 02/15/23 | 02/17/23 | Glass Jar, 2 oz. |
| S4 4' | E302081-14A | Soil | 02/15/23 | 02/17/23 | Glass Jar, 2 oz. |
| S5 4' | E302081-15A | Soil | 02/15/23 | 02/17/23 | Glass Jar, 2 oz. |
| S6 4' | E302081-16A | Soil | 02/15/23 | 02/17/23 | Glass Jar, 2 oz. |
| S1 5' | E302081-17A | Soil | 02/15/23 | 02/17/23 | Glass Jar, 2 oz. |
| S2 5' | E302081-18A | Soil | 02/15/23 | 02/17/23 | Glass Jar, 2 oz. |
| S3 5' | E302081-19A | Soil | 02/15/23 | 02/17/23 | Glass Jar, 2 oz. |
| S4 5' | E302081-20A | Soil | 02/15/23 | 02/17/23 | Glass Jar, 2 oz. |
| S5 5' | E302081-21A | Soil | 02/15/23 | 02/17/23 | Glass Jar, 2 oz. |
| S6 5' | E302081-22A | Soil | 02/15/23 | 02/17/23 | Glass Jar, 2 oz. |



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:
2/21/2023 3:20:44PM

BG-1

E302081-01

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | Analyst: SL | | Batch: 2307051 | |
| Benzene | ND | 0.0250 | 1 | 02/17/23 | 02/20/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/17/23 | 02/20/23 | |
| Toluene | ND | 0.0250 | 1 | 02/17/23 | 02/20/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/17/23 | 02/20/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/17/23 | 02/20/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/17/23 | 02/20/23 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | 98.2 % | 70-130 | | 02/17/23 | 02/20/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | Analyst: SL | | Batch: 2307051 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/17/23 | 02/20/23 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | 88.2 % | 70-130 | | 02/17/23 | 02/20/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | Analyst: KM | | Batch: 2307041 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/17/23 | 02/17/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/17/23 | 02/17/23 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | 98.7 % | 50-200 | | 02/17/23 | 02/17/23 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | Analyst: KL | | Batch: 2307048 | |
| Chloride | ND | 20.0 | 1 | 02/17/23 | 02/17/23 | |



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:
2/21/2023 3:20:44PM

SW-1

E302081-02

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analyst: SL | | Batch: 2307051 | |
| Benzene | ND | 0.0250 | 1 | 02/17/23 | 02/20/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/17/23 | 02/20/23 | |
| Toluene | ND | 0.0250 | 1 | 02/17/23 | 02/20/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/17/23 | 02/20/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/17/23 | 02/20/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/17/23 | 02/20/23 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 102 % | 70-130 | 02/17/23 | 02/20/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: SL | | Batch: 2307051 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/17/23 | 02/20/23 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 85.2 % | 70-130 | 02/17/23 | 02/20/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: KM | | Batch: 2307041 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/17/23 | 02/17/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/17/23 | 02/17/23 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 102 % | 50-200 | 02/17/23 | 02/17/23 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: KL | | Batch: 2307048 | |
| Chloride | ND | 20.0 | 1 | 02/17/23 | 02/17/23 | |



Sample Data

| | | | |
|--------------------------------------|------------------|-------------------|---|
| Pima Environmental Services-Carlsbad | Project Name: | Ore Ida 14 Fed 10 | Reported: 2/21/2023 3:20:44PM |
| PO Box 247 | Project Number: | 01058-0007 | |
| Plains TX, 79355-0247 | Project Manager: | Tom Bynum | |

SW-2

E302081-03

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analyst: SL | | Batch: 2307051 | |
| Benzene | ND | 0.0250 | 1 | 02/17/23 | 02/20/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/17/23 | 02/20/23 | |
| Toluene | ND | 0.0250 | 1 | 02/17/23 | 02/20/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/17/23 | 02/20/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/17/23 | 02/20/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/17/23 | 02/20/23 | |
| Surrogate: 4-Bromochlorobenzene-PID | 98.0 % | 70-130 | | 02/17/23 | 02/20/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: SL | | Batch: 2307051 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/17/23 | 02/20/23 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 88.2 % | 70-130 | | 02/17/23 | 02/20/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: KM | | Batch: 2307041 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/17/23 | 02/17/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/17/23 | 02/17/23 | |
| Surrogate: n-Nonane | 102 % | 50-200 | | 02/17/23 | 02/17/23 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: KL | | Batch: 2307048 | |
| Chloride | ND | 20.0 | 1 | 02/17/23 | 02/17/23 | |



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:
2/21/2023 3:20:44PM

SW-3

E302081-04

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analyst: SL | | Batch: 2307051 | |
| Benzene | ND | 0.0250 | 1 | 02/17/23 | 02/20/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/17/23 | 02/20/23 | |
| Toluene | ND | 0.0250 | 1 | 02/17/23 | 02/20/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/17/23 | 02/20/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/17/23 | 02/20/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/17/23 | 02/20/23 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | 97.0 % | 70-130 | | 02/17/23 | 02/20/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: SL | | Batch: 2307051 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/17/23 | 02/20/23 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | 90.1 % | 70-130 | | 02/17/23 | 02/20/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: KM | | Batch: 2307041 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/17/23 | 02/17/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/17/23 | 02/17/23 | |
| <i>Surrogate: n-Nonane</i> | 101 % | 50-200 | | 02/17/23 | 02/17/23 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: KL | | Batch: 2307048 | |
| Chloride | ND | 20.0 | 1 | 02/17/23 | 02/17/23 | |



Sample Data

| | | | |
|--------------------------------------|------------------|-------------------|---|
| Pima Environmental Services-Carlsbad | Project Name: | Ore Ida 14 Fed 10 | Reported: 2/21/2023 3:20:44PM |
| PO Box 247 | Project Number: | 01058-0007 | |
| Plains TX, 79355-0247 | Project Manager: | Tom Bynum | |

S1 1'

E302081-05

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analyst: SL | | Batch: 2307051 | |
| Benzene | ND | 0.0250 | 1 | 02/17/23 | 02/20/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/17/23 | 02/20/23 | |
| Toluene | ND | 0.0250 | 1 | 02/17/23 | 02/20/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/17/23 | 02/20/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/17/23 | 02/20/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/17/23 | 02/20/23 | |
| Surrogate: 4-Bromochlorobenzene-PID | 98.2 % | 70-130 | | 02/17/23 | 02/20/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: SL | | Batch: 2307051 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/17/23 | 02/20/23 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 84.9 % | 70-130 | | 02/17/23 | 02/20/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: KM | | Batch: 2307041 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/17/23 | 02/17/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/17/23 | 02/17/23 | |
| Surrogate: n-Nonane | 97.8 % | 50-200 | | 02/17/23 | 02/17/23 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: KL | | Batch: 2307048 | |
| Chloride | 12300 | 400 | 20 | 02/17/23 | 02/17/23 | |



Sample Data

| | | | |
|--------------------------------------|------------------|-------------------|---|
| Pima Environmental Services-Carlsbad | Project Name: | Ore Ida 14 Fed 10 | Reported: 2/21/2023 3:20:44PM |
| PO Box 247 | Project Number: | 01058-0007 | |
| Plains TX, 79355-0247 | Project Manager: | Tom Bynum | |

S2 1'

E302081-06

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analyst: SL | | Batch: 2307051 | |
| Benzene | ND | 0.0250 | 1 | 02/17/23 | 02/20/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/17/23 | 02/20/23 | |
| Toluene | ND | 0.0250 | 1 | 02/17/23 | 02/20/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/17/23 | 02/20/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/17/23 | 02/20/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/17/23 | 02/20/23 | |
| Surrogate: 4-Bromochlorobenzene-PID | 96.1 % | 70-130 | | 02/17/23 | 02/20/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: SL | | Batch: 2307051 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/17/23 | 02/20/23 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 89.6 % | 70-130 | | 02/17/23 | 02/20/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: KM | | Batch: 2307041 | |
| Diesel Range Organics (C10-C28) | 46.4 | 25.0 | 1 | 02/17/23 | 02/17/23 | |
| Oil Range Organics (C28-C36) | 62.4 | 50.0 | 1 | 02/17/23 | 02/17/23 | |
| Surrogate: n-Nonane | 85.4 % | 50-200 | | 02/17/23 | 02/17/23 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: KL | | Batch: 2307048 | |
| Chloride | 8280 | 400 | 20 | 02/17/23 | 02/17/23 | |



