

Incident ID	nAPP2304155265
District RP	
Facility ID	
Application ID	

## Closure

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

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

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

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

Printed Name: Dale Woodall Title: Environmental Professional  
Signature: Dale Woodall Date: 5/2/2023  
email: dale.woodall@dvn.com Telephone: 575-748-1839

**OCD Only**

Received by: Jocelyn Harimon Date: 05/02/2023

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

Closure Approved by: Robert Hamlet Date: 9/14/2023  
Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced

Incident ID	nAPP2304155265
District RP	
Facility ID	
Application ID	

## Site Assessment/Characterization

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

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

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

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

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

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

State of New Mexico  
Oil Conservation Division

Page 4

Incident ID	nAPP2304155265
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Printed Name: Dale Woodall Title: Environmental Professional  
Signature: *Dale Woodall* Date: 5/2/2023  
email: dale.woodall@dv.com Telephone: 575-748-1839

**OCD Only**

Received by: Jocelyn Harimon Date: 05/02/2023

Incident ID	nAPP2304155265
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Printed Name: Dale Woodall Title: Environmental Professional  
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**OCD Only**

Received by: Jocelyn Harimon Date: 05/02/2023

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Closure Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_



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

April 27, 2023

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

**Re: Site Assessment, Remediation, and Closure Report**  
**Antares 23 Fed Wellpad**  
**API No. N/A**  
**GPS: Latitude 32.646662 Longitude -103.848072**  
**UL -- E, 23, T19S, R31E**  
**Eddy County, NM**  
**NMOCD Ref. No. NAPP2304155265**

Pima Environmental Services, LLC. (Pima) has been contracted by Devon Energy Production Company, LP (Devon) to perform a spill assessment, remediation activities, and submit this closure report for a Crude oil release that occurred at the Antares 23 Fed Wellpad (Antares). The initial C-141 was submitted on February 21, 2023 (Appendix C). This incident was assigned Incident ID NAPP2304155265 by the New Mexico Oil Conservation Division (NMOCD).

#### Site Characterization

The Antares is located approximately thirteen (13) miles southeast of Loco Hills, NM. This spill site is in Unit E, Section 23, Township 19S, Range 31E, Latitude 32.646662 Longitude -103.848072, Eddy County, NM. Figure 1 references a Location Map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is made up of Interlayered eolian sands and piedmont-slope deposits along the eastern flank of the Pecos River valley, primarily between Roswell and Carlsbad. Typically capped by thin eolian deposits. The soil in this area is made up of Berino complex, 0 to 3 percent slopes according to the United States Department of Agriculture Natural Resources Conservation Service soil survey (Appendix B). The drainage class in this area is well drained. There is a low potential for karst geology to be present around the Antares (Figure 3).

According to the New Mexico Office of the State Engineer, depth to the nearest groundwater in this area is 130 feet below grade surface (BGS). According to the United States Geological Survey (USGS), the nearest groundwater is 141 feet BGS. The closest waterway is a Salt Playa located approximately 6.34 miles to the northwest of this location. See Appendix A for referenced water surveys.

Table 1 NMAC and Closure Criteria 19.15.29

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

Reference Figure 2 for a Topographic Map.

Antares 23 Fed Wellpad | [Devon Energy](#)

**Release Information**

**NAPP2304155265:** On February 10, 2023, a leak developed from the stuffing box flange, causing a fluid to be released on the pad. The released fluids were calculated to be approximately 7.4 barrels (bbls) of crude oil. A vacuum truck was able to recover 4 bbls of standing fluid.

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

February 23, 2023, Pima mobilized personnel to the site to begin collecting soil samples from spill area. The laboratory results of this sampling event can be found in the following data table. A Site Map can be found in Figure 4.

2/23/23 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
DEVON ENERGY - ANTARES 23 FED COM 1H								
Sample Date: 2/23/2023		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	115	ND	115	1330
	3'	ND	ND	ND	ND	ND	0	151
	4'	ND	ND	ND	ND	ND	0	196
	5'	ND	ND	ND	ND	ND	0	ND
S-2	1'	ND	ND	ND	145	68.8	213.8	1720
	3'	ND	ND	ND	ND	ND	0	52.5
	4'	ND	ND	ND	ND	ND	0	183
	5'	ND	ND	ND	ND	ND	0	ND
S-3	1'	ND	ND	ND	ND	ND	0	821
	3'	ND	ND	ND	33.3	ND	33.3	109
	4'	ND	ND	ND	ND	ND	0	188
	5'	ND	ND	ND	ND	ND	0	ND
S-4	1'	ND	ND	ND	114	ND	114	123
	3'	ND	ND	ND	26	ND	26	175
	4'	ND	ND	ND	ND	ND	0	188
	5'	ND	ND	ND	ND	ND	0	ND
S-5	1'	ND	ND	ND	ND	ND	0	4910
	3'	0.0373	ND	ND	170	59.7	229.7373	127
	4'	ND	ND	ND	ND	ND	0	194
	5'	ND	ND	ND	ND	ND	0	ND
S-6	1'	ND	ND	ND	33.9	ND	33.9	2460
	3'	ND	ND	ND	ND	ND	0	41.1
	4'	ND	ND	ND	ND	ND	0	206
	5'	ND	ND	ND	ND	ND	0	ND
SW-1	6"	ND	ND	ND	ND	ND	0	ND
SW-2	6"	ND	ND	ND	ND	ND	0	ND
SW-3	6"	ND	ND	ND	ND	ND	0	ND
SW-4	6"	ND	ND	ND	ND	ND	0	ND
SW-5	6"	ND	ND	ND	ND	ND	0	ND
BG 1	6"	ND	ND	ND	ND	ND	0	ND

ND- Analyte Not Detected

On March 31, 2023, the Devon Construction Department mobilized personnel and equipment to begin remediation activities. They began excavating the area to a depth of 2' BGS. The contaminated soil, approximately 186 cubic yards, was hauled to an approved, lined disposal facility and clean backfill material was brought in.

On April 7, 2023, after sending a 48-hour notification (Appendix C), Pima returned to the site to collect confirmation samples of the excavation. The results of this sampling event can be found in the following table. A Confirmation Sample Map can be found in Figure 5.

## 4-7-23 Confirmation Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
DEVON ENERGY - ANTARES 23 FED COM 1H								
Sample Date: 4/7/2023		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	CI mg/kg
CS 1	2'	ND	ND	ND	ND	ND	0	ND
CS 2	2'	ND	ND	ND	ND	ND	0	ND
CS 3	2'	ND	ND	ND	ND	ND	0	ND
CS 4	2'	ND	ND	ND	ND	ND	0	ND
CS 5	2'	ND	ND	ND	ND	ND	0	ND
CS 6	2'	ND	ND	ND	ND	ND	0	ND
CS 7	2'	ND	ND	ND	ND	ND	0	ND
CS 8	2'	ND	ND	ND	ND	ND	0	ND
CS 9	2'	ND	ND	ND	ND	ND	0	ND
CS 10	2'	ND	ND	ND	ND	ND	0	ND
CS 11	2'	ND	ND	ND	ND	ND	0	ND
CS 12	2'	ND	ND	ND	ND	ND	0	ND
CSW 1	2'	ND	ND	ND	ND	ND	0	ND
CSW 2	2'	ND	ND	ND	ND	ND	0	ND
CSW 3	2'	ND	ND	ND	ND	ND	0	ND
CSW 4	2'	ND	ND	ND	ND	ND	0	ND
CSW 5	2'	ND	ND	ND	ND	ND	0	ND
CSW 6	2'	ND	ND	ND	ND	ND	0	ND
CSW 7	2'	ND	ND	ND	ND	ND	0	ND
CSW 8	2'	ND	ND	ND	ND	ND	0	ND
CSW 9	2'	ND	ND	ND	ND	ND	0	ND
CSW 10	2'	ND	ND	ND	ND	ND	0	ND
CSW 11	2'	ND	ND	ND	ND	ND	0	ND
CSW 12	2'	ND	ND	ND	ND	ND	0	ND
CSW 13	2'	ND	ND	ND	ND	ND	0	ND
CSW 14	2'	ND	ND	ND	ND	ND	0	ND
CSW 15	2'	ND	ND	ND	ND	ND	0	ND
CSW 16	2'	ND	ND	ND	ND	ND	0	ND
CSW 17	2'	ND	ND	ND	ND	ND	0	ND
CSW 18	2'	ND	ND	ND	ND	ND	0	ND
CSW 19	2'	ND	ND	ND	ND	ND	0	ND
CSW 20	2'	ND	ND	ND	ND	ND	0	ND
CSW 21	2'	ND	ND	ND	ND	ND	0	ND
CSW 22	2'	ND	ND	ND	ND	ND	0	ND
CSW 23	2'	ND	ND	ND	ND	ND	0	ND
CSW 24	2'	ND	ND	ND	ND	ND	0	ND

ND- Analyte Not Detected

Complete laboratory reports can be found in Appendix E.

Based on the sample results, the bottoms and sidewalls were below NMOCD Closure Criteria 19.15.29 NMAC. The contaminated material was sufficiently removed then transported to an NMOCD approved disposal site. The excavation was then backfilled with clean like material, machine compacted and returned to its previous state. See Appendix D for Photographic Documentation.

**Closure Request**

After careful review, Pima requests that this incident, NAPP2304155265, be closed. Devon has complied with the applicable closure requirements set forth in rule 19.15.19.12 NMAC.

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

Respectfully,



Gio Gomez

Project Manager

Pima Environmental Services,

**Attachments**

Figures:

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

Appendices:

- Appendix A – Referenced Water Surveys
- Appendix B – Soil Survey and Geological Data
- Appendix C – C-141 Form and 48 Hour Notification
- Appendix D – Photographic Documentation
- Appendix E – Laboratory Reports





