

Incident ID	NAPC0730336794
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?	<50 (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.

Oil Conservation Division

Incident ID	NAPC0730336794
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Facility ID	
Application ID	

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

Printed Name: Dale Woodall Title: Environmental Professional

Signature: *Dale Woodall* Date: 6/29/2023

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

**OCD Only**

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

Incident ID	NAPC0730336794
District RP	
Facility ID	
Application ID	

## Closure

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

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

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

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

Printed Name: Dale Woodall Title: Environmental Professional  
 Signature: Dale Woodall Date: 6/29/2023  
 email: dale.woodall@dvn.com Telephone: 575-748-1839

**OCD Only**

Received by: OCD Date: 6/29/2023

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: Ashley Maxwell Date: 6/30/2023  
 Printed Name: Ashley Maxwell Title: Environmental Specialist



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

June 28<sup>th</sup>, 2023

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

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

**Re: Site Assessment, Remediation, and Closure Report**  
**WEST CORBIN 19 FEDERAL BATTERY**  
**API No. 30-025-33468**  
**GPS: Latitude 32.7382889 Longitude -103.7090836**  
**UL -- D, Sec. 19, T18S, R33E**  
**Lea County, NM**  
**NMOCD Ref. No. NPAC0730336794**

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 an unspecified release that occurred at the West Corbin 19 Federal Battery (West Corbin). The initial C-141 was submitted on October 4<sup>th</sup>, 2007 (Appendix C). This incident was assigned Incident ID NPAC0730336794 by the New Mexico Oil Conservation Division (NMOCD).

**Site Characterization**

The West Corbin is located approximately nine (9) miles southeast of Maljamar, NM. This spill site is in Unit D, Section 19, Township 18S, Range 33E, Latitude 32.7382889 Longitude -103.7090836, Lea County, NM. Figure 1 references a Location Map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is in the eolian and piedmont deposits (Holocene to middle Pleistocene). The soil in this area is made up of Kermit-Palomas fine sands, 0 to 12 percent slopes according to the United States Department of Agriculture Natural Resources Conservation Service soil survey (Appendix B). The drainage courses in this area are well-drained. There is a low potential for karst geology to be present in the area of the West Corbin (Figure 3).

According to the New Mexico Office of the State Engineer, depth to the nearest groundwater in this area is 35 feet below grade surface (BGS). According to the United States Geological Survey (USGS), the nearest groundwater is greater than 40.27 feet BGS. The closest waterway is an unnamed salt playa, located approximately 10.19 miles to the southwest of this location. See Appendix A for referenced water surveys.

Table 1 NMAC and Closure Criteria 19.15.29					
Depth to Groundwater (Appendix A)	Constituent & Limits				
	Chlorides	Total TPH	GRO+DRO	BTEX	Benzene
<50' (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.

**Release Information**

**NPAC0730336794:** On October 4<sup>th</sup>, 2007, a hole developed on a three-inch plastic-coated pipe on a transfer pump. All contamination remained on location.

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

On May 16<sup>th</sup>, 2023, Pima Environmental mobilized personnel to assess the impacted area. Upon arriving at the location Pima discovered the engineered pad had been reclaimed. Pima collected a total of thirty-two soil samples for laboratory analysis. Twelve bottom samples (S1-S12) were collected at depths of 1 and 4 feet to determine vertical delineation. Additionally, side wall samples (SW1-SW8) were collected at a depth of 6 inches to determine horizontal delineation. An initial site map can be found in Figure 4.

5-16-23 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
DEVON ENERGY -WEST CORBIN 19 FEDERAL #001								
Sample Date: 5/16/2023		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	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S-2	1'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S-3	1'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S-4	1'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S-5	1'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S-6	1'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S-7	1'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S-8	1'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S-9	1'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S-10	1'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S-11	1'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S-12	1'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
SW 1	0-6"	ND	ND	ND	ND	ND	0	ND
SW 2	0-6"	ND	ND	ND	ND	ND	0	ND
SW 3	0-6"	ND	ND	ND	ND	ND	0	ND
SW 4	0-6"	ND	ND	ND	ND	ND	0	ND
SW 5	0-6"	ND	ND	ND	ND	ND	0	ND
SW 6	0-6"	ND	ND	ND	ND	ND	0	ND
SW 7	0-6"	ND	ND	ND	ND	ND	0	ND
SW 8	0-6"	ND	ND	ND	ND	ND	0	ND

ND: Analyte Non-Detect

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

**Closure Request**

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

After careful review, Pima requests that this incident, NPAC0730336794, be closed. Devon has complied with the applicable closure requirements set forth in rule 19.15.19.12 NMAC.

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

Respectfully,

*Sebastian Orozco*

Sebastian Orozco  
Environmental Professional  
Pima Environment Services, LLC

**Attachments**

Figures:

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

Appendices:

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



Pima Environmental Services

**Figures:**

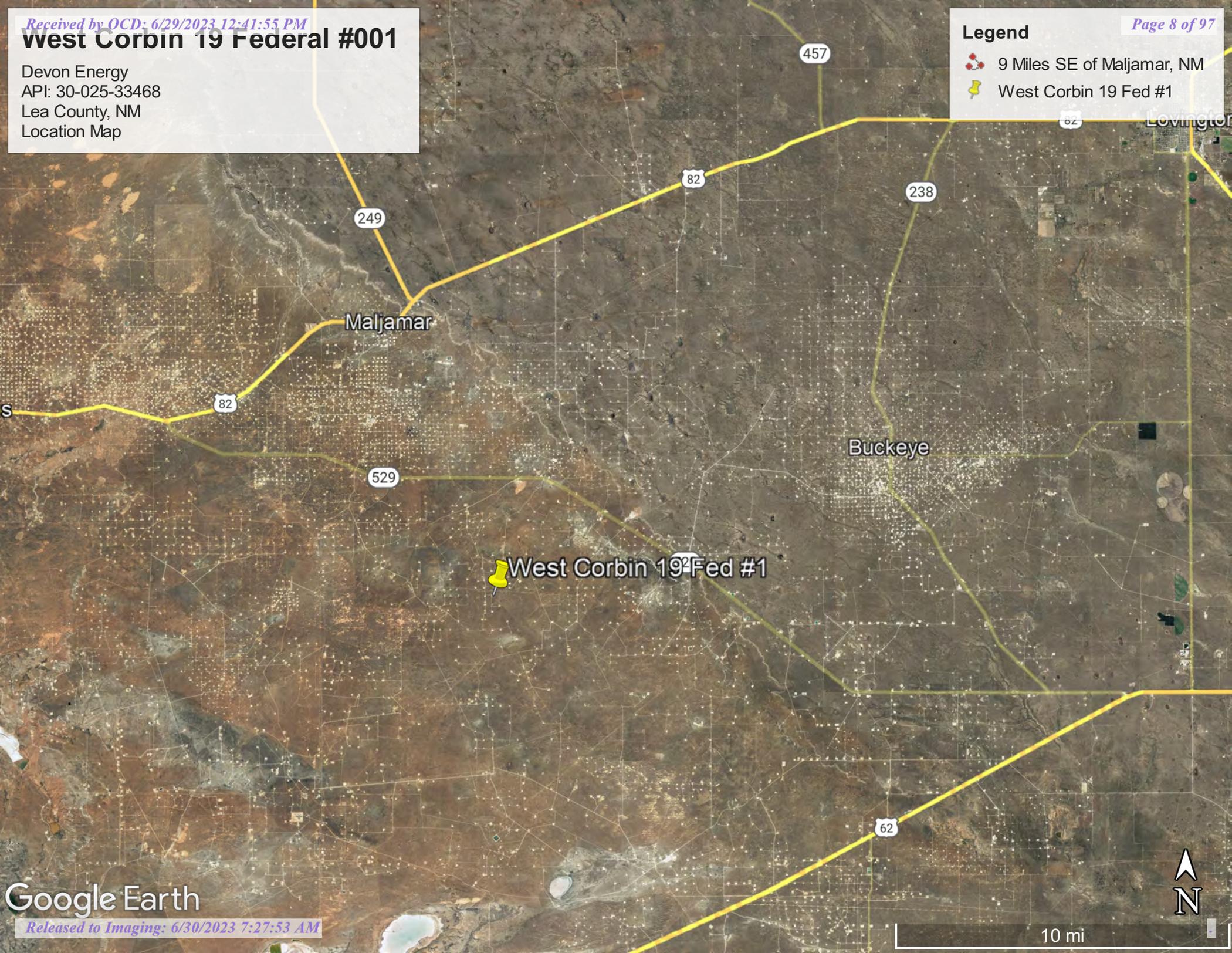
- 1-Location Map
- 2-Topographic Map
- 3-Karst Map
- 4-Initial Site Map

