



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

October 10, 2023

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

Bureau of Land Management  
 620 E Greene St  
 Carlsbad, NM 88220

**Re: Site Assessment, Remediation, and Closure Report**  
**Right Meow 31 CTB 5**  
**API No. N/A**  
**GPS: Latitude 32.256124, Longitude -103.718063**  
**UL M, Section 31, T23S, R32E**  
**Eddy County, NM**  
**NMOCD Ref. No. NAPP2321162164**

Pima Environmental Services, LLC. (Pima) has been contracted by Devon Energy Production Company (Devon) to perform a spill assessment, remediation activities, and submit this closure report for a produced water release that occurred at the Right Meow 31 CTB 5 (Right Meow). The initial C-141 was submitted on August 21, 2023 (Appendix C). This incident was assigned Incident ID NAPP2321162164 by the New Mexico Oil Conservation Division (NMOCD).

### Site Characterization

The Right Meow is located approximately twenty-one (21) miles east of Malaga, NM. This spill site is in Unit M, Section 31, Township 23S, Range 32E, Latitude 32.256124 Longitude -103.718063, Eddy County, NM. Figure 1 references a Location Map.

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

According to the New Mexico Office of the State Engineer, depth to the nearest groundwater in this area is 300 feet below grade surface (BGS). According to the United States Geological Survey (USGS), the nearest groundwater is 454 feet BGS. The closest waterway is a salt playa located approximately 13 miles to the northwest of this location. See Appendix A for referenced water surveys.

**Table 1 NMAC and Closure Criteria 19.15.29**

Depth to Groundwater (Appendix A)	Constituent & Limits				
	Chlorides	Total TPH	GRO+DRO	BTEX	Benzene
<50'	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.

Right Meow 31 CTB 5|Devon Energy

**Release Information**

**NAPP2321162164:** On July 30, 2023, a water line by a separator developed a leak causing fluids to be released. The released fluids were calculated to be approximately Thirty (30) barrels (bbls) of produced water. No fluids were able to be recovered.

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

On August 1, 2023, Pima mobilized personnel to the site to begin collecting soil samples from spill area. The laboratory results of this sampling event can be found in the following data table. A Site Map can be found in Figure 4.

8-1-23 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100")								
DEVON ENERGY -RIGHT MEOW 31 CTB 5								
Sample Date: 8/1/2023		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	CI mg/kg
S-1	1'	ND	ND	ND	ND	ND	0	2610
	2'	ND	ND	ND	ND	ND	0	47.5
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S-2	1'	ND	ND	ND	ND	ND	0	3620
	2'	ND	ND	ND	ND	ND	0	175
	3'	ND	ND	ND	ND	ND	0	29.7
	4'	ND	ND	ND	ND	ND	0	ND
S-3	1'	ND	ND	ND	ND	ND	0	3410
	2'	ND	ND	ND	ND	ND	0	2340
	3'	ND	ND	ND	ND	ND	0	78.6
	4'	ND	ND	ND	ND	ND	0	ND
S-4	1'	ND	ND	ND	ND	ND	0	3460
	2'	ND	ND	ND	ND	ND	0	774
	3'	ND	ND	ND	ND	ND	0	248
	4'	ND	ND	ND	ND	ND	0	ND
S-5	1'	ND	ND	ND	ND	ND	0	3540
	2'	ND	ND	ND	ND	ND	0	79.2
	3'	ND	ND	ND	ND	ND	0	52.8
	4'	ND	ND	ND	ND	ND	0	ND
SW-1	6"	ND	ND	ND	ND	ND	0	ND
SW-2	6"	ND	ND	ND	ND	ND	0	ND
SW-3	6"	ND	ND	ND	ND	ND	0	ND
SW-4	6"	ND	ND	ND	ND	ND	0	ND
SW-5	6"	ND	ND	ND	ND	ND	0	ND
SW-6	6"	ND	ND	ND	ND	ND	0	ND
SW-7	6"	ND	ND	ND	ND	ND	0	ND
BG 1	6"	ND	ND	ND	ND	ND	0	ND

ND- Analyte Not Detected

Complete laboratory reports can be found in Appendix E.

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

**Closure Request**

After careful review, Pima requests that this incident, NAPP2321162164, be closed. Devon has complied with the applicable closure requirements set forth in rule 19.15.19.12 NMAC.

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

Respectfully,



Gio Gomez

Project Manager

Pima Environmental Services, LLC

Right Meow 31 CTB 5 | [Devon Energy](#)

**Attachments**

Figures:

- 1- Location Map
- 2- Topographic Map
- 3- Karst Map
- 4- Site Map
- 5- Active Well Map

Appendices:

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



Pima Environmental Services

**Figures:**



- 1 - Location Map
- 2 - Topographic Map
- 3 - Karst Map
- 4 - Site Map
- 5 - Active Well Map