Pima Environmental Services

**Figures:**

1-Location Map

2-Topographic Map

3-Karst Map

4-Site Map


5-Confirmation Sample Map



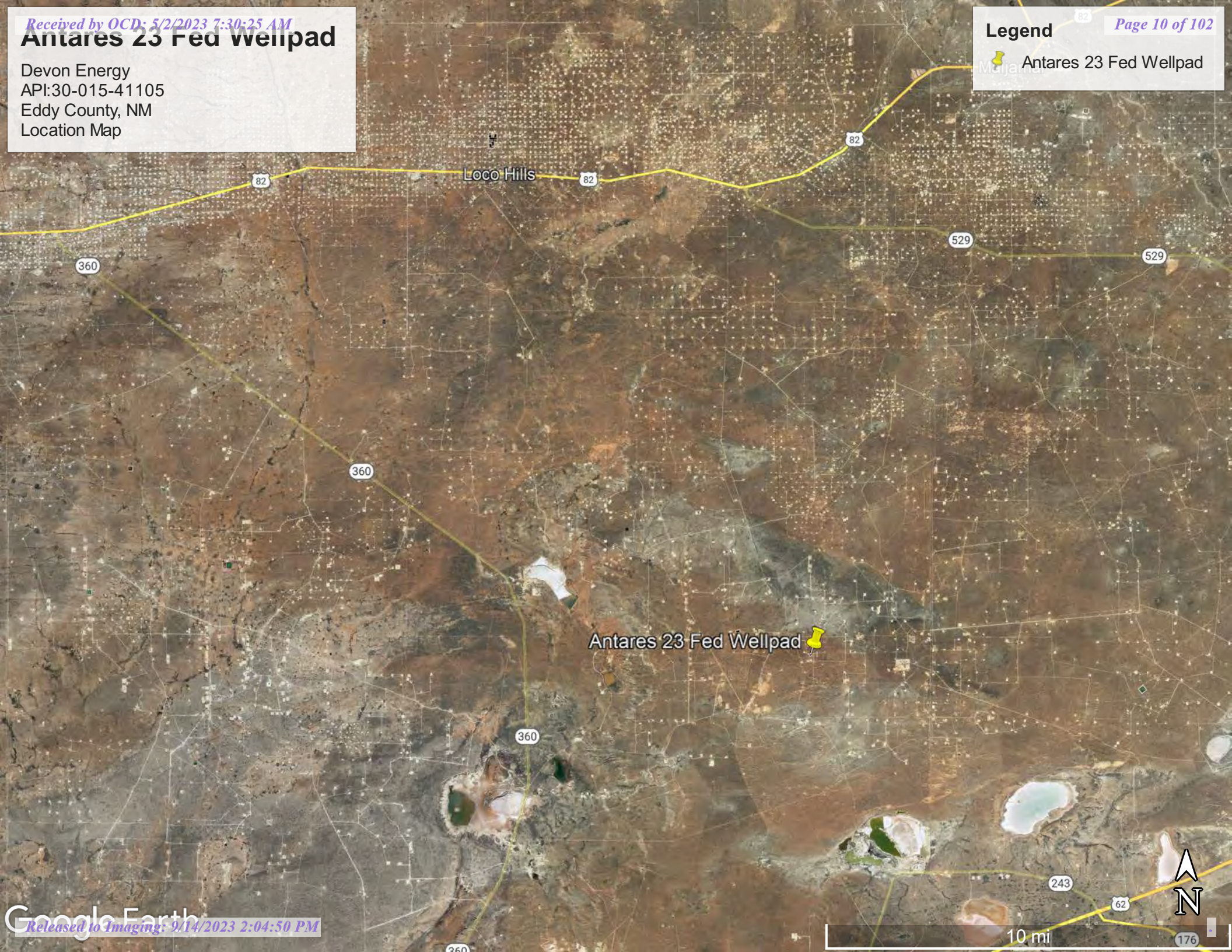
# Antares 23 Fed Wellpad

Devon Energy  
API:30-015-41105  
Eddy County, NM  
Location Map

Legend

 Antares 23 Fed Wellpad

Page 10 of 102



Antares 23 Fed Wellpad



10 mi

243

62

176

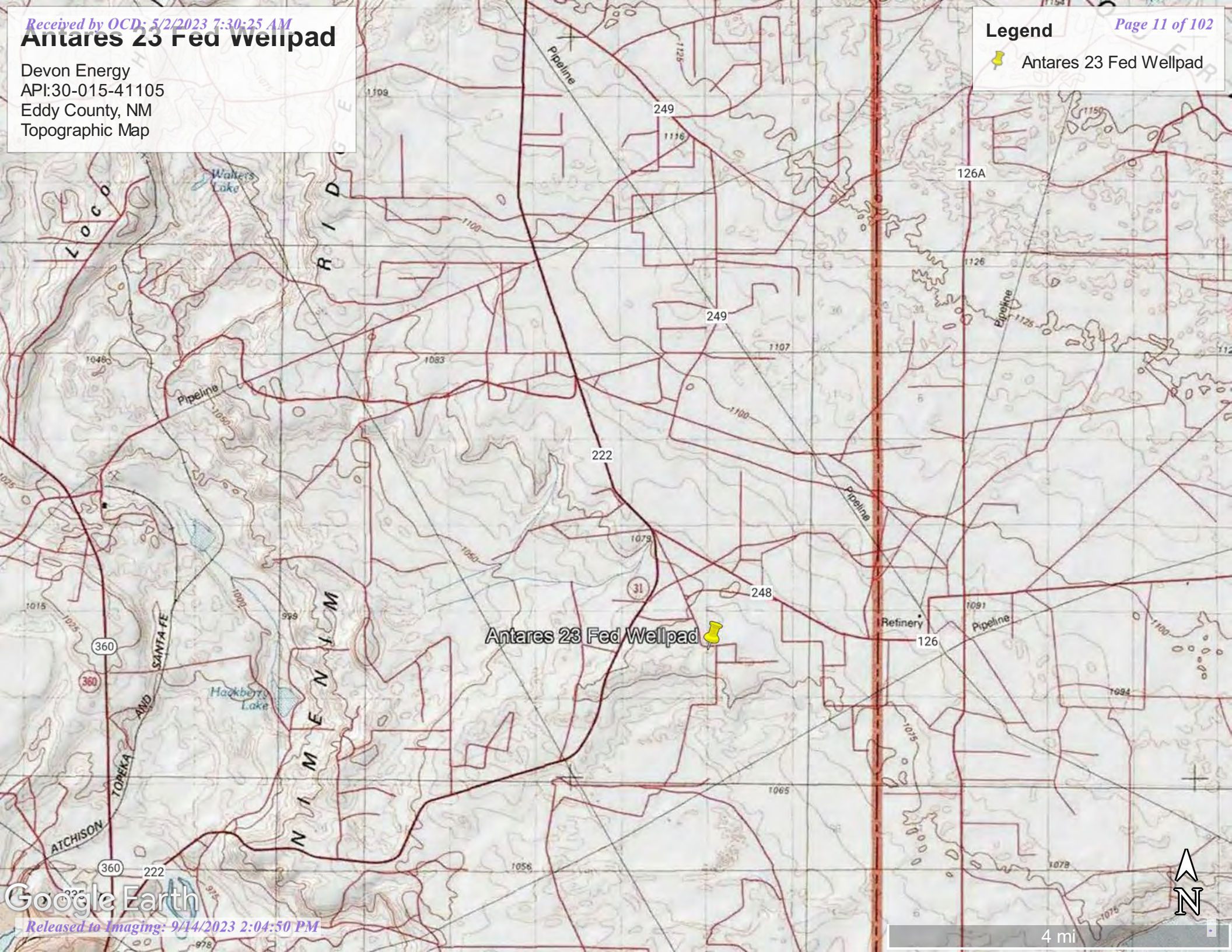


# Antares 23 Fed Wellpad

Devon Energy  
API:30-015-41105  
Eddy County, NM  
Topographic Map

## Legend

 Antares 23 Fed Wellpad







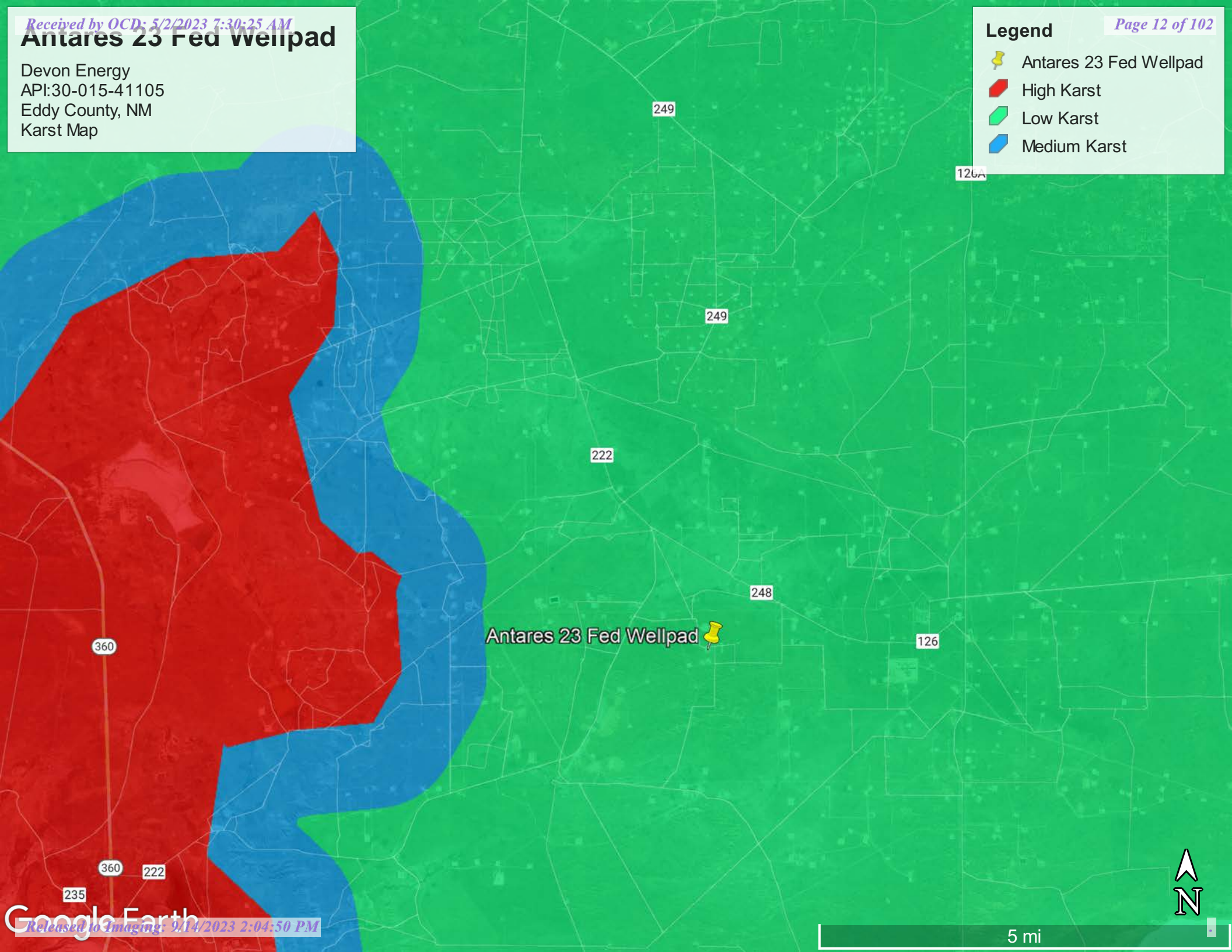


# Antares 23 Fed Wellpad

Devon Energy  
API:30-015-41105  
Eddy County, NM  
Karst Map

## Legend

-  Antares 23 Fed Wellpad
-  High Karst
-  Low Karst
-  Medium Karst









# Antares 23 Federal 1H

Devon Energy  
API: 30-015-41105  
Eddy County, NM  
Site Map

## Legend

-  Antares 23 Fed Wellpad
-  Background/Sidewalls
-  Samples
-  Spill Area 2,516 Sqft



Google Earth





100 ft



# Antares 23 Federal 1H

Devon Energy  
API: 30-015-41105  
Eddy County, NM  
Confirmation Sample Map

## Legend

-  Antares 23 Fed Wellpad
-  Confirmation Samples



Antares 23 Fed Wellpad



100 ft

Google Earth



Pima Environmental Services

**Appendix A**

Water Surveys:

OSE

USGS

Surface Water Map



# New Mexico Office of the State Engineer

## Water Column/Average Depth to Water

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

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

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

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

(In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
<a href="#">CP 01554 POD2</a>		CP	LE	2	2	1	22	19S	31E	607165	3613322	1071	400		
<a href="#">CP 01554 POD1</a>		CP	LE	2	2	1	22	19S	31E	607166	3613354	1090	400		
<a href="#">CP 00829 POD1</a>		CP	LE		2	4	16	19S	31E	606165	3614009*	2284	120		
<a href="#">CP 01864 POD1</a>		CP	ED	4	2	1	34	19S	31E	607068	3609824	3037	110		
<a href="#">CP 00642 POD1</a>		CP	ED		2	2	25	19S	31E	611025	3611657*	3163	250		
<a href="#">CP 00641 POD1</a>		CP	ED		4	1	36	19S	31E	610247	3609634*	3780	300	130	170
<a href="#">CP 00722 POD1</a>		CP	LE	4	3	3	28	19S	31E	605106	3610273*	3808	200		
<a href="#">CP 00722 POD1</a>	R	CP	LE	4	3	3	28	19S	31E	605106	3610273*	3808	200		
<a href="#">CP 00725 POD1</a>		CP	ED	1	3	3	28	19S	31E	604906	3610473*	3845	231		
<a href="#">CP 00723 POD1</a>		CP	ED	2	1	1	33	19S	31E	605111	3610071*	3936	139		
<a href="#">CP 00722 POD3</a>		CP	LE	2	4	1	33	19S	31E	605519	3609673*	3940	220	140	80
<a href="#">CP 00563 POD1</a>		CP	LE	1	1	2	19	19S	32E	612118	3613376*	4134	300		
<a href="#">CP 00640 POD1</a>		CP	LE		2	2	19	19S	32E	612621	3613280*	4618	260	102	158
<a href="#">CP 00639 POD1</a>		CP	LE		3	1	20	19S	32E	613029	3612880*	4993	350	345	5

Average Depth to Water: **179 feet**

Minimum Depth: **102 feet**

Maximum Depth: **345 feet**

**Record Count:** 14

**UTMNAD83 Radius Search (in meters):**

**Easting (X):** 608039.12

**Northing (Y):** 3612702.3

**Radius:** 5000

\*UTM location was derived from PLSS - see Help

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

3/6/23 10:42 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER





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## National Water Information System: Web Interface

USGS Water Resources

Data Category:

Groundwater

Geographic Area:

United States

GO

Click to hide News Bulletins

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

Groundwater levels for the Nation

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

## Search Results -- 1 sites found

site\_no list =

- 323807103510601

Minimum number of levels = 1

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

## USGS 323807103510601 19S.31E.27.214132

Available data for this site

Groundwater: Field measurements

GO

Eddy County, New Mexico

Hydrologic Unit Code 13060011

Latitude 32°38'07", Longitude 103°51'06" NAD27

Land-surface elevation 3,500 feet above NAVD88

The depth of the well is 177 feet below land surface.