# West Corbin 19 Federal #001

Devon Energy  
API: 30-025-33468  
Lea County, NM  
Location Map

## Legend

-  9 Miles SE of Maljamar, NM
-  West Corbin 19 Fed #1

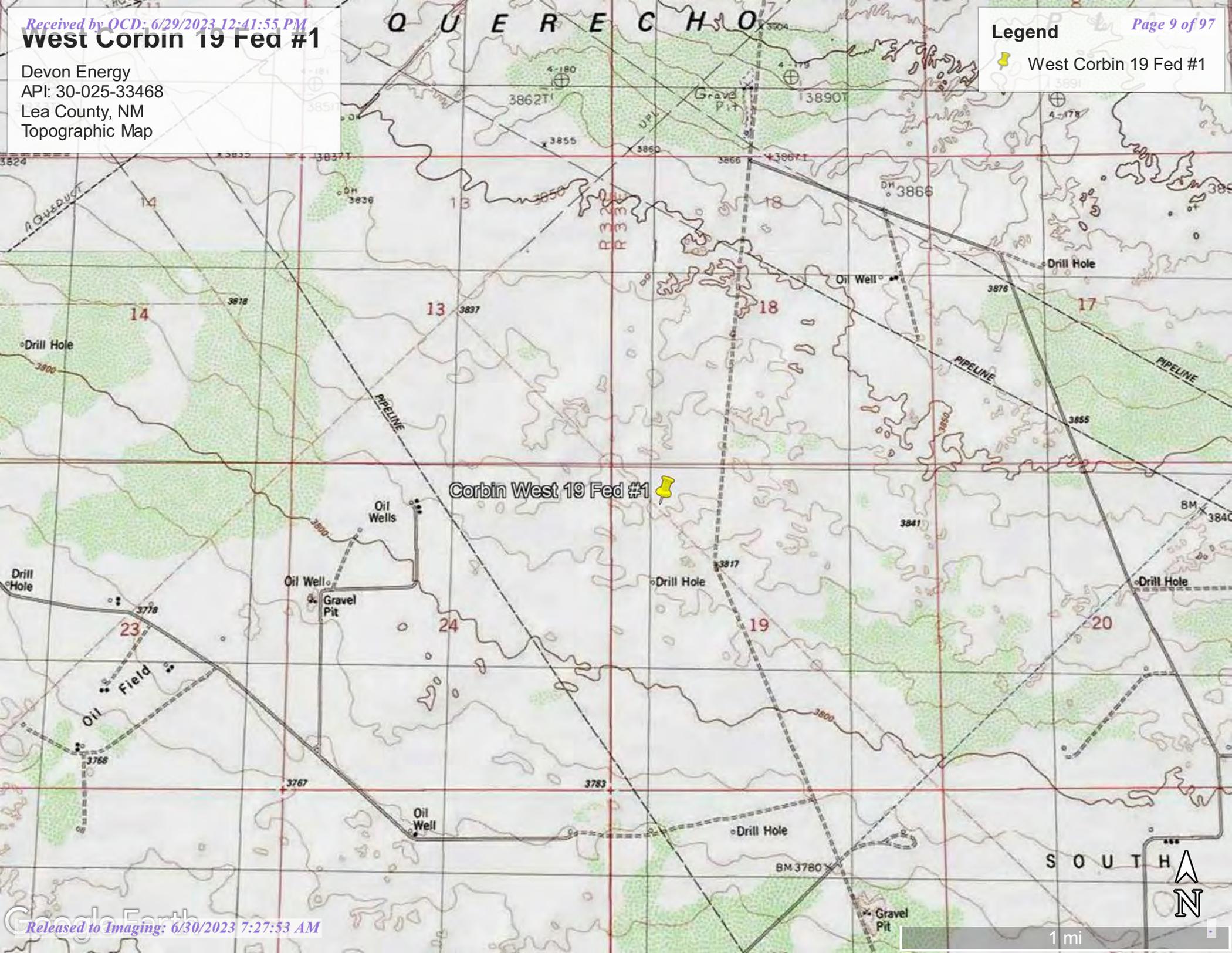


# West Corbin 19 Fed #1

Devon Energy  
API: 30-025-33468  
Lea County, NM  
Topographic Map

### Legend

 West Corbin 19 Fed #1



Corbin West 19 Fed #1 

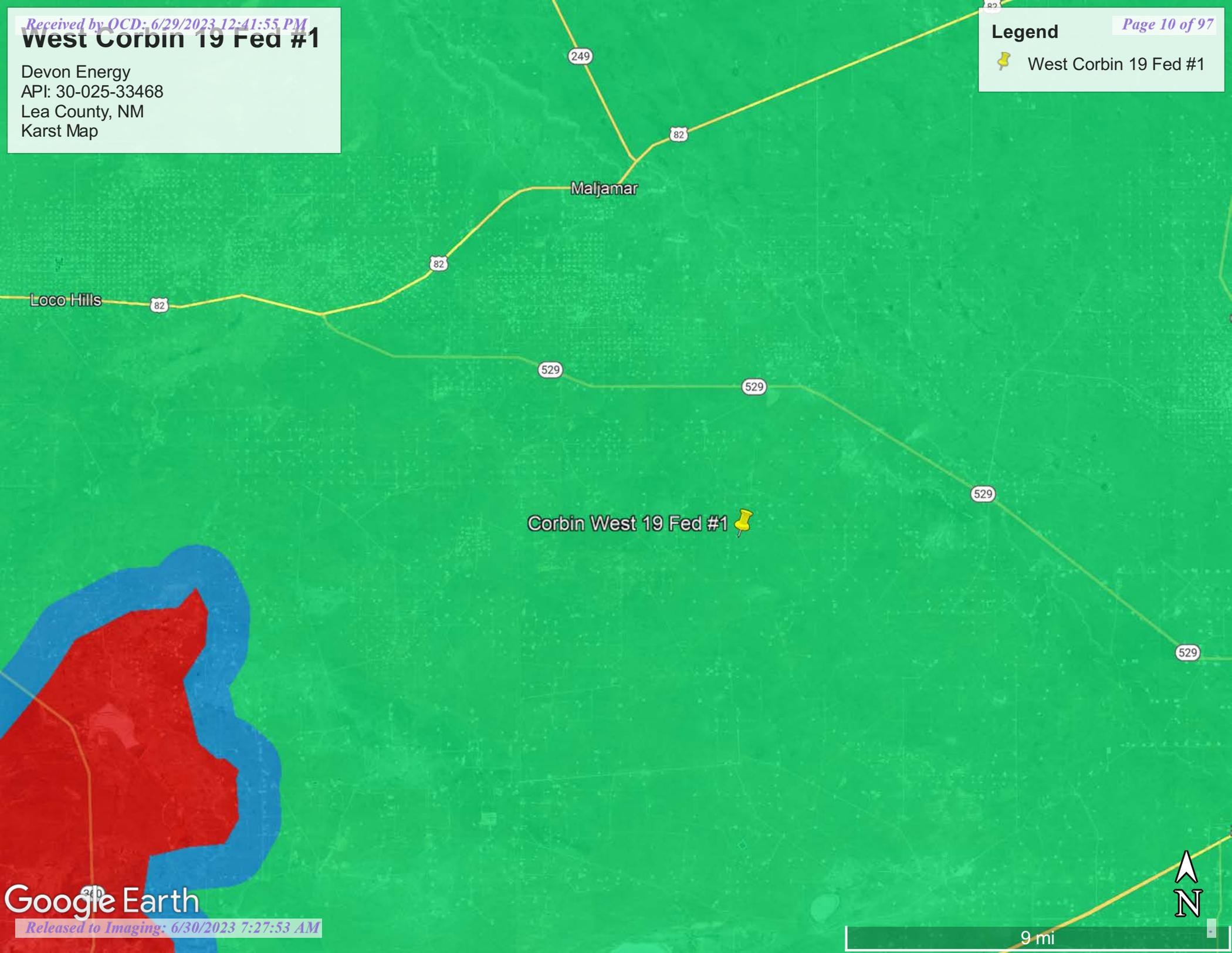
1 mi

# West Corbin 19 Fed #1

Devon Energy  
API: 30-025-33468  
Lea County, NM  
Karst Map

## Legend

 West Corbin 19 Fed #1



# WEST CORBIN 19 FEDERAL #001

Devon Energy  
NGRL0936542434  
32.7382889,-103.7090836  
Lea County, NM  
Initial Site Map

-  Bottom Sample
-  Reclaimed Pad
-  Side Wall Sample





Pima Environmental Services

**Appendix A**

Water Surveys:

OSE

USGS

Surface Water Map



# New Mexico Office of the State Engineer

## Water Column/Average Depth to Water

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

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

(quarters are 1=NW 2=NE 3=SW 4=SE)  
(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tw	Rng	X	Y	Distance	Well Depth	Water Column
<a href="#">L 03454</a>		L	LE	2	2	30	18S	33E	622200	3621422*		1985	100	35 65
<a href="#">CP 00677</a>		CP	LE	1	1	26	18S	32E	617750	3621373*		3624	700	
<a href="#">L 06131</a>		L	LE	3	1	2 08	18S	33E	623241	3626167*		3887	194	100 94
<a href="#">CP 00813 POD1</a>		CP	LE	1	33	18S	33E	624441	3619644*		4810	300		

Average Depth to Water: **67 feet**  
 Minimum Depth: **35 feet**  
 Maximum Depth: **100 feet**

**Record Count:** 4

**UTM NAD83 Radius Search (in meters):**

**Easting (X):** 620990.87      **Northing (Y):** 3622996.77      **Radius:** 5000

\*UTM location was derived from PLSS - see Help

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

2/20/23 2:23 PM

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

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- 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 =

- 324502103381802

Minimum number of levels = 1

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

### USGS 324502103381802 18S.33E.14.11140

Available data for this site

Groundwater: Field measurements

GO

Lea County, New Mexico

Hydrologic Unit Code 13060011

Latitude 32°45'13", Longitude 103°38'25" NAD27

Land-surface elevation 3,976.20 feet above NGVD29

The depth of the well is 46 feet below land surface.

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

This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

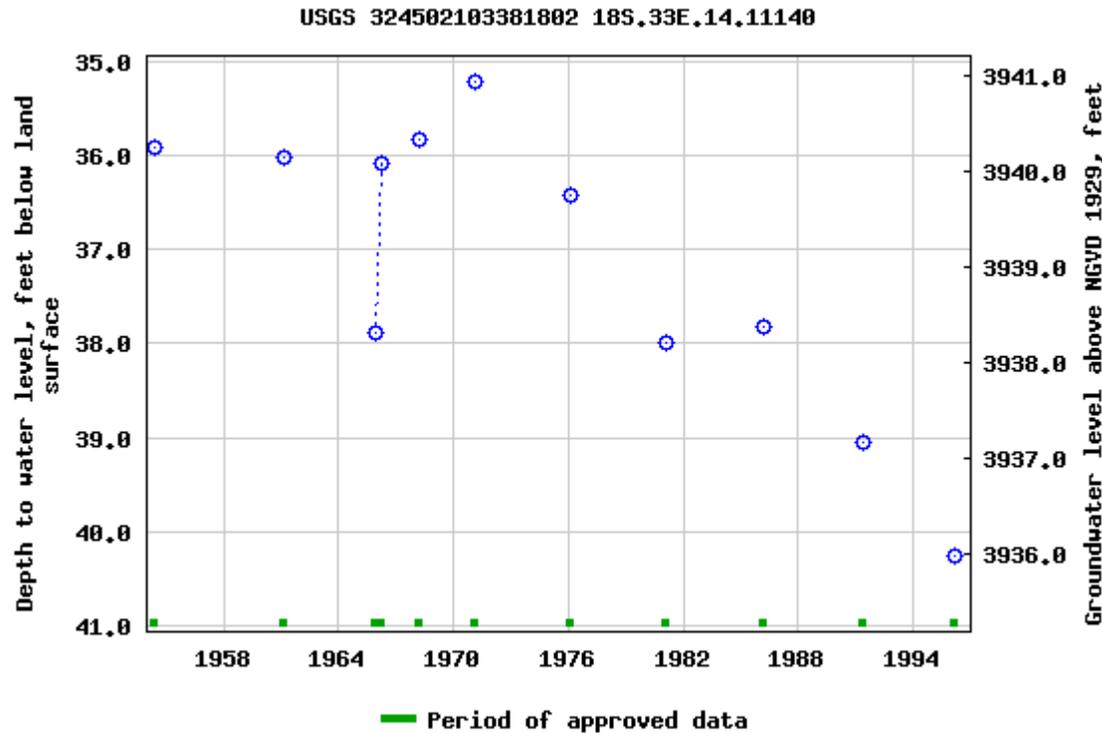
**Output formats**

[Table of data](#)

[Tab-separated 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: 2023-02-20 16:20:44 EST

0.58 0.48 nadww02



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## National Water Information System: Web Interface

USGS Water Resources

Data Category:

Groundwater

Geographic Area:

United States

GO

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- [Full News](#)

Groundwater levels for the Nation

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

### Search Results -- 1 sites found

site\_no list =

- 324541103383901

Minimum number of levels = 1

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

### USGS 324541103383901 18S.33E.10.23244

Available data for this site

Groundwater: Field measurements

GO

Lea County, New Mexico

Hydrologic Unit Code 13060011

Latitude 32°45'52", Longitude 103°38'49" NAD27

Land-surface elevation 4,003.10 feet above NGVD29

The depth of the well is 70 feet below land surface.

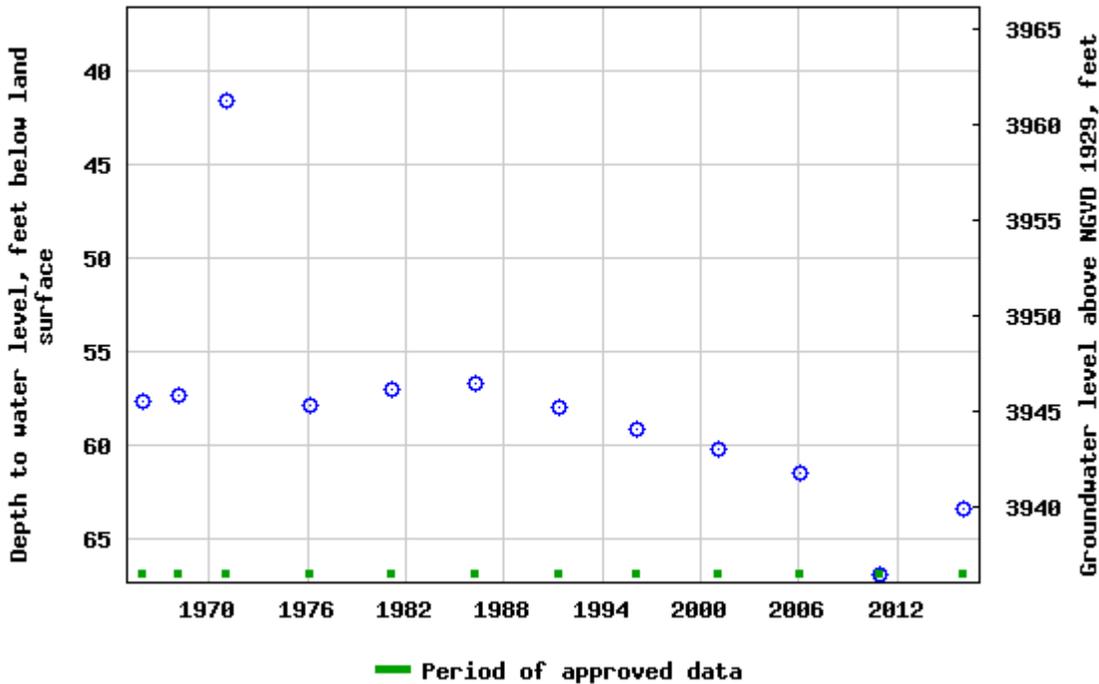
This well is completed in the High Plains aquifer (N100HGHPLN) national aquifer.