Sample Data

| | | | |
|--------------------------------------|------------------|-------------------|---|
| Pima Environmental Services-Carlsbad | Project Name: | Ore Ida 14 Fed 10 | Reported: 2/21/2023 3:20:44PM |
| PO Box 247 | Project Number: | 01058-0007 | |
| Plains TX, 79355-0247 | Project Manager: | Tom Bynum | |

S3 1'

E302081-07

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analyst: SL | | Batch: 2307051 | |
| Benzene | ND | 0.0250 | 1 | 02/17/23 | 02/20/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/17/23 | 02/20/23 | |
| Toluene | ND | 0.0250 | 1 | 02/17/23 | 02/20/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/17/23 | 02/20/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/17/23 | 02/20/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/17/23 | 02/20/23 | |
| Surrogate: 4-Bromochlorobenzene-PID | 96.4 % | 70-130 | | 02/17/23 | 02/20/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: SL | | Batch: 2307051 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/17/23 | 02/20/23 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 88.2 % | 70-130 | | 02/17/23 | 02/20/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: KM | | Batch: 2307041 | |
| Diesel Range Organics (C10-C28) | 74.6 | 25.0 | 1 | 02/17/23 | 02/17/23 | |
| Oil Range Organics (C28-C36) | 68.9 | 50.0 | 1 | 02/17/23 | 02/17/23 | |
| Surrogate: n-Nonane | 97.9 % | 50-200 | | 02/17/23 | 02/17/23 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: KL | | Batch: 2307048 | |
| Chloride | 2390 | 40.0 | 2 | 02/17/23 | 02/17/23 | |



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:
2/21/2023 3:20:44PM

S4 1'

E302081-08

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2307051 |
| Benzene | ND | 0.0250 | 1 | 02/17/23 | 02/20/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/17/23 | 02/20/23 | |
| Toluene | ND | 0.0250 | 1 | 02/17/23 | 02/20/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/17/23 | 02/20/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/17/23 | 02/20/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/17/23 | 02/20/23 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | 96.6 % | 70-130 | | 02/17/23 | 02/20/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2307051 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/17/23 | 02/20/23 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | 86.7 % | 70-130 | | 02/17/23 | 02/20/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: KM | | Batch: 2307041 |
| Diesel Range Organics (C10-C28) | 44.0 | 25.0 | 1 | 02/17/23 | 02/17/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/17/23 | 02/17/23 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | 98.6 % | 50-200 | | 02/17/23 | 02/17/23 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: KL | | Batch: 2307048 |
| Chloride | 9370 | 400 | 20 | 02/17/23 | 02/17/23 | |



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:
2/21/2023 3:20:44PM

S5 1'

E302081-09

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2307051 |
| Benzene | ND | 0.0250 | 1 | 02/17/23 | 02/20/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/17/23 | 02/20/23 | |
| Toluene | ND | 0.0250 | 1 | 02/17/23 | 02/20/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/17/23 | 02/20/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/17/23 | 02/20/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/17/23 | 02/20/23 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | 97.5 % | 70-130 | | 02/17/23 | 02/20/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2307051 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/17/23 | 02/20/23 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | 86.5 % | 70-130 | | 02/17/23 | 02/20/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: KM | | Batch: 2307041 |
| Diesel Range Organics (C10-C28) | 77.9 | 25.0 | 1 | 02/17/23 | 02/17/23 | |
| Oil Range Organics (C28-C36) | 78.0 | 50.0 | 1 | 02/17/23 | 02/17/23 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | 95.5 % | 50-200 | | 02/17/23 | 02/17/23 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: KL | | Batch: 2307048 |
| Chloride | 6150 | 200 | 10 | 02/17/23 | 02/17/23 | |



Sample Data

| | | | |
|--------------------------------------|------------------|-------------------|---|
| Pima Environmental Services-Carlsbad | Project Name: | Ore Ida 14 Fed 10 | Reported: 2/21/2023 3:20:44PM |
| PO Box 247 | Project Number: | 01058-0007 | |
| Plains TX, 79355-0247 | Project Manager: | Tom Bynum | |

S6 1'

E302081-10

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analyst: SL | | Batch: 2307051 | |
| Benzene | ND | 0.0250 | 1 | 02/17/23 | 02/20/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/17/23 | 02/20/23 | |
| Toluene | ND | 0.0250 | 1 | 02/17/23 | 02/20/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/17/23 | 02/20/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/17/23 | 02/20/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/17/23 | 02/20/23 | |
| Surrogate: 4-Bromochlorobenzene-PID | 98.5 % | 70-130 | | 02/17/23 | 02/20/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: SL | | Batch: 2307051 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/17/23 | 02/20/23 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 88.4 % | 70-130 | | 02/17/23 | 02/20/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: KM | | Batch: 2307041 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/17/23 | 02/17/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/17/23 | 02/17/23 | |
| Surrogate: n-Nonane | 105 % | 50-200 | | 02/17/23 | 02/17/23 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: KL | | Batch: 2307048 | |
| Chloride | 3850 | 100 | 5 | 02/17/23 | 02/17/23 | |



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:
2/21/2023 3:20:44PM

S1 4'

E302081-11

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2307051 |
| Benzene | ND | 0.0250 | 1 | 02/17/23 | 02/20/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/17/23 | 02/20/23 | |
| Toluene | ND | 0.0250 | 1 | 02/17/23 | 02/20/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/17/23 | 02/20/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/17/23 | 02/20/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/17/23 | 02/20/23 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | 96.5 % | 70-130 | | 02/17/23 | 02/20/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2307051 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/17/23 | 02/20/23 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | 89.0 % | 70-130 | | 02/17/23 | 02/20/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: KM | | Batch: 2307041 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/17/23 | 02/17/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/17/23 | 02/17/23 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | 104 % | 50-200 | | 02/17/23 | 02/17/23 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: KL | | Batch: 2307048 |
| Chloride | 152 | 20.0 | 1 | 02/17/23 | 02/17/23 | |



Sample Data

| | | | |
|--------------------------------------|------------------|-------------------|---|
| Pima Environmental Services-Carlsbad | Project Name: | Ore Ida 14 Fed 10 | Reported: 2/21/2023 3:20:44PM |
| PO Box 247 | Project Number: | 01058-0007 | |
| Plains TX, 79355-0247 | Project Manager: | Tom Bynum | |

S2 4'

E302081-12

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analyst: SL | | Batch: 2307051 | |
| Benzene | ND | 0.0250 | 1 | 02/17/23 | 02/21/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/17/23 | 02/21/23 | |
| Toluene | ND | 0.0250 | 1 | 02/17/23 | 02/21/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/17/23 | 02/21/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/17/23 | 02/21/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/17/23 | 02/21/23 | |
| Surrogate: 4-Bromochlorobenzene-PID | 98.4 % | 70-130 | | 02/17/23 | 02/21/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: SL | | Batch: 2307051 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/17/23 | 02/21/23 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 84.1 % | 70-130 | | 02/17/23 | 02/21/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: KM | | Batch: 2307041 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/17/23 | 02/18/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/17/23 | 02/18/23 | |
| Surrogate: n-Nonane | 103 % | 50-200 | | 02/17/23 | 02/18/23 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: KL | | Batch: 2307048 | |
| Chloride | 161 | 20.0 | 1 | 02/17/23 | 02/17/23 | |



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:
2/21/2023 3:20:44PM

S3 4'