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

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

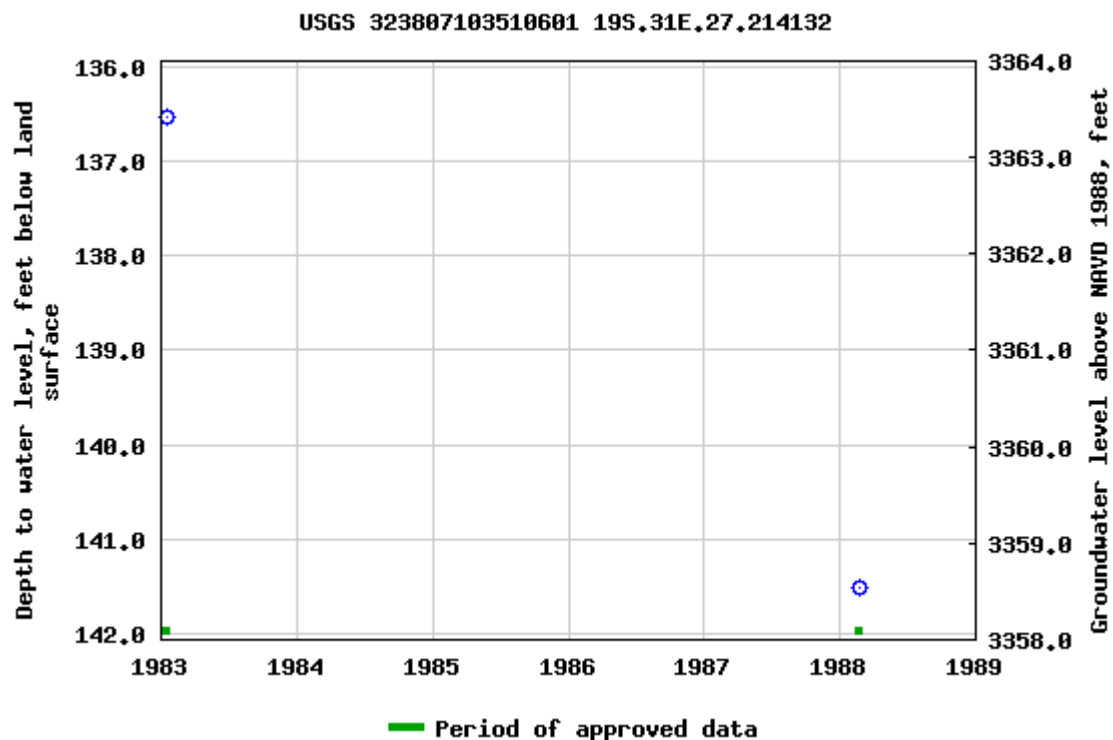
### Output formats

[Table of data](#)

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[Reselect period](#)



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

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

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



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

Page Last Modified: 2023-02-23 13:26:17 EST


0.54 0.48 nadww01




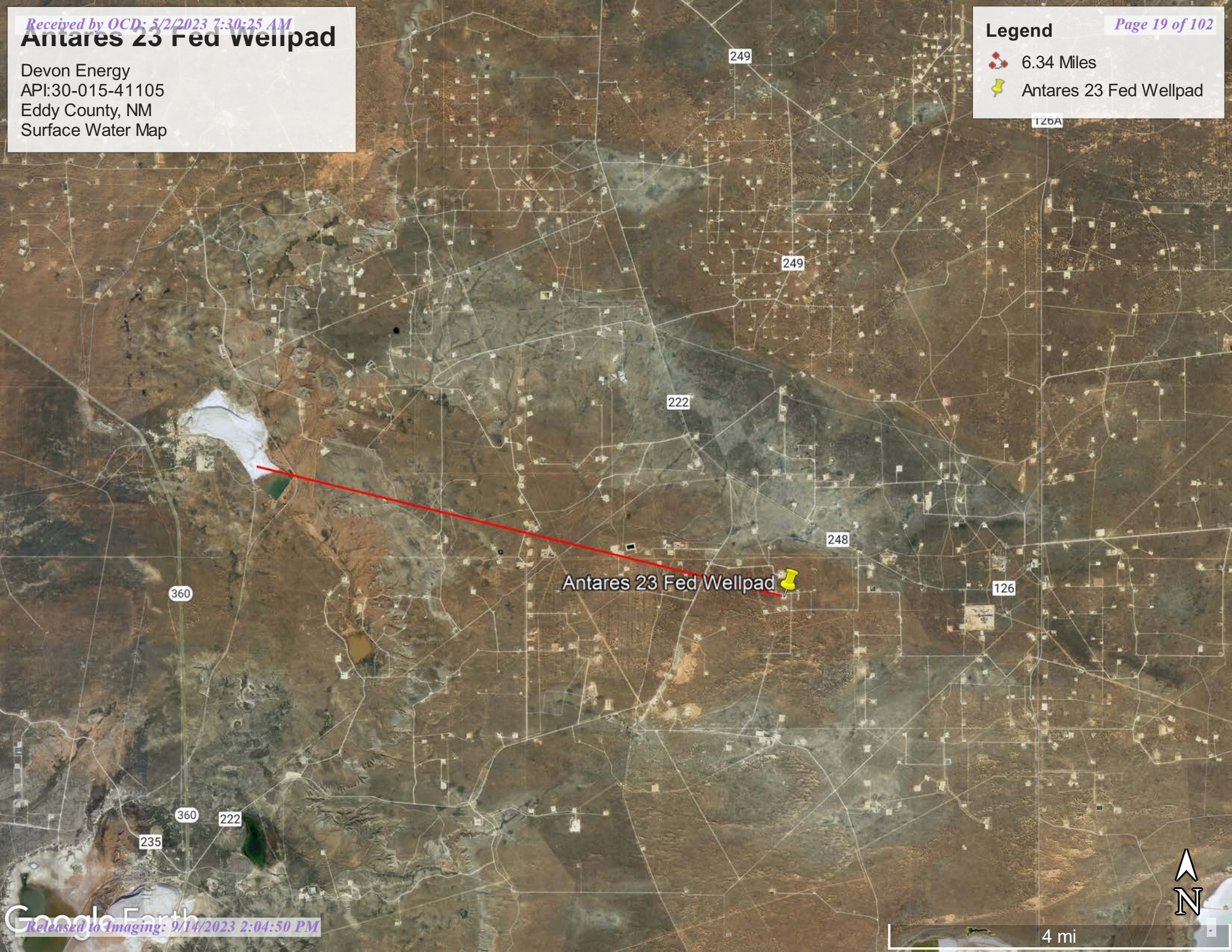
# Antares 23 Fed Wellpad

Devon Energy  
API:30-015-41105  
Eddy County, NM  
Surface Water Map

Legend

 6.34 Miles

 Antares 23 Fed Wellpad



Antares 23 Fed Wellpad





Pima Environmental Services

**Appendix B**

Soil Survey & Geological Data

FEMA Flood Map

Wetlands Map

Map Unit Description: Berino complex, 0 to 3 percent slopes, eroded---Eddy Area, New Mexico

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## Eddy Area, New Mexico

### BB—Berino complex, 0 to 3 percent slopes, eroded

#### Map Unit Setting

*National map unit symbol:* 1w43

*Elevation:* 2,000 to 5,700 feet

*Mean annual precipitation:* 5 to 15 inches

*Mean annual air temperature:* 57 to 70 degrees F

*Frost-free period:* 180 to 260 days

*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Berino and similar soils:* 60 percent

*Pajarito and similar soils:* 25 percent

*Minor components:* 15 percent

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

#### 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 58 inches:* sandy clay loam

*H3 - 58 to 60 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 8.0 inches)

##### Interpretive groups

*Land capability classification (irrigated):* None specified

Map Unit Description: Berino complex, 0 to 3 percent slopes, eroded---Eddy Area, New Mexico

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

### **Description of Pajarito**

#### **Setting**

*Landform: Dunes, plains, interdunes*  
*Landform position (three-dimensional): Side slope*  
*Down-slope shape: Convex, linear*  
*Across-slope shape: Convex, linear*  
*Parent material: Mixed alluvium and/or eolian sands*

#### **Typical profile**

*H1 - 0 to 9 inches: loamy fine sand*  
*H2 - 9 to 72 inches: fine sandy loam*

#### **Properties and qualities**

*Slope: 0 to 3 percent*  
*Depth to restrictive feature: More than 80 inches*  
*Drainage class: Well drained*  
*Runoff class: Very low*  
*Capacity of the most limiting layer to transmit water (Ksat): High*  
*(2.00 to 6.00 in/hr)*  
*Depth to water table: More than 80 inches*  
*Frequency of flooding: None*  
*Frequency of ponding: None*  
*Calcium carbonate, maximum content: 40 percent*  
*Maximum salinity: Nonsaline (0.0 to 1.0 mmhos/cm)*  
*Sodium adsorption ratio, maximum: 1.0*  
*Available water supply, 0 to 60 inches: Moderate (about 8.0 inches)*

#### **Interpretive groups**

*Land capability classification (irrigated): 2e*  
*Land capability classification (nonirrigated): 7e*  
*Hydrologic Soil Group: A*  
*Ecological site: R070BD003NM - Loamy Sand*  
*Hydric soil rating: No*

### **Minor Components**

#### **Pajarito**

*Percent of map unit: 4 percent*  
*Ecological site: R070BD003NM - Loamy Sand*  
*Hydric soil rating: No*

#### **Wink**

*Percent of map unit: 4 percent*  
*Ecological site: R070BD003NM - Loamy Sand*  
*Hydric soil rating: No*

#### **Cacique**

*Percent of map unit: 4 percent*

Map Unit Description: Berino complex, 0 to 3 percent slopes, eroded---Eddy Area, New Mexico

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*Ecological site:* R070BD004NM - Sandy

*Hydric soil rating:* No

**Kermit**

*Percent of map unit:* 3 percent

*Ecological site:* R070BD005NM - Deep Sand

*Hydric soil rating:* No

## Data Source Information

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 18, Sep 8, 2022



# National Flood Hazard Layer FIRMMette



103°51'12"W 32°39'3"N



0 250 500 1,000 1,500 2,000 Feet 1:6,000 103°50'34"W 32°38'33"N

Released to Imaging: 9/14/2023 2:04:50 PM

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

## Legend

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

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



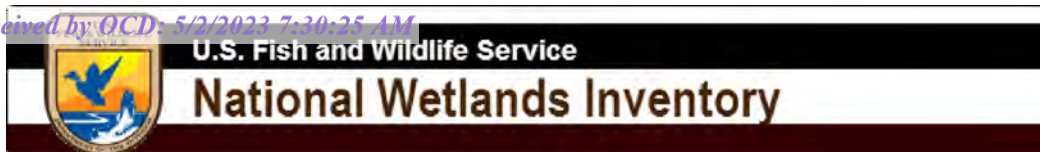
The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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

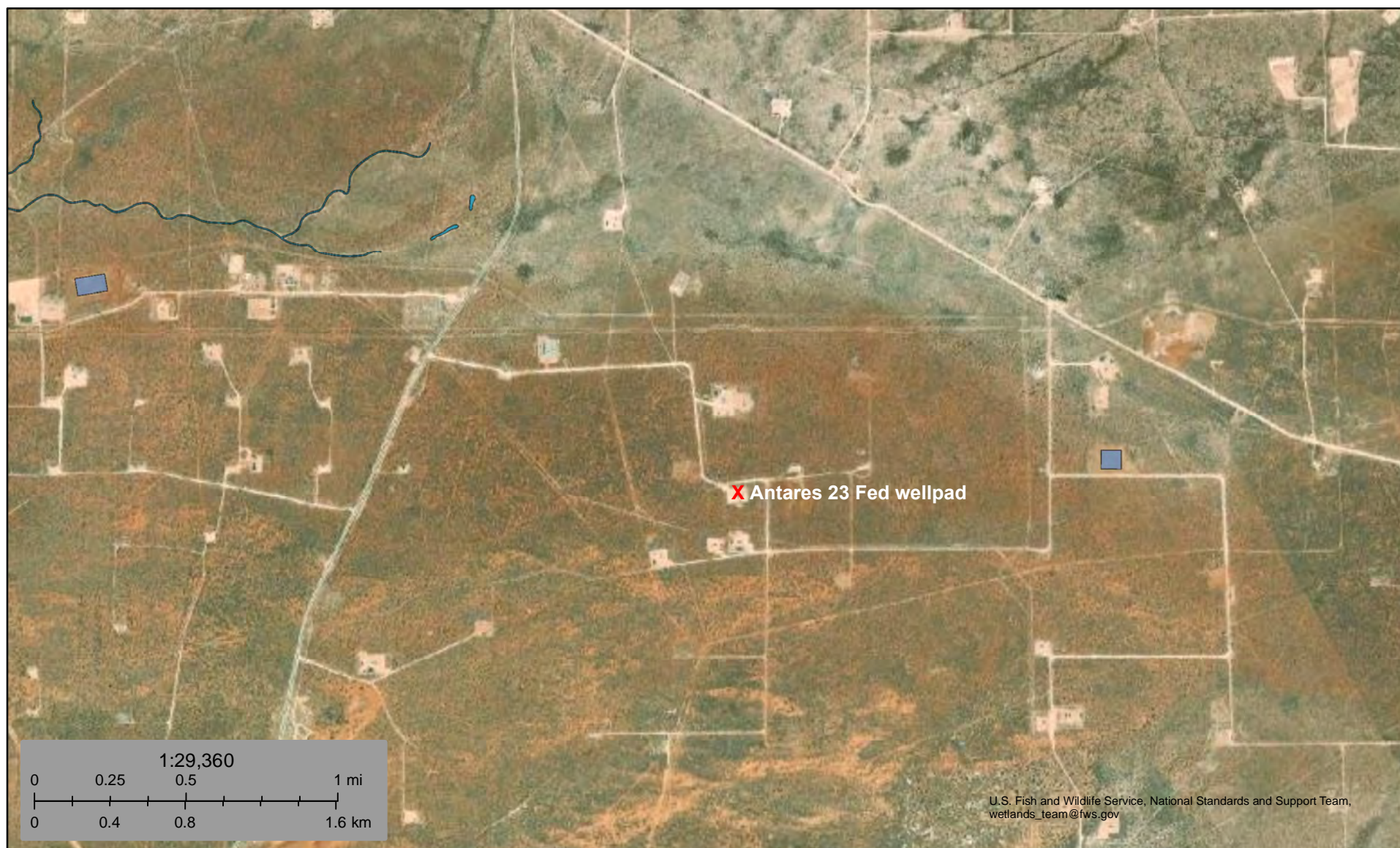
The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 2/23/2023 at 2:21 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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





## Wetlands Map



February 23, 2023

**Wetlands**

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

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

- Lake
- Other
- Riverine

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



Pima Environmental Services

**Appendix C**

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 Department

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

Form C-141  
Revised August 24, 2018  
Submit to appropriate OCD District office

Incident ID	nAPP2304155265
District RP	
Facility ID	
Application ID	

## Release Notification

### Responsible Party

Responsible Party Devon Energy Production Company	OGRID 6137
Contact Name Wesley Mathews	Contact Telephone
Contact email Wesley.Mathews@dvn.com	Incident # (assigned by OCD)
Contact mailing address 6488 Seven Rivers Hwy Artesia, NM 88210	

### Location of Release Source

Latitude 32.646662 Longitude -103.848072  
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Antares 23 Fed Wellpad	Site Type Oil
Date Release Discovered 2/10/2023	API# (if applicable)

Unit Letter	Section	Township	Range	County
E	23	19S	31E	Eddy

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☐ Private (Name: \_\_\_\_\_)

### Nature and Volume of Release

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

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) 7.4 BBLS	Volume Recovered (bbls) 4 BBLS
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release Leak developed from the stuffing box flange.