This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

#### Output formats

<a href="#">Table of data</a>
<a href="#">Tab-separated data</a>
<a href="#">Graph of data</a>
<a href="#">Reselect period</a>

USGS 324541103383901 18S.33E.10.23244



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

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

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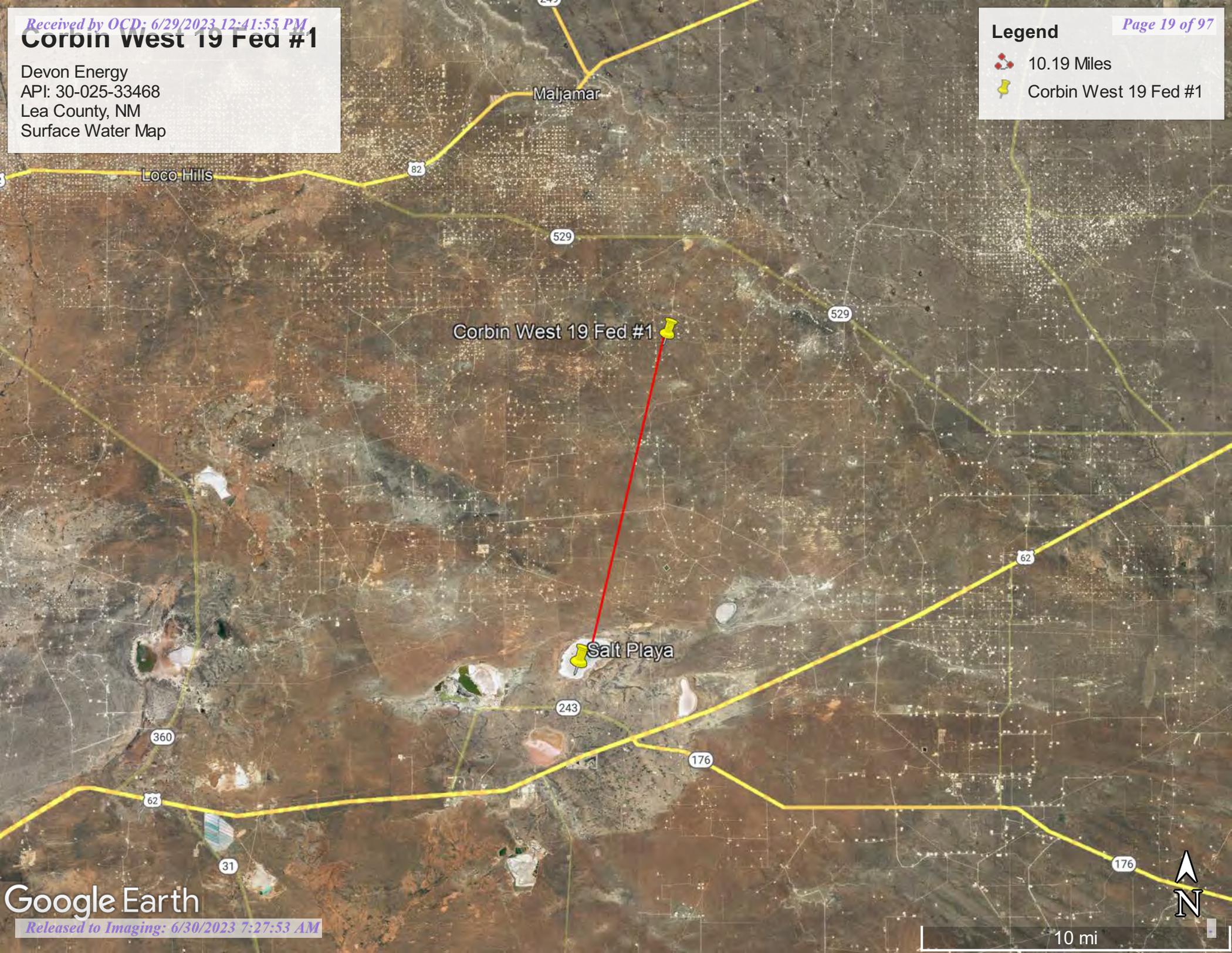
0.56 0.46 nadww02

# Corbin West 19 Fed #1

Devon Energy  
API: 30-025-33468  
Lea County, NM  
Surface Water Map

## Legend

-  10.19 Miles
-  Corbin West 19 Fed #1





Pima Environmental Services

**Appendix B**

Soil Survey & Geological Data

FEMA Flood Map

Wetlands Map

Map Unit Description: Kermit-Palomas fine sands, 0 to 12 percent slopes---Lea County, New Mexico

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## Lea County, New Mexico

### KD—Kermit-Palomas fine sands, 0 to 12 percent slopes

#### Map Unit Setting

*National map unit symbol:* dmpv  
*Elevation:* 3,000 to 4,400 feet  
*Mean annual precipitation:* 10 to 12 inches  
*Mean annual air temperature:* 60 to 62 degrees F  
*Frost-free period:* 190 to 205 days  
*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Kermit and similar soils:* 70 percent  
*Palomas and similar soils:* 20 percent  
*Minor components:* 10 percent  
*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Kermit

##### Setting

*Landform:* Dunes  
*Landform position (two-dimensional):* Shoulder, backslope, footslope  
*Landform position (three-dimensional):* Side slope  
*Down-slope shape:* Concave, linear, convex  
*Across-slope shape:* Convex  
*Parent material:* Calcareous sandy eolian deposits derived from sedimentary rock

##### Typical profile

*A - 0 to 8 inches:* fine sand  
*C - 8 to 60 inches:* fine sand

##### Properties and qualities

*Slope:* 3 to 12 percent  
*Depth to restrictive feature:* More than 80 inches  
*Drainage class:* Excessively drained  
*Runoff class:* Very low  
*Capacity of the most limiting layer to transmit water (Ksat):* Very high (20.00 in/hr)  
*Depth to water table:* More than 80 inches  
*Frequency of flooding:* None  
*Frequency of ponding:* None  
*Maximum salinity:* Nonsaline (0.0 to 1.0 mmhos/cm)  
*Sodium adsorption ratio, maximum:* 2.0  
*Available water supply, 0 to 60 inches:* Low (about 3.1 inches)

##### Interpretive groups

*Land capability classification (irrigated):* None specified  
*Land capability classification (nonirrigated):* 7e

Map Unit Description: Kermit-Palomas fine sands, 0 to 12 percent slopes---Lea County, New Mexico

---

*Hydrologic Soil Group:* A  
*Ecological site:* R070BD005NM - Deep Sand  
*Hydric soil rating:* No

### Description of Palomas

#### Setting

*Landform:* Dunes  
*Landform position (two-dimensional):* Shoulder, backslope, footslope  
*Landform position (three-dimensional):* Side slope  
*Down-slope shape:* Convex, linear, concave  
*Across-slope shape:* Convex  
*Parent material:* Alluvium derived from sandstone

#### Typical profile

*A - 0 to 16 inches:* fine sand  
*Bt - 16 to 60 inches:* sandy clay loam  
*Bk - 60 to 66 inches:* sandy loam

#### Properties and qualities

*Slope:* 0 to 5 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:* 50 percent  
*Gypsum, maximum content:* 1 percent  
*Maximum salinity:* Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)  
*Sodium adsorption ratio, maximum:* 2.0  
*Available water supply, 0 to 60 inches:* Moderate (about 7.5 inches)

#### Interpretive groups

*Land capability classification (irrigated):* None specified  
*Land capability classification (nonirrigated):* 7e  
*Hydrologic Soil Group:* B  
*Ecological site:* R070BD003NM - Loamy Sand  
*Hydric soil rating:* No

### Minor Components

#### Pyote

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

#### Maljamar

*Percent of map unit:* 4 percent

Map Unit Description: Kermit-Palomas fine sands, 0 to 12 percent slopes---Lea County, New Mexico

---

*Ecological site:* R070BD003NM - Loamy Sand  
*Hydric soil rating:* No

**Palomas**

*Percent of map unit:* 1 percent  
*Ecological site:* R070BD003NM - Loamy Sand  
*Hydric soil rating:* No

**Dune land**

*Percent of map unit:* 1 percent  
*Hydric soil rating:* No

## Data Source Information

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

# National Flood Hazard Layer FIRMette



103°42'50"W 32°44'32"N



## Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) <i>Zone A, V, A99</i>
		With BFE or Depth <i>Zone AE, AO, AH, VE, AR</i>
		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 <i>Zone X</i>
		Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i>
		Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone X</i>
		Area with Flood Risk due to Levee <i>Zone D</i>

OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard <i>Zone X</i>
		Effective LOMRs
		Area of Undetermined Flood Hazard <i>Zone D</i>
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall

OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance
		17.5 Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
OTHER FEATURES		Profile Baseline
		Hydrographic Feature

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.

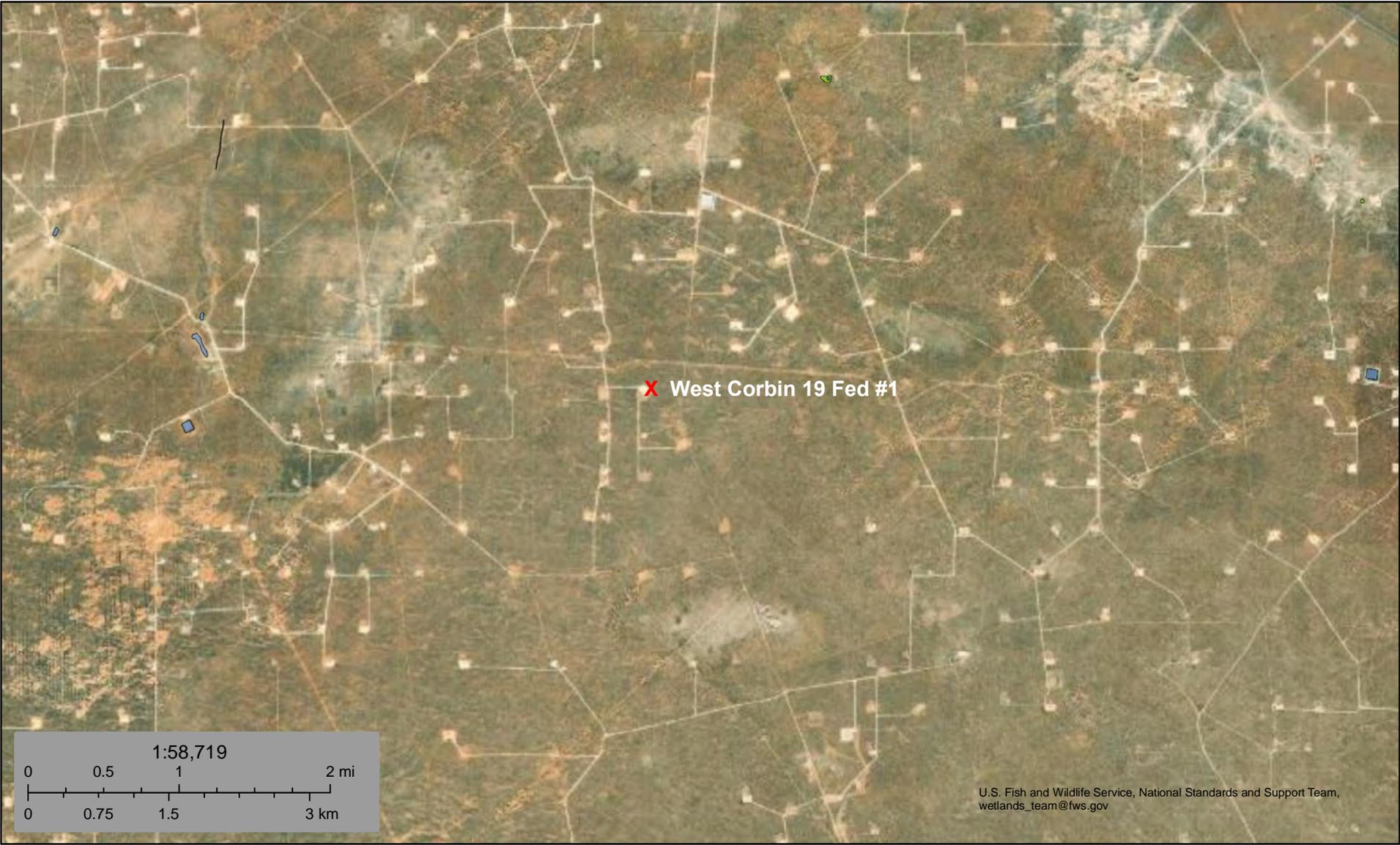
This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 2/20/2023 at 4:24 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 20, 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	
District RP	
Facility ID	
Application ID	

## Release Notification

### Responsible Party

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

### Location of Release Source

Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
(NAD 83 in decimal degrees to 5 decimal places)

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

Unit Letter	Section	Township	Range	County

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

### Nature and Volume of Release

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

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (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

Incident ID	
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 type="checkbox"/> No	If <b>YES</b> , 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 type="checkbox"/> The source of the release has been stopped. <input type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input 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>Dale Woodall</u> Title: <u>Env. Professional</u> Signature: <u>Dale Woodall</u> Date: _____ email: <u>dale.woodall@dvn.com</u> Telephone: <u>575-748-1838</u>
<b><u>OCD Only</u></b> Received by: _____ Date: _____

Incident ID	NAPC0730336794
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?	<50 (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	NAPC0730336794
District RP	
Facility ID	
Application ID	

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

Printed Name: Dale Woodall Title: Environmental Professional  
 Signature: *Dale Woodall* Date: 6/29/2023  
 email: dale.woodall@dvn.com Telephone: 575-748-1839

**OCD Only**

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

Incident ID	NAPC0730336794
District RP	
Facility ID	
Application ID	

## Closure

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

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

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

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

Printed Name: Dale Woodall Title: Environmental Professional  
 Signature: Dale Woodall Date: 6/29/2023  
 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  
West Corbin 19 Federal #001**

Site Assessment







Pima Environmental Services

## **Appendix E**

Laboratory Reports

Report to:  
Tom Bynum



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

### Pima Environmental Services-Carlsbad

Project Name: Corbin West 19 Fed. #1

Work Order: E305119

Job Number: 01058-0007

Received: 5/19/2023

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
5/25/23

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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



Date Reported: 5/25/23

Tom Bynum  
PO Box 247  
Plains, TX 79355-0247

Project Name: Corbin West 19 Fed. #1  
Workorder: E305119  
Date Received: 5/19/2023 8:20:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/19/2023 8:20:00AM, under the Project Name: Corbin West 19 Fed. #1.