E302081-13

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2307051 |
| Benzene | ND | 0.0250 | 1 | 02/17/23 | 02/21/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/17/23 | 02/21/23 | |
| Toluene | ND | 0.0250 | 1 | 02/17/23 | 02/21/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/17/23 | 02/21/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/17/23 | 02/21/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/17/23 | 02/21/23 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | 96.1 % | 70-130 | | 02/17/23 | 02/21/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2307051 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/17/23 | 02/21/23 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | 89.0 % | 70-130 | | 02/17/23 | 02/21/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: KM | | Batch: 2307041 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/17/23 | 02/18/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/17/23 | 02/18/23 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | 103 % | 50-200 | | 02/17/23 | 02/18/23 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: KL | | Batch: 2307048 |
| Chloride | 149 | 20.0 | 1 | 02/17/23 | 02/17/23 | |



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:
2/21/2023 3:20:44PM

S4 4'

E302081-14

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2307051 |
| Benzene | ND | 0.0250 | 1 | 02/17/23 | 02/21/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/17/23 | 02/21/23 | |
| Toluene | ND | 0.0250 | 1 | 02/17/23 | 02/21/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/17/23 | 02/21/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/17/23 | 02/21/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/17/23 | 02/21/23 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | 98.3 % | 70-130 | | 02/17/23 | 02/21/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2307051 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/17/23 | 02/21/23 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | 88.5 % | 70-130 | | 02/17/23 | 02/21/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: KM | | Batch: 2307041 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/17/23 | 02/18/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/17/23 | 02/18/23 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | 102 % | 50-200 | | 02/17/23 | 02/18/23 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: KL | | Batch: 2307048 |
| Chloride | 150 | 20.0 | 1 | 02/17/23 | 02/17/23 | |



Sample Data

| | | | |
|--------------------------------------|------------------|-------------------|---|
| Pima Environmental Services-Carlsbad | Project Name: | Ore Ida 14 Fed 10 | Reported: 2/21/2023 3:20:44PM |
| PO Box 247 | Project Number: | 01058-0007 | |
| Plains TX, 79355-0247 | Project Manager: | Tom Bynum | |

S5 4'

E302081-15

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analyst: SL | | Batch: 2307051 | |
| Benzene | ND | 0.0250 | 1 | 02/17/23 | 02/21/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/17/23 | 02/21/23 | |
| Toluene | ND | 0.0250 | 1 | 02/17/23 | 02/21/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/17/23 | 02/21/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/17/23 | 02/21/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/17/23 | 02/21/23 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | 97.7 % | 70-130 | | 02/17/23 | 02/21/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: SL | | Batch: 2307051 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/17/23 | 02/21/23 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | 86.8 % | 70-130 | | 02/17/23 | 02/21/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: KM | | Batch: 2307041 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/17/23 | 02/18/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/17/23 | 02/18/23 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | 100 % | 50-200 | | 02/17/23 | 02/18/23 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: KL | | Batch: 2307048 | |
| Chloride | 195 | 20.0 | 1 | 02/17/23 | 02/17/23 | |



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:
2/21/2023 3:20:44PM

S6 4'

E302081-16

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2307051 |
| Benzene | ND | 0.0250 | 1 | 02/17/23 | 02/21/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/17/23 | 02/21/23 | |
| Toluene | ND | 0.0250 | 1 | 02/17/23 | 02/21/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/17/23 | 02/21/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/17/23 | 02/21/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/17/23 | 02/21/23 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | 97.6 % | 70-130 | | 02/17/23 | 02/21/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2307051 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/17/23 | 02/21/23 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | 89.0 % | 70-130 | | 02/17/23 | 02/21/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: KM | | Batch: 2307041 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/17/23 | 02/18/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/17/23 | 02/18/23 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | 101 % | 50-200 | | 02/17/23 | 02/18/23 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: KL | | Batch: 2307048 |
| Chloride | 170 | 20.0 | 1 | 02/17/23 | 02/17/23 | |



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:
2/21/2023 3:20:44PM

S1 5'

E302081-17

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | Analyst: SL | | Batch: 2307051 | |
| Benzene | ND | 0.0250 | 1 | 02/17/23 | 02/21/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/17/23 | 02/21/23 | |
| Toluene | ND | 0.0250 | 1 | 02/17/23 | 02/21/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/17/23 | 02/21/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/17/23 | 02/21/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/17/23 | 02/21/23 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | 98.2 % | 70-130 | | 02/17/23 | 02/21/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | Analyst: SL | | Batch: 2307051 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/17/23 | 02/21/23 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | 90.0 % | 70-130 | | 02/17/23 | 02/21/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | Analyst: KM | | Batch: 2307041 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/17/23 | 02/18/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/17/23 | 02/18/23 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | 103 % | 50-200 | | 02/17/23 | 02/18/23 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | Analyst: KL | | Batch: 2307048 | |
| Chloride | ND | 20.0 | 1 | 02/17/23 | 02/17/23 | |



Sample Data

| | | | |
|--------------------------------------|------------------|-------------------|---|
| Pima Environmental Services-Carlsbad | Project Name: | Ore Ida 14 Fed 10 | Reported: 2/21/2023 3:20:44PM |
| PO Box 247 | Project Number: | 01058-0007 | |
| Plains TX, 79355-0247 | Project Manager: | Tom Bynum | |

S2 5'

E302081-18

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analyst: SL | | Batch: 2307051 | |
| Benzene | ND | 0.0250 | 1 | 02/17/23 | 02/21/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/17/23 | 02/21/23 | |
| Toluene | ND | 0.0250 | 1 | 02/17/23 | 02/21/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/17/23 | 02/21/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/17/23 | 02/21/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/17/23 | 02/21/23 | |
| Surrogate: 4-Bromochlorobenzene-PID | 97.5 % | 70-130 | | 02/17/23 | 02/21/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: SL | | Batch: 2307051 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/17/23 | 02/21/23 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 88.0 % | 70-130 | | 02/17/23 | 02/21/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: KM | | Batch: 2307041 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/17/23 | 02/18/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/17/23 | 02/18/23 | |
| Surrogate: n-Nonane | 101 % | 50-200 | | 02/17/23 | 02/18/23 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: KL | | Batch: 2307048 | |
| Chloride | ND | 20.0 | 1 | 02/17/23 | 02/17/23 | |



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:
2/21/2023 3:20:44PM

S3 5'

E302081-19

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2307051 |
| Benzene | ND | 0.0250 | 1 | 02/17/23 | 02/21/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/17/23 | 02/21/23 | |
| Toluene | ND | 0.0250 | 1 | 02/17/23 | 02/21/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/17/23 | 02/21/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/17/23 | 02/21/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/17/23 | 02/21/23 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | 97.4 % | 70-130 | | 02/17/23 | 02/21/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2307051 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/17/23 | 02/21/23 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | 88.4 % | 70-130 | | 02/17/23 | 02/21/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: KM | | Batch: 2307041 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/17/23 | 02/18/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/17/23 | 02/18/23 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | 99.1 % | 50-200 | | 02/17/23 | 02/18/23 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: KL | | Batch: 2307048 |
| Chloride | ND | 20.0 | 1 | 02/17/23 | 02/17/23 | |



Sample Data

| | | | |
|--------------------------------------|------------------|-------------------|---|
| Pima Environmental Services-Carlsbad | Project Name: | Ore Ida 14 Fed 10 | Reported: 2/21/2023 3:20:44PM |
| PO Box 247 | Project Number: | 01058-0007 | |
| Plains TX, 79355-0247 | Project Manager: | Tom Bynum | |

S4 5'