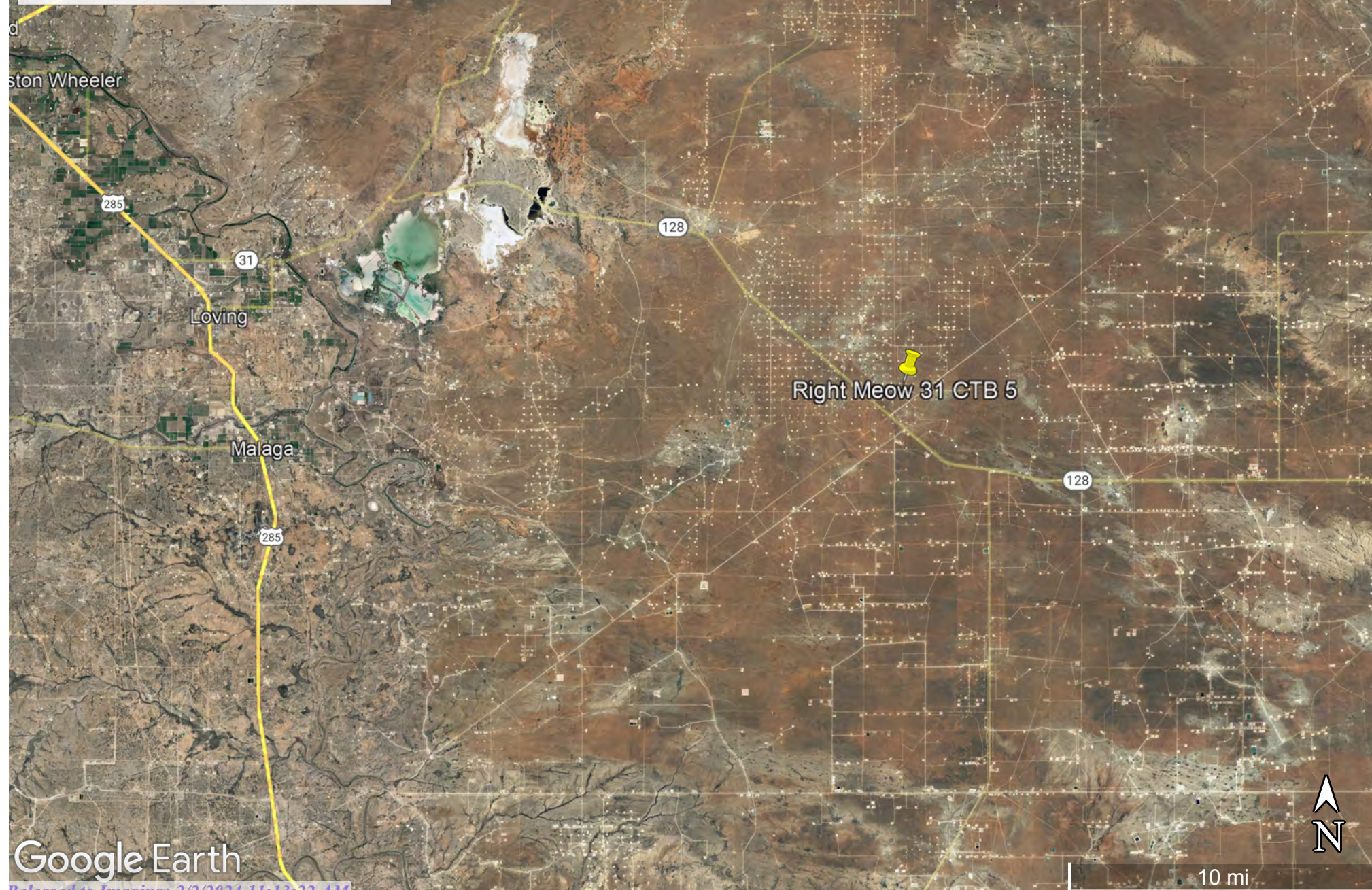


# Right Meow 31 CTB 5

Devon Energy  
API: N/A  
Lea County, NM  
Location Map

## Legend

-  21 Miles E of Malaga, NM
-  Right Meow 31 CTB 5



Google Earth

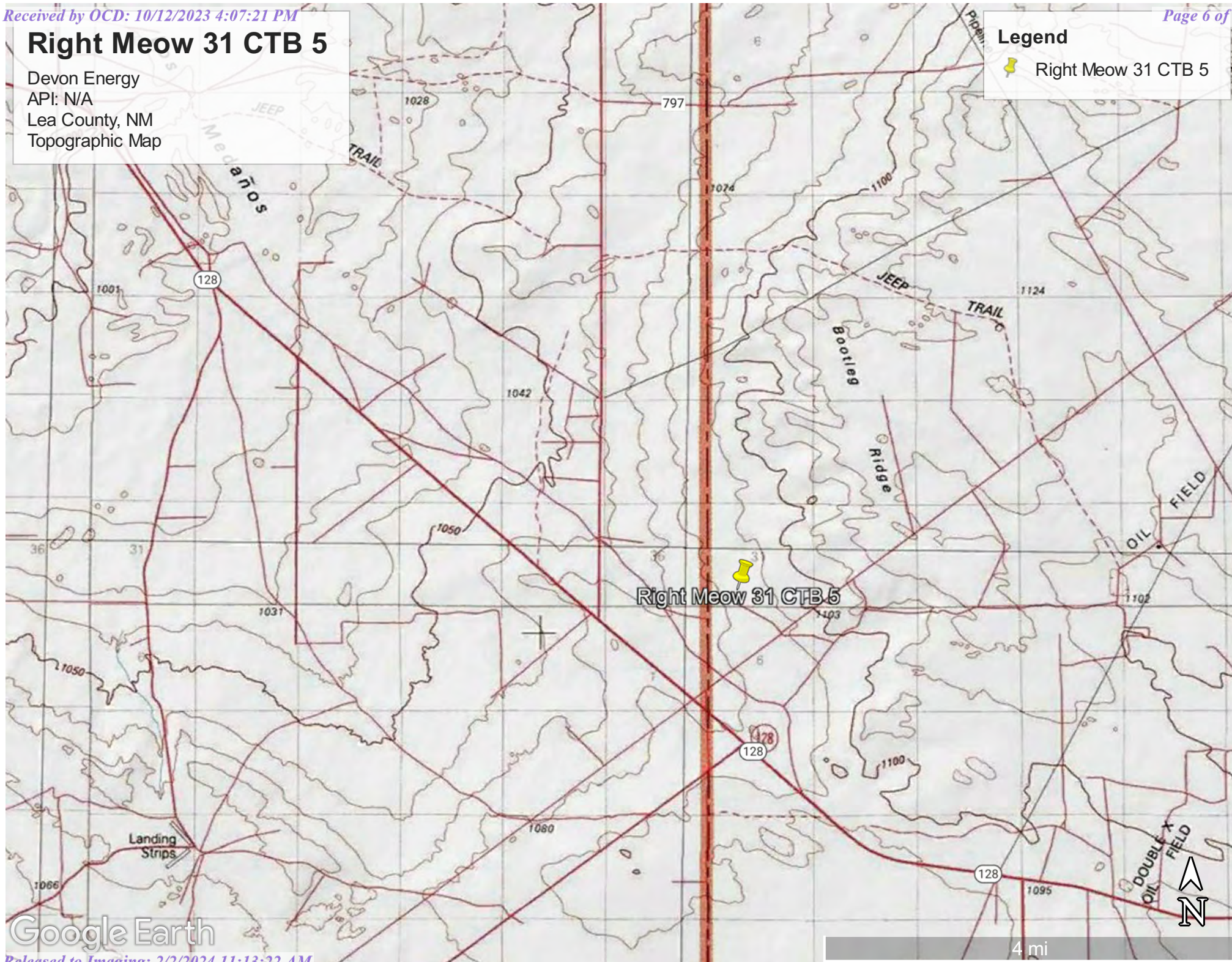


## Right Meow 31 CTB 5

Devon Energy  
API: N/A  
Lea County, NM  
Topographic Map

### Legend

 Right Meow 31 CTB 5







Google Earth

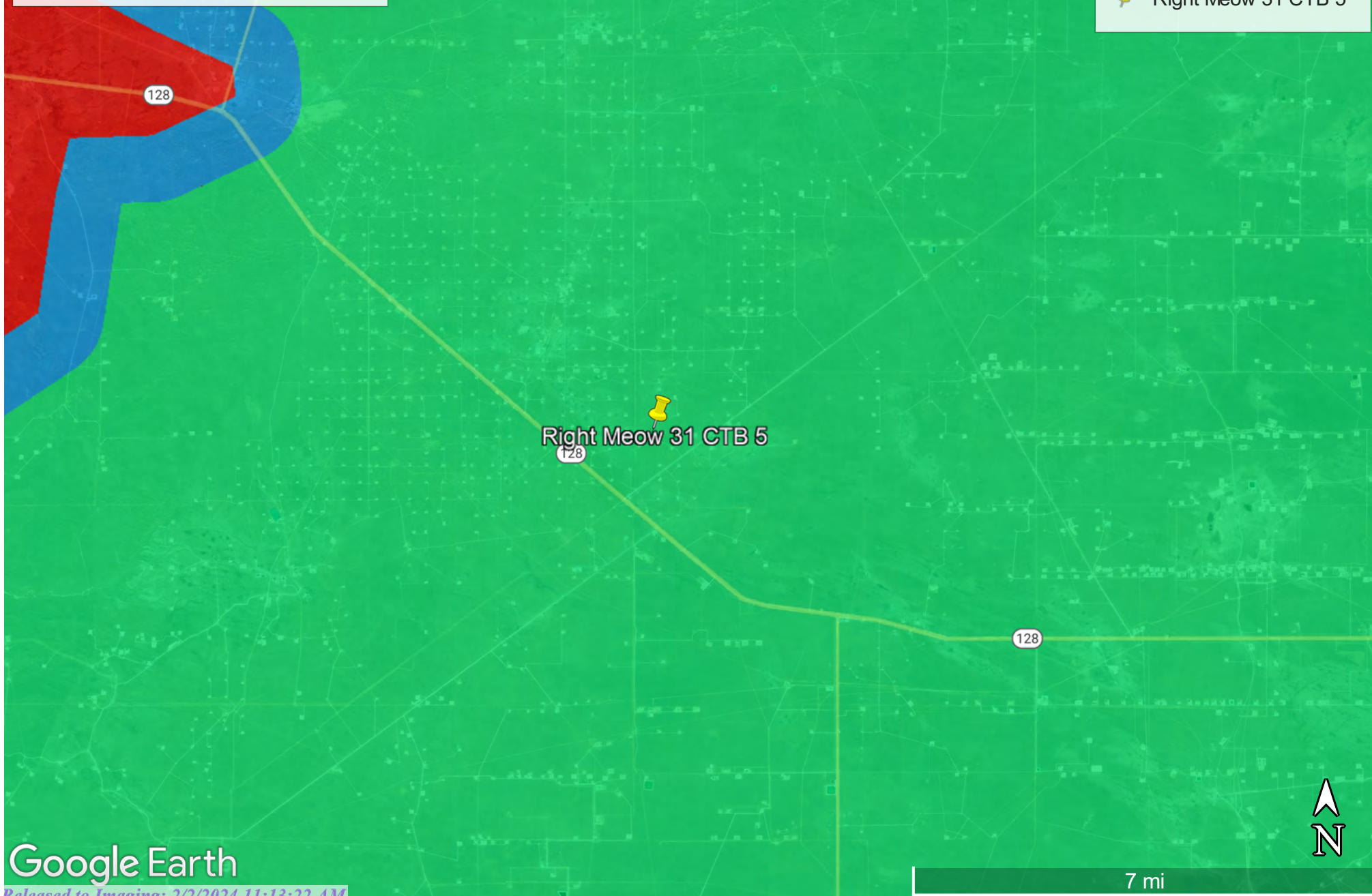


# Right Meow 31 CTB 5

Devon Energy  
API: N/A  
Lea County, NM  
Karst Map

## Legend

-  High Karst
-  Low Karst
-  Medium Karst
-  Right Meow 31 CTB 5



Google Earth

7 mi



# Right Meow 31 CTB 5

Devon Energy  
API: N/A  
Lea County, NM  
Site Map

## Legend

- Background/Sidewalls
- Samples
- Right Meow 31 CTB 5
- Spill Area 1,863 sqft

Right Meow 31 CTB 5

SW3  
S2  
SW2  
S1  
SW4  
SW5  
SW1  
S4  
SW6  
SW7

BG1






100 ft



# Right Meow 31 CTB 5

Devon Energy  
API: N/A  
Eddy County, NM  
Active Well Map

## Legend

-  .42 miles
-  C-04712-POD1
-  Right Meow 31 CTB5

C-04712-POD1

Right Meow 31 CTB5



2000 ft

Google Earth





Pima Environmental Services

**Appendix A**

Water Surveys:

OSE

USGS

Surface Water Map

Well Record & Log





# New Mexico Office of the State Engineer

## Water Column/Average Depth to Water

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

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

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

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

(In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
<a href="#">C_04712 POD1</a>		CUB	LE	1	4	1	31	23S	32E	620917	3570289	760	55		
<a href="#">C_04746 POD1</a>		CUB	ED	3	4	3	36	23S	31E	619226	3569417	1533	105		
<a href="#">C_04672 POD 1</a>		CUB	ED	2	1	4	01	24S	31E	619762	3568286	1603	110		
<a href="#">C_03555 POD1</a>		C	LE	2	2	1	05	24S	32E	622748	3569233	2019	600	380	220
<a href="#">C_03529 POD1</a>		C	LE	2	4	3	29	23S	32E	622651	3571212	2525	550		
<a href="#">C_02405</a>		CUB	ED	4	1	02	24S	31E	617690	3568631*	3197	275	160	115	
<a href="#">C_02464</a>		C	ED	2	3	1	02	24S	31E	617645	3568581	3254	320	205	115
<a href="#">C_04687 POD1</a>		CUB	ED	4	2	3	12	24S	31E	619481	3566450	3347	110		
<a href="#">C_03530 POD1</a>		C	LE	3	4	3	07	24S	32E	620886	3566156	3392	550		
<a href="#">C_02348</a>		C	ED	1	4	3	26	23S	31E	617648	3571068	3458	700	430	270
<a href="#">C_02258</a>		C	ED	3	2	26	23S	31E	618055	3571853*	3549	662			