Incident ID	nAPP2304155265
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

### Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped.	
<input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment.	
<input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.	
<input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: <u>Kendra Ruiz</u>	Title: <u>EHS Associate</u>
Signature: <u>Kendra Ruiz</u>	Date: <u>2/21/2023</u>
email: <u>Kendra.Ruiz@dvn.com</u>	Telephone: <u>575-748-0167</u>
<b><u>OCD Only</u></b>	
Received by: <u>Jocelyn Harimon</u>	Date: <u>02/21/2023</u>



NAPP2304155265

<b>Spill Volume(Bbls) Calculator</b>	
<i>Inputs in blue, Outputs in red</i>	
Contaminated Soil measurement	
Area (square feet)	Depth(inches)
<u>2516</u>	<u>0.500</u>
Cubic Feet of Soil Impacted	<u>104.833</u>
Barrels of Soil Impacted	<u>18.69</u>
Soil Type	Clay/Sand
Barrels of Oil Assuming 100% Saturation	<u>2.80</u>
Saturation	Fluid present when squeezed
Estimated Barrels of Oil Released	1.40
Free Standing Fluid Only	
Area (square feet)	Depth(inches)
<u>2516</u>	<u>0.125</u>
Standing fluid	<u>4.672</u>
<b>Total fluids spilled</b>	<b><u>7.475</u></b>

**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 188916

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 188916
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jharimon	None	2/22/2023

Incident ID	nAPP2304155265
District RP	
Facility ID	
Application ID	

## Site Assessment/Characterization

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

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

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

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

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

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

State of New Mexico  
Oil Conservation Division

Page 4

Incident ID	nAPP2304155265
District RP	
Facility ID	
Application ID	

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

Printed Name: Dale Woodall Title: Environmental Professional  
Signature: Dale Woodall Date: 5/2/2023  
email: dale.woodall@dn.com Telephone: 575-748-1839

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_



Incident ID	nAPP2304155265
District RP	
Facility ID	
Application ID	

## Closure

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

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

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

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

Printed Name: Dale Woodall Title: Environmental Professional

Signature: Dale Woodall Date: 5/2/2023

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

### OCD Only

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

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

Closure Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_



Pima Environmental Services

## **Appendix D**

Photographic Documentation

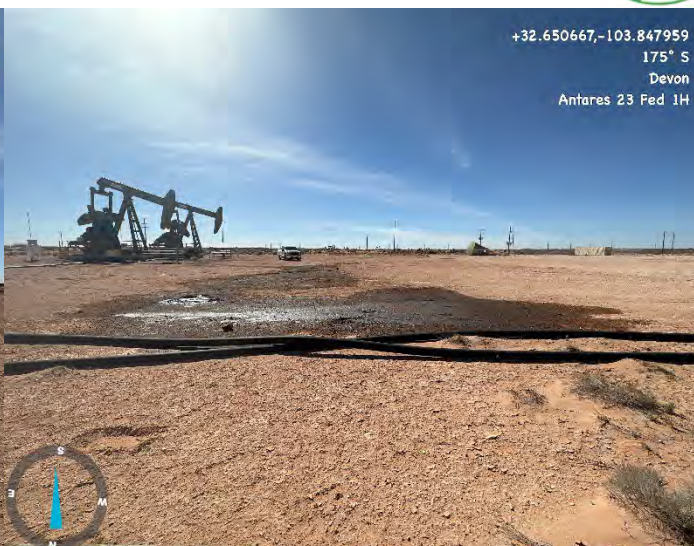
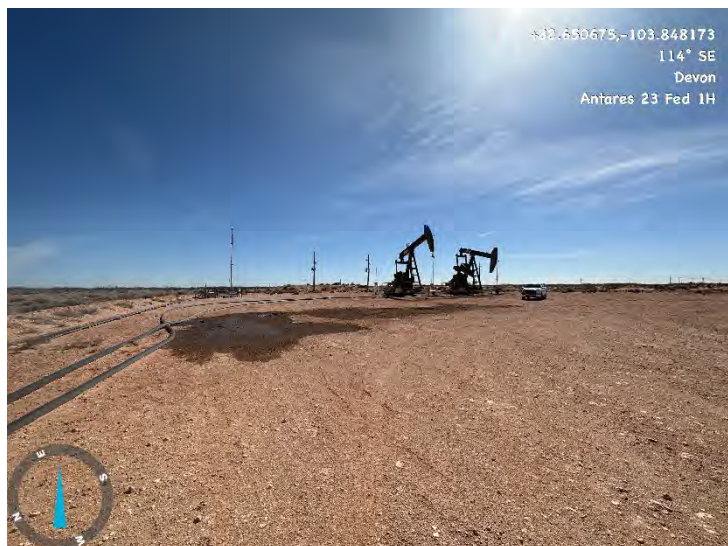


**SITE PHOTOGRAPHS  
DEVON ENERGY  
ANTARES 23 FEDERAL #1H**

**Site Assessment**









## Excavation



## Post Excavation









Pima Environmental Services

## **Appendix E**

Laboratory Reports

Report to:  
Tom Bynum



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Antares 23 Fed Com 1H

Work Order: E304034

Job Number: 01058-0007

Received: 4/11/2023

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
4/12/23

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: 4/12/23



Tom Bynum  
PO Box 247  
Plains, TX 79355-0247

Project Name: Antares 23 Fed Com 1H  
Workorder: E304034  
Date Received: 4/11/2023 7:15:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/11/2023 7:15:00AM, under the Project Name: Antares 23 Fed Com 1H.

The analytical test results summarized in this report with the Project Name: Antares 23 Fed Com 1H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues 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](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto: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](mailto: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](http://www.envirotech-inc.com)

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## Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Antares 23 Fed Com 1H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	04/12/23 15:58

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS1	E304034-01A	Soil	04/07/23	04/11/23	Glass Jar, 2 oz.
CS2	E304034-02A	Soil	04/07/23	04/11/23	Glass Jar, 2 oz.
CS3	E304034-03A	Soil	04/07/23	04/11/23	Glass Jar, 2 oz.
CS4	E304034-04A	Soil	04/07/23	04/11/23	Glass Jar, 2 oz.
CS5	E304034-05A	Soil	04/07/23	04/11/23	Glass Jar, 2 oz.
CS6	E304034-06A	Soil	04/07/23	04/11/23	Glass Jar, 2 oz.
CS7	E304034-07A	Soil	04/07/23	04/11/23	Glass Jar, 2 oz.
CS8	E304034-08A	Soil	04/07/23	04/11/23	Glass Jar, 2 oz.
CS9	E304034-09A	Soil	04/07/23	04/11/23	Glass Jar, 2 oz.
CS10	E304034-10A	Soil	04/07/23	04/11/23	Glass Jar, 2 oz.
CS11	E304034-11A	Soil	04/07/23	04/11/23	Glass Jar, 2 oz.
CS12	E304034-12A	Soil	04/07/23	04/11/23	Glass Jar, 2 oz.
CSW1	E304034-13A	Soil	04/07/23	04/11/23	Glass Jar, 2 oz.
CSW2	E304034-14A	Soil	04/07/23	04/11/23	Glass Jar, 2 oz.
CSW3	E304034-15A	Soil	04/07/23	04/11/23	Glass Jar, 2 oz.
CSW4	E304034-16A	Soil	04/07/23	04/11/23	Glass Jar, 2 oz.
CSW5	E304034-17A	Soil	04/07/23	04/11/23	Glass Jar, 2 oz.
CSW6	E304034-18A	Soil	04/07/23	04/11/23	Glass Jar, 2 oz.
CSW7	E304034-19A	Soil	04/07/23	04/11/23	Glass Jar, 2 oz.
CSW8	E304034-20A	Soil	04/07/23	04/11/23	Glass Jar, 2 oz.



## Sample Data

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

Project Name: Antares 23 Fed Com 1H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/12/2023 3:58:50PM

## CS1

## E304034-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2315011
Benzene	ND	0.0250	1	04/11/23	04/11/23	
Ethylbenzene	ND	0.0250	1	04/11/23	04/11/23	
Toluene	ND	0.0250	1	04/11/23	04/11/23	
o-Xylene	ND	0.0250	1	04/11/23	04/11/23	
p,m-Xylene	ND	0.0500	1	04/11/23	04/11/23	
Total Xylenes	ND	0.0250	1	04/11/23	04/11/23	
<i>Surrogate: Bromofluorobenzene</i>	93.2 %	70-130		04/11/23	04/11/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	96.2 %	70-130		04/11/23	04/11/23	
<i>Surrogate: Toluene-d8</i>	103 %	70-130		04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2315011
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/11/23	04/11/23	
<i>Surrogate: Bromofluorobenzene</i>	93.2 %	70-130		04/11/23	04/11/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	96.2 %	70-130		04/11/23	04/11/23	
<i>Surrogate: Toluene-d8</i>	103 %	70-130		04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2315013
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/23	04/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/23	04/11/23	
<i>Surrogate: n-Nonane</i>	97.8 %	50-200		04/11/23	04/11/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2315015
Chloride	ND	20.0	1	04/11/23	04/11/23	





## Sample Data

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

Project Name: Antares 23 Fed Com 1H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/12/2023 3:58:50PM

## CS2

## E304034-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2315011
Benzene	ND	0.0250	1	04/11/23	04/11/23	
Ethylbenzene	ND	0.0250	1	04/11/23	04/11/23	
Toluene	ND	0.0250	1	04/11/23	04/11/23	
o-Xylene	ND	0.0250	1	04/11/23	04/11/23	
p,m-Xylene	ND	0.0500	1	04/11/23	04/11/23	
Total Xylenes	ND	0.0250	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene	93.8 %	70-130		04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4	98.7 %	70-130		04/11/23	04/11/23	
Surrogate: Toluene-d8	102 %	70-130		04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2315011
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene	93.8 %	70-130		04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4	98.7 %	70-130		04/11/23	04/11/23	
Surrogate: Toluene-d8	102 %	70-130		04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2315013
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/23	04/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/23	04/11/23	
Surrogate: n-Nonane	95.3 %	50-200		04/11/23	04/11/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2315015
Chloride	ND	20.0	1	04/11/23	04/11/23	



## Sample Data

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

Project Name: Antares 23 Fed Com 1H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/12/2023 3:58:50PM

## CS3

## E304034-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2315011
Benzene	ND	0.0250	1	04/11/23	04/11/23	
Ethylbenzene	ND	0.0250	1	04/11/23	04/11/23	
Toluene	ND	0.0250	1	04/11/23	04/11/23	
o-Xylene	ND	0.0250	1	04/11/23	04/11/23	
p,m-Xylene	ND	0.0500	1	04/11/23	04/11/23	
Total Xylenes	ND	0.0250	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene	92.9 %	70-130		04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4	98.2 %	70-130		04/11/23	04/11/23	
Surrogate: Toluene-d8	101 %	70-130		04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2315011
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene	92.9 %	70-130		04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4	98.2 %	70-130		04/11/23	04/11/23	
Surrogate: Toluene-d8	101 %	70-130		04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2315013
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/23	04/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/23	04/11/23	
Surrogate: n-Nonane	96.8 %	50-200		04/11/23	04/11/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2315015
Chloride	ND	20.0	1	04/11/23	04/11/23	



## Sample Data

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

Project Name: Antares 23 Fed Com 1H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/12/2023 3:58:50PM

## CS4

## E304034-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2315011
Benzene	ND	0.0250	1	04/11/23	04/11/23	
Ethylbenzene	ND	0.0250	1	04/11/23	04/11/23	
Toluene	ND	0.0250	1	04/11/23	04/11/23	
o-Xylene	ND	0.0250	1	04/11/23	04/11/23	
p,m-Xylene	ND	0.0500	1	04/11/23	04/11/23	
Total Xylenes	ND	0.0250	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene	92.8 %	70-130		04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4	99.1 %	70-130		04/11/23	04/11/23	
Surrogate: Toluene-d8	102 %	70-130		04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2315011
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene	92.8 %	70-130		04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4	99.1 %	70-130		04/11/23	04/11/23	
Surrogate: Toluene-d8	102 %	70-130		04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2315013
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/23	04/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/23	04/11/23	
Surrogate: n-Nonane	96.8 %	50-200		04/11/23	04/11/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2315015
Chloride	ND	20.0	1	04/11/23	04/11/23	



## Sample Data

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

Project Name: Antares 23 Fed Com 1H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/12/2023 3:58:50PM

## CS5

## E304034-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2315011
Benzene	ND	0.0250	1	04/11/23	04/11/23	
Ethylbenzene	ND	0.0250	1	04/11/23	04/11/23	
Toluene	ND	0.0250	1	04/11/23	04/11/23	
o-Xylene	ND	0.0250	1	04/11/23	04/11/23	
p,m-Xylene	ND	0.0500	1	04/11/23	04/11/23	
Total Xylenes	ND	0.0250	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene	92.9 %	70-130		04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4	98.7 %	70-130		04/11/23	04/11/23	
Surrogate: Toluene-d8	102 %	70-130		04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2315011
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene	92.9 %	70-130		04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4	98.7 %	70-130		04/11/23	04/11/23	
Surrogate: Toluene-d8	102 %	70-130		04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2315013
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/23	04/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/23	04/11/23	
Surrogate: n-Nonane	102 %	50-200		04/11/23	04/11/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2315015
Chloride	ND	20.0	1	04/11/23	04/11/23	