E302081-20

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analyst: SL | | Batch: 2307051 | |
| Benzene | ND | 0.0250 | 1 | 02/17/23 | 02/21/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/17/23 | 02/21/23 | |
| Toluene | ND | 0.0250 | 1 | 02/17/23 | 02/21/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/17/23 | 02/21/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/17/23 | 02/21/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/17/23 | 02/21/23 | |
| Surrogate: 4-Bromochlorobenzene-PID | 96.3 % | 70-130 | | 02/17/23 | 02/21/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: SL | | Batch: 2307051 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/17/23 | 02/21/23 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 89.5 % | 70-130 | | 02/17/23 | 02/21/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: KM | | Batch: 2307041 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/17/23 | 02/17/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/17/23 | 02/17/23 | |
| Surrogate: n-Nonane | 98.7 % | 50-200 | | 02/17/23 | 02/17/23 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: KL | | Batch: 2307048 | |
| Chloride | ND | 20.0 | 1 | 02/17/23 | 02/17/23 | |



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:
2/21/2023 3:20:44PM

S5 5'

E302081-21

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2307044 |
| Benzene | ND | 0.0250 | 1 | 02/17/23 | 02/18/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/17/23 | 02/18/23 | |
| Toluene | ND | 0.0250 | 1 | 02/17/23 | 02/18/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/17/23 | 02/18/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/17/23 | 02/18/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/17/23 | 02/18/23 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | 99.3 % | 70-130 | | 02/17/23 | 02/18/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2307044 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/17/23 | 02/18/23 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | 85.5 % | 70-130 | | 02/17/23 | 02/18/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: KM | | Batch: 2307042 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/17/23 | 02/18/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/17/23 | 02/18/23 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | 104 % | 50-200 | | 02/17/23 | 02/18/23 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: KL | | Batch: 2307047 |
| Chloride | ND | 20.0 | 1 | 02/17/23 | 02/17/23 | |



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:
2/21/2023 3:20:44PM

S6 5'

E302081-22

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2307044 |
| Benzene | ND | 0.0250 | 1 | 02/17/23 | 02/18/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/17/23 | 02/18/23 | |
| Toluene | ND | 0.0250 | 1 | 02/17/23 | 02/18/23 | |
| o-Xylene | ND | 0.0250 | 1 | 02/17/23 | 02/18/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/17/23 | 02/18/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/17/23 | 02/18/23 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | 99.7 % | 70-130 | | 02/17/23 | 02/18/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2307044 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/17/23 | 02/18/23 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | 86.1 % | 70-130 | | 02/17/23 | 02/18/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: KM | | Batch: 2307042 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/17/23 | 02/18/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/17/23 | 02/18/23 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | 107 % | 50-200 | | 02/17/23 | 02/18/23 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: KL | | Batch: 2307047 |
| Chloride | ND | 20.0 | 1 | 02/17/23 | 02/17/23 | |



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 | 2/21/2023 3:20:44PM |

Volatile Organics by EPA 8021B

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 (2307044-BLK1)

Prepared: 02/17/23 Analyzed: 02/17/23

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene | ND | 0.0250 | | | | | | | |
| Ethylbenzene | ND | 0.0250 | | | | | | | |
| Toluene | ND | 0.0250 | | | | | | | |
| o-Xylene | ND | 0.0250 | | | | | | | |
| p,m-Xylene | ND | 0.0500 | | | | | | | |
| Total Xylenes | ND | 0.0250 | | | | | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 7.78 | | 8.00 | | 97.2 | 70-130 | | | |

LCS (2307044-BS1)

Prepared: 02/17/23 Analyzed: 02/17/23

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene | 4.50 | 0.0250 | 5.00 | | 90.0 | 70-130 | | | |
| Ethylbenzene | 4.63 | 0.0250 | 5.00 | | 92.5 | 70-130 | | | |
| Toluene | 4.72 | 0.0250 | 5.00 | | 94.3 | 70-130 | | | |
| o-Xylene | 4.74 | 0.0250 | 5.00 | | 94.8 | 70-130 | | | |
| p,m-Xylene | 9.40 | 0.0500 | 10.0 | | 94.0 | 70-130 | | | |
| Total Xylenes | 14.1 | 0.0250 | 15.0 | | 94.2 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 7.82 | | 8.00 | | 97.7 | 70-130 | | | |

Matrix Spike (2307044-MS1)

Source: E302078-02

Prepared: 02/17/23 Analyzed: 02/17/23

| | | | | | | | | | |
|-------------------------------------|------|--------|------|----|------|--------|--|--|--|
| Benzene | 5.03 | 0.0250 | 5.00 | ND | 101 | 54-133 | | | |
| Ethylbenzene | 5.16 | 0.0250 | 5.00 | ND | 103 | 61-133 | | | |
| Toluene | 5.26 | 0.0250 | 5.00 | ND | 105 | 61-130 | | | |
| o-Xylene | 5.30 | 0.0250 | 5.00 | ND | 106 | 63-131 | | | |
| p,m-Xylene | 10.5 | 0.0500 | 10.0 | ND | 105 | 63-131 | | | |
| Total Xylenes | 15.8 | 0.0250 | 15.0 | ND | 105 | 63-131 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 7.99 | | 8.00 | | 99.9 | 70-130 | | | |

Matrix Spike Dup (2307044-MSD1)

Source: E302078-02

Prepared: 02/17/23 Analyzed: 02/17/23

| | | | | | | | | | |
|-------------------------------------|------|--------|------|----|-----|--------|---------|----|--|
| Benzene | 5.01 | 0.0250 | 5.00 | ND | 100 | 54-133 | 0.373 | 20 | |
| Ethylbenzene | 5.16 | 0.0250 | 5.00 | ND | 103 | 61-133 | 0.126 | 20 | |
| Toluene | 5.26 | 0.0250 | 5.00 | ND | 105 | 61-130 | 0.0285 | 20 | |
| o-Xylene | 5.30 | 0.0250 | 5.00 | ND | 106 | 63-131 | 0.00188 | 20 | |
| p,m-Xylene | 10.5 | 0.0500 | 10.0 | ND | 105 | 63-131 | 0.210 | 20 | |
| Total Xylenes | 15.8 | 0.0250 | 15.0 | ND | 105 | 63-131 | 0.140 | 20 | |
| Surrogate: 4-Bromochlorobenzene-PID | 8.09 | | 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 | 2/21/2023 3:20:44PM |

Volatile Organics by EPA 8021B

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 (2307051-BLK1)Prepared: 02/17/23 Analyzed: 02/20/23

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|-----|--------|--|--|--|
| 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 | 8.29 | | 8.00 | | 104 | 70-130 | | | |

LCS (2307051-BS1)Prepared: 02/17/23 Analyzed: 02/21/23

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene | 5.01 | 0.0250 | 5.00 | | 100 | 70-130 | | | |
| Ethylbenzene | 4.94 | 0.0250 | 5.00 | | 98.9 | 70-130 | | | |
| Toluene | 5.10 | 0.0250 | 5.00 | | 102 | 70-130 | | | |
| o-Xylene | 5.08 | 0.0250 | 5.00 | | 102 | 70-130 | | | |
| p,m-Xylene | 10.0 | 0.0500 | 10.0 | | 100 | 70-130 | | | |
| Total Xylenes | 15.1 | 0.0250 | 15.0 | | 101 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 8.20 | | 8.00 | | 102 | 70-130 | | | |

Matrix Spike (2307051-MS1)Source: E302081-02Prepared: 02/17/23 Analyzed: 02/21/23

| | | | | | | | | | |
|-------------------------------------|------|--------|------|----|-----|--------|--|--|--|
| Benzene | 5.30 | 0.0250 | 5.00 | ND | 106 | 54-133 | | | |
| Ethylbenzene | 5.28 | 0.0250 | 5.00 | ND | 106 | 61-133 | | | |
| Toluene | 5.42 | 0.0250 | 5.00 | ND | 108 | 61-130 | | | |
| o-Xylene | 5.42 | 0.0250 | 5.00 | ND | 108 | 63-131 | | | |
| p,m-Xylene | 10.7 | 0.0500 | 10.0 | ND | 107 | 63-131 | | | |
| Total Xylenes | 16.1 | 0.0250 | 15.0 | ND | 108 | 63-131 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 8.25 | | 8.00 | | 103 | 70-130 | | | |