The analytical test results summarized in this report with the Project Name: Corbin West 19 Fed. #1 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 PO Box 247 Plains TX, 79355-0247	Project Name: Corbin West 19 Fed. #1 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 05/25/23 14:38
---	--	------------------------------------

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S11 -1'	E305119-01A	Soil	05/16/23	05/19/23	Glass Jar, 2 oz.
S11 - 4'	E305119-02A	Soil	05/16/23	05/19/23	Glass Jar, 2 oz.
S12 - 1'	E305119-03A	Soil	05/16/23	05/19/23	Glass Jar, 2 oz.
S12 - 4'	E305119-04A	Soil	05/16/23	05/19/23	Glass Jar, 2 oz.
SW1	E305119-05A	Soil	05/16/23	05/19/23	Glass Jar, 2 oz.
SW2	E305119-06A	Soil	05/16/23	05/19/23	Glass Jar, 2 oz.
SW3	E305119-07A	Soil	05/16/23	05/19/23	Glass Jar, 2 oz.
SW4	E305119-08A	Soil	05/16/23	05/19/23	Glass Jar, 2 oz.
SW5	E305119-09A	Soil	05/16/23	05/19/23	Glass Jar, 2 oz.
SW6	E305119-10A	Soil	05/16/23	05/19/23	Glass Jar, 2 oz.
SW7	E305119-11A	Soil	05/16/23	05/19/23	Glass Jar, 2 oz.
SW8	E305119-12A	Soil	05/16/23	05/19/23	Glass Jar, 2 oz.

### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Corbin West 19 Fed. #1 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/25/2023 2:38:55PM
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S11 -1'

E305119-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2320096
Benzene	ND	0.0250	1	05/19/23	05/22/23	
Ethylbenzene	ND	0.0250	1	05/19/23	05/22/23	
Toluene	ND	0.0250	1	05/19/23	05/22/23	
o-Xylene	ND	0.0250	1	05/19/23	05/22/23	
p,m-Xylene	ND	0.0500	1	05/19/23	05/22/23	
Total Xylenes	ND	0.0250	1	05/19/23	05/22/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.9 %	70-130	05/19/23	05/22/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2320096
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/19/23	05/22/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.9 %	70-130	05/19/23	05/22/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2321041
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/23	05/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/23	05/25/23	
<i>Surrogate: n-Nonane</i>		88.0 %	50-200	05/23/23	05/25/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2321005
Chloride	ND	20.0	1	05/22/23	05/22/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Corbin West 19 Fed. #1 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/25/2023 2:38:55PM
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**S11 - 4'**

**E305119-02**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2320096
Benzene	ND	0.0250	1	05/19/23	05/22/23	
Ethylbenzene	ND	0.0250	1	05/19/23	05/22/23	
Toluene	ND	0.0250	1	05/19/23	05/22/23	
o-Xylene	ND	0.0250	1	05/19/23	05/22/23	
p,m-Xylene	ND	0.0500	1	05/19/23	05/22/23	
Total Xylenes	ND	0.0250	1	05/19/23	05/22/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.2 %	70-130	05/19/23	05/22/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2320096
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/19/23	05/22/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		85.7 %	70-130	05/19/23	05/22/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2321041
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/23	05/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/23	05/25/23	
<i>Surrogate: n-Nonane</i>		91.1 %	50-200	05/23/23	05/25/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2321005
Chloride	ND	20.0	1	05/22/23	05/22/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Corbin West 19 Fed. #1 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/25/2023 2:38:55PM
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**S12 - 1'**

**E305119-03**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2320096
Benzene	ND	0.0250	1	05/19/23	05/22/23	
Ethylbenzene	ND	0.0250	1	05/19/23	05/22/23	
Toluene	ND	0.0250	1	05/19/23	05/22/23	
o-Xylene	ND	0.0250	1	05/19/23	05/22/23	
p,m-Xylene	ND	0.0500	1	05/19/23	05/22/23	
Total Xylenes	ND	0.0250	1	05/19/23	05/22/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.7 %	70-130	05/19/23	05/22/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2320096
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/19/23	05/22/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		86.9 %	70-130	05/19/23	05/22/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2321041
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/23	05/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/23	05/25/23	
<i>Surrogate: n-Nonane</i>		90.8 %	50-200	05/23/23	05/25/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2321005
Chloride	ND	20.0	1	05/22/23	05/22/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Corbin West 19 Fed. #1 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/25/2023 2:38:55PM
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**S12 - 4'**

**E305119-04**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2320096
Benzene	ND	0.0250	1	05/19/23	05/22/23	
Ethylbenzene	ND	0.0250	1	05/19/23	05/22/23	
Toluene	ND	0.0250	1	05/19/23	05/22/23	
o-Xylene	ND	0.0250	1	05/19/23	05/22/23	
p,m-Xylene	ND	0.0500	1	05/19/23	05/22/23	
Total Xylenes	ND	0.0250	1	05/19/23	05/22/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.3 %	70-130	05/19/23	05/22/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2320096
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/19/23	05/22/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.7 %	70-130	05/19/23	05/22/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2321041
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/23	05/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/23	05/25/23	
<i>Surrogate: n-Nonane</i>		88.4 %	50-200	05/23/23	05/25/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2321005
Chloride	ND	20.0	1	05/22/23	05/22/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Corbin West 19 Fed. #1 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/25/2023 2:38:55PM
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**SW1**

**E305119-05**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2320096
Benzene	ND	0.0250	1	05/19/23	05/22/23	
Ethylbenzene	ND	0.0250	1	05/19/23	05/22/23	
Toluene	ND	0.0250	1	05/19/23	05/22/23	
o-Xylene	ND	0.0250	1	05/19/23	05/22/23	
p,m-Xylene	ND	0.0500	1	05/19/23	05/22/23	
Total Xylenes	ND	0.0250	1	05/19/23	05/22/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.7 %	70-130	05/19/23	05/22/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2320096
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/19/23	05/22/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.1 %	70-130	05/19/23	05/22/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2321041
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/23	05/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/23	05/25/23	
<i>Surrogate: n-Nonane</i>		91.8 %	50-200	05/23/23	05/25/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2321005
Chloride	ND	20.0	1	05/22/23	05/22/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Corbin West 19 Fed. #1 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/25/2023 2:38:55PM
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**SW2**

**E305119-06**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2320096
Benzene	ND	0.0250	1	05/19/23	05/22/23	
Ethylbenzene	ND	0.0250	1	05/19/23	05/22/23	
Toluene	ND	0.0250	1	05/19/23	05/22/23	
o-Xylene	ND	0.0250	1	05/19/23	05/22/23	
p,m-Xylene	ND	0.0500	1	05/19/23	05/22/23	
Total Xylenes	ND	0.0250	1	05/19/23	05/22/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.0 %	70-130	05/19/23	05/22/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2320096
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/19/23	05/22/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		86.1 %	70-130	05/19/23	05/22/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2321041
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/23	05/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/23	05/25/23	
<i>Surrogate: n-Nonane</i>		96.0 %	50-200	05/23/23	05/25/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2321005
Chloride	ND	20.0	1	05/22/23	05/22/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Corbin West 19 Fed. #1 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/25/2023 2:38:55PM
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**SW3**

**E305119-07**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2320096
Benzene	ND	0.0250	1	05/19/23	05/22/23	
Ethylbenzene	ND	0.0250	1	05/19/23	05/22/23	
Toluene	ND	0.0250	1	05/19/23	05/22/23	
o-Xylene	ND	0.0250	1	05/19/23	05/22/23	
p,m-Xylene	ND	0.0500	1	05/19/23	05/22/23	
Total Xylenes	ND	0.0250	1	05/19/23	05/22/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		97.7 %	70-130	05/19/23	05/22/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2320096
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/19/23	05/22/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		86.0 %	70-130	05/19/23	05/22/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2321041
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/23	05/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/23	05/25/23	
<i>Surrogate: n-Nonane</i>						
		87.8 %	50-200	05/23/23	05/25/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2321005
Chloride	ND	20.0	1	05/22/23	05/23/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Corbin West 19 Fed. #1 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/25/2023 2:38:55PM
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**SW4**

**E305119-08**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2320096
Benzene	ND	0.0250	1	05/19/23	05/22/23	
Ethylbenzene	ND	0.0250	1	05/19/23	05/22/23	
Toluene	ND	0.0250	1	05/19/23	05/22/23	
o-Xylene	ND	0.0250	1	05/19/23	05/22/23	
p,m-Xylene	ND	0.0500	1	05/19/23	05/22/23	
Total Xylenes	ND	0.0250	1	05/19/23	05/22/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.2 %	70-130	05/19/23	05/22/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2320096
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/19/23	05/22/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.6 %	70-130	05/19/23	05/22/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2321041
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/23	05/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/23	05/25/23	
<i>Surrogate: n-Nonane</i>		89.5 %	50-200	05/23/23	05/25/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2321005
Chloride	ND	20.0	1	05/22/23	05/23/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Corbin West 19 Fed. #1 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/25/2023 2:38:55PM
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**SW5**

**E305119-09**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2320096
Benzene	ND	0.0250	1	05/19/23	05/22/23	
Ethylbenzene	ND	0.0250	1	05/19/23	05/22/23	
Toluene	ND	0.0250	1	05/19/23	05/22/23	
o-Xylene	ND	0.0250	1	05/19/23	05/22/23	
p,m-Xylene	ND	0.0500	1	05/19/23	05/22/23	
Total Xylenes	ND	0.0250	1	05/19/23	05/22/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.0 %	70-130	05/19/23	05/22/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2320096
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/19/23	05/22/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.5 %	70-130	05/19/23	05/22/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2321041
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/23	05/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/23	05/25/23	
<i>Surrogate: n-Nonane</i>		89.5 %	50-200	05/23/23	05/25/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2321005
Chloride	ND	20.0	1	05/22/23	05/23/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Corbin West 19 Fed. #1 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/25/2023 2:38:55PM
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**SW6**

**E305119-10**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2320096
Benzene	ND	0.0250	1	05/19/23	05/23/23	
Ethylbenzene	ND	0.0250	1	05/19/23	05/23/23	
Toluene	ND	0.0250	1	05/19/23	05/23/23	
o-Xylene	ND	0.0250	1	05/19/23	05/23/23	
p,m-Xylene	ND	0.0500	1	05/19/23	05/23/23	
Total Xylenes	ND	0.0250	1	05/19/23	05/23/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.9 %	70-130	05/19/23	05/23/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2320096
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/19/23	05/23/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.5 %	70-130	05/19/23	05/23/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2321041
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/23	05/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/23	05/25/23	
<i>Surrogate: n-Nonane</i>		96.3 %	50-200	05/23/23	05/25/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2321005
Chloride	ND	20.0	1	05/22/23	05/23/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Corbin West 19 Fed. #1 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/25/2023 2:38:55PM
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**SW7**

**E305119-11**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2320096
Benzene	ND	0.0250	1	05/19/23	05/23/23	
Ethylbenzene	ND	0.0250	1	05/19/23	05/23/23	
Toluene	ND	0.0250	1	05/19/23	05/23/23	
o-Xylene	ND	0.0250	1	05/19/23	05/23/23	
p,m-Xylene	ND	0.0500	1	05/19/23	05/23/23	
Total Xylenes	ND	0.0250	1	05/19/23	05/23/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.6 %	70-130	05/19/23	05/23/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2320096
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/19/23	05/23/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		86.7 %	70-130	05/19/23	05/23/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2321041
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/23	05/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/23	05/25/23	
<i>Surrogate: n-Nonane</i>		87.9 %	50-200	05/23/23	05/25/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2321005
Chloride	ND	20.0	1	05/22/23	05/23/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Corbin West 19 Fed. #1 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/25/2023 2:38:55PM
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**SW8**

**E305119-12**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2320096
Benzene	ND	0.0250	1	05/19/23	05/23/23	
Ethylbenzene	ND	0.0250	1	05/19/23	05/23/23	
Toluene	ND	0.0250	1	05/19/23	05/23/23	
o-Xylene	ND	0.0250	1	05/19/23	05/23/23	
p,m-Xylene	ND	0.0500	1	05/19/23	05/23/23	
Total Xylenes	ND	0.0250	1	05/19/23	05/23/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.2 %	70-130	05/19/23	05/23/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2320096
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/19/23	05/23/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		85.4 %	70-130	05/19/23	05/23/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2321041
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/23	05/25/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/23	05/25/23	
<i>Surrogate: n-Nonane</i>		95.6 %	50-200	05/23/23	05/25/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2321005
Chloride	ND	20.0	1	05/22/23	05/23/23	



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Corbin West 19 Fed. #1 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/25/2023 2:38:55PM
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#### Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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#### Blank (2320096-BLK1)

Prepared: 05/19/23 Analyzed: 05/22/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.65		8.00		95.7	70-130			

#### LCS (2320096-BS1)

Prepared: 05/19/23 Analyzed: 05/22/23

Benzene	4.42	0.0250	5.00		88.4	70-130			
Ethylbenzene	4.65	0.0250	5.00		93.1	70-130			
Toluene	4.72	0.0250	5.00		94.3	70-130			
o-Xylene	4.80	0.0250	5.00		95.9	70-130			
p,m-Xylene	9.48	0.0500	10.0		94.8	70-130			
Total Xylenes	14.3	0.0250	15.0		95.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.88		8.00		98.5	70-130			