<a href="#">C_02460</a>		C	ED	3	02	24S	31E	617496	3568022*	3596	320				
<a href="#">C_02460 POD2</a>		C	ED	3	02	24S	31E	617496	3568022*	3596	320				
<a href="#">C_03851 POD1</a>		CUB	LE	3	3	4	20	23S	32E	622880	3572660	3770	1392	713	679
<a href="#">C_04712 POD3</a>		CUB	ED	4	1	2	24	23S	31E	619651	3573877	4469	55		

Average Depth to Water: **377 feet**

Minimum Depth: **160 feet**

Maximum Depth: **713 feet**

**Record Count:** 15

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

**Easting (X):** 620753.3

**Northing (Y):** 3569546.79

**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.


8/2/23 2:17 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER



# New Mexico Office of the State Engineer

## Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)						(NAD83 UTM in meters)	
		(quarters are smallest to largest)						X	Y
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng		
NA	C 04712 POD1	1	4	1	31	23S	32E	620917	3570289 
x									
Driller License:		1833	Driller Company:			VISION RESOURCES, INC			
Driller Name:		JASON MALEY							
Drill Start Date:		03/09/2023	Drill Finish Date:			03/09/2023	Plug Date:		03/14/2023
Log File Date:		04/04/2023	PCW Rcv Date:			Source:			
Pump Type:		Pipe Discharge Size:			Estimated Yield:				
Casing Size:		6.00	Depth Well:			55 feet	Depth Water:		
x									
Casing Perforations:				Top	Bottom				
				45	55				
x									

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.

8/21/23 12:54 PM

POINT OF DIVERSION SUMMARY





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

## National Water Information System: Web Interface

USGS Water Resources

Data Category:


Groundwater

Geographic Area:

United States

GO

Click to hide News Bulletins

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

Groundwater levels for the Nation

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

### Search Results -- 1 sites found

site\_no list =

- 321428103395801

Minimum number of levels = 1

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

### USGS 321428103395801 24S.32E.03.32124

Available data for this site

Groundwater: Field measurements

GO

Lea County, New Mexico

Hydrologic Unit Code 13060011

Latitude 32°14'28", Longitude 103°39'58" NAD27

Land-surface elevation 3,653 feet above NAVD88

The depth of the well is 550 feet below land surface.

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

This well is completed in the Santa Rosa Sandstone (231SNRS) local aquifer.