Matrix Spike Dup (2307051-MSD1)Source: E302081-02Prepared: 02/17/23 Analyzed: 02/20/23

| | | | | | | | | | |
|-------------------------------------|------|--------|------|----|------|--------|------|----|--|
| Benzene | 4.49 | 0.0250 | 5.00 | ND | 89.8 | 54-133 | 16.5 | 20 | |
| Ethylbenzene | 4.73 | 0.0250 | 5.00 | ND | 94.5 | 61-133 | 11.2 | 20 | |
| Toluene | 4.78 | 0.0250 | 5.00 | ND | 95.7 | 61-130 | 12.5 | 20 | |
| o-Xylene | 4.86 | 0.0250 | 5.00 | ND | 97.2 | 63-131 | 10.8 | 20 | |
| p,m-Xylene | 9.60 | 0.0500 | 10.0 | ND | 96.0 | 63-131 | 11.0 | 20 | |
| Total Xylenes | 14.5 | 0.0250 | 15.0 | ND | 96.4 | 63-131 | 10.9 | 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 | 2/21/2023 3:20:44PM |

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 (2307044-BLK1) Prepared: 02/17/23 Analyzed: 02/17/23

| | | | | | | | | | |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.16 | | 8.00 | | 89.5 | 70-130 | | | |

LCS (2307044-BS2) Prepared: 02/17/23 Analyzed: 02/17/23

| | | | | | | | | | |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 47.8 | 20.0 | 50.0 | | 95.6 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.25 | | 8.00 | | 90.6 | 70-130 | | | |

Matrix Spike (2307044-MS2) Source: E302078-02 Prepared: 02/17/23 Analyzed: 02/17/23

| | | | | | | | | | |
|---|------|------|------|----|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 47.0 | 20.0 | 50.0 | ND | 94.1 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.20 | | 8.00 | | 90.0 | 70-130 | | | |

Matrix Spike Dup (2307044-MSD2) Source: E302078-02 Prepared: 02/17/23 Analyzed: 02/17/23

| | | | | | | | | | |
|---|------|------|------|----|------|--------|------|----|--|
| Gasoline Range Organics (C6-C10) | 48.1 | 20.0 | 50.0 | ND | 96.2 | 70-130 | 2.21 | 20 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.19 | | 8.00 | | 89.8 | 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 | 2/21/2023 3:20:44PM |

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 (2307051-BLK1) Prepared: 02/17/23 Analyzed: 02/20/23

| | | | | | | | | | |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 6.89 | | 8.00 | | 86.1 | 70-130 | | | |

LCS (2307051-BS2) Prepared: 02/17/23 Analyzed: 02/20/23

| | | | | | | | | | |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 42.4 | 20.0 | 50.0 | | 84.9 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 6.90 | | 8.00 | | 86.3 | 70-130 | | | |

Matrix Spike (2307051-MS2) Source: E302081-02 Prepared: 02/17/23 Analyzed: 02/20/23

| | | | | | | | | | |
|---|------|------|------|----|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 44.5 | 20.0 | 50.0 | ND | 88.9 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.07 | | 8.00 | | 88.3 | 70-130 | | | |

Matrix Spike Dup (2307051-MSD2) Source: E302081-02 Prepared: 02/17/23 Analyzed: 02/20/23

| | | | | | | | | | |
|---|------|------|------|----|------|--------|-------|----|--|
| Gasoline Range Organics (C6-C10) | 44.5 | 20.0 | 50.0 | ND | 89.1 | 70-130 | 0.172 | 20 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 6.92 | | 8.00 | | 86.5 | 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 | 2/21/2023 3:20:44PM |

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 (2307041-BLK1) | | | | | Prepared: 02/17/23 Analyzed: 02/17/23 | | | | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| Surrogate: n-Nonane | 51.9 | | 50.0 | | 104 | 50-200 | | | |

| | | | | | | | | | |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| LCS (2307041-BS1) | | | | | Prepared: 02/17/23 Analyzed: 02/17/23 | | | | |
| Diesel Range Organics (C10-C28) | 195 | 25.0 | 250 | | 77.8 | 38-132 | | | |
| Surrogate: n-Nonane | 50.6 | | 50.0 | | 101 | 50-200 | | | |

| | | | | | | | | | |
|---------------------------------|------|------|------|----|--------------------|--------|---------------------------------------|--|--|
| Matrix Spike (2307041-MS1) | | | | | Source: E302081-20 | | Prepared: 02/17/23 Analyzed: 02/17/23 | | |
| Diesel Range Organics (C10-C28) | 198 | 25.0 | 250 | ND | 79.3 | 38-132 | | | |
| Surrogate: n-Nonane | 49.9 | | 50.0 | | 99.8 | 50-200 | | | |

| | | | | | | | | | |
|---------------------------------|------|------|------|----|--------------------|--------|---------------------------------------|----|--|
| Matrix Spike Dup (2307041-MSD1) | | | | | Source: E302081-20 | | Prepared: 02/17/23 Analyzed: 02/17/23 | | |
| Diesel Range Organics (C10-C28) | 196 | 25.0 | 250 | ND | 78.4 | 38-132 | 1.02 | 20 | |
| Surrogate: n-Nonane | 49.7 | | 50.0 | | 99.4 | 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 | 2/21/2023 3:20:44PM |

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 (2307042-BLK1) | | | | | Prepared: 02/17/23 Analyzed: 02/17/23 | | | | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| Surrogate: n-Nonane | 51.8 | | 50.0 | | 104 | 50-200 | | | |

| | | | | | | | | | |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| LCS (2307042-BS1) | | | | | Prepared: 02/17/23 Analyzed: 02/17/23 | | | | |
| Diesel Range Organics (C10-C28) | 213 | 25.0 | 250 | | 85.2 | 38-132 | | | |
| Surrogate: n-Nonane | 49.5 | | 50.0 | | 99.1 | 50-200 | | | |

| | | | | | | | | | |
|---------------------------------|------|------|------|----|--------------------|--------|---------------------------------------|--|--|
| Matrix Spike (2307042-MS1) | | | | | Source: E302078-10 | | Prepared: 02/17/23 Analyzed: 02/17/23 | | |
| Diesel Range Organics (C10-C28) | 224 | 25.0 | 250 | ND | 89.7 | 38-132 | | | |
| Surrogate: n-Nonane | 49.8 | | 50.0 | | 99.6 | 50-200 | | | |

| | | | | | | | | | |
|---------------------------------|------|------|------|----|--------------------|--------|---------------------------------------|----|--|
| Matrix Spike Dup (2307042-MSD1) | | | | | Source: E302078-10 | | Prepared: 02/17/23 Analyzed: 02/17/23 | | |
| Diesel Range Organics (C10-C28) | 237 | 25.0 | 250 | ND | 94.8 | 38-132 | 5.62 | 20 | |
| Surrogate: n-Nonane | 49.8 | | 50.0 | | 99.6 | 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 | 2/21/2023 3:20:44PM |

Anions by EPA 300.0/9056A

Analyst: KL

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

| | | | | | | | | | |
|---------------------------------|-----|------|-----|----|---------------------------------------|--------|---------------------------------------|----|--|
| Blank (2307047-BLK1) | | | | | Prepared: 02/17/23 Analyzed: 02/17/23 | | | | |
| Chloride | ND | 20.0 | | | | | | | |
| LCS (2307047-BS1) | | | | | Prepared: 02/17/23 Analyzed: 02/17/23 | | | | |
| Chloride | 251 | 20.0 | 250 | | 100 | 90-110 | | | |
| Matrix Spike (2307047-MS1) | | | | | Source: E302078-01 | | Prepared: 02/17/23 Analyzed: 02/17/23 | | |
| Chloride | 251 | 20.0 | 250 | ND | 100 | 80-120 | | | |
| Matrix Spike Dup (2307047-MSD1) | | | | | Source: E302078-01 | | Prepared: 02/17/23 Analyzed: 02/17/23 | | |
| Chloride | 254 | 20.0 | 250 | ND | 101 | 80-120 | 0.996 | 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 | 2/21/2023 3:20:44PM |