#### Matrix Spike (2320096-MS1)

Source: E305119-03

Prepared: 05/19/23 Analyzed: 05/22/23

Benzene	4.89	0.0250	5.00	ND	97.7	54-133			
Ethylbenzene	5.13	0.0250	5.00	ND	103	61-133			
Toluene	5.19	0.0250	5.00	ND	104	61-130			
o-Xylene	5.27	0.0250	5.00	ND	105	63-131			
p,m-Xylene	10.4	0.0500	10.0	ND	104	63-131			
Total Xylenes	15.7	0.0250	15.0	ND	105	63-131			
Surrogate: 4-Bromochlorobenzene-PID	8.01		8.00		100	70-130			

#### Matrix Spike Dup (2320096-MSD1)

Source: E305119-03

Prepared: 05/19/23 Analyzed: 05/22/23

Benzene	4.89	0.0250	5.00	ND	97.7	54-133	0.00	20	
Ethylbenzene	5.15	0.0250	5.00	ND	103	61-133	0.485	20	
Toluene	5.22	0.0250	5.00	ND	104	61-130	0.491	20	
o-Xylene	5.29	0.0250	5.00	ND	106	63-131	0.367	20	
p,m-Xylene	10.5	0.0500	10.0	ND	105	63-131	0.283	20	
Total Xylenes	15.7	0.0250	15.0	ND	105	63-131	0.311	20	
Surrogate: 4-Bromochlorobenzene-PID	7.98		8.00		99.8	70-130			



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Corbin West 19 Fed. #1 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/25/2023 2:38:55PM
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#### 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 (2320096-BLK1)**

Prepared: 05/19/23 Analyzed: 05/22/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.97		8.00		87.2	70-130			

**LCS (2320096-BS2)**

Prepared: 05/19/23 Analyzed: 05/22/23

Gasoline Range Organics (C6-C10)	48.4	20.0	50.0		96.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.07		8.00		88.4	70-130			

**Matrix Spike (2320096-MS2)**

Source: E305119-03

Prepared: 05/19/23 Analyzed: 05/22/23

Gasoline Range Organics (C6-C10)	45.9	20.0	50.0	ND	91.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.09		8.00		88.6	70-130			

**Matrix Spike Dup (2320096-MSD2)**

Source: E305119-03

Prepared: 05/19/23 Analyzed: 05/22/23

Gasoline Range Organics (C6-C10)	47.0	20.0	50.0	ND	94.0	70-130	2.36	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.14		8.00		89.2	70-130			



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Corbin West 19 Fed. #1 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/25/2023 2:38:55PM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2321041-BLK1)**

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

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	44.5		50.0		89.1	50-200			

**LCS (2321041-BS1)**

Prepared: 05/23/23 Analyzed: 05/25/23

Diesel Range Organics (C10-C28)	247	25.0	250		98.6	38-132			
Surrogate: n-Nonane	44.5		50.0		89.0	50-200			

**Matrix Spike (2321041-MS1)**

Source: E305119-10

Prepared: 05/23/23 Analyzed: 05/25/23

Diesel Range Organics (C10-C28)	247	25.0	250	ND	98.9	38-132			
Surrogate: n-Nonane	41.6		50.0		83.1	50-200			

**Matrix Spike Dup (2321041-MSD1)**

Source: E305119-10

Prepared: 05/23/23 Analyzed: 05/25/23

Diesel Range Organics (C10-C28)	247	25.0	250	ND	98.9	38-132	0.0311	20	
Surrogate: n-Nonane	42.6		50.0		85.2	50-200			



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Corbin West 19 Fed. #1 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/25/2023 2:38:55PM
---	--	---

#### Anions by EPA 300.0/9056A

Analyst: BA

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

**Blank (2321005-BLK1)**

Prepared: 05/22/23 Analyzed: 05/22/23

Chloride ND 20.0

**LCS (2321005-BS1)**

Prepared: 05/22/23 Analyzed: 05/22/23

Chloride 251 20.0 250 100 90-110

**Matrix Spike (2321005-MS1)**

Source: E305119-01

Prepared: 05/22/23 Analyzed: 05/22/23

Chloride 253 20.0 250 ND 101 80-120

**Matrix Spike Dup (2321005-MSD1)**

Source: E305119-01

Prepared: 05/22/23 Analyzed: 05/22/23

Chloride 265 20.0 250 ND 106 80-120 4.73 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:	Corbin West 19 Fed. #1	
PO Box 247	Project Number:	01058-0007	<b>Reported:</b>
Plains TX, 79355-0247	Project Manager:	Tom Bynum	05/25/23 14:38

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 Project: <u>Corbin West 19 Fed. #1</u> Project Manager: Tom Bynum Address: 5614 N. Lovington Hwy. City, State, Zip: Hobbs, NM, 88240 Phone: 580-748-1613 Email: tom@pimaoil.com Report due by:	<b>Bill To</b>		<b>Lab Use Only</b>		<b>TAT</b>				<b>EPA Program</b>					
	Attention: _____		Lab WO#	Job Number	1D	2D	3D	Standard	CWA	SDWA				
	Address: _____		E305119	01058-0007				Y						
	City, State, Zip: _____		<b>Analysis and Method</b>								RCRA			
	Phone: _____		DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX				
Email: _____										<b>State</b>				
Pima Project # <u>1-249</u>										NM	CO	UT	AZ	TX

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
10:40	5/16/23	S	1	SW7	11									
10:45	L	L	L	SW8	12									
<del>_____</del>														

**Additional Instructions:** B# 21142555

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature) <u>Kevin Adams</u>		Date	Time	Received by: (Signature) <u>[Signature]</u>		Date	Time	<b>Lab Use Only</b> Received on ice: <u>0/ N</u> T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>	
Relinquished by: (Signature) <u>[Signature]</u>		5-18-23	1720	Received by: (Signature) <u>Andrew Wilson</u>		5-18-23	1730		
Relinquished by: (Signature) <u>Andrew Wilson</u>		5-18-23	2400	Received by: (Signature) <u>Carth Moore</u>		5-19-23	8:20		

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

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



Envirotech Analytical Laboratory

Printed: 5/19/2023 1:18:33PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	05/19/23 08:20	Work Order ID:	E305119
Phone:	(575) 631-6977	Date Logged In:	05/19/23 09:39	Logged In By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:	05/25/23 17:00 (4 day TAT)		

**Chain of Custody (COC)**

- 1. Does the sample ID match the COC? No
- 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

Carrier: Courier

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

**Sample Turn Around Time (TAT)**

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

**Sample Cooler**

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

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

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

**Sample Container**

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

**Field Label**

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

**Sample Preservation**

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

**Multiphase Sample Matrix**

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

**Subcontract Laboratory**

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

**Client Instruction**

**Comments/Resolution**

Project Corbin West 19 Fed #1 has been separated into 2 reports due to sample volume. Workorders are as follows: E305118/E305119. Added depths to sample names on COC to match containers per client.

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

Date



envirotech Inc.

Project Information

Chain of Custody

Client: Pima Environmental Services		Bill To		Lab Use Only				TAT				EPA Program				
Project: <u>Corbin West 19 Fed: #1</u>		Attention: <u>Devon</u>		Lab WO# <u>E305119</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	Chloride 300.0	BGDOC NM	BGDOC TX	State				
City, State, Zip <u>Hobbs, NM, 88240</u>		Phone:										NM	CO	UT	AZ	TX
Phone: 580-748-1613		Email:										Remarks				
Email: <u>tom@pimaoil.com</u>		Pima Project # <u>1-249</u>														
Report due by:																

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
7:50	5/16/23	S	1	S11-1'	1							X		Added depths to sample names on COC's to match Containers per Sebastian 5/19/23 CC
9:55				S11-4'	2									
10:00				S12-1'	3									
10:05				S12-4'	4									
10:10				SW1	5									
10:15				SW2	6									
10:20				SW3	7									
10:25				SW4	8									
10:30				SW5	9									
10:35				SW6	10									

Additional Instructions: B# 21142555

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature) <u>Karine Adams</u>		Date <u>5/18/23</u>	Time <u>1435</u>	Received by: (Signature) <u>[Signature]</u>		Date <u>5-18-23</u>	Time <u>1455</u>	Lab Use Only			
Relinquished by: (Signature) <u>[Signature]</u>		Date <u>5-18-23</u>	Time <u>1720</u>	Received by: (Signature) <u>Andrew Musso</u>		Date <u>5-18-23</u>	Time <u>1730</u>	Received on ice: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N			
Relinquished by: (Signature) <u>Andrew Musso</u>		Date <u>5-18-23</u>	Time <u>2400</u>	Received by: (Signature) <u>Cathy Mars</u>		Date <u>5/19/23</u>	Time <u>8:20</u>	T1	T2	T3	AVG Temp °C <u>4</u>

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other  
 Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA  
 Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.



Project Information

Chain of Custody

Client: Pima Environmental Services Project: <u>Corbin West 19 Fed. #1</u> Project Manager: Tom Bynum Address: 5614 N. Lovington Hwy. City, State, Zip: Hobbs, NM, 88240 Phone: 580-748-1613 Email: tom@pimaoil.com Report due by:	<b>Bill To</b>		<b>Lab Use Only</b>				<b>TAT</b>				<b>EPA Program</b>										
	Attention: _____		Lab WO# <u>E305119</u>		Job Number <u>01058-0007</u>		1D	2D	3D	Standard	CWA	SDWA									
	Address: _____		Analysis and Method																		
	City, State, Zip _____		DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	RCRA										
	Phone: _____		State																		
Email: _____		<table border="1"> <tr> <td>NM</td> <td>CO</td> <td>UT</td> <td>AZ</td> <td>TX</td> </tr> <tr> <td>A</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>										NM	CO	UT	AZ	TX	A				
NM	CO	UT	AZ	TX																	
A																					
Pima Project # <u>1-249</u>		Remarks																			

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
10:40	5/16/23	S	1	SW7	11									
10:45	L	L	L	SW8	12									
<del>_____</del>														

**Additional Instructions:** B# 21142555

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature) <u>Kerrine Adams</u>				Date <u>5/18/23</u>	Time <u>1435</u>	Received by: (Signature) <u>[Signature]</u>				Date <u>5-18-23</u>	Time <u>1435</u>	<b>Lab Use Only</b>		
Relinquished by: (Signature) <u>[Signature]</u>				Date <u>5-18-23</u>	Time <u>1720</u>	Received by: (Signature) <u>Andrew Musso</u>				Date <u>5-18-23</u>	Time <u>1730</u>	Received on ice: <u>Y/N</u>		
Relinquished by: (Signature) <u>Andrew Musso</u>				Date <u>5-18-23</u>	Time <u>2400</u>	Received by: (Signature) <u>Cathy Mann</u>				Date <u>5/19/23</u>	Time <u>8:20</u>	T1	T2	T3
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other											AVG Temp °C <u>4</u>			
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.



Report to:  
Tom Bynum



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

### Pima Environmental Services-Carlsbad

Project Name: Corbin West 19 Fed. #1

Work Order: E305118

Job Number: 01058-0007

Received: 5/19/2023

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
5/26/23

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 5/26/23



Tom Bynum  
PO Box 247  
Plains, TX 79355-0247

Project Name: Corbin West 19 Fed. #1  
Workorder: E305118  
Date Received: 5/19/2023 8:20:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/19/2023 8:20:00AM, under the Project Name: Corbin West 19 Fed. #1.

The analytical test results summarized in this report with the Project Name: Corbin West 19 Fed. #1 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  
PO Box 247  
Plains TX, 79355-0247

Project Name: Corbin West 19 Fed. #1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
05/26/23 14:52

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1 - 1'	E305118-01A	Soil	05/16/23	05/19/23	Glass Jar, 2 oz.
S1 - 4'	E305118-02A	Soil	05/16/23	05/19/23	Glass Jar, 2 oz.
S2 - 1'	E305118-03A	Soil	05/16/23	05/19/23	Glass Jar, 2 oz.
S2 - 4'	E305118-04A	Soil	05/16/23	05/19/23	Glass Jar, 2 oz.
S3 - 1'	E305118-05A	Soil	05/16/23	05/19/23	Glass Jar, 2 oz.
S3 - 4'	E305118-06A	Soil	05/16/23	05/19/23	Glass Jar, 2 oz.
S4 - 1'	E305118-07A	Soil	05/16/23	05/19/23	Glass Jar, 2 oz.
S4 - 4'	E305118-08A	Soil	05/16/23	05/19/23	Glass Jar, 2 oz.
S5 - 1'	E305118-09A	Soil	05/16/23	05/19/23	Glass Jar, 2 oz.
S5 - 4'	E305118-10A	Soil	05/16/23	05/19/23	Glass Jar, 2 oz.
S6 - 1'	E305118-11A	Soil	05/16/23	05/19/23	Glass Jar, 2 oz.
S6 - 4'	E305118-12A	Soil	05/16/23	05/19/23	Glass Jar, 2 oz.
S7 - 1'	E305118-13A	Soil	05/16/23	05/19/23	Glass Jar, 2 oz.
S7 - 4'	E305118-14A	Soil	05/16/23	05/19/23	Glass Jar, 2 oz.
S8 - 1'	E305118-15A	Soil	05/16/23	05/19/23	Glass Jar, 2 oz.
S8 - 4'	E305118-16A	Soil	05/16/23	05/19/23	Glass Jar, 2 oz.
S9 - 1'	E305118-17A	Soil	05/16/23	05/19/23	Glass Jar, 2 oz.
S9 - 4'	E305118-18A	Soil	05/16/23	05/19/23	Glass Jar, 2 oz.
S10 - 1'	E305118-19A	Soil	05/16/23	05/19/23	Glass Jar, 2 oz.
S10 - 4'	E305118-20A	Soil	05/16/23	05/19/23	Glass Jar, 2 oz.