## Sample Data

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

Project Name: Antares 23 Fed Com 1H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/12/2023 3:58:50PM

## CS6

## E304034-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2315011
Benzene	ND	0.0250	1	04/11/23	04/11/23	
Ethylbenzene	ND	0.0250	1	04/11/23	04/11/23	
Toluene	ND	0.0250	1	04/11/23	04/11/23	
o-Xylene	ND	0.0250	1	04/11/23	04/11/23	
p,m-Xylene	ND	0.0500	1	04/11/23	04/11/23	
Total Xylenes	ND	0.0250	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene	94.0 %	70-130		04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4	99.3 %	70-130		04/11/23	04/11/23	
Surrogate: Toluene-d8	101 %	70-130		04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2315011
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene	94.0 %	70-130		04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4	99.3 %	70-130		04/11/23	04/11/23	
Surrogate: Toluene-d8	101 %	70-130		04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2315013
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/23	04/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/23	04/11/23	
Surrogate: n-Nonane	99.3 %	50-200		04/11/23	04/11/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2315015
Chloride	ND	20.0	1	04/11/23	04/11/23	





## Sample Data

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

Project Name: Antares 23 Fed Com 1H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/12/2023 3:58:50PM

CS7

E304034-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2315011
Benzene	ND	0.0250	1	04/11/23	04/11/23	
Ethylbenzene	ND	0.0250	1	04/11/23	04/11/23	
Toluene	ND	0.0250	1	04/11/23	04/11/23	
o-Xylene	ND	0.0250	1	04/11/23	04/11/23	
p,m-Xylene	ND	0.0500	1	04/11/23	04/11/23	
Total Xylenes	ND	0.0250	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene	93.4 %	70-130		04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4	99.7 %	70-130		04/11/23	04/11/23	
Surrogate: Toluene-d8	100 %	70-130		04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2315011
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene	93.4 %	70-130		04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4	99.7 %	70-130		04/11/23	04/11/23	
Surrogate: Toluene-d8	100 %	70-130		04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2315013
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/23	04/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/23	04/11/23	
Surrogate: n-Nonane	103 %	50-200		04/11/23	04/11/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2315015
Chloride	ND	20.0	1	04/11/23	04/11/23	



## Sample Data

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

Project Name: Antares 23 Fed Com 1H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/12/2023 3:58:50PM

## CS8

## E304034-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2315011
Benzene	ND	0.0250	1	04/11/23	04/11/23	
Ethylbenzene	ND	0.0250	1	04/11/23	04/11/23	
Toluene	ND	0.0250	1	04/11/23	04/11/23	
o-Xylene	ND	0.0250	1	04/11/23	04/11/23	
p,m-Xylene	ND	0.0500	1	04/11/23	04/11/23	
Total Xylenes	ND	0.0250	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene	93.0 %	70-130		04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4	96.4 %	70-130		04/11/23	04/11/23	
Surrogate: Toluene-d8	101 %	70-130		04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2315011
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene	93.0 %	70-130		04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4	96.4 %	70-130		04/11/23	04/11/23	
Surrogate: Toluene-d8	101 %	70-130		04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2315013
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/23	04/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/23	04/11/23	
Surrogate: n-Nonane	94.4 %	50-200		04/11/23	04/11/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2315015
Chloride	ND	20.0	1	04/11/23	04/11/23	



## Sample Data

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

Project Name: Antares 23 Fed Com 1H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/12/2023 3:58:50PM

## CS9

## E304034-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2315011
Benzene	ND	0.0250	1	04/11/23	04/11/23	
Ethylbenzene	ND	0.0250	1	04/11/23	04/11/23	
Toluene	ND	0.0250	1	04/11/23	04/11/23	
o-Xylene	ND	0.0250	1	04/11/23	04/11/23	
p,m-Xylene	ND	0.0500	1	04/11/23	04/11/23	
Total Xylenes	ND	0.0250	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene	91.8 %	70-130		04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4	98.6 %	70-130		04/11/23	04/11/23	
Surrogate: Toluene-d8	102 %	70-130		04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2315011
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene	91.8 %	70-130		04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4	98.6 %	70-130		04/11/23	04/11/23	
Surrogate: Toluene-d8	102 %	70-130		04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2315013
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/23	04/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/23	04/11/23	
Surrogate: n-Nonane	99.5 %	50-200		04/11/23	04/11/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2315015
Chloride	ND	20.0	1	04/11/23	04/11/23	



## Sample Data

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

Project Name: Antares 23 Fed Com 1H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/12/2023 3:58:50PM

## CS10

## E304034-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2315011
Benzene	ND	0.0250	1	04/11/23	04/11/23	
Ethylbenzene	ND	0.0250	1	04/11/23	04/11/23	
Toluene	ND	0.0250	1	04/11/23	04/11/23	
o-Xylene	ND	0.0250	1	04/11/23	04/11/23	
p,m-Xylene	ND	0.0500	1	04/11/23	04/11/23	
Total Xylenes	ND	0.0250	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene	94.5 %	70-130		04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4	95.8 %	70-130		04/11/23	04/11/23	
Surrogate: Toluene-d8	101 %	70-130		04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2315011
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene	94.5 %	70-130		04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4	95.8 %	70-130		04/11/23	04/11/23	
Surrogate: Toluene-d8	101 %	70-130		04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2315013
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/23	04/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/23	04/11/23	
Surrogate: n-Nonane	101 %	50-200		04/11/23	04/11/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2315015
Chloride	ND	20.0	1	04/11/23	04/11/23	





## Sample Data

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

Project Name: Antares 23 Fed Com 1H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/12/2023 3:58:50PM

## CS11

## E304034-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2315011
Benzene	ND	0.0250	1	04/11/23	04/11/23	
Ethylbenzene	ND	0.0250	1	04/11/23	04/11/23	
Toluene	ND	0.0250	1	04/11/23	04/11/23	
o-Xylene	ND	0.0250	1	04/11/23	04/11/23	
p,m-Xylene	ND	0.0500	1	04/11/23	04/11/23	
Total Xylenes	ND	0.0250	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene		103 %	70-130	04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4		99.3 %	70-130	04/11/23	04/11/23	
Surrogate: Toluene-d8		101 %	70-130	04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2315011
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene		103 %	70-130	04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4		99.3 %	70-130	04/11/23	04/11/23	
Surrogate: Toluene-d8		101 %	70-130	04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2315013
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/23	04/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/23	04/11/23	
Surrogate: n-Nonane		98.4 %	50-200	04/11/23	04/11/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2315015
Chloride	ND	20.0	1	04/11/23	04/11/23	



## Sample Data

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

Project Name: Antares 23 Fed Com 1H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/12/2023 3:58:50PM

## CS12

## E304034-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2315011
Benzene	ND	0.0250	1	04/11/23	04/11/23	
Ethylbenzene	ND	0.0250	1	04/11/23	04/11/23	
Toluene	ND	0.0250	1	04/11/23	04/11/23	
o-Xylene	ND	0.0250	1	04/11/23	04/11/23	
p,m-Xylene	ND	0.0500	1	04/11/23	04/11/23	
Total Xylenes	ND	0.0250	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene	98.7 %	70-130		04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4	96.6 %	70-130		04/11/23	04/11/23	
Surrogate: Toluene-d8	103 %	70-130		04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2315011
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene	98.7 %	70-130		04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4	96.6 %	70-130		04/11/23	04/11/23	
Surrogate: Toluene-d8	103 %	70-130		04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2315013
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/23	04/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/23	04/11/23	
Surrogate: n-Nonane	100 %	50-200		04/11/23	04/11/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2315015
Chloride	ND	20.0	1	04/11/23	04/11/23	



## Sample Data

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

Project Name: Antares 23 Fed Com 1H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/12/2023 3:58:50PM

## CSW1

## E304034-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2315011
Benzene	ND	0.0250	1	04/11/23	04/11/23	
Ethylbenzene	ND	0.0250	1	04/11/23	04/11/23	
Toluene	ND	0.0250	1	04/11/23	04/11/23	
o-Xylene	ND	0.0250	1	04/11/23	04/11/23	
p,m-Xylene	ND	0.0500	1	04/11/23	04/11/23	
Total Xylenes	ND	0.0250	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene	99.4 %	70-130		04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		04/11/23	04/11/23	
Surrogate: Toluene-d8	103 %	70-130		04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2315011
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene	99.4 %	70-130		04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		04/11/23	04/11/23	
Surrogate: Toluene-d8	103 %	70-130		04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2315013
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/23	04/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/23	04/11/23	
Surrogate: n-Nonane	104 %	50-200		04/11/23	04/11/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2315015
Chloride	ND	20.0	1	04/11/23	04/11/23	



## Sample Data

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

Project Name: Antares 23 Fed Com 1H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/12/2023 3:58:50PM

## CSW2

## E304034-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2315011
Benzene	ND	0.0250	1	04/11/23	04/11/23	
Ethylbenzene	ND	0.0250	1	04/11/23	04/11/23	
Toluene	ND	0.0250	1	04/11/23	04/11/23	
o-Xylene	ND	0.0250	1	04/11/23	04/11/23	
p,m-Xylene	ND	0.0500	1	04/11/23	04/11/23	
Total Xylenes	ND	0.0250	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene		101 %	70-130	04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130	04/11/23	04/11/23	
Surrogate: Toluene-d8		102 %	70-130	04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2315011
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene		101 %	70-130	04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130	04/11/23	04/11/23	
Surrogate: Toluene-d8		102 %	70-130	04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2315013
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/23	04/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/23	04/11/23	
Surrogate: n-Nonane		105 %	50-200	04/11/23	04/11/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2315015
Chloride	ND	20.0	1	04/11/23	04/11/23	





## Sample Data

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

Project Name: Antares 23 Fed Com 1H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/12/2023 3:58:50PM

## CSW3

## E304034-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2315011
Benzene	ND	0.0250	1	04/11/23	04/11/23	
Ethylbenzene	ND	0.0250	1	04/11/23	04/11/23	
Toluene	ND	0.0250	1	04/11/23	04/11/23	
o-Xylene	ND	0.0250	1	04/11/23	04/11/23	
p,m-Xylene	ND	0.0500	1	04/11/23	04/11/23	
Total Xylenes	ND	0.0250	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene	97.9 %	70-130		04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4	98.2 %	70-130		04/11/23	04/11/23	
Surrogate: Toluene-d8	102 %	70-130		04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2315011
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene	97.9 %	70-130		04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4	98.2 %	70-130		04/11/23	04/11/23	
Surrogate: Toluene-d8	102 %	70-130		04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2315013
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/23	04/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/23	04/11/23	
Surrogate: n-Nonane	102 %	50-200		04/11/23	04/11/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2315015
Chloride	ND	20.0	1	04/11/23	04/11/23	



## Sample Data

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

Project Name: Antares 23 Fed Com 1H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/12/2023 3:58:50PM

## CSW4

E304034-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2315011
Benzene	ND	0.0250	1	04/11/23	04/11/23	
Ethylbenzene	ND	0.0250	1	04/11/23	04/11/23	
Toluene	ND	0.0250	1	04/11/23	04/11/23	
o-Xylene	ND	0.0250	1	04/11/23	04/11/23	
p,m-Xylene	ND	0.0500	1	04/11/23	04/11/23	
Total Xylenes	ND	0.0250	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene	99.2 %	70-130		04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4	97.0 %	70-130		04/11/23	04/11/23	
Surrogate: Toluene-d8	102 %	70-130		04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2315011
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene	99.2 %	70-130		04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4	97.0 %	70-130		04/11/23	04/11/23	
Surrogate: Toluene-d8	102 %	70-130		04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2315013
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/23	04/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/23	04/11/23	
Surrogate: n-Nonane	102 %	50-200		04/11/23	04/11/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2315015
Chloride	ND	20.0	1	04/11/23	04/11/23	



## Sample Data

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

Project Name: Antares 23 Fed Com 1H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/12/2023 3:58:50PM

## CSW5

E304034-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2315011
Benzene	ND	0.0250	1	04/11/23	04/11/23	
Ethylbenzene	ND	0.0250	1	04/11/23	04/11/23	
Toluene	ND	0.0250	1	04/11/23	04/11/23	
o-Xylene	ND	0.0250	1	04/11/23	04/11/23	
p,m-Xylene	ND	0.0500	1	04/11/23	04/11/23	
Total Xylenes	ND	0.0250	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene	98.1 %	70-130		04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4	98.4 %	70-130		04/11/23	04/11/23	
Surrogate: Toluene-d8	103 %	70-130		04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2315011
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene	98.1 %	70-130		04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4	98.4 %	70-130		04/11/23	04/11/23	
Surrogate: Toluene-d8	103 %	70-130		04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2315013
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/23	04/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/23	04/11/23	
Surrogate: n-Nonane	105 %	50-200		04/11/23	04/11/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2315015
Chloride	ND	20.0	1	04/11/23	04/11/23	



## Sample Data

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

Project Name: Antares 23 Fed Com 1H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/12/2023 3:58:50PM