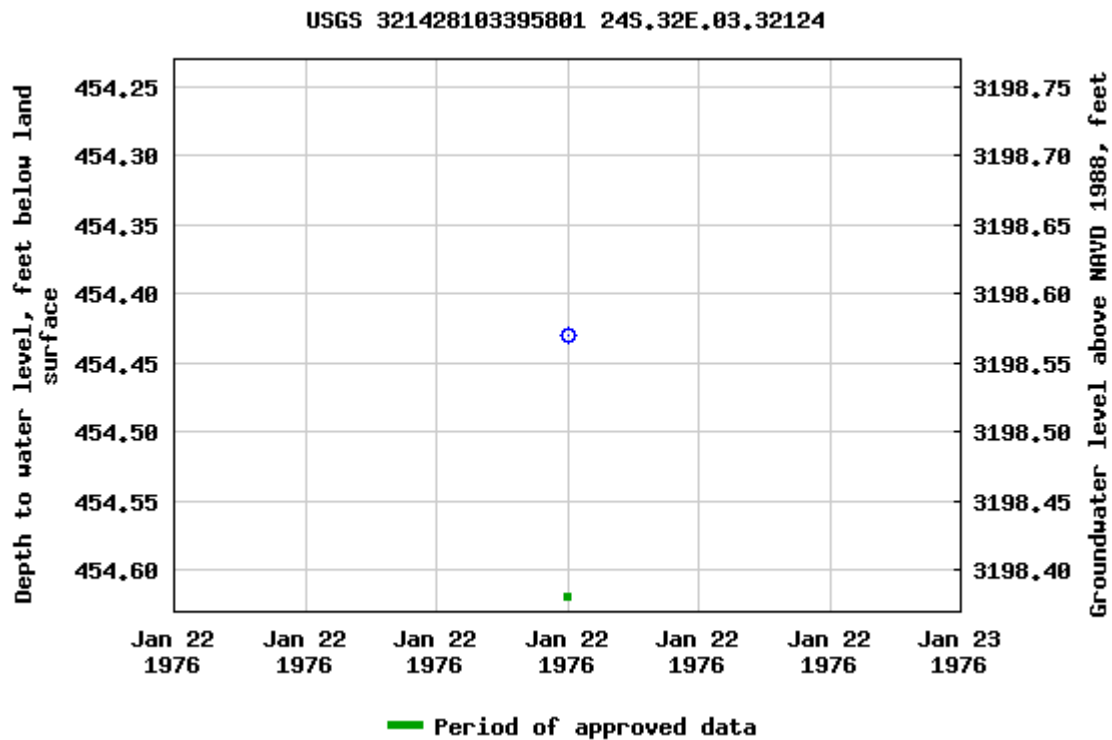
#### Output formats

[Table of data](#)

[Tab-separated data](#)

[Graph of data](#)

[Reselect period](#)



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

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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: 2023-08-02 16:13:12 EDT



0.58 0.49 nadww01

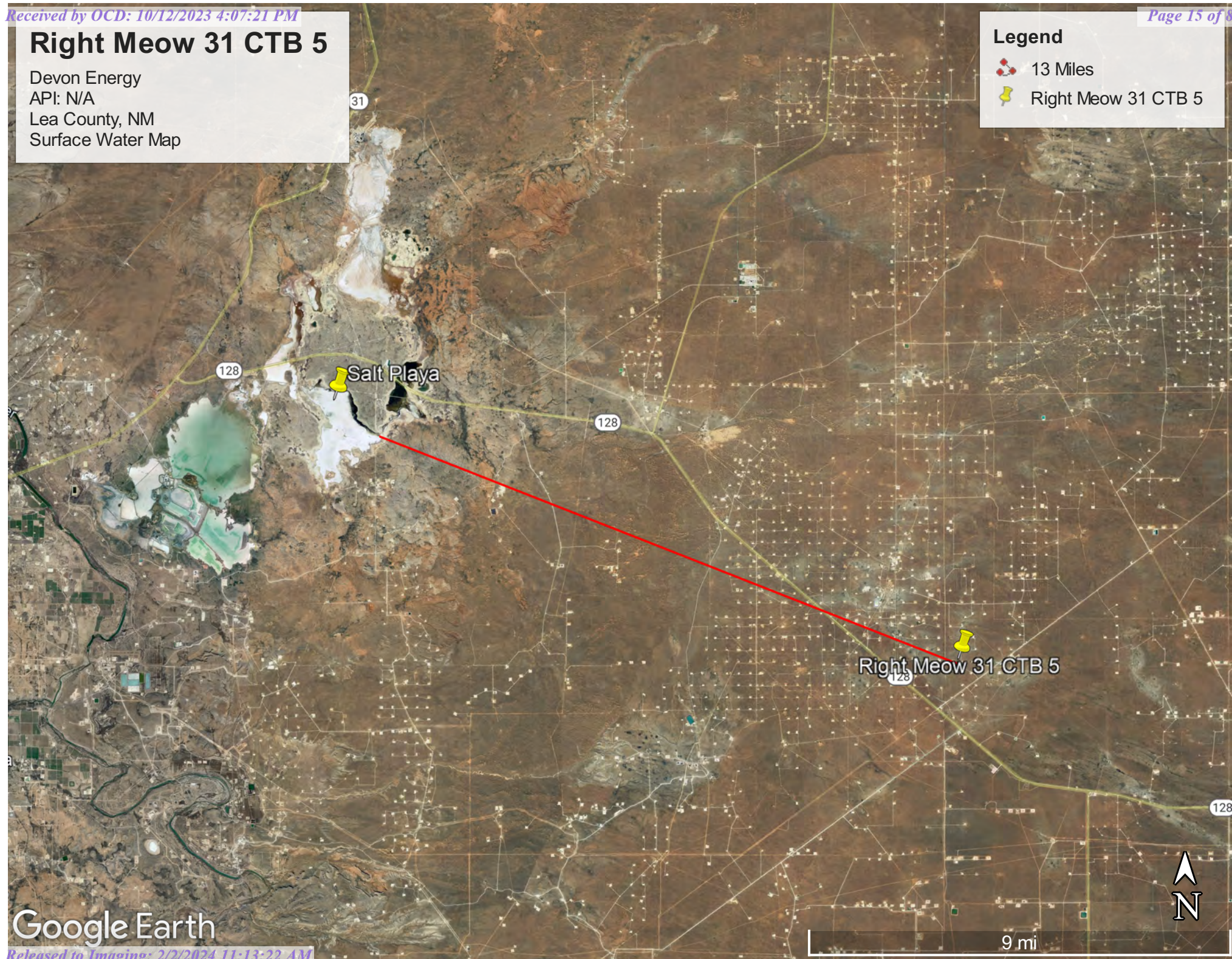


# Right Meow 31 CTB 5

Devon Energy  
API: N/A  
Lea County, NM  
Surface Water Map

## Legend

-  13 Miles
-  Right Meow 31 CTB 5



Google Earth





# WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

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

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) <b>C-4712 POD 1</b>		WELL TAG ID NO.		OSE FILE NO(S). <b>C-4712</b>		
	WELL OWNER NAME(S) <b>Harvard Petroleum Company</b>				PHONE (OPTIONAL)		
	WELL OWNER MAILING ADDRESS <b>PO Box 936</b>				CITY <b>Roswell</b>	STATE <b>NM</b>	ZIP <b>88202</b>
	WELL LOCATION (FROM GPS)		DEGREES <b>32</b>	MINUTES <b>15</b>	SECONDS <b>46.1</b>	N	
		LONGITUDE <b>-103</b>	<b>42</b>	<b>58.4</b>	W		* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE							