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Corbin West 19 Fed. #1 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/26/2023 2:52:46PM
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S1 - 1'

E305118-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2320091
Benzene	ND	0.0250	1	05/19/23	05/24/23	
Ethylbenzene	ND	0.0250	1	05/19/23	05/24/23	
Toluene	ND	0.0250	1	05/19/23	05/24/23	
o-Xylene	ND	0.0250	1	05/19/23	05/24/23	
p,m-Xylene	ND	0.0500	1	05/19/23	05/24/23	
Total Xylenes	ND	0.0250	1	05/19/23	05/24/23	
<i>Surrogate: Bromofluorobenzene</i>		107 %	70-130	05/19/23	05/24/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.8 %	70-130	05/19/23	05/24/23	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	05/19/23	05/24/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2320091
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/19/23	05/24/23	
<i>Surrogate: Bromofluorobenzene</i>		107 %	70-130	05/19/23	05/24/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.8 %	70-130	05/19/23	05/24/23	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	05/19/23	05/24/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2321030
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/23	05/23/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/23	05/23/23	
<i>Surrogate: n-Nonane</i>		92.5 %	50-200	05/23/23	05/23/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2321004
Chloride	ND	20.0	1	05/22/23	05/23/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Corbin West 19 Fed. #1 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/26/2023 2:52:46PM
---	--	---

**S1 - 4'**

**E305118-02**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>		mg/kg	mg/kg	Analyst: SL		Batch: 2320091
Benzene	ND	0.0250	1	05/19/23	05/24/23	
Ethylbenzene	ND	0.0250	1	05/19/23	05/24/23	
Toluene	ND	0.0250	1	05/19/23	05/24/23	
o-Xylene	ND	0.0250	1	05/19/23	05/24/23	
p,m-Xylene	ND	0.0500	1	05/19/23	05/24/23	
Total Xylenes	ND	0.0250	1	05/19/23	05/24/23	
<i>Surrogate: Bromofluorobenzene</i>		109 %	70-130	05/19/23	05/24/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.5 %	70-130	05/19/23	05/24/23	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	05/19/23	05/24/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: SL		Batch: 2320091
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/19/23	05/24/23	
<i>Surrogate: Bromofluorobenzene</i>		109 %	70-130	05/19/23	05/24/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.5 %	70-130	05/19/23	05/24/23	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	05/19/23	05/24/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: JL		Batch: 2321030
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/23	05/23/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/23	05/23/23	
<i>Surrogate: n-Nonane</i>		95.9 %	50-200	05/23/23	05/23/23	
<b>Anions by EPA 300.0/9056A</b>		mg/kg	mg/kg	Analyst: BA		Batch: 2321004
Chloride	ND	20.0	1	05/22/23	05/23/23	



## Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Corbin West 19 Fed. #1 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/26/2023 2:52:46PM
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S2 - 1'

E305118-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2320091
Benzene	ND	0.0250	1	05/19/23	05/24/23	
Ethylbenzene	ND	0.0250	1	05/19/23	05/24/23	
Toluene	ND	0.0250	1	05/19/23	05/24/23	
o-Xylene	ND	0.0250	1	05/19/23	05/24/23	
p,m-Xylene	ND	0.0500	1	05/19/23	05/24/23	
Total Xylenes	ND	0.0250	1	05/19/23	05/24/23	
<i>Surrogate: Bromofluorobenzene</i>		106 %	70-130	05/19/23	05/24/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.4 %	70-130	05/19/23	05/24/23	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	05/19/23	05/24/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2320091
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/19/23	05/24/23	
<i>Surrogate: Bromofluorobenzene</i>		106 %	70-130	05/19/23	05/24/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.4 %	70-130	05/19/23	05/24/23	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	05/19/23	05/24/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2321030
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/23	05/23/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/23	05/23/23	
<i>Surrogate: n-Nonane</i>		97.1 %	50-200	05/23/23	05/23/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2321004
Chloride	ND	20.0	1	05/22/23	05/23/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Corbin West 19 Fed. #1 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/26/2023 2:52:46PM
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S2 - 4'

E305118-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320091
Benzene	ND	0.0250	1	05/19/23	05/24/23	
Ethylbenzene	ND	0.0250	1	05/19/23	05/24/23	
Toluene	ND	0.0250	1	05/19/23	05/24/23	
o-Xylene	ND	0.0250	1	05/19/23	05/24/23	
p,m-Xylene	ND	0.0500	1	05/19/23	05/24/23	
Total Xylenes	ND	0.0250	1	05/19/23	05/24/23	
<i>Surrogate: Bromofluorobenzene</i>		105 %	70-130	05/19/23	05/24/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	05/19/23	05/24/23	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	05/19/23	05/24/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320091
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/19/23	05/24/23	
<i>Surrogate: Bromofluorobenzene</i>		105 %	70-130	05/19/23	05/24/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	05/19/23	05/24/23	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	05/19/23	05/24/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2321030
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/23	05/23/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/23	05/23/23	
<i>Surrogate: n-Nonane</i>		98.1 %	50-200	05/23/23	05/23/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2321004
Chloride	ND	20.0	1	05/22/23	05/23/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Corbin West 19 Fed. #1 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/26/2023 2:52:46PM
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**S3 - 1'**

**E305118-05**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320091
Benzene	ND	0.0250	1	05/19/23	05/24/23	
Ethylbenzene	ND	0.0250	1	05/19/23	05/24/23	
Toluene	ND	0.0250	1	05/19/23	05/24/23	
o-Xylene	ND	0.0250	1	05/19/23	05/24/23	
p,m-Xylene	ND	0.0500	1	05/19/23	05/24/23	
Total Xylenes	ND	0.0250	1	05/19/23	05/24/23	
<i>Surrogate: Bromofluorobenzene</i>		105 %	70-130	05/19/23	05/24/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	05/19/23	05/24/23	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	05/19/23	05/24/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320091
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/19/23	05/24/23	
<i>Surrogate: Bromofluorobenzene</i>		105 %	70-130	05/19/23	05/24/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	05/19/23	05/24/23	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	05/19/23	05/24/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2321030
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/23	05/23/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/23	05/23/23	
<i>Surrogate: n-Nonane</i>		98.0 %	50-200	05/23/23	05/23/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2321004
Chloride	ND	20.0	1	05/22/23	05/23/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Corbin West 19 Fed. #1 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/26/2023 2:52:46PM
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S3 - 4'

E305118-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320091
Benzene	ND	0.0250	1	05/19/23	05/24/23	
Ethylbenzene	ND	0.0250	1	05/19/23	05/24/23	
Toluene	ND	0.0250	1	05/19/23	05/24/23	
o-Xylene	ND	0.0250	1	05/19/23	05/24/23	
p,m-Xylene	ND	0.0500	1	05/19/23	05/24/23	
Total Xylenes	ND	0.0250	1	05/19/23	05/24/23	
<i>Surrogate: Bromofluorobenzene</i>		105 %	70-130	05/19/23	05/24/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.3 %	70-130	05/19/23	05/24/23	
<i>Surrogate: Toluene-d8</i>		108 %	70-130	05/19/23	05/24/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320091
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/19/23	05/24/23	
<i>Surrogate: Bromofluorobenzene</i>		105 %	70-130	05/19/23	05/24/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.3 %	70-130	05/19/23	05/24/23	
<i>Surrogate: Toluene-d8</i>		108 %	70-130	05/19/23	05/24/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2321030
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/23	05/23/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/23	05/23/23	
<i>Surrogate: n-Nonane</i>		94.5 %	50-200	05/23/23	05/23/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2321004
Chloride	ND	20.0	1	05/22/23	05/23/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Corbin West 19 Fed. #1 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/26/2023 2:52:46PM
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S4 - 1'

E305118-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320091
Benzene	ND	0.0250	1	05/19/23	05/24/23	
Ethylbenzene	ND	0.0250	1	05/19/23	05/24/23	
Toluene	ND	0.0250	1	05/19/23	05/24/23	
o-Xylene	ND	0.0250	1	05/19/23	05/24/23	
p,m-Xylene	ND	0.0500	1	05/19/23	05/24/23	
Total Xylenes	ND	0.0250	1	05/19/23	05/24/23	
<i>Surrogate: Bromofluorobenzene</i>		108 %	70-130	05/19/23	05/24/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.2 %	70-130	05/19/23	05/24/23	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	05/19/23	05/24/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320091
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/19/23	05/24/23	
<i>Surrogate: Bromofluorobenzene</i>		108 %	70-130	05/19/23	05/24/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.2 %	70-130	05/19/23	05/24/23	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	05/19/23	05/24/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2321030
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/23	05/23/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/23	05/23/23	
<i>Surrogate: n-Nonane</i>		99.0 %	50-200	05/23/23	05/23/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2321004
Chloride	ND	20.0	1	05/22/23	05/23/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Corbin West 19 Fed. #1 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/26/2023 2:52:46PM
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S4 - 4'

E305118-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320091
Benzene	ND	0.0250	1	05/19/23	05/24/23	
Ethylbenzene	ND	0.0250	1	05/19/23	05/24/23	
Toluene	ND	0.0250	1	05/19/23	05/24/23	
o-Xylene	ND	0.0250	1	05/19/23	05/24/23	
p,m-Xylene	ND	0.0500	1	05/19/23	05/24/23	
Total Xylenes	ND	0.0250	1	05/19/23	05/24/23	
<i>Surrogate: Bromofluorobenzene</i>		107 %	70-130	05/19/23	05/24/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	05/19/23	05/24/23	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	05/19/23	05/24/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320091
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/19/23	05/24/23	
<i>Surrogate: Bromofluorobenzene</i>		107 %	70-130	05/19/23	05/24/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	05/19/23	05/24/23	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	05/19/23	05/24/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2321030
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/23	05/23/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/23	05/23/23	
<i>Surrogate: n-Nonane</i>		97.8 %	50-200	05/23/23	05/23/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2321004
Chloride	ND	20.0	1	05/22/23	05/23/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Corbin West 19 Fed. #1 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/26/2023 2:52:46PM
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**S5 - 1'**  
**E305118-09**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320091
Benzene	ND	0.0250	1	05/19/23	05/24/23	
Ethylbenzene	ND	0.0250	1	05/19/23	05/24/23	
Toluene	ND	0.0250	1	05/19/23	05/24/23	
o-Xylene	ND	0.0250	1	05/19/23	05/24/23	
p,m-Xylene	ND	0.0500	1	05/19/23	05/24/23	
Total Xylenes	ND	0.0250	1	05/19/23	05/24/23	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	05/19/23	05/24/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	05/19/23	05/24/23	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	05/19/23	05/24/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320091
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/19/23	05/24/23	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	05/19/23	05/24/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	05/19/23	05/24/23	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	05/19/23	05/24/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2321030
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/23	05/23/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/23	05/23/23	
<i>Surrogate: n-Nonane</i>		97.5 %	50-200	05/23/23	05/23/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2321004
Chloride	ND	20.0	1	05/22/23	05/23/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Corbin West 19 Fed. #1 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/26/2023 2:52:46PM
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**S5 - 4'**  
**E305118-10**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320091
Benzene	ND	0.0250	1	05/19/23	05/24/23	
Ethylbenzene	ND	0.0250	1	05/19/23	05/24/23	
Toluene	ND	0.0250	1	05/19/23	05/24/23	
o-Xylene	ND	0.0250	1	05/19/23	05/24/23	
p,m-Xylene	ND	0.0500	1	05/19/23	05/24/23	
Total Xylenes	ND	0.0250	1	05/19/23	05/24/23	
<i>Surrogate: Bromofluorobenzene</i>		105 %	70-130	05/19/23	05/24/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.9 %	70-130	05/19/23	05/24/23	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	05/19/23	05/24/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320091
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/19/23	05/24/23	
<i>Surrogate: Bromofluorobenzene</i>		105 %	70-130	05/19/23	05/24/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.9 %	70-130	05/19/23	05/24/23	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	05/19/23	05/24/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2321030
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/23	05/23/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/23	05/23/23	
<i>Surrogate: n-Nonane</i>		101 %	50-200	05/23/23	05/23/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2321004
Chloride	ND	20.0	1	05/22/23	05/23/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Corbin West 19 Fed. #1 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/26/2023 2:52:46PM
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**S6 - 1'**  
**E305118-11**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320091
Benzene	ND	0.0250	1	05/19/23	05/24/23	
Ethylbenzene	ND	0.0250	1	05/19/23	05/24/23	
Toluene	ND	0.0250	1	05/19/23	05/24/23	
o-Xylene	ND	0.0250	1	05/19/23	05/24/23	
p,m-Xylene	ND	0.0500	1	05/19/23	05/24/23	
Total Xylenes	ND	0.0250	1	05/19/23	05/24/23	
<i>Surrogate: Bromofluorobenzene</i>		107 %	70-130	05/19/23	05/24/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	05/19/23	05/24/23	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	05/19/23	05/24/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320091
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/19/23	05/24/23	
<i>Surrogate: Bromofluorobenzene</i>		107 %	70-130	05/19/23	05/24/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	05/19/23	05/24/23	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	05/19/23	05/24/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2321030
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/23	05/23/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/23	05/23/23	
<i>Surrogate: n-Nonane</i>		98.1 %	50-200	05/23/23	05/23/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2321004
Chloride	ND	20.0	1	05/22/23	05/23/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Corbin West 19 Fed. #1 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/26/2023 2:52:46PM
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S6 - 4'