Anions by EPA 300.0/9056A

Analyst: KL

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

| | | | | | | | | | |
|---------------------------------|-----|------|-----|----|---------------------------------------|--------|---------------------------------------|----|--|
| Blank (2307048-BLK1) | | | | | Prepared: 02/17/23 Analyzed: 02/17/23 | | | | |
| Chloride | ND | 20.0 | | | | | | | |
| LCS (2307048-BS1) | | | | | Prepared: 02/17/23 Analyzed: 02/17/23 | | | | |
| Chloride | 252 | 20.0 | 250 | | 101 | 90-110 | | | |
| Matrix Spike (2307048-MS1) | | | | | Source: E302081-01 | | Prepared: 02/17/23 Analyzed: 02/17/23 | | |
| Chloride | 252 | 20.0 | 250 | ND | 101 | 80-120 | | | |
| Matrix Spike Dup (2307048-MSD1) | | | | | Source: E302081-01 | | Prepared: 02/17/23 Analyzed: 02/17/23 | | |
| Chloride | 250 | 20.0 | 250 | ND | 100 | 80-120 | 0.478 | 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 | 02/21/23 15:20 |

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

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

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



Project Information

Chain of Custody

Page 1 of 3

| | | | | | | | | | | | | | | | | | | | | |
|---|--------------|---------|-------------------|--------------------------|--|-----------------|-----------------|---|-------------|--|----------------|----------|----------|---------|-----------------------------------|--|--|--|---------------------------------|--|
| Client: Pima Environmental Services Project: <u>Ore Ida 14 Fed 10</u> Project Manager: Tom Bynum Address: 5614 N. Lovington Hwy. City, State, Zip: Hobbs, NM, 88240 Phone: 580-748-1613 Email: tom@pimaoil.com Report due by: | | | | | Bill To Attention: <u>Devon Energy</u> Address: City, State, Zip Phone: Email: Pima Project # <u>1-241</u> | | | | | Lab Use Only Lab WO# <u>E302081</u> Job Number <u>0058-007</u> Analysis and Method | | | | | TAT 1D 2D 3D Standard <u>X</u> | | | | EPA Program CWA SDWA RCRA | |
| | | | | | | | | | | State NM CO UT AZ TX <u>X</u> | | | | | | | | | | |
| 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 | | | | | | |
| 8:00 | 2/15/23 | S | 1 | BG-1 | 1 | | | | | | | X | | | | | | | | |
| 8:05 | | | | SW-1 | 2 | | | | | | | | | | | | | | | |
| 8:10 | | | | SW-2 | 3 | | | | | | | | | | | | | | | |
| 8:15 | | | | SW-3 | 4 | | | | | | | | | | | | | | | |
| 8:20 | | | | SI 1' | 5 | | | | | | | | | | | | | | | |
| 8:25 | | | | SI 1' | 6 | | | | | | | | | | | | | | | |
| 8:30 | | | | SI 1' | 7 | | | | | | | | | | | | | | | |
| 8:35 | | | | SI 1' | 8 | | | | | | | | | | | | | | | |
| 8:40 | | | | SI 1' | 9 | | | | | | | | | | | | | | | |
| 8:45 | | | | SI 1' | 10 | | | | | | | | | | | | | | | |
| Additional Instructions: <u>Bill To Devon Energy: #</u> | | | | | | | | | | | | | | | | | | | | |
| I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. | | | | | | | | | | | | | | | | | | | | |
| Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days. | | | | | | | | | | | | | | | | | | | | |
| Relinquished by: (Signature) | | Date | Time | Received by: (Signature) | | Date | Time | Lab Use Only Received on ice: <u>Y</u> / N | | | | | | | | | | | | |
| <u>Red Rogers</u> | | 2-16-23 | 2:00 | <u>Nichelle Gonzales</u> | | 2-16-23 | 1400 | | | | | | | | | | | | | |
| Relinquished by: (Signature) | | Date | Time | Received by: (Signature) | | Date | Time | T1 T2 T3 T1 T2 T3 | | | | | | | | | | | | |
| <u>Nichelle Gonzales</u> | | 2-16-23 | 1700 | <u>Doreen Lee</u> | | 2-16-23 | 1700 | | | | | | | | | | | | | |
| Relinquished by: (Signature) | | Date | Time | Received by: (Signature) | | Date | Time | AVG Temp °C <u>4</u> | | | | | | | | | | | | |
| <u>Doreen Lee</u> | | 2-16-23 | 2230 | <u>Carth Chh</u> | | 2/17/23 | 8:15 | | | | | | | | | | | | | |
| Sample Matrix: <u>S</u> - Soil, <u>d</u> - Solid, <u>Sg</u> - Sludge, <u>A</u> - Aqueous, <u>O</u> - Other | | | | | | | | | | | | | | | | | | | | |
| Container Type: <u>g</u> - glass, <u>p</u> - poly/plastic, <u>ag</u> - amber glass, <u>v</u> - VOA | | | | | | | | | | | | | | | | | | | | |
| Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report. | | | | | | | | | | | | | | | | | | | | |


envirotech

Project Information

Chain of Custody

Page 2 of 3

| | | | | | | | | | | | | | | | | | | | | |
|---|--------------|--------|-------------------|-----------|---|-----------------|-----------------|--------------|-------------|---|----------------|----------|----------|---------|-----------------------------------|--|--|--|---------------------------------|--|
| Client: Pima Environmental Services Project: <u>Ore Ida 14 Fed ID</u> Project Manager: Tom Bynum Address: 5614 N. Lovington Hwy. City, State, Zip: Hobbs, NM, 88240 Phone: 580-748-1613 Email: tom@pimaoil.com Report due by: | | | | | Bill To Attention: <u>Devon Energy</u> Address: City, State, Zip: Phone: Email: Pima Project # <u>1-241</u> | | | | | Lab Use Only Lab WO# <u>E 302081</u> Job Number <u>01058-0007</u> Analysis and Method | | | | | TAT 1D 2D 3D Standard <u>X</u> | | | | EPA Program CWA SDWA RCRA | |
| | | | | | | | | | | State NM CO UT AZ TX <u>X</u> | | | | Remarks | | | | | | |
| Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID | Lab Number | DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM | BGDOC TX | | | | | | | |
| 8:50 | 2/15/23 | S | 1 | S1 4' | 11 | | | | | | | X | | | | | | | | |
| 8:55 | | | | S2 4' | 12 | | | | | | | | | | | | | | | |
| 9:00 | | | | S3 4' | 13 | | | | | | | | | | | | | | | |
| 9:05 | | | | S4 4' | 14 | | | | | | | | | | | | | | | |
| 9:10 | | | | S5 4' | 15 | | | | | | | | | | | | | | | |
| 9:15 | | | | S6 4' | 16 | | | | | | | | | | | | | | | |
| 9:20 | | | | S1 5' | 17 | | | | | | | | | | | | | | | |
| 9:25 | | | | S2 5' | 18 | | | | | | | | | | | | | | | |
| 9:30 | | | | S3 5' | 19 | | | | | | | | | | | | | | | |
| 9:35 | | | | S4 5' | 20 | | | | | | | | | | | | | | | |
| Additional Instructions: <u>Bill To Devon Energy</u> | | | | | | | | | | | | | | | | | | | | |
| I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. | | | | | | | | | | | | | | | | | | | | |
| Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days. | | | | | | | | | | | | | | | | | | | | |
| Relinquished by: (Signature) <u>[Signature]</u> Date <u>2-16-23</u> Time <u>2:00</u> Received by: (Signature) <u>[Signature]</u> Date <u>2-16-23</u> Time <u>1400</u> | | | | | | | | | | | | | | | | | | | | |
| Relinquished by: (Signature) <u>[Signature]</u> Date <u>2-16-23</u> Time <u>1700</u> Received by: (Signature) <u>[Signature]</u> Date <u>2-16-23</u> Time <u>1700</u> | | | | | | | | | | | | | | | | | | | | |
| Relinquished by: (Signature) <u>[Signature]</u> Date <u>2-16-23</u> Time <u>2230</u> Received by: (Signature) <u>[Signature]</u> Date <u>2/17/23</u> Time <u>8:15</u> | | | | | | | | | | | | | | | | | | | | |
| Sample Matrix: <u>S</u> - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other | | | | | | | | | | | | | | | | | | | | |
| Container Type: <u>g</u> - glass, p - poly/plastic, ag - amber glass, v - VOA | | | | | | | | | | | | | | | | | | | | |
| Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report. | | | | | | | | | | | | | | | | | | | | |