2. DRILLING & CASING INFORMATION	LICENSE NO. <b>1833</b>		NAME OF LICENSED DRILLER <b>Jason Malen</b>		NAME OF WELL DRILLING COMPANY <b>Vision Resources</b>		
	DRILLING STARTED <b>Mar 9, 2023</b>		DRILLING ENDED <b>3/9/23</b>		DEPTH OF COMPLETED WELL (FT) <b>55</b>		BORE HOLE DEPTH (FT) <b>55</b>
					DEPTH WATER FIRST ENCOUNTERED (FT) <b>Dry</b>		
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN *add Centralizer info below <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)					STATIC WATER LEVEL IN COMPLETED WELL (FT) <b>Dry</b>	
	DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:					DATE STATIC MEASURED <b>Dry</b>	
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:					CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>	
DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
FROM	TO						
<b>0</b>	<b>45</b>	<b>6</b>	<b>2" pvc sch 40</b>	<b>Thread</b>	<b>2"</b>	<b>Sch 40</b>	<b>-</b>
<b>45</b>	<b>55</b>	<b>6</b>	<b>2" pvc sch 40</b>	<b>Tread</b>	<b>2"</b>	<b>Sch 40</b>	<b>.02</b>

3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE- RANGE BY INTERVAL <i>*(if using Centralizers for Artesian wells- indicate the spacing below)</i>	AMOUNT (cubic feet)	METHOD OF PLACEMENT
	FROM	TO				

FOR OSE INTERNAL USE

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

FILE NO. <b>C-4712-POD 1</b>	POD NO. <b>1</b>	TRN NO. <b>743189</b>
LOCATION <b>Mon 23.32.31.141</b>	WELL TAG ID NO. <b>---</b>	PAGE 1 OF 2



Released to Imaging: 2/2/2024 11:13:22 AM

Mike A. Hamman, P.E.  
State Engineer



Roswell Office  
1900 WEST SECOND STREET  
ROSWELL, NM 88201

**STATE OF NEW MEXICO  
OFFICE OF THE STATE ENGINEER**

Trn Nbr: 743189  
File Nbr: C 04712  
Well File Nbr: C 04712 POD1

Apr. 04, 2023

VERTEX RESOURCES  
P.O. BOX 936  
ROSWELL, NM 88202

Greetings:

The above numbered permit was issued in your name on 02/21/2023.

The Well Record was received in this office on 04/04/2023, stating that it had been completed on 03/09/2023, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 02/21/2024.

If you have any questions, please feel free to contact us.

Sincerely,

A handwritten signature in black ink, appearing to read "Maret Thompson".

Maret Thompson  
(575) 622-6521

drywell





Pima Environmental Services

**Appendix B**

Soil Survey & Geological Data

FEMA Flood Map

Wetlands Map

Map Unit Description: Maljamar and Palomas fine sands, 0 to 3 percent slopes---Lea County,  
New Mexico

---

## Lea County, New Mexico

### MF—Maljamar and Palomas fine sands, 0 to 3 percent slopes

#### Map Unit Setting

*National map unit symbol:* dmqb

*Elevation:* 3,000 to 3,900 feet

*Mean annual precipitation:* 10 to 15 inches

*Mean annual air temperature:* 60 to 62 degrees F

*Frost-free period:* 190 to 205 days

*Farmland classification:* Farmland of statewide importance

#### Map Unit Composition

*Maljamar and similar soils:* 46 percent

*Palomas and similar soils:* 44 percent

*Minor components:* 10 percent

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

#### Description of Maljamar

##### Setting

*Landform:* Plains

*Landform position (three-dimensional):* Rise

*Down-slope shape:* Linear

*Across-slope shape:* Linear

*Parent material:* Sandy eolian deposits derived from sedimentary rock

##### Typical profile

*A - 0 to 24 inches:* fine sand

*Bt - 24 to 50 inches:* sandy clay loam

*Bkm - 50 to 60 inches:* cemented material

##### Properties and qualities

*Slope:* 0 to 3 percent

*Depth to restrictive feature:* 40 to 60 inches to petrocalcic

*Drainage class:* Well drained

*Runoff class:* Very low

*Capacity of the most limiting layer to transmit water (Ksat):* Very low to moderately low (0.00 to 0.06 in/hr)

*Depth to water table:* More than 80 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Calcium carbonate, maximum content:* 5 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:* Low (about 5.6 inches)

##### Interpretive groups

*Land capability classification (irrigated):* 7e



Map Unit Description: Maljamar and Palomas fine sands, 0 to 3 percent slopes---Lea County,  
New Mexico

---

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

## Description of Palomas

### Setting

*Landform: Plains*  
*Landform position (three-dimensional): Rise*  
*Down-slope shape: Linear*  
*Across-slope shape: Linear*  
*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 3 percent*  
*Depth to restrictive feature: More than 80 inches*  
*Drainage class: Well drained*  
*Runoff class: Low*  
*Capacity of the most limiting layer to transmit water*  
*(Ksat): Moderately high to high (0.60 to 2.00 in/hr)*  
*Depth to water table: More than 80 inches*  
*Frequency of flooding: None*  
*Frequency of ponding: None*  
*Calcium carbonate, maximum content: 45 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

### Kermit

*Percent of map unit: 5 percent*  
*Ecological site: R070BC022NM - Sandhills*  
*Hydric soil rating: No*

### Wink

*Percent of map unit: 5 percent*  
*Ecological site: R070BD003NM - Loamy Sand*

Map Unit Description: Maljamar and Palomas fine sands, 0 to 3 percent slopes---Lea County,  
New Mexico

---

*Hydric soil rating:* No

## Data Source Information

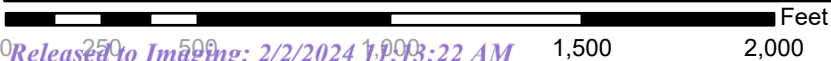
Soil Survey Area: Lea County, New Mexico  
Survey Area Data: Version 19, Sep 8, 2022