## CSW6

E304034-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2315011
Benzene	ND	0.0250	1	04/11/23	04/11/23	
Ethylbenzene	ND	0.0250	1	04/11/23	04/11/23	
Toluene	ND	0.0250	1	04/11/23	04/11/23	
o-Xylene	ND	0.0250	1	04/11/23	04/11/23	
p,m-Xylene	ND	0.0500	1	04/11/23	04/11/23	
Total Xylenes	ND	0.0250	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene		100 %	70-130	04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	04/11/23	04/11/23	
Surrogate: Toluene-d8		102 %	70-130	04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2315011
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene		100 %	70-130	04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	04/11/23	04/11/23	
Surrogate: Toluene-d8		102 %	70-130	04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2315013
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/23	04/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/23	04/11/23	
Surrogate: n-Nonane		104 %	50-200	04/11/23	04/11/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2315015
Chloride	ND	20.0	1	04/11/23	04/11/23	





## Sample Data

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

Project Name: Antares 23 Fed Com 1H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/12/2023 3:58:50PM

## CSW7

## E304034-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2315011
Benzene	ND	0.0250	1	04/11/23	04/11/23	
Ethylbenzene	ND	0.0250	1	04/11/23	04/11/23	
Toluene	ND	0.0250	1	04/11/23	04/11/23	
o-Xylene	ND	0.0250	1	04/11/23	04/11/23	
p,m-Xylene	ND	0.0500	1	04/11/23	04/11/23	
Total Xylenes	ND	0.0250	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene	97.0 %	70-130		04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4	98.2 %	70-130		04/11/23	04/11/23	
Surrogate: Toluene-d8	102 %	70-130		04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2315011
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene	97.0 %	70-130		04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4	98.2 %	70-130		04/11/23	04/11/23	
Surrogate: Toluene-d8	102 %	70-130		04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2315013
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/23	04/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/23	04/11/23	
Surrogate: n-Nonane	104 %	50-200		04/11/23	04/11/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2315015
Chloride	ND	20.0	1	04/11/23	04/11/23	



## Sample Data

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

Project Name: Antares 23 Fed Com 1H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/12/2023 3:58:50PM

## CSW8

E304034-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2315011
Benzene	ND	0.0250	1	04/11/23	04/11/23	
Ethylbenzene	ND	0.0250	1	04/11/23	04/11/23	
Toluene	ND	0.0250	1	04/11/23	04/11/23	
o-Xylene	ND	0.0250	1	04/11/23	04/11/23	
p,m-Xylene	ND	0.0500	1	04/11/23	04/11/23	
Total Xylenes	ND	0.0250	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene	98.2 %	70-130		04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4	97.6 %	70-130		04/11/23	04/11/23	
Surrogate: Toluene-d8	101 %	70-130		04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2315011
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene	98.2 %	70-130		04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4	97.6 %	70-130		04/11/23	04/11/23	
Surrogate: Toluene-d8	101 %	70-130		04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2315013
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/23	04/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/23	04/11/23	
Surrogate: n-Nonane	108 %	50-200		04/11/23	04/11/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2315015
Chloride	ND	20.0	1	04/11/23	04/11/23	



## QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Antares 23 Fed Com 1H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/12/2023 3:58:50PM

## Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2315011-BLK1)

Prepared: 04/10/23 Analyzed: 04/11/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.453		0.500		90.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.480		0.500		96.0	70-130			
Surrogate: Toluene-d8	0.514		0.500		103	70-130			

## LCS (2315011-BS1)

Prepared: 04/10/23 Analyzed: 04/11/23

Benzene	2.35	0.0250	2.50		93.9	70-130			
Ethylbenzene	2.41	0.0250	2.50		96.5	70-130			
Toluene	2.37	0.0250	2.50		94.8	70-130			
o-Xylene	2.41	0.0250	2.50		96.6	70-130			
p,m-Xylene	4.81	0.0500	5.00		96.3	70-130			
Total Xylenes	7.23	0.0250	7.50		96.4	70-130			
Surrogate: Bromofluorobenzene	0.500		0.500		99.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.478		0.500		95.5	70-130			
Surrogate: Toluene-d8	0.511		0.500		102	70-130			

## LCS Dup (2315011-BSD1)

Prepared: 04/10/23 Analyzed: 04/11/23

Benzene	2.33	0.0250	2.50		93.0	70-130	0.941	23	
Ethylbenzene	2.37	0.0250	2.50		94.9	70-130	1.67	27	
Toluene	2.31	0.0250	2.50		92.4	70-130	2.48	24	
o-Xylene	2.36	0.0250	2.50		94.6	70-130	2.07	27	
p,m-Xylene	4.72	0.0500	5.00		94.4	70-130	1.98	27	
Total Xylenes	7.08	0.0250	7.50		94.5	70-130	2.01	27	
Surrogate: Bromofluorobenzene	0.502		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.4	70-130			
Surrogate: Toluene-d8	0.505		0.500		101	70-130			



## QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Antares 23 Fed Com 1H	<b>Reported:</b>
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/12/2023 3:58:50PM

## Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2315011-BLK1)

Prepared: 04/10/23 Analyzed: 04/11/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.453		0.500		90.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.480		0.500		96.0	70-130			
Surrogate: Toluene-d8	0.514		0.500		103	70-130			

## LCS (2315011-BS2)

Prepared: 04/10/23 Analyzed: 04/11/23

Gasoline Range Organics (C6-C10)	49.0	20.0	50.0		98.0	70-130			
Surrogate: Bromofluorobenzene	0.488		0.500		97.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.465		0.500		92.9	70-130			
Surrogate: Toluene-d8	0.510		0.500		102	70-130			

## LCS Dup (2315011-BSD2)

Prepared: 04/10/23 Analyzed: 04/11/23

Gasoline Range Organics (C6-C10)	50.7	20.0	50.0		101	70-130	3.43	20	
Surrogate: Bromofluorobenzene	0.485		0.500		97.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.477		0.500		95.4	70-130			
Surrogate: Toluene-d8	0.510		0.500		102	70-130			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Antares 23 Fed Com 1H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/12/2023 3:58:50PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2315013-BLK1)					Prepared: 04/11/23 Analyzed: 04/11/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	56.8		50.0		114	50-200			

LCS (2315013-BS1)					Prepared: 04/11/23 Analyzed: 04/11/23				
Diesel Range Organics (C10-C28)	315	25.0	250		126	38-132			
Surrogate: n-Nonane	52.4		50.0		105	50-200			

Matrix Spike (2315013-MS1)					Source: E304034-10		Prepared: 04/11/23 Analyzed: 04/12/23		
Diesel Range Organics (C10-C28)	258	25.0	250	ND	103	38-132			
Surrogate: n-Nonane	50.7		50.0		101	50-200			

Matrix Spike Dup (2315013-MSD1)					Source: E304034-10		Prepared: 04/11/23 Analyzed: 04/12/23		
Diesel Range Organics (C10-C28)	260	25.0	250	ND	104	38-132	0.801	20	
Surrogate: n-Nonane	50.3		50.0		101	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Antares 23 Fed Com 1H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/12/2023 3:58:50PM

Anions by EPA 300.0/9056A

Analyst: BA

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

Blank (2315015-BLK1)					Prepared: 04/11/23 Analyzed: 04/11/23				
Chloride	ND	20.0							
LCS (2315015-BS1)					Prepared: 04/11/23 Analyzed: 04/11/23				
Chloride	246	20.0	250		98.2	90-110			
Matrix Spike (2315015-MS1)					Source: E304034-01		Prepared: 04/11/23 Analyzed: 04/11/23		
Chloride	247	20.0	250	ND	99.0	80-120			
Matrix Spike Dup (2315015-MSD1)					Source: E304034-01		Prepared: 04/11/23 Analyzed: 04/11/23		
Chloride	250	20.0	250	ND	99.9	80-120	0.937	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:	Antares 23 Fed Com 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	04/12/23 15:58

- 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

Client: Pima Environmental Services		Bill To		Lab Use Only		TAT		EPA Program					
Project: <u>Antares 23 Fed.com/H</u>		Attention: <u>Devon</u>		Lab WO# <u>E304034</u>		Job Number <u>01058-0007</u>		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Tom Bynum		Address:		Analysis and Method								RCRA	
Address: 5614 N. Lovington Hwy.		City, State, Zip		DRO/DRO by 8015		GRO/DRO by 8015		BTEX by 8021		VOC by 8260		Metals 6010	
City, State, Zip Hobbs, NM. 88240		Phone:										Chloride 300.0	
Phone: 580-748-1613		Email:										BGDOC NM	
Email: tom@pimaoil.com		Pima Project # <u>268</u>										BGDOC TX	
Report due by:												State	
												NM CO UT AZ TX	
												Remarks	

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
8:00	4/12/23	S	1	CS1	1							X		
8:05				CS2	2									
8:10				CS3	3									
8:15				CS4	4									
8:20				CS5	5									
8:25				CS6	6									
8:30				CS7	7									
8:35				CS8	8									
8:40				CS9	9									
8:45				CS10	10									

## Additional Instructions:

Billing #: 21126617

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

Sampled by: Audriana Benandier

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 5 °C on subsequent days.

Relinquished by: (Signature) <u>AB</u>	Date <u>4-10-23</u>	Time <u>2:00</u>	Received by: (Signature) <u>Michelle Gump</u>	Date <u>4-10-23</u>	Time <u>1640</u>	Lab Use Only
Relinquished by: (Signature) <u>Michelle Gump</u>	Date <u>4-10-23</u>	Time <u>1830</u>	Received by: (Signature) <u>Lawrence Fer</u>	Date <u>4-10-23</u>	Time <u>1836</u>	Received on ice: <u>Y</u> / N
Relinquished by: (Signature) <u>Lawrence Fer</u>	Date <u>4-10-23</u>	Time <u>2415</u>	Received by: (Signature) <u>Alvin</u>	Date <u>4-11-23</u>	Time <u>7:15</u>	T1: T2: T3:
Sample Matrix: <u>S</u> - Soil, <u>sd</u> - Solid, <u>Sg</u> - Sludge, <u>A</u> - Aqueous, <u>O</u> - Other						AVG Temp °C <u>4</u>
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 4

Client: Pima Environmental Services		Bill To		Lab Use Only		TAT		EPA Program					
Project: Antares 23 Fed Com 14		Attention: Devon		Lab WO# E304034		Job Number 010586007		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Tom Bynum		Address:		Analysis and Method								RCRA	
Address: 5614 N. Lovington Hwy.		City, State, Zip											
City, State, Zip Hobbs, NM, 88240		Phone:											
Phone: 580-748-1613		Email:											
Email: tom@pimaoil.com		Pima Project # 068											
Report due by:													

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
8:50	4/7/23	S	1	CS11	11							X		
8:55				CS12	12									
9:00				CSW1	13									
9:05				CSW2	14									
9:10				CSW3	15									
9:15				CSW4	16									
9:20				CSW5	17									
9:25				CSW6	18									
9:30				CSW7	19									
9:35				CSW8	20									

## Additional Instructions:

Billing #: 21121617

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

Sampled by: Audriana Benavides

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 5 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Received on ice: Y/N
4/10/23	2:00	4/10/23	16:40			
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	T1 T2 T3
4/10/23	1830	4-10-23	1830			
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	AVG Temp °C
4-11-23	2415	4-11-23	7:15			4

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

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

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

## Envirotech Analytical Laboratory

Printed: 4/11/2023 1:20:56PM

## 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:	04/11/23 07:15	Work Order ID:	E304034
Phone:	(575) 631-6977	Date Logged In:	04/10/23 16:33	Logged In By:	Caitlin Christian
Email:	tom@pimaoil.com	Due Date:	04/11/23 17:00 (0 day TAT)		

**Chain of Custody (COC)**

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

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

Carrier: Courier**Comments/Resolution****Sample Turn Around Time (TAT)**

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

**Sample Cooler**

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

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

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

**Sample Container**

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

**Field Label**

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



Report to:  
Tom Bynum



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Antares 23 Fed Com 1H

Work Order: E304035

Job Number: 01058-0007

Received: 4/11/2023

Revision: 2

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
4/12/23

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: 4/12/23



Tom Bynum  
PO Box 247  
Plains, TX 79355-0247

Project Name: Antares 23 Fed Com 1H  
Workorder: E304035  
Date Received: 4/11/2023 7:15:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/11/2023 7:15:00AM, under the Project Name: Antares 23 Fed Com 1H.

The analytical test results summarized in this report with the Project Name: Antares 23 Fed Com 1H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues 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](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto: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](mailto: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](http://www.envirotech-inc.com)



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## Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Antares 23 Fed Com 1H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	04/12/23 15:22

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CSW9	E304035-01A	Soil	04/07/23	04/11/23	Glass Jar, 2 oz.
CSW10	E304035-02A	Soil	04/07/23	04/11/23	Glass Jar, 2 oz.
CSW11	E304035-03A	Soil	04/07/23	04/11/23	Glass Jar, 2 oz.
CSW12	E304035-04A	Soil	04/07/23	04/11/23	Glass Jar, 2 oz.
CSW13	E304035-05A	Soil	04/07/23	04/11/23	Glass Jar, 2 oz.
CSW14	E304035-06A	Soil	04/07/23	04/11/23	Glass Jar, 2 oz.
CSW15	E304035-07A	Soil	04/07/23	04/11/23	Glass Jar, 2 oz.
CSW16	E304035-08A	Soil	04/07/23	04/11/23	Glass Jar, 2 oz.
CSW17	E304035-09A	Soil	04/07/23	04/11/23	Glass Jar, 2 oz.
CSW18	E304035-10A	Soil	04/07/23	04/11/23	Glass Jar, 2 oz.
CSW19	E304035-11A	Soil	04/07/23	04/11/23	Glass Jar, 2 oz.
CSW20	E304035-12A	Soil	04/07/23	04/11/23	Glass Jar, 2 oz.
CSW21	E304035-13A	Soil	04/07/23	04/11/23	Glass Jar, 2 oz.
CSW22	E304035-14A	Soil	04/07/23	04/11/23	Glass Jar, 2 oz.
CSW23	E304035-15A	Soil	04/07/23	04/11/23	Glass Jar, 2 oz.
CSW24	E304035-16A	Soil	04/07/23	04/11/23	Glass Jar, 2 oz.