Page 39 of 40

Envirotech Analytical Laboratory

Printed: 2/17/2023 9:18:02AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

| | | | | | |
|---------|--------------------------------------|-----------------|----------------------------|----------------|----------------|
| Client: | Pima Environmental Services-Carlsbad | Date Received: | 02/17/23 08:15 | Work Order ID: | E302081 |
| Phone: | (575) 631-6977 | Date Logged In: | 02/16/23 15:24 | Logged In By: | Alexa Michaels |
| Email: | tom@pimaoil.com | Due Date: | 02/23/23 07:00 (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? Yes

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

July 25, 2024

GIO GOMEZ

PIMA ENVIROMENTAL

1601 N TURNER STE. 500

HOBBS, NM 88240

RE: ORE IDA 14 FEDERAL #10

Enclosed are the results of analyses for samples received by the laboratory on 07/24/24 14:42.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

| | |
|------------------|------------------------------|
| Method EPA 552.2 | Haloacetic Acids (HAA-5) |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3) |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
GIO GOMEZ
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 07/24/2024
Reported: 07/25/2024
Project Name: ORE IDA 14 FEDERAL #10
Project Number: 1-241-2
Project Location: DEVON

Sampling Date: 07/18/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: CS 1 - 2' COMP. (H244401-01)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 07/24/2024 | ND | 2.12 | 106 | 2.00 | 7.15 | |
| Toluene* | <0.050 | 0.050 | 07/24/2024 | ND | 2.22 | 111 | 2.00 | 7.34 | |
| Ethylbenzene* | <0.050 | 0.050 | 07/24/2024 | ND | 2.29 | 115 | 2.00 | 7.40 | |
| Total Xylenes* | <0.150 | 0.150 | 07/24/2024 | ND | 6.95 | 116 | 6.00 | 6.81 | |
| Total BTEX | <0.300 | 0.300 | 07/24/2024 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 2360 | 16.0 | 07/25/2024 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/24/2024 | ND | 205 | 103 | 200 | 3.05 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/24/2024 | ND | 205 | 102 | 200 | 5.03 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/24/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
GIO GOMEZ
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 07/24/2024
Reported: 07/25/2024
Project Name: ORE IDA 14 FEDERAL #10
Project Number: 1-241-2
Project Location: DEVON

Sampling Date: 07/18/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: CSW 1 - 2' COMP. (H244401-02)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 07/24/2024 | ND | 2.12 | 106 | 2.00 | 7.15 | | |
| Toluene* | <0.050 | 0.050 | 07/24/2024 | ND | 2.22 | 111 | 2.00 | 7.34 | | |
| Ethylbenzene* | <0.050 | 0.050 | 07/24/2024 | ND | 2.29 | 115 | 2.00 | 7.40 | | |
| Total Xylenes* | <0.150 | 0.150 | 07/24/2024 | ND | 6.95 | 116 | 6.00 | 6.81 | | |
| Total BTEx | <0.300 | 0.300 | 07/24/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 2400 | 16.0 | 07/25/2024 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 07/24/2024 | ND | 205 | 103 | 200 | 3.05 | |
| DRO >C10-C28* | <10.0 | 10.0 | 07/24/2024 | ND | 205 | 102 | 200 | 5.03 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 07/24/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

A handwritten signature in black ink, appearing to read "C. D. Keene".

Celey D. Keene, Lab Director/Quality Manager



CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|--------------|-------------|-----------------------|----------|----------|--------|--|------------|------------|--------|-------------|--------------|----------|----------|----------|--|--|--|--|--|--|--|--|--|--|--|--|
| Company Name: Pima Environmental Services | | | | BILL TO | | | | ANALYSIS REQUEST | | | | | | | | | | | | | | | | | | | | |
| Project Manager: Gio Gomez | | | | P.O. #: | | | | <div style="display: flex; flex-direction: column; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTEX</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPH</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Chlorides</div> </div> | | | | | | | | | | | | | | | | | | | | |
| Address: 5614 N. Lovington Hwy | | | | Company: <u>Devon</u> | | | | | | | | | | | | | | | | | | | | | | | | |
| City: Hobbs State: NM Zip: 88240 | | | | Attn: | | | | | | | | | | | | | | | | | | | | | | | | |
| Phone #: 575-964-7740 Fax #: | | | | Address: | | | | | | | | | | | | | | | | | | | | | | | | |
| Project #: <u>1-241-2</u> Project Owner: <u>Devon</u> | | | | City: | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Name: <u>Ore Ida 14 Federal 1 #10</u> | | | | State: Zip: | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Location: | | | | Phone #: | | | | | | | | | | | | | | | | | | | | | | | | |
| Sampler Name: | | | | Fax #: | | | | | | | | | | | | | | | | | | | | | | | | |
| FOR LAB USE ONLY | | | | MATRIX | | PRESERV. | | SAMPLING | | | | | | | | | | | | | | | | | | | | |
| Lab I.D. | Sample I.D. | # CONTAINERS | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER: | ACID/BASE: | ICE / COOL | OTHER: | DATE | TIME | | | | | | | | | | | | | | | |
| <u>H2U4401</u> | <u>CS1-2' Comp.</u> <u>CSW1-2' Comp.</u> | <u>1-0</u> | | | <u>X</u> | | | | <u>X</u> | <u>X</u> | | <u>7/18</u> | <u>10:30</u> | <u>X</u> | <u>X</u> | <u>X</u> | | | | | | | | | | | | |
| <u>2</u> | | | | | | | | | | | | <u>1</u> | <u>10:35</u> | <u>1</u> | <u>1</u> | <u>1</u> | | | | | | | | | | | | |

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

| | | | | | | |
|------------------------------|----------------|------------------|---------------------------|-----|----|----------------|
| Relinquished By: | Date: | Received By: | Phone Result: | Yes | No | Add'l Phone #: |
| <u>Karine Adame</u> | <u>7-24-24</u> | <u>Adame</u> | Fax Result: | Yes | No | Add'l Fax #: |
| Relinquished By: | Time: | Received By: | REMARKS: | | | |
| | <u>1042</u> | | <u>Billing # 21132941</u> | | | |
| Delivered By: (Circle One) | Date: | Sample Condition | <u>Rush 24hrs</u> | | | |
| Sampler - UPS - Bus - Other: | Time: | Cool Intact | <u>lab@pimaoil.com</u> | | | |
| | <u>1:20</u> | Yes No | <u>Tom@pimaoil.com</u> | | | |
| | <u>140</u> | Yes No | | | | |
| | | CHECKED BY: | | | | |
| | | (Initials) | | | | |
| | | <u>JP</u> | | | | |

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 369313

QUESTIONS

| | | |
|---|----------------|---|
| Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102 | OGRID: | 6137 |
| | Action Number: | 369313 |
| | Action Type: | [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |
| | | |