# National Flood Hazard Layer FIRMette



103°43'24"W 32°15'37"N



1:6,000

103°42'46"W 32°15'7"N

## Legend

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

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



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

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

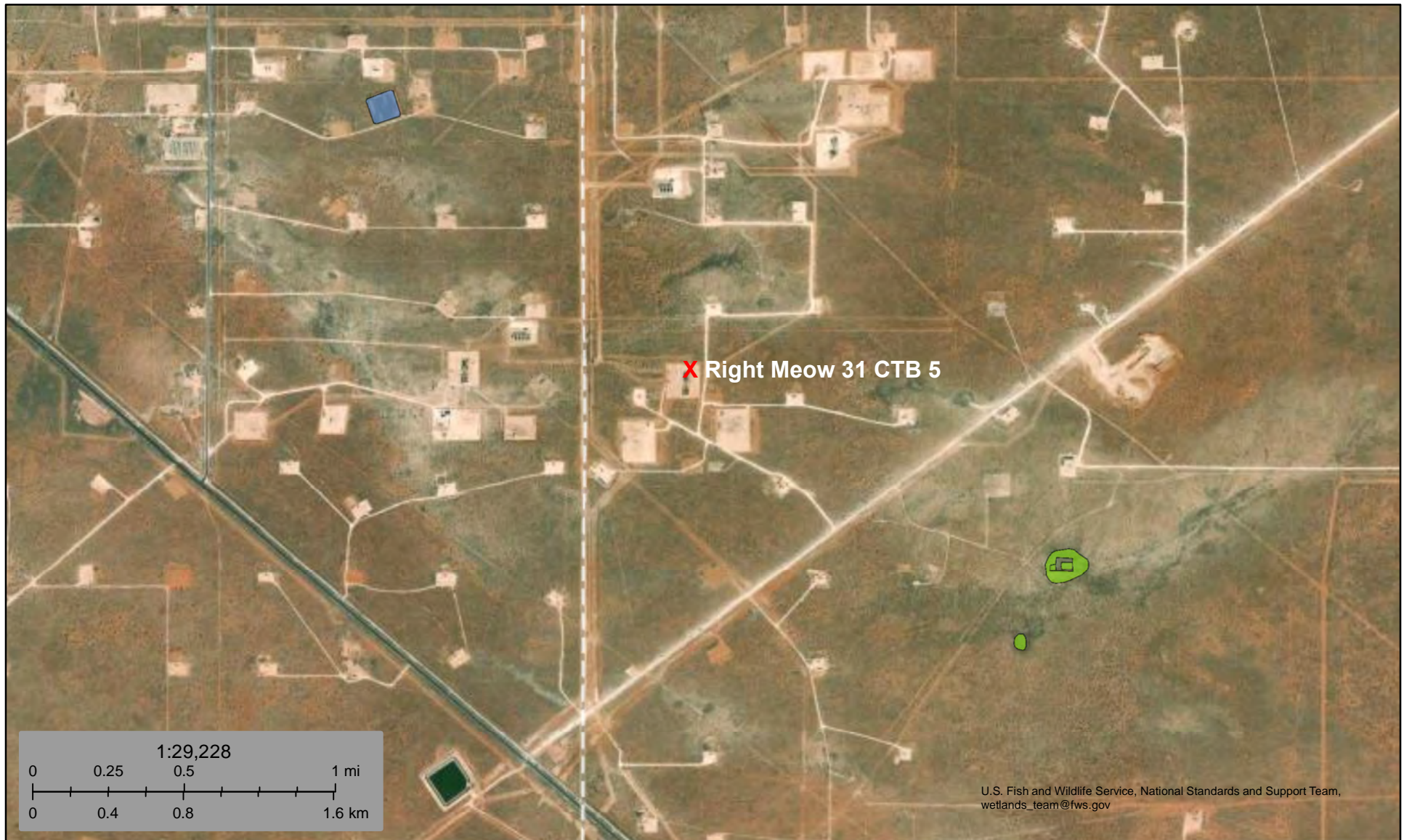
The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 8/2/2023 at 4:18 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new 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



August 2, 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

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	nAPP2321162164
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

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

Location of Release Source

Latitude 32.256124 Longitude -103.718063  
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Right Meow 31 CTB 5	Site Type Oil
Date Release Discovered 7/30/2023	API# (if applicable)

Unit Letter	Section	Township	Range	County
M	31	23S	32E	Eddy

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

Nature and Volume of Release

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

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 30 BBLS	Volume Recovered (bbls) 20 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 Water line developed leak.

Incident ID	nAPP2321162164
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?  <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? <b>Spill is over 25 bbls.</b>
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? <b>Notice given to OCD by Dale Woodall on 7/30/2023.</b>	

### Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:          	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: <b>Kendra Ruiz</b>	Title: <b>EHS Associate</b>
Signature: <b>Kendra Ruiz</b>	Date: <b>8/21/2023</b>
email: <b>Kendra.Ruiz@dvn.com</b>	Telephone: <b>575-748-0167</b>
<b><u>OCD Only</u></b>  Received by: _____ Date: _____	



Incident ID	NAPP2321162164
District RP	
Facility ID	
Application ID	

## Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>51-100'</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

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

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

State of New Mexico  
Oil Conservation Division

Page 4

Incident ID	NAPP2321162164
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: 10/12/2023

email: dale.woodall@dvn.com Telephone: 575-748-1838

**OCD Only**

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

Incident ID	NAPP2321162164
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: 10/12/2023  
email: dale.woodall@dvn.com Telephone: 575-748-1838

**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: Nelson Velez Date: 02/02/2024  
Printed Name: Nelson Velez Title: Environmental Specialist - Adv

Remediation has met 19.15.29 NMAC requirements. Soil impacts exceeding the reclamation standards have been left in place and are required to meet 19.15.29.13D (1) NMAC once the site is no longer reasonably needed for production or subsequent drilling operations. Operator did not meet 19.15.29.12D (1a) NMAC. Forbearance previously given to 3rd party on 10/24/2023 (App ID 244182). Release resolved.





Pima Environmental Services

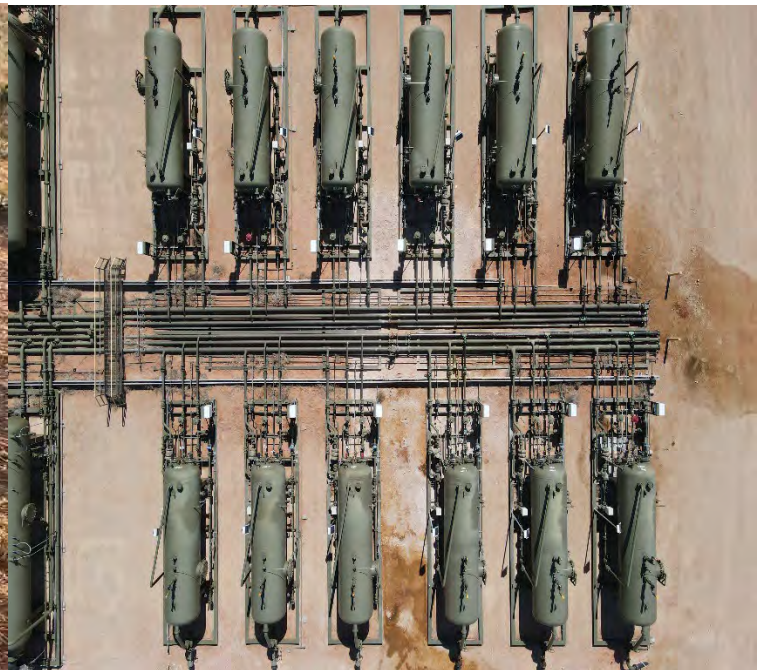
## **Appendix D**

Photographic Documentation



**SITE PHOTOGRAPHS  
DEVON ENERGY  
RIGHT MEOW 31 CTB 5**

**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: Right Meow 31 CTB 5

Work Order: E308020

Job Number: 01058-0007

Received: 8/3/2023

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
8/8/23

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: 8/8/23

Tom Bynum  
PO Box 247  
Plains, TX 79355-0247



Project Name: Right Meow 31 CTB 5  
Workorder: E308020  
Date Received: 8/3/2023 6:30:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/3/2023 6:30:00AM, under the Project Name: Right Meow 31 CTB 5.