## Sample Data

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

Project Name: Antares 23 Fed Com 1H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/12/2023 3:22:03PM

## CSW9

## E304035-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2315012
Benzene	ND	0.0250	1	04/11/23	04/11/23	
Ethylbenzene	ND	0.0250	1	04/11/23	04/11/23	
Toluene	ND	0.0250	1	04/11/23	04/11/23	
o-Xylene	ND	0.0250	1	04/11/23	04/11/23	
p,m-Xylene	ND	0.0500	1	04/11/23	04/11/23	
Total Xylenes	ND	0.0250	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene	99.6 %	70-130		04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4	112 %	70-130		04/11/23	04/11/23	
Surrogate: Toluene-d8	102 %	70-130		04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2315012
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene	99.6 %	70-130		04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4	112 %	70-130		04/11/23	04/11/23	
Surrogate: Toluene-d8	102 %	70-130		04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2315014
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/23	04/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/23	04/11/23	
Surrogate: n-Nonane	88.5 %	50-200		04/11/23	04/11/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2315016
Chloride	ND	20.0	1	04/11/23	04/11/23	





## Sample Data

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

Project Name: Antares 23 Fed Com 1H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/12/2023 3:22:03PM

## CSW10

## E304035-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2315012
Benzene	ND	0.0250	1	04/11/23	04/11/23	
Ethylbenzene	ND	0.0250	1	04/11/23	04/11/23	
Toluene	ND	0.0250	1	04/11/23	04/11/23	
o-Xylene	ND	0.0250	1	04/11/23	04/11/23	
p,m-Xylene	ND	0.0500	1	04/11/23	04/11/23	
Total Xylenes	ND	0.0250	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene		101 %	70-130	04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4		110 %	70-130	04/11/23	04/11/23	
Surrogate: Toluene-d8		103 %	70-130	04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2315012
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene		101 %	70-130	04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4		110 %	70-130	04/11/23	04/11/23	
Surrogate: Toluene-d8		103 %	70-130	04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2315014
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/23	04/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/23	04/11/23	
Surrogate: n-Nonane		89.7 %	50-200	04/11/23	04/11/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2315016
Chloride	ND	20.0	1	04/11/23	04/11/23	



## Sample Data

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

Project Name: Antares 23 Fed Com 1H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/12/2023 3:22:03PM

## CSW11

## E304035-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2315012
Benzene	ND	0.0250	1	04/11/23	04/11/23	
Ethylbenzene	ND	0.0250	1	04/11/23	04/11/23	
Toluene	ND	0.0250	1	04/11/23	04/11/23	
o-Xylene	ND	0.0250	1	04/11/23	04/11/23	
p,m-Xylene	ND	0.0500	1	04/11/23	04/11/23	
Total Xylenes	ND	0.0250	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene	99.3 %	70-130		04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4	116 %	70-130		04/11/23	04/11/23	
Surrogate: Toluene-d8	102 %	70-130		04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2315012
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene	99.3 %	70-130		04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4	116 %	70-130		04/11/23	04/11/23	
Surrogate: Toluene-d8	102 %	70-130		04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2315014
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/23	04/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/23	04/11/23	
Surrogate: n-Nonane	91.0 %	50-200		04/11/23	04/11/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2315016
Chloride	ND	20.0	1	04/11/23	04/11/23	



## Sample Data

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

Project Name: Antares 23 Fed Com 1H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/12/2023 3:22:03PM

## CSW12

## E304035-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2315012
Benzene	ND	0.0250	1	04/11/23	04/11/23	
Ethylbenzene	ND	0.0250	1	04/11/23	04/11/23	
Toluene	ND	0.0250	1	04/11/23	04/11/23	
o-Xylene	ND	0.0250	1	04/11/23	04/11/23	
p,m-Xylene	ND	0.0500	1	04/11/23	04/11/23	
Total Xylenes	ND	0.0250	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene	96.9 %	70-130		04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4	111 %	70-130		04/11/23	04/11/23	
Surrogate: Toluene-d8	102 %	70-130		04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2315012
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene	96.9 %	70-130		04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4	111 %	70-130		04/11/23	04/11/23	
Surrogate: Toluene-d8	102 %	70-130		04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2315014
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/23	04/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/23	04/11/23	
Surrogate: n-Nonane	87.7 %	50-200		04/11/23	04/11/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2315016
Chloride	ND	20.0	1	04/11/23	04/11/23	



## Sample Data

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

Project Name: Antares 23 Fed Com 1H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/12/2023 3:22:03PM

## CSW13

## E304035-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2315012
Benzene	ND	0.0250	1	04/11/23	04/11/23	
Ethylbenzene	ND	0.0250	1	04/11/23	04/11/23	
Toluene	ND	0.0250	1	04/11/23	04/11/23	
o-Xylene	ND	0.0250	1	04/11/23	04/11/23	
p,m-Xylene	ND	0.0500	1	04/11/23	04/11/23	
Total Xylenes	ND	0.0250	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene	97.6 %	70-130		04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4	114 %	70-130		04/11/23	04/11/23	
Surrogate: Toluene-d8	103 %	70-130		04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2315012
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene	97.6 %	70-130		04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4	114 %	70-130		04/11/23	04/11/23	
Surrogate: Toluene-d8	103 %	70-130		04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2315014
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/23	04/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/23	04/11/23	
Surrogate: n-Nonane	91.6 %	50-200		04/11/23	04/11/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2315016
Chloride	ND	20.0	1	04/11/23	04/11/23	



## Sample Data

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

Project Name: Antares 23 Fed Com 1H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/12/2023 3:22:03PM

## CSW14

## E304035-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2315012
Benzene	ND	0.0250	1	04/11/23	04/11/23	
Ethylbenzene	ND	0.0250	1	04/11/23	04/11/23	
Toluene	ND	0.0250	1	04/11/23	04/11/23	
o-Xylene	ND	0.0250	1	04/11/23	04/11/23	
p,m-Xylene	ND	0.0500	1	04/11/23	04/11/23	
Total Xylenes	ND	0.0250	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene	98.0 %	70-130		04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4	113 %	70-130		04/11/23	04/11/23	
Surrogate: Toluene-d8	103 %	70-130		04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2315012
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene	98.0 %	70-130		04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4	113 %	70-130		04/11/23	04/11/23	
Surrogate: Toluene-d8	103 %	70-130		04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2315014
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/23	04/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/23	04/11/23	
Surrogate: n-Nonane	82.2 %	50-200		04/11/23	04/11/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2315016
Chloride	ND	20.0	1	04/11/23	04/11/23	





## Sample Data

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

Project Name: Antares 23 Fed Com 1H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/12/2023 3:22:03PM

## CSW15

E304035-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2315012
Benzene	ND	0.0250	1	04/11/23	04/11/23	
Ethylbenzene	ND	0.0250	1	04/11/23	04/11/23	
Toluene	ND	0.0250	1	04/11/23	04/11/23	
o-Xylene	ND	0.0250	1	04/11/23	04/11/23	
p,m-Xylene	ND	0.0500	1	04/11/23	04/11/23	
Total Xylenes	ND	0.0250	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene	98.6 %	70-130		04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4	115 %	70-130		04/11/23	04/11/23	
Surrogate: Toluene-d8	104 %	70-130		04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2315012
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene	98.6 %	70-130		04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4	115 %	70-130		04/11/23	04/11/23	
Surrogate: Toluene-d8	104 %	70-130		04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2315014
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/23	04/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/23	04/11/23	
Surrogate: n-Nonane	65.3 %	50-200		04/11/23	04/11/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2315016
Chloride	ND	20.0	1	04/11/23	04/11/23	



## Sample Data

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

Project Name: Antares 23 Fed Com 1H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/12/2023 3:22:03PM

## CSW16

## E304035-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2315012
Benzene	ND	0.0250	1	04/11/23	04/11/23	
Ethylbenzene	ND	0.0250	1	04/11/23	04/11/23	
Toluene	ND	0.0250	1	04/11/23	04/11/23	
o-Xylene	ND	0.0250	1	04/11/23	04/11/23	
p,m-Xylene	ND	0.0500	1	04/11/23	04/11/23	
Total Xylenes	ND	0.0250	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene	97.8 %	70-130		04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4	111 %	70-130		04/11/23	04/11/23	
Surrogate: Toluene-d8	102 %	70-130		04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2315012
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene	97.8 %	70-130		04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4	111 %	70-130		04/11/23	04/11/23	
Surrogate: Toluene-d8	102 %	70-130		04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2315014
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/23	04/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/23	04/11/23	
Surrogate: n-Nonane	91.0 %	50-200		04/11/23	04/11/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2315016
Chloride	ND	20.0	1	04/11/23	04/11/23	



## Sample Data

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

Project Name: Antares 23 Fed Com 1H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/12/2023 3:22:03PM

## CSW17

## E304035-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2315012
Benzene	ND	0.0250	1	04/11/23	04/11/23	
Ethylbenzene	ND	0.0250	1	04/11/23	04/11/23	
Toluene	ND	0.0250	1	04/11/23	04/11/23	
o-Xylene	ND	0.0250	1	04/11/23	04/11/23	
p,m-Xylene	ND	0.0500	1	04/11/23	04/11/23	
Total Xylenes	ND	0.0250	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene	95.8 %	70-130		04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4	111 %	70-130		04/11/23	04/11/23	
Surrogate: Toluene-d8	104 %	70-130		04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2315012
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene	95.8 %	70-130		04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4	111 %	70-130		04/11/23	04/11/23	
Surrogate: Toluene-d8	104 %	70-130		04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2315014
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/23	04/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/23	04/11/23	
Surrogate: n-Nonane	103 %	50-200		04/11/23	04/11/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2315016
Chloride	ND	20.0	1	04/11/23	04/11/23	



## Sample Data

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

Project Name: Antares 23 Fed Com 1H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/12/2023 3:22:03PM

## CSW18

## E304035-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2315012
Benzene	ND	0.0250	1	04/11/23	04/11/23	
Ethylbenzene	ND	0.0250	1	04/11/23	04/11/23	
Toluene	ND	0.0250	1	04/11/23	04/11/23	
o-Xylene	ND	0.0250	1	04/11/23	04/11/23	
p,m-Xylene	ND	0.0500	1	04/11/23	04/11/23	
Total Xylenes	ND	0.0250	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene	98.2 %	70-130		04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		04/11/23	04/11/23	
Surrogate: Toluene-d8	104 %	70-130		04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2315012
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene	98.2 %	70-130		04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		04/11/23	04/11/23	
Surrogate: Toluene-d8	104 %	70-130		04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2315014
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/23	04/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/23	04/11/23	
Surrogate: n-Nonane	107 %	50-200		04/11/23	04/11/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2315016
Chloride	ND	20.0	1	04/11/23	04/11/23	



## Sample Data

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

Project Name: Antares 23 Fed Com 1H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/12/2023 3:22:03PM

## CSW19

## E304035-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2315012
Benzene	ND	0.0250	1	04/11/23	04/11/23	
Ethylbenzene	ND	0.0250	1	04/11/23	04/11/23	
Toluene	ND	0.0250	1	04/11/23	04/11/23	
o-Xylene	ND	0.0250	1	04/11/23	04/11/23	
p,m-Xylene	ND	0.0500	1	04/11/23	04/11/23	
Total Xylenes	ND	0.0250	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene	98.2 %	70-130		04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4	115 %	70-130		04/11/23	04/11/23	
Surrogate: Toluene-d8	101 %	70-130		04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2315012
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene	98.2 %	70-130		04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4	115 %	70-130		04/11/23	04/11/23	
Surrogate: Toluene-d8	101 %	70-130		04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2315014
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/23	04/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/23	04/11/23	
Surrogate: n-Nonane	110 %	50-200		04/11/23	04/11/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2315016
Chloride	ND	20.0	1	04/11/23	04/11/23	





## Sample Data

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

Project Name: Antares 23 Fed Com 1H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/12/2023 3:22:03PM

## CSW20

## E304035-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2315012
Benzene	ND	0.0250	1	04/11/23	04/11/23	
Ethylbenzene	ND	0.0250	1	04/11/23	04/11/23	
Toluene	ND	0.0250	1	04/11/23	04/11/23	
o-Xylene	ND	0.0250	1	04/11/23	04/11/23	
p,m-Xylene	ND	0.0500	1	04/11/23	04/11/23	
Total Xylenes	ND	0.0250	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene	98.0 %	70-130		04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4	117 %	70-130		04/11/23	04/11/23	
Surrogate: Toluene-d8	103 %	70-130		04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2315012
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene	98.0 %	70-130		04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4	117 %	70-130		04/11/23	04/11/23	
Surrogate: Toluene-d8	103 %	70-130		04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2315014
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/23	04/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/23	04/11/23	
Surrogate: n-Nonane	109 %	50-200		04/11/23	04/11/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2315016
Chloride	ND	20.0	1	04/11/23	04/11/23	



## Sample Data

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

Project Name: Antares 23 Fed Com 1H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/12/2023 3:22:03PM