QUESTIONS

| | |
|------------------|--|
| Prerequisites | |
| Incident ID (n#) | nAB1815955393 |
| Incident Name | NAB1815955393 ORE IDA 14 FEDERAL #010 @ 30-015-29290 |
| Incident Type | Produced Water Release |
| Incident Status | Remediation Closure Report Received |
| Incident Well | [30-015-29290] ORE IDA 14 FEDERAL #010 |

| | |
|--|-------------------------|
| Location of Release Source | |
| Please answer all the questions in this group. | |
| Site Name | ORE IDA 14 FEDERAL #010 |
| Date Release Discovered | 05/22/2018 |
| Surface Owner | Federal |

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

| | |
|--|---|
| Nature and Volume of Release | |
| Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission. | |
| Crude Oil Released (bbls) Details | Not answered. |
| Produced Water Released (bbls) Details | Cause: Lightning Tank (Any) Produced Water Released: 285 BBL Recovered: 272 BBL Lost: 13 BBL. |
| Is the concentration of chloride in the produced water >10,000 mg/l | Yes |
| Condensate Released (bbls) Details | Not answered. |
| Natural Gas Vented (Mcf) Details | Not answered. |
| Natural Gas Flared (Mcf) Details | Not answered. |
| Other Released Details | Not answered. |
| Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts) | Not answered. |

District I

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

District II

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

District III

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

District IV

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

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

QUESTIONS, Page 2

Action 369313

QUESTIONS (continued)

| | | |
|---|----------------|---|
| Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102 | OGRID: | 6137 |
| | Action Number: | 369313 |
| | Action Type: | [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |
| | | |

QUESTIONS

| | |
|---|--|
| Nature and Volume of Release (continued) | |
| Is this a gas only submission (i.e. only significant Mcf values reported) | No, according to supplied volumes this does not appear to be a "gas only" report. |
| Was this a major release as defined by Subsection A of 19.15.29.7 NMAC | Yes |
| Reasons why this would be considered a submission for a notification of a major release | From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more. |
| With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form. | |

Initial Response

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

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

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

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

| | |
|--|--|
| I hereby agree and sign off to the above statement | Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 08/01/2024 |
|--|--|

District I1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720**District II**811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720**District III**1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170**District IV**1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS, Page 3

Action 369313

QUESTIONS (continued)

| | |
|---|---|
| Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102 | OGRID: 6137 |
| | Action Number: 369313 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS**Site Characterization**

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

| | |
|--|--------------------------------|
| What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs) | Between 51 and 75 (ft.) |
| What method was used to determine the depth to ground water | NM OSE iWaters Database Search |
| Did this release impact groundwater or surface water | No |
| What is the minimum distance, between the closest lateral extents of the release and the following surface areas: | |
| A continuously flowing watercourse or any other significant watercourse | Between 1 and 5 (mi.) |
| Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark) | Between 1 and 5 (mi.) |
| An occupied permanent residence, school, hospital, institution, or church | Between 1 and 5 (mi.) |
| A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes | Between 1 and 5 (mi.) |
| Any other fresh water well or spring | Between 1 and 5 (mi.) |
| Incorporated municipal boundaries or a defined municipal fresh water well field | Greater than 5 (mi.) |
| A wetland | Between 500 and 1000 (ft.) |
| A subsurface mine | Greater than 5 (mi.) |
| An (non-karst) unstable area | Greater than 5 (mi.) |
| Categorize the risk of this well / site being in a karst geology | Low |
| A 100-year floodplain | Greater than 5 (mi.) |
| Did the release impact areas not on an exploration, development, production, or storage site | No |

Remediation Plan

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

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

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

| | | |
|-------------------|------------------------------------|-------|
| Chloride | (EPA 300.0 or SM4500 Cl B) | 12300 |
| TPH (GRO+DRO+MRO) | (EPA SW-846 Method 8015M) | 155.9 |
| GRO+DRO | (EPA SW-846 Method 8015M) | 77.9 |
| BTEX | (EPA SW-846 Method 8021B or 8260B) | 0 |
| Benzene | (EPA SW-846 Method 8021B or 8260B) | 0 |

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

| | |
|---|------------|
| On what estimated date will the remediation commence | 07/18/2024 |
| On what date will (or did) the final sampling or liner inspection occur | 07/18/2024 |
| On what date will (or was) the remediation complete(d) | 07/18/2024 |
| What is the estimated surface area (in square feet) that will be reclaimed | 200 |
| What is the estimated volume (in cubic yards) that will be reclaimed | 15 |
| What is the estimated surface area (in square feet) that will be remediated | 200 |
| What is the estimated volume (in cubic yards) that will be remediated | 15 |

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

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

District I

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

District II

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

District III

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

District IV

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

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

QUESTIONS, Page 4

Action 369313

QUESTIONS (continued)

| | | |
|---|----------------|---|
| Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102 | OGRID: | 6137 |
| | Action Number: | 369313 |
| | Action Type: | [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |
| | | |

QUESTIONS

| | |
|--|--|
| Remediation Plan (continued) | |
| <i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i> | |
| This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants: | |
| <i>(Select all answers below that apply.)</i> | |
| (Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.) | Yes |
| Which OCD approved facility will be used for off-site disposal | R360 ARTESIA LLC LANDFARM [FEEM0112340644] |
| OR which OCD approved well (API) will be used for off-site disposal | Not answered. |
| OR is the off-site disposal site, to be used, out-of-state | Not answered. |
| OR is the off-site disposal site, to be used, an NMED facility | Not answered. |
| (Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms) | Not answered. |
| (In Situ) Soil Vapor Extraction | Not answered. |
| (In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.) | Not answered. |
| (In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.) | Not answered. |
| (In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.) | Not answered. |
| Ground Water Abatement pursuant to 19.15.30 NMAC | Not answered. |
| OTHER (Non-listed remedial process) | Not answered. |
| <i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i> | |
| I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. | |
| I hereby agree and sign off to the above statement | Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 08/01/2024 |
| <i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i> | |

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS, Page 5

Action 369313

QUESTIONS (continued)

| | |
|---|---|
| Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102 | OGRID: 6137 |
| | Action Number: 369313 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

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

District I

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

District II

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

District III

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

District IV

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

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

QUESTIONS, Page 6

Action 369313

QUESTIONS (continued)

| | | |
|---|----------------|---|
| Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102 | OGRID: | 6137 |
| | Action Number: | 369313 |
| | Action Type: | [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |
| | | |

QUESTIONS

| Sampling Event Information | |
|---|------------|
| Last sampling notification (C-141N) recorded | 364362 |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 07/18/2024 |
| What was the (estimated) number of samples that were to be gathered | 2 |
| What was the sampling surface area in square feet | 200 |

Remediation Closure Request

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

| | |
|--|------------|
| Requesting a remediation closure approval with this submission | Yes |
| Have the lateral and vertical extents of contamination been fully delineated | Yes |
| Was this release entirely contained within a lined containment area | No |
| All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion | Yes |
| What was the total surface area (in square feet) remediated | 200 |
| What was the total volume (cubic yards) remediated | 15 |
| All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene | Yes |
| What was the total surface area (in square feet) reclaimed | 200 |
| What was the total volume (in cubic yards) reclaimed | 15 |
| Summarize any additional remediation activities not included by answers (above) | see report |

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

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

| | |
|--|--|
| I hereby agree and sign off to the above statement | Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 08/01/2024 |
|--|--|

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS, Page 7

Action 369313

QUESTIONS (continued)

| | |
|---|----------------|
| Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102 | OGRID: |
| | 6137 |
| | Action Number: |
| | 369313 |
| Action Type: | |
| [C-141] Remediation Closure Request C-141 (C-141-v-Closure) | |

QUESTIONS

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

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 369313

CONDITIONS

| | |
|---|---|
| Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102 | OGRID: 6137 |
| | Action Number: 369313 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|---|----------------|
| nvelez | Remediation has met 19.15.29 NMAC requirements. Soil impacts exceeding the reclamation standards have been left in place and are required to meet 19.15.29.13D (1) NMAC once the site is no longer reasonably needed for production or subsequent drilling ops. | 9/10/2024 |