The analytical test results summarized in this report with the Project Name: Right Meow 31 CTB 5 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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

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

Field Offices:

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

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

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



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## Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Right Meow 31 CTB 5	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	08/08/23 13:59

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1 - 1'	E308020-01A	Soil	08/01/23	08/03/23	Glass Jar, 2 oz.
S1 - 2'	E308020-02A	Soil	08/01/23	08/03/23	Glass Jar, 2 oz.
S1 - 3'	E308020-03A	Soil	08/01/23	08/03/23	Glass Jar, 2 oz.
S1 - 4'	E308020-04A	Soil	08/01/23	08/03/23	Glass Jar, 2 oz.
S2 - 1'	E308020-05A	Soil	08/01/23	08/03/23	Glass Jar, 2 oz.
S2 - 2'	E308020-06A	Soil	08/01/23	08/03/23	Glass Jar, 2 oz.
S2 - 3'	E308020-07A	Soil	08/01/23	08/03/23	Glass Jar, 2 oz.
S2 - 4'	E308020-08A	Soil	08/01/23	08/03/23	Glass Jar, 2 oz.
S3 - 1'	E308020-09A	Soil	08/01/23	08/03/23	Glass Jar, 2 oz.
S3 - 2'	E308020-10A	Soil	08/01/23	08/03/23	Glass Jar, 2 oz.
S3 - 3'	E308020-11A	Soil	08/01/23	08/03/23	Glass Jar, 2 oz.
S3 - 4'	E308020-12A	Soil	08/01/23	08/03/23	Glass Jar, 2 oz.
S4 - 1'	E308020-13A	Soil	08/01/23	08/03/23	Glass Jar, 2 oz.
S4 - 2'	E308020-14A	Soil	08/01/23	08/03/23	Glass Jar, 2 oz.
S4 - 3'	E308020-15A	Soil	08/01/23	08/03/23	Glass Jar, 2 oz.
S4 - 4'	E308020-16A	Soil	08/01/23	08/03/23	Glass Jar, 2 oz.
S5 - 1'	E308020-17A	Soil	08/01/23	08/03/23	Glass Jar, 2 oz.
S5 - 2'	E308020-18A	Soil	08/01/23	08/03/23	Glass Jar, 2 oz.
S5 - 3'	E308020-19A	Soil	08/01/23	08/03/23	Glass Jar, 2 oz.
S5 - 4'	E308020-20A	Soil	08/01/23	08/03/23	Glass Jar, 2 oz.
SW1	E308020-21A	Soil	08/01/23	08/03/23	Glass Jar, 2 oz.
SW2	E308020-22A	Soil	08/01/23	08/03/23	Glass Jar, 2 oz.
SW3	E308020-23A	Soil	08/01/23	08/03/23	Glass Jar, 2 oz.
SW4	E308020-24A	Soil	08/01/23	08/03/23	Glass Jar, 2 oz.
SW5	E308020-25A	Soil	08/01/23	08/03/23	Glass Jar, 2 oz.
SW6	E308020-26A	Soil	08/01/23	08/03/23	Glass Jar, 2 oz.
SW7	E308020-27A	Soil	08/01/23	08/03/23	Glass Jar, 2 oz.
BG1	E308020-28A	Soil	08/01/23	08/03/23	Glass Jar, 2 oz.





## Sample Data

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

Project Name: Right Meow 31 CTB 5  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
8/8/2023 1:59:31PM

S1 - 1'

E308020-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2331071
Benzene	ND	0.0250	1	08/02/23	08/04/23	
Ethylbenzene	ND	0.0250	1	08/02/23	08/04/23	
Toluene	ND	0.0250	1	08/02/23	08/04/23	
o-Xylene	ND	0.0250	1	08/02/23	08/04/23	
p,m-Xylene	ND	0.0500	1	08/02/23	08/04/23	
Total Xylenes	ND	0.0250	1	08/02/23	08/04/23	
Surrogate: Bromofluorobenzene	95.6 %	70-130		08/02/23	08/04/23	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		08/02/23	08/04/23	
Surrogate: Toluene-d8	93.0 %	70-130		08/02/23	08/04/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2331071
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/02/23	08/04/23	
Surrogate: Bromofluorobenzene	95.6 %	70-130		08/02/23	08/04/23	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		08/02/23	08/04/23	
Surrogate: Toluene-d8	93.0 %	70-130		08/02/23	08/04/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2331075
Diesel Range Organics (C10-C28)	ND	25.0	1	08/03/23	08/03/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/03/23	08/03/23	
Surrogate: n-Nonane	112 %	50-200		08/03/23	08/03/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2331089
Chloride	2610	40.0	2	08/04/23	08/07/23	



## Sample Data

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

Project Name: Right Meow 31 CTB 5  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
8/8/2023 1:59:31PM

S1 - 2'

E308020-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2331071
Benzene	ND	0.0250	1	08/02/23	08/03/23	
Ethylbenzene	ND	0.0250	1	08/02/23	08/03/23	
Toluene	ND	0.0250	1	08/02/23	08/03/23	
o-Xylene	ND	0.0250	1	08/02/23	08/03/23	
p,m-Xylene	ND	0.0500	1	08/02/23	08/03/23	
Total Xylenes	ND	0.0250	1	08/02/23	08/03/23	
Surrogate: Bromofluorobenzene	94.9 %	70-130		08/02/23	08/03/23	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		08/02/23	08/03/23	
Surrogate: Toluene-d8	93.4 %	70-130		08/02/23	08/03/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2331071
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/02/23	08/03/23	
Surrogate: Bromofluorobenzene	94.9 %	70-130		08/02/23	08/03/23	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		08/02/23	08/03/23	
Surrogate: Toluene-d8	93.4 %	70-130		08/02/23	08/03/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2331075
Diesel Range Organics (C10-C28)	ND	25.0	1	08/03/23	08/03/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/03/23	08/03/23	
Surrogate: n-Nonane	112 %	50-200		08/03/23	08/03/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2331089
Chloride	47.5	20.0	1	08/04/23	08/07/23	



## Sample Data

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

Project Name: Right Meow 31 CTB 5  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
8/8/2023 1:59:31PM

S1 - 3'

E308020-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2331071
Benzene	ND	0.0250	1	08/02/23	08/04/23	
Ethylbenzene	ND	0.0250	1	08/02/23	08/04/23	
Toluene	ND	0.0250	1	08/02/23	08/04/23	
o-Xylene	ND	0.0250	1	08/02/23	08/04/23	
p,m-Xylene	ND	0.0500	1	08/02/23	08/04/23	
Total Xylenes	ND	0.0250	1	08/02/23	08/04/23	
Surrogate: Bromofluorobenzene	94.1 %	70-130		08/02/23	08/04/23	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		08/02/23	08/04/23	
Surrogate: Toluene-d8	93.4 %	70-130		08/02/23	08/04/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2331071
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/02/23	08/04/23	
Surrogate: Bromofluorobenzene	94.1 %	70-130		08/02/23	08/04/23	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		08/02/23	08/04/23	
Surrogate: Toluene-d8	93.4 %	70-130		08/02/23	08/04/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2331075
Diesel Range Organics (C10-C28)	ND	25.0	1	08/03/23	08/03/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/03/23	08/03/23	
Surrogate: n-Nonane	106 %	50-200		08/03/23	08/03/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2331089
Chloride	ND	20.0	1	08/04/23	08/07/23	