E305118-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320091
Benzene	ND	0.0250	1	05/19/23	05/24/23	
Ethylbenzene	ND	0.0250	1	05/19/23	05/24/23	
Toluene	ND	0.0250	1	05/19/23	05/24/23	
o-Xylene	ND	0.0250	1	05/19/23	05/24/23	
p,m-Xylene	ND	0.0500	1	05/19/23	05/24/23	
Total Xylenes	ND	0.0250	1	05/19/23	05/24/23	
<i>Surrogate: Bromofluorobenzene</i>		107 %	70-130	05/19/23	05/24/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.3 %	70-130	05/19/23	05/24/23	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	05/19/23	05/24/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320091
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/19/23	05/24/23	
<i>Surrogate: Bromofluorobenzene</i>		107 %	70-130	05/19/23	05/24/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.3 %	70-130	05/19/23	05/24/23	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	05/19/23	05/24/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2321030
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/23	05/24/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/23	05/24/23	
<i>Surrogate: n-Nonane</i>		100 %	50-200	05/23/23	05/24/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2321004
Chloride	ND	20.0	1	05/22/23	05/23/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Corbin West 19 Fed. #1 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/26/2023 2:52:46PM
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S7 - 1'

E305118-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320091
Benzene	ND	0.0250	1	05/19/23	05/25/23	
Ethylbenzene	ND	0.0250	1	05/19/23	05/25/23	
Toluene	ND	0.0250	1	05/19/23	05/25/23	
o-Xylene	ND	0.0250	1	05/19/23	05/25/23	
p,m-Xylene	ND	0.0500	1	05/19/23	05/25/23	
Total Xylenes	ND	0.0250	1	05/19/23	05/25/23	
<i>Surrogate: Bromofluorobenzene</i>						
		108 %	70-130	05/19/23	05/25/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>						
		101 %	70-130	05/19/23	05/25/23	
<i>Surrogate: Toluene-d8</i>						
		105 %	70-130	05/19/23	05/25/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320091
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/19/23	05/25/23	
<i>Surrogate: Bromofluorobenzene</i>						
		108 %	70-130	05/19/23	05/25/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>						
		101 %	70-130	05/19/23	05/25/23	
<i>Surrogate: Toluene-d8</i>						
		105 %	70-130	05/19/23	05/25/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2321030
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/23	05/24/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/23	05/24/23	
<i>Surrogate: n-Nonane</i>						
		99.9 %	50-200	05/23/23	05/24/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2321004
Chloride	ND	20.0	1	05/22/23	05/23/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Corbin West 19 Fed. #1 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/26/2023 2:52:46PM
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S7 - 4'

E305118-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320091
Benzene	ND	0.0250	1	05/19/23	05/25/23	
Ethylbenzene	ND	0.0250	1	05/19/23	05/25/23	
Toluene	ND	0.0250	1	05/19/23	05/25/23	
o-Xylene	ND	0.0250	1	05/19/23	05/25/23	
p,m-Xylene	ND	0.0500	1	05/19/23	05/25/23	
Total Xylenes	ND	0.0250	1	05/19/23	05/25/23	
<i>Surrogate: Bromofluorobenzene</i>		106 %	70-130	05/19/23	05/25/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.0 %	70-130	05/19/23	05/25/23	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	05/19/23	05/25/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320091
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/19/23	05/25/23	
<i>Surrogate: Bromofluorobenzene</i>		106 %	70-130	05/19/23	05/25/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.0 %	70-130	05/19/23	05/25/23	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	05/19/23	05/25/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2321030
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/23	05/24/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/23	05/24/23	
<i>Surrogate: n-Nonane</i>		100 %	50-200	05/23/23	05/24/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2321004
Chloride	ND	20.0	1	05/22/23	05/23/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Corbin West 19 Fed. #1 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/26/2023 2:52:46PM
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**S8 - 1'**  
**E305118-15**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320091
Benzene	ND	0.0250	1	05/19/23	05/25/23	
Ethylbenzene	ND	0.0250	1	05/19/23	05/25/23	
Toluene	ND	0.0250	1	05/19/23	05/25/23	
o-Xylene	ND	0.0250	1	05/19/23	05/25/23	
p,m-Xylene	ND	0.0500	1	05/19/23	05/25/23	
Total Xylenes	ND	0.0250	1	05/19/23	05/25/23	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	05/19/23	05/25/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		100 %	70-130	05/19/23	05/25/23	
<i>Surrogate: Toluene-d8</i>		108 %	70-130	05/19/23	05/25/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320091
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/19/23	05/25/23	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	05/19/23	05/25/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		100 %	70-130	05/19/23	05/25/23	
<i>Surrogate: Toluene-d8</i>		108 %	70-130	05/19/23	05/25/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2321030
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/23	05/24/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/23	05/24/23	
<i>Surrogate: n-Nonane</i>		103 %	50-200	05/23/23	05/24/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2321004
Chloride	ND	20.0	1	05/22/23	05/23/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Corbin West 19 Fed. #1 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/26/2023 2:52:46PM
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**S8 - 4'**

**E305118-16**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320091
Benzene	ND	0.0250	1	05/19/23	05/25/23	
Ethylbenzene	ND	0.0250	1	05/19/23	05/25/23	
Toluene	ND	0.0250	1	05/19/23	05/25/23	
o-Xylene	ND	0.0250	1	05/19/23	05/25/23	
p,m-Xylene	ND	0.0500	1	05/19/23	05/25/23	
Total Xylenes	ND	0.0250	1	05/19/23	05/25/23	
<i>Surrogate: Bromofluorobenzene</i>		106 %	70-130	05/19/23	05/25/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.2 %	70-130	05/19/23	05/25/23	
<i>Surrogate: Toluene-d8</i>		108 %	70-130	05/19/23	05/25/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320091
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/19/23	05/25/23	
<i>Surrogate: Bromofluorobenzene</i>		106 %	70-130	05/19/23	05/25/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.2 %	70-130	05/19/23	05/25/23	
<i>Surrogate: Toluene-d8</i>		108 %	70-130	05/19/23	05/25/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2321030
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/23	05/24/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/23	05/24/23	
<i>Surrogate: n-Nonane</i>		103 %	50-200	05/23/23	05/24/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2321004
Chloride	ND	20.0	1	05/22/23	05/23/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Corbin West 19 Fed. #1 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/26/2023 2:52:46PM
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**S9 - 1'**

**E305118-17**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320091
Benzene	ND	0.0250	1	05/19/23	05/25/23	
Ethylbenzene	ND	0.0250	1	05/19/23	05/25/23	
Toluene	ND	0.0250	1	05/19/23	05/25/23	
o-Xylene	ND	0.0250	1	05/19/23	05/25/23	
p,m-Xylene	ND	0.0500	1	05/19/23	05/25/23	
Total Xylenes	ND	0.0250	1	05/19/23	05/25/23	
<i>Surrogate: Bromofluorobenzene</i>		108 %	70-130	05/19/23	05/25/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	05/19/23	05/25/23	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	05/19/23	05/25/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320091
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/19/23	05/25/23	
<i>Surrogate: Bromofluorobenzene</i>		108 %	70-130	05/19/23	05/25/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	05/19/23	05/25/23	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	05/19/23	05/25/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2321030
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/23	05/24/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/23	05/24/23	
<i>Surrogate: n-Nonane</i>		102 %	50-200	05/23/23	05/24/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2321004
Chloride	ND	20.0	1	05/22/23	05/23/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Corbin West 19 Fed. #1 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/26/2023 2:52:46PM
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**S9 - 4'**

**E305118-18**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320091
Benzene	ND	0.0250	1	05/19/23	05/25/23	
Ethylbenzene	ND	0.0250	1	05/19/23	05/25/23	
Toluene	ND	0.0250	1	05/19/23	05/25/23	
o-Xylene	ND	0.0250	1	05/19/23	05/25/23	
p,m-Xylene	ND	0.0500	1	05/19/23	05/25/23	
Total Xylenes	ND	0.0250	1	05/19/23	05/25/23	
<i>Surrogate: Bromofluorobenzene</i>		107 %	70-130	05/19/23	05/25/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	05/19/23	05/25/23	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	05/19/23	05/25/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320091
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/19/23	05/25/23	
<i>Surrogate: Bromofluorobenzene</i>		107 %	70-130	05/19/23	05/25/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	05/19/23	05/25/23	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	05/19/23	05/25/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2321030
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/23	05/24/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/23	05/24/23	
<i>Surrogate: n-Nonane</i>		94.3 %	50-200	05/23/23	05/24/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2321004
Chloride	ND	20.0	1	05/22/23	05/23/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Corbin West 19 Fed. #1 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/26/2023 2:52:46PM
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**S10 - 1'**

**E305118-19**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>		mg/kg	mg/kg	Analyst: SL		Batch: 2320091
Benzene	ND	0.0250	1	05/19/23	05/25/23	
Ethylbenzene	ND	0.0250	1	05/19/23	05/25/23	
Toluene	ND	0.0250	1	05/19/23	05/25/23	
o-Xylene	ND	0.0250	1	05/19/23	05/25/23	
p,m-Xylene	ND	0.0500	1	05/19/23	05/25/23	
Total Xylenes	ND	0.0250	1	05/19/23	05/25/23	
<i>Surrogate: Bromofluorobenzene</i>		106 %	70-130	05/19/23	05/25/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	05/19/23	05/25/23	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	05/19/23	05/25/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: SL		Batch: 2320091
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/19/23	05/25/23	
<i>Surrogate: Bromofluorobenzene</i>		106 %	70-130	05/19/23	05/25/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	05/19/23	05/25/23	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	05/19/23	05/25/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: JL		Batch: 2321030
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/23	05/24/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/23	05/24/23	
<i>Surrogate: n-Nonane</i>		102 %	50-200	05/23/23	05/24/23	
<b>Anions by EPA 300.0/9056A</b>		mg/kg	mg/kg	Analyst: BA		Batch: 2321004
Chloride	ND	20.0	1	05/22/23	05/23/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Corbin West 19 Fed. #1 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/26/2023 2:52:46PM
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**S10 - 4'**

**E305118-20**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320091
Benzene	ND	0.0250	1	05/19/23	05/25/23	
Ethylbenzene	ND	0.0250	1	05/19/23	05/25/23	
Toluene	ND	0.0250	1	05/19/23	05/25/23	
o-Xylene	ND	0.0250	1	05/19/23	05/25/23	
p,m-Xylene	ND	0.0500	1	05/19/23	05/25/23	
Total Xylenes	ND	0.0250	1	05/19/23	05/25/23	
<i>Surrogate: Bromofluorobenzene</i>		105 %	70-130	05/19/23	05/25/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.8 %	70-130	05/19/23	05/25/23	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	05/19/23	05/25/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320091
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/19/23	05/25/23	
<i>Surrogate: Bromofluorobenzene</i>		105 %	70-130	05/19/23	05/25/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.8 %	70-130	05/19/23	05/25/23	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	05/19/23	05/25/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2321030
Diesel Range Organics (C10-C28)	ND	25.0	1	05/23/23	05/24/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/23/23	05/24/23	
<i>Surrogate: n-Nonane</i>		100 %	50-200	05/23/23	05/24/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2321004
Chloride	ND	20.0	1	05/22/23	05/23/23	



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Corbin West 19 Fed. #1 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/26/2023 2:52:46PM
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#### Volatile Organic Compounds by EPA 8260B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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#### Blank (2320091-BLK1)

Prepared: 05/19/23 Analyzed: 05/24/23

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	0.540		0.500		108		70-130		
Surrogate: 1,2-Dichloroethane-d4	0.507		0.500		101		70-130		
Surrogate: Toluene-d8	0.538		0.500		108		70-130		

#### LCS (2320091-BS1)

Prepared: 05/19/23 Analyzed: 05/24/23

Benzene	2.45	0.0250	2.50		98.0		70-130		
Ethylbenzene	2.45	0.0250	2.50		97.8		70-130		
Toluene	2.52	0.0250	2.50		101		70-130		
o-Xylene	2.63	0.0250	2.50		105		70-130		
p,m-Xylene	5.30	0.0500	5.00		106		70-130		
Total Xylenes	7.93	0.0250	7.50		106		70-130		
Surrogate: Bromofluorobenzene	0.545		0.500		109		70-130		
Surrogate: 1,2-Dichloroethane-d4	0.503		0.500		101		70-130		
Surrogate: Toluene-d8	0.540		0.500		108		70-130		