## CSW21

## E304035-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2315012
Benzene	ND	0.0250	1	04/11/23	04/11/23	
Ethylbenzene	ND	0.0250	1	04/11/23	04/11/23	
Toluene	ND	0.0250	1	04/11/23	04/11/23	
o-Xylene	ND	0.0250	1	04/11/23	04/11/23	
p,m-Xylene	ND	0.0500	1	04/11/23	04/11/23	
Total Xylenes	ND	0.0250	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene	93.0 %	70-130		04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		04/11/23	04/11/23	
Surrogate: Toluene-d8	103 %	70-130		04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2315012
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene	93.0 %	70-130		04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		04/11/23	04/11/23	
Surrogate: Toluene-d8	103 %	70-130		04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2315014
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/23	04/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/23	04/11/23	
Surrogate: n-Nonane	107 %	50-200		04/11/23	04/11/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2315016
Chloride	ND	20.0	1	04/11/23	04/11/23	



## Sample Data

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

Project Name: Antares 23 Fed Com 1H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/12/2023 3:22:03PM

## CSW22

## E304035-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2315012
Benzene	ND	0.0250	1	04/11/23	04/11/23	
Ethylbenzene	ND	0.0250	1	04/11/23	04/11/23	
Toluene	ND	0.0250	1	04/11/23	04/11/23	
o-Xylene	ND	0.0250	1	04/11/23	04/11/23	
p,m-Xylene	ND	0.0500	1	04/11/23	04/11/23	
Total Xylenes	ND	0.0250	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene	92.1 %	70-130		04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		04/11/23	04/11/23	
Surrogate: Toluene-d8	102 %	70-130		04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2315012
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene	92.1 %	70-130		04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		04/11/23	04/11/23	
Surrogate: Toluene-d8	102 %	70-130		04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2315014
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/23	04/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/23	04/11/23	
Surrogate: n-Nonane	108 %	50-200		04/11/23	04/11/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2315016
Chloride	ND	20.0	1	04/11/23	04/11/23	



## Sample Data

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

Project Name: Antares 23 Fed Com 1H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/12/2023 3:22:03PM

## CSW23

## E304035-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2315012
Benzene	ND	0.0250	1	04/11/23	04/11/23	
Ethylbenzene	ND	0.0250	1	04/11/23	04/11/23	
Toluene	ND	0.0250	1	04/11/23	04/11/23	
o-Xylene	ND	0.0250	1	04/11/23	04/11/23	
p,m-Xylene	ND	0.0500	1	04/11/23	04/11/23	
Total Xylenes	ND	0.0250	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene	98.6 %	70-130		04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4	99.1 %	70-130		04/11/23	04/11/23	
Surrogate: Toluene-d8	102 %	70-130		04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2315012
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene	98.6 %	70-130		04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4	99.1 %	70-130		04/11/23	04/11/23	
Surrogate: Toluene-d8	102 %	70-130		04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2315014
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/23	04/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/23	04/11/23	
Surrogate: n-Nonane	109 %	50-200		04/11/23	04/11/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2315016
Chloride	ND	20.0	1	04/11/23	04/11/23	



## Sample Data

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

Project Name: Antares 23 Fed Com 1H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
4/12/2023 3:22:03PM

## CSW24

## E304035-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2315012
Benzene	ND	0.0250	1	04/11/23	04/11/23	
Ethylbenzene	ND	0.0250	1	04/11/23	04/11/23	
Toluene	ND	0.0250	1	04/11/23	04/11/23	
o-Xylene	ND	0.0250	1	04/11/23	04/11/23	
p,m-Xylene	ND	0.0500	1	04/11/23	04/11/23	
Total Xylenes	ND	0.0250	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene	97.5 %	70-130		04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		04/11/23	04/11/23	
Surrogate: Toluene-d8	103 %	70-130		04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2315012
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/11/23	04/11/23	
Surrogate: Bromofluorobenzene	97.5 %	70-130		04/11/23	04/11/23	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		04/11/23	04/11/23	
Surrogate: Toluene-d8	103 %	70-130		04/11/23	04/11/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2315014
Diesel Range Organics (C10-C28)	ND	25.0	1	04/11/23	04/11/23	
Oil Range Organics (C28-C36)	ND	50.0	1	04/11/23	04/11/23	
Surrogate: n-Nonane	109 %	50-200		04/11/23	04/11/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2315016
Chloride	ND	20.0	1	04/11/23	04/11/23	





## QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Antares 23 Fed Com 1H	<b>Reported:</b> 4/12/2023 3:22:03PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

## Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2315012-BLK1)

Prepared: 04/10/23 Analyzed: 04/10/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.497		0.500		99.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.560		0.500		112	70-130			
Surrogate: Toluene-d8	0.522		0.500		104	70-130			

## LCS (2315012-BS1)

Prepared: 04/10/23 Analyzed: 04/10/23

Benzene	2.57	0.0250	2.50		103	70-130			
Ethylbenzene	2.54	0.0250	2.50		101	70-130			
Toluene	2.60	0.0250	2.50		104	70-130			
o-Xylene	2.56	0.0250	2.50		102	70-130			
p,m-Xylene	5.13	0.0500	5.00		103	70-130			
Total Xylenes	7.69	0.0250	7.50		103	70-130			
Surrogate: Bromofluorobenzene	0.531		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.572		0.500		114	70-130			
Surrogate: Toluene-d8	0.515		0.500		103	70-130			

## LCS Dup (2315012-BSD1)

Prepared: 04/10/23 Analyzed: 04/10/23

Benzene	2.10	0.0250	2.50		84.0	70-130	20.1	23	
Ethylbenzene	2.10	0.0250	2.50		84.1	70-130	18.6	27	
Toluene	2.13	0.0250	2.50		85.2	70-130	19.9	24	
o-Xylene	2.11	0.0250	2.50		84.2	70-130	19.4	27	
p,m-Xylene	4.26	0.0500	5.00		85.2	70-130	18.6	27	
Total Xylenes	6.37	0.0250	7.50		84.9	70-130	18.8	27	
Surrogate: Bromofluorobenzene	0.525		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.564		0.500		113	70-130			
Surrogate: Toluene-d8	0.509		0.500		102	70-130			



## QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Antares 23 Fed Com 1H	<b>Reported:</b> 4/12/2023 3:22:03PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

## Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2315012-BLK1)

Prepared: 04/10/23 Analyzed: 04/10/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.497		0.500		99.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.560		0.500		112	70-130			
Surrogate: Toluene-d8	0.522		0.500		104	70-130			

## LCS (2315012-BS2)

Prepared: 04/10/23 Analyzed: 04/10/23

Gasoline Range Organics (C6-C10)	57.1	20.0	50.0		114	70-130			
Surrogate: Bromofluorobenzene	0.499		0.500		99.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.539		0.500		108	70-130			
Surrogate: Toluene-d8	0.524		0.500		105	70-130			

## LCS Dup (2315012-BSD2)

Prepared: 04/10/23 Analyzed: 04/10/23

Gasoline Range Organics (C6-C10)	55.6	20.0	50.0		111	70-130	2.72	20	
Surrogate: Bromofluorobenzene	0.521		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.561		0.500		112	70-130			
Surrogate: Toluene-d8	0.525		0.500		105	70-130			



## QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Antares 23 Fed Com 1H	<b>Reported:</b>
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/12/2023 3:22:03PM

## Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2315014-BLK1)

Prepared: 04/11/23 Analyzed: 04/11/23

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	54.7		50.0		109	50-200			

## LCS (2315014-BS1)

Prepared: 04/11/23 Analyzed: 04/11/23

Diesel Range Organics (C10-C28)	279	25.0	250		111	38-132			
Surrogate: <i>n</i> -Nonane	54.8		50.0		110	50-200			

## Matrix Spike (2315014-MS1)

Source: E304035-16

Prepared: 04/11/23 Analyzed: 04/11/23

Diesel Range Organics (C10-C28)	289	25.0	250	ND	116	38-132			
Surrogate: <i>n</i> -Nonane	55.2		50.0		110	50-200			

## Matrix Spike Dup (2315014-MSD1)

Source: E304035-16

Prepared: 04/11/23 Analyzed: 04/11/23

Diesel Range Organics (C10-C28)	279	25.0	250	ND	112	38-132	3.46	20	
Surrogate: <i>n</i> -Nonane	53.9		50.0		108	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Antares 23 Fed Com 1H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	4/12/2023 3:22:03PM

Anions by EPA 300.0/9056A

Analyst: BA

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

Blank (2315016-BLK1)					Prepared: 04/11/23 Analyzed: 04/11/23				
Chloride	ND	20.0							
LCS (2315016-BS1)					Prepared: 04/11/23 Analyzed: 04/11/23				
Chloride	243	20.0	250		97.2	90-110			
Matrix Spike (2315016-MS1)					Source: E304035-01		Prepared: 04/11/23 Analyzed: 04/11/23		
Chloride	248	20.0	250	ND	99.3	80-120			
Matrix Spike Dup (2315016-MSD1)					Source: E304035-01		Prepared: 04/11/23 Analyzed: 04/11/23		
Chloride	248	20.0	250	ND	99.3	80-120	0.0645	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:	Antares 23 Fed Com 1H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	04/12/23 15:22

- 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

Client: Pima Environmental Services		Bill To		Lab Use Only		TAT		EPA Program					
Project: <u>Antares 23 Fed.com 14</u>		Attention: <u>Devon</u>		Lab WO# <u>E 304038</u>		Job Number <u>010586-0007</u>		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Tom Bynum		Address:		Analysis and Method								RCRA	
Address: 5614 N. Lovington Hwy.		City, State, Zip		DRO/ORO by 8015		GRO/ORO by 8015		BTEX by 8021		VOC by 8260		Metals 6010	
City, State, Zip Hobbs, NM, 88240		Phone:										Chloride 300.0	
Phone: 580-748-1613		Email:										BGDOC NM	
Email: tom@pimaoil.com		Pima Project # <u>248</u>										BGDOC TX	
Report due by:												State	
												NM CO UT AZ TX	
												Remarks	

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
9:40	4/7/23	S	1	CSW9	1							X		
9:45				CSW10	2									
9:50				CSW11	3									
9:55				CSW12	4									
10:00				CSW13	5									
10:05				CSW14	6									
10:10				CSW15	7									
10:15				CSW16	8									
10:20				CSW17	9									
10:25				CSW18	10									

## Additional Instructions:

Billing #: 21124017

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

Sampled by: Audriana Benavidez

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 5 °C on subsequent days.

Relinquished by: (Signature) <u>AS</u>	Date <u>4-10-23</u>	Time <u>2:00</u>	Received by: (Signature) <u>Maria Cuyler</u>	Date <u>4-10-23</u>	Time <u>16:40</u>	Received on ice: <u>Y</u> N
Relinquished by: (Signature) <u>Maria Cuyler</u>	Date <u>4-10-23</u>	Time <u>1830</u>	Received by: (Signature) <u>Lorena Ken</u>	Date <u>4-10-23</u>	Time <u>1830</u>	T1: T2: T3:
Relinquished by: (Signature) <u>Lorena Ken</u>	Date <u>4-11-23</u>	Time <u>2415</u>	Received by: (Signature) <u>Alfred</u>	Date <u>4-11-23</u>	Time <u>7:15</u>	AVG Temp °C <u>4</u>

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

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


**envirotech**



## Project Information

## Chain of Custody

Client: Pima Environmental Services		Bill To		Lab Use Only		TAT		EPA Program					
Project: Antares 23 Fed.com 14		Attention: Devon		Lab WO# 5		Job Number 01058-0007		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Tom Bynum		Address:		F 3040 38		Analysis and Method		RCRA					
Address: 5614 N. Lovington Hwy.		City, State, Zip						State					
City, State, Zip Hobbs, NM, 88240		Phone:						NM CO UT AZ TX					
Phone: 580-748-1613		Email:						Remarks					
Email: tom@pimaoil.com		Pima Project # 268											
Report due by:													

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
10:30	4/7/23	S	1	CSW 19	11							X		
10:35				CSW 20	12									
10:40				CSW 21	13									
10:45				CSW 22	14									
10:50				CSW 23	15									
10:55				CSW 24	16									

## Additional Instructions:

Billing #: 211246017

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

Sampled by: Adriana Benavidez

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 5 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only
<u>Adriana Benavidez</u>	4-10-23	2:00	<u>Michelle Guye</u>	4-10-23	16:40	Received on ice: <u>Y</u> N
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	T1
<u>Michelle Guye</u>	4-10-23	18:30	<u>Lucas</u>	4-10-23	18:30	T2
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	T3
<u>Lucas</u>	4-10-23	24:15	<u>Adriana</u>	4-11-23	7:15	AVG Temp °C <u>4</u>
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other						Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

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

## Envirotech Analytical Laboratory

Printed: 4/11/2023 1:22:23PM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	04/11/23 07:15	Work Order ID:	E304035
Phone:	(575) 631-6977	Date Logged In:	04/10/23 16:34	Logged In By:	Caitlin Christian
Email:	tom@pimaoil.com	Due Date:	04/11/23 17:00 (0 day TAT)		

**Chain of Custody (COC)**

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

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

Carrier: Courier**Comments/Resolution****Sample Turn Around Time (TAT)**

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

**Sample Cooler**

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

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

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

**Sample Container**

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

**Field Label**

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

**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 212411

**CONDITIONS**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 212411
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NAPP2304155265 ANTARES 23 FEDERAL COM #001H, thank you. This closure is approved.	9/14/2023