#### Matrix Spike (2320091-MS1)

Source: E305118-02

Prepared: 05/19/23 Analyzed: 05/24/23

Benzene	2.48	0.0250	2.50	ND	99.1		48-131		
Ethylbenzene	2.52	0.0250	2.50	ND	101		45-135		
Toluene	2.54	0.0250	2.50	ND	101		48-130		
o-Xylene	2.70	0.0250	2.50	ND	108		43-135		
p,m-Xylene	5.34	0.0500	5.00	ND	107		43-135		
Total Xylenes	8.04	0.0250	7.50	ND	107		43-135		
Surrogate: Bromofluorobenzene	0.547		0.500		109		70-130		
Surrogate: 1,2-Dichloroethane-d4	0.505		0.500		101		70-130		
Surrogate: Toluene-d8	0.525		0.500		105		70-130		

#### Matrix Spike Dup (2320091-MSD1)

Source: E305118-02

Prepared: 05/19/23 Analyzed: 05/24/23

Benzene	2.46	0.0250	2.50	ND	98.3		48-131	0.770	23
Ethylbenzene	2.44	0.0250	2.50	ND	97.7		45-135	3.16	27
Toluene	2.44	0.0250	2.50	ND	97.7		48-130	3.82	24
o-Xylene	2.59	0.0250	2.50	ND	104		43-135	4.01	27
p,m-Xylene	5.14	0.0500	5.00	ND	103		43-135	3.80	27
Total Xylenes	7.73	0.0250	7.50	ND	103		43-135	3.87	27
Surrogate: Bromofluorobenzene	0.530		0.500		106		70-130		
Surrogate: 1,2-Dichloroethane-d4	0.504		0.500		101		70-130		
Surrogate: Toluene-d8	0.526		0.500		105		70-130		



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Corbin West 19 Fed. #1 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/26/2023 2:52:46PM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2320091-BLK1)**

Prepared: 05/19/23 Analyzed: 05/24/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.540		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.507		0.500		101	70-130			
Surrogate: Toluene-d8	0.538		0.500		108	70-130			

**LCS (2320091-BS2)**

Prepared: 05/19/23 Analyzed: 05/24/23

Gasoline Range Organics (C6-C10)	55.3	20.0	50.0		111	70-130			
Surrogate: Bromofluorobenzene	0.544		0.500		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.502		0.500		100	70-130			
Surrogate: Toluene-d8	0.535		0.500		107	70-130			

**Matrix Spike (2320091-MS2)**

Source: E305118-02

Prepared: 05/19/23 Analyzed: 05/24/23

Gasoline Range Organics (C6-C10)	54.9	20.0	50.0	ND	110	70-130			
Surrogate: Bromofluorobenzene	0.552		0.500		110	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.502		0.500		100	70-130			
Surrogate: Toluene-d8	0.542		0.500		108	70-130			

**Matrix Spike Dup (2320091-MSD2)**

Source: E305118-02

Prepared: 05/19/23 Analyzed: 05/24/23

Gasoline Range Organics (C6-C10)	55.0	20.0	50.0	ND	110	70-130	0.166	20	
Surrogate: Bromofluorobenzene	0.544		0.500		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.496		0.500		99.1	70-130			
Surrogate: Toluene-d8	0.546		0.500		109	70-130			



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Corbin West 19 Fed. #1 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/26/2023 2:52:46PM
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#### 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 (2321030-BLK1)**

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

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	49.6		50.0		99.2	50-200			

**LCS (2321030-BS1)**

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

Diesel Range Organics (C10-C28)	248	25.0	250		99.3	38-132			
Surrogate: <i>n</i> -Nonane	47.2		50.0		94.4	50-200			

**Matrix Spike (2321030-MS1)**

Source: E305118-20

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

Diesel Range Organics (C10-C28)	271	25.0	250	ND	108	38-132			
Surrogate: <i>n</i> -Nonane	46.8		50.0		93.7	50-200			

**Matrix Spike Dup (2321030-MSD1)**

Source: E305118-20

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

Diesel Range Organics (C10-C28)	265	25.0	250	ND	106	38-132	2.05	20	
Surrogate: <i>n</i> -Nonane	48.4		50.0		96.8	50-200			



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Corbin West 19 Fed. #1 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/26/2023 2:52:46PM
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#### Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2321004-BLK1)**

Prepared: 05/22/23 Analyzed: 05/22/23

Chloride ND 20.0

**LCS (2321004-BS1)**

Prepared: 05/22/23 Analyzed: 05/23/23

Chloride 262 20.0 250 105 90-110

**Matrix Spike (2321004-MS1)**

Source: E305118-01

Prepared: 05/22/23 Analyzed: 05/23/23

Chloride 265 20.0 250 ND 106 80-120

**Matrix Spike Dup (2321004-MSD1)**

Source: E305118-01

Prepared: 05/22/23 Analyzed: 05/23/23

Chloride 264 20.0 250 ND 106 80-120 0.446 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:	Corbin West 19 Fed. #1	
PO Box 247	Project Number:	01058-0007	<b>Reported:</b>
Plains TX, 79355-0247	Project Manager:	Tom Bynum	05/26/23 14:52

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.



<b>Client:</b> Pima Environmental Services <b>Project:</b> <u>Corbin West - 19 Feb. #1</u> <b>Project Manager:</b> Tom Bynum <b>Address:</b> 5614 N. Lovington Hwy. <b>City, State, Zip:</b> Hobbs, NM, 88240 <b>Phone:</b> 580-748-1613 <b>Email:</b> tom@pimaoil.com <b>Report due by:</b>		<b>Bill To</b> <b>Attention:</b> <u>Devon</u> <b>Address:</b> <b>City, State, Zip:</b> <b>Phone:</b> <b>Email:</b> <b>Pima Project #</b> <u>1-249</u>		<b>Lab Use Only</b> <b>Lab WOH:</b> <u>E305118</u> <b>Job Number:</b> <u>01058-0007</u>		<b>TAT</b> 1D 2D 3D Standard				<b>EPA Program</b> CWA SDWA RCRA	
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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
8:10	5/16/23	S	1	S1	1							X		
8:15				S1	2									
8:20				S2	3									
8:25				S2	4									
8:30				S3	5									
8:35				S3	6									
8:40				S4	7									
8:45				S4	8									
8:50				S5	9									
8:55				S5	10									

**Additional Instructions:** B# 21142555

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

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

Relinquished by: (Signature) <u>Karime Adame</u>	Date <u>5/18/23</u>	Time <u>1435</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>5-18-23</u>	Time <u>1435</u>	<b>Lab Use Only</b> <b>Received on ice:</b> <u>(X) N</u> T1 T2 T3 <b>AVG Temp °C</b> <u>4</u>
Relinquished by: (Signature) <u>[Signature]</u>	Date <u>5-18-23</u>	Time <u>1720</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>5-18-23</u>	Time <u>1730</u>	
Relinquished by: (Signature) <u>Andrew Russo</u>	Date <u>5-18-23</u>	Time <u>2400</u>	Received by: (Signature) <u>Caitlin Mann</u>	Date <u>5/19/23</u>	Time <u>8:20</u>	

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

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



Project Information

Chain of Custody

Client: Pima Environmental Services		Bill To		Lab Use Only				TAT				EPA Program	
Project: <u>Corbin West 19 Fed #1</u>		Attention: <u>Devon</u>		Lab WO#		Job Number		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Tom Bynum		Address:		E 305119		D1058-0007					X		
Address: 5614 N. Lovington Hwy.		City, State, Zip		Analysis and Method									
City, State, Zip Hobbs, NM, 88240		Phone:		DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC NM	BGDOC TX	
Phone: 580-748-1613		Email:		State									
Email: tom@pimaoil.com		Pima Project # 1-249		NM CO UT AZ TX									
Report due by:		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
9:00	5/18/23	S	1	S6	11							X		
9:05				S6	12									
9:10				S7	13									
9:15				S7	14									
9:20				S8	15									
9:25				S8	16									
9:30				S9	17									
9:35				S9	18									
9:40				S10	19									
9:45				S10	20									

Additional Instructions: ## 21142555

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

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

Relinquished by: (Signature) <u>Karine Adams</u>	Date <u>5/18/23</u>	Time <u>1435</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>5-18-23</u>	Time <u>1435</u>	Lab Use Only
Relinquished by: (Signature) <u>[Signature]</u>	Date <u>5-18-23</u>	Time <u>1720</u>	Received by: (Signature) <u>Andrew Muzzo</u>	Date <u>5-18-23</u>	Time <u>1730</u>	Received on ice: <u>(Y) N</u>
Relinquished by: (Signature) <u>Andrew Muzzo</u>	Date <u>5-18-23</u>	Time <u>2400</u>	Received by: (Signature) <u>Caith-Mann</u>	Date <u>5/19/23</u>	Time <u>8:20</u>	T1 _____ T2 _____ T3 _____
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other						AVG Temp °C <u>4</u>

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



Envirotech Analytical Laboratory

Printed: 5/19/2023 1:13:23PM

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:	05/19/23 08:20	Work Order ID:	E305118
Phone:	(575) 631-6977	Date Logged In:	05/19/23 09:36	Logged In By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:	05/25/23 17:00 (4 day TAT)		

**Chain of Custody (COC)**

- 1. Does the sample ID match the COC? No
- 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

Carrier: Courier

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

**Sample Turn Around Time (TAT)**

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

**Sample Cooler**

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

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

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

**Sample Container**

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

**Field Label**

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

**Sample Preservation**

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

**Multiphase Sample Matrix**

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

**Subcontract Laboratory**

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

**Comments/Resolution**

Project Corbin West 19 Fed #1 has been separated into 2 reports due to sample volume. Workorders are as follows: E305118/E305119. Added depths to sample names on COC to match containers per client.

**Client Instruction**

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

Date



envirotech Inc.

Released to Imbruglia: 6/30/2023 12:27:53 AM

Received by OCD: 6/29/2023 12:41:55 PM

Client: Pima Environmental Services  
 Project: Corbin West 19 Feb. #1  
 Project Manager: Tom Bynum  
 Address: 5614 N. Lovington Hwy.  
 City, State, Zip: Hobbs, NM, 88240  
 Phone: 580-748-1613  
 Email: tom@pimaoil.com  
 Report due by:

**Bill To**  
 Attention: Devon  
 Address:  
 City, State, Zip  
 Phone:  
 Email:  
 Pima Project # 1-249

Lab Use Only		TAT				EPA Program	
Lab WO# <u>E305118</u>	Job Number <u>01058-0007</u>	1D	2D	3D	Standard	CWA	SDWA
Analysis and Method							
DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX
State							
NM		CO		UT		AZ TX	
Remarks							

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
8:10	5/16/23	S	1	S1-1'	1							X		Added depths to sample names on COC's to match Containers. per Sebastian  5/19/23 CM
8:15				S1-4'	2									
8:20				S2-1'	3									
8:25				S2-4'	4									
8:30				S3-1'	5									
8:35				S3-4'	6									
8:40				S4-1'	7									
8:45				S4-4'	8									
8:50				S5-1'	9									
8:55				S5-4'	10									

**Additional Instructions:** B# 21142555

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature) <u>Karime Adame</u>	Date <u>5/18/23</u>	Time <u>1435</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>5-18-23</u>	Time <u>1435</u>	<b>Lab Use Only</b> Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
Relinquished by: (Signature) <u>[Signature]</u>	Date <u>5-18-23</u>	Time <u>1720</u>	Received by: (Signature) <u>Andrew Messa</u>	Date <u>5-18-23</u>	Time <u>1730</u>	
Relinquished by: (Signature) <u>Andrew Messa</u>	Date <u>5-18-23</u>	Time <u>2400</u>	Received by: (Signature) <u>Cathy Mann</u>	Date <u>5/19/23</u>	Time <u>8:20</u>	

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other  
 Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA  
 Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.



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Project Information

Chain of Custody

Client: Pima Environmental Services  
 Project: Corbin West 19 Fed #1  
 Project Manager: Tom Bynum  
 Address: 5614 N. Lovington Hwy.  
 City, State, Zip Hobbs, NM, 88240  
 Phone: 580-748-1613  
 Email: tom@pimaoil.com  
 Report due by:

Bill To  
 Attention: Devon  
 Address:  
 City, State, Zip  
 Phone:  
 Email:  
 Pima Project # 1-249

Lab Use Only		TAT			EPA Program		
Lab WO#	Job Number	1D	2D	3D	Standard	CWA	SDWA
<u>E 305118</u>	<u>01058-0007</u>				<u>X</u>		
Analysis and Method							RCRA

State				
NM	CO	UT	AZ	TX
<u>X</u>				

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
9:00	5/18/23	S	1	S6-1'	11							<u>X</u>		
9:05				S6-4'	12									
9:10				S7-1'	13									
9:15				S7-4'	14									
9:20				S8-1'	15									
9:25				S8-4'	16									
9:30				S9-1'	17									
9:35				S9-4'	18									
9:40				S10-1'	19									
9:45				S10-4'	20									

Additional Instructions: B# 21142555

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only
<u>Karine Adams</u>	5/18/23	1435	<u>[Signature]</u>	5-18-23	1435	Received on ice: <u>(Y) / N</u>
<u>[Signature]</u>	5-18-23	1720	<u>Andrew Messo</u>	5-18-23	1730	T1 _____ T2 _____ T3 _____
<u>Andrew Messo</u>	5-18-23	2400	<u>Caitlin Mann</u>	5/19/23	8:20	AVG Temp °C <u>4</u>

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



**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 234478

**CONDITIONS**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 234478
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
amaxwell	None	6/30/2023