## Sample Data

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

Project Name: Right Meow 31 CTB 5  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
8/8/2023 1:59:31PM

S1 - 4'

E308020-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2331071
Benzene	ND	0.0250	1	08/02/23	08/04/23	
Ethylbenzene	ND	0.0250	1	08/02/23	08/04/23	
Toluene	ND	0.0250	1	08/02/23	08/04/23	
o-Xylene	ND	0.0250	1	08/02/23	08/04/23	
p,m-Xylene	ND	0.0500	1	08/02/23	08/04/23	
Total Xylenes	ND	0.0250	1	08/02/23	08/04/23	
Surrogate: Bromofluorobenzene	95.3 %	70-130		08/02/23	08/04/23	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		08/02/23	08/04/23	
Surrogate: Toluene-d8	93.0 %	70-130		08/02/23	08/04/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2331071
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/02/23	08/04/23	
Surrogate: Bromofluorobenzene	95.3 %	70-130		08/02/23	08/04/23	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		08/02/23	08/04/23	
Surrogate: Toluene-d8	93.0 %	70-130		08/02/23	08/04/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2331075
Diesel Range Organics (C10-C28)	ND	25.0	1	08/03/23	08/03/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/03/23	08/03/23	
Surrogate: n-Nonane	114 %	50-200		08/03/23	08/03/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2331089
Chloride	ND	20.0	1	08/04/23	08/07/23	



## Sample Data

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

Project Name: Right Meow 31 CTB 5  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
8/8/2023 1:59:31PM

S2 - 1'

E308020-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2331071
Benzene	ND	0.0250	1	08/02/23	08/04/23	
Ethylbenzene	ND	0.0250	1	08/02/23	08/04/23	
Toluene	ND	0.0250	1	08/02/23	08/04/23	
o-Xylene	ND	0.0250	1	08/02/23	08/04/23	
p,m-Xylene	ND	0.0500	1	08/02/23	08/04/23	
Total Xylenes	ND	0.0250	1	08/02/23	08/04/23	
Surrogate: Bromofluorobenzene	95.1 %	70-130		08/02/23	08/04/23	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		08/02/23	08/04/23	
Surrogate: Toluene-d8	92.7 %	70-130		08/02/23	08/04/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2331071
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/02/23	08/04/23	
Surrogate: Bromofluorobenzene	95.1 %	70-130		08/02/23	08/04/23	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		08/02/23	08/04/23	
Surrogate: Toluene-d8	92.7 %	70-130		08/02/23	08/04/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2331075
Diesel Range Organics (C10-C28)	ND	25.0	1	08/03/23	08/03/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/03/23	08/03/23	
Surrogate: n-Nonane	110 %	50-200		08/03/23	08/03/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2331089
Chloride	3620	40.0	2	08/04/23	08/07/23	



## Sample Data

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

Project Name: Right Meow 31 CTB 5  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
8/8/2023 1:59:31PM

S2 - 2'

E308020-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2331071
Benzene	ND	0.0250	1	08/02/23	08/04/23	
Ethylbenzene	ND	0.0250	1	08/02/23	08/04/23	
Toluene	ND	0.0250	1	08/02/23	08/04/23	
o-Xylene	ND	0.0250	1	08/02/23	08/04/23	
p,m-Xylene	ND	0.0500	1	08/02/23	08/04/23	
Total Xylenes	ND	0.0250	1	08/02/23	08/04/23	
Surrogate: Bromofluorobenzene	93.1 %	70-130		08/02/23	08/04/23	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		08/02/23	08/04/23	
Surrogate: Toluene-d8	93.3 %	70-130		08/02/23	08/04/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2331071
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/02/23	08/04/23	
Surrogate: Bromofluorobenzene	93.1 %	70-130		08/02/23	08/04/23	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		08/02/23	08/04/23	
Surrogate: Toluene-d8	93.3 %	70-130		08/02/23	08/04/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2331075
Diesel Range Organics (C10-C28)	ND	25.0	1	08/03/23	08/03/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/03/23	08/03/23	
Surrogate: n-Nonane	118 %	50-200		08/03/23	08/03/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2331089
Chloride	175	20.0	1	08/04/23	08/07/23	





## Sample Data

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

Project Name: Right Meow 31 CTB 5  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
8/8/2023 1:59:31PM

S2 - 3'

E308020-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2331071
Benzene	ND	0.0250	1	08/02/23	08/04/23	
Ethylbenzene	ND	0.0250	1	08/02/23	08/04/23	
Toluene	ND	0.0250	1	08/02/23	08/04/23	
o-Xylene	ND	0.0250	1	08/02/23	08/04/23	
p,m-Xylene	ND	0.0500	1	08/02/23	08/04/23	
Total Xylenes	ND	0.0250	1	08/02/23	08/04/23	
Surrogate: Bromofluorobenzene	94.6 %	70-130		08/02/23	08/04/23	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		08/02/23	08/04/23	
Surrogate: Toluene-d8	92.5 %	70-130		08/02/23	08/04/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2331071
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/02/23	08/04/23	
Surrogate: Bromofluorobenzene	94.6 %	70-130		08/02/23	08/04/23	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		08/02/23	08/04/23	
Surrogate: Toluene-d8	92.5 %	70-130		08/02/23	08/04/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2331075
Diesel Range Organics (C10-C28)	ND	25.0	1	08/03/23	08/04/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/03/23	08/04/23	
Surrogate: n-Nonane	121 %	50-200		08/03/23	08/04/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2331089
Chloride	29.7	20.0	1	08/04/23	08/07/23	



## Sample Data

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

Project Name: Right Meow 31 CTB 5  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
8/8/2023 1:59:31PM

S2 - 4'

E308020-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2331071
Benzene	ND	0.0250	1	08/02/23	08/04/23	
Ethylbenzene	ND	0.0250	1	08/02/23	08/04/23	
Toluene	ND	0.0250	1	08/02/23	08/04/23	
o-Xylene	ND	0.0250	1	08/02/23	08/04/23	
p,m-Xylene	ND	0.0500	1	08/02/23	08/04/23	
Total Xylenes	ND	0.0250	1	08/02/23	08/04/23	
Surrogate: Bromofluorobenzene	95.2 %	70-130		08/02/23	08/04/23	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		08/02/23	08/04/23	
Surrogate: Toluene-d8	92.3 %	70-130		08/02/23	08/04/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2331071
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/02/23	08/04/23	
Surrogate: Bromofluorobenzene	95.2 %	70-130		08/02/23	08/04/23	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		08/02/23	08/04/23	
Surrogate: Toluene-d8	92.3 %	70-130		08/02/23	08/04/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2331075
Diesel Range Organics (C10-C28)	ND	25.0	1	08/03/23	08/04/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/03/23	08/04/23	
Surrogate: n-Nonane	118 %	50-200		08/03/23	08/04/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2331089
Chloride	ND	20.0	1	08/04/23	08/07/23	



## Sample Data

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

Project Name: Right Meow 31 CTB 5  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
8/8/2023 1:59:31PM

S3 - 1'

E308020-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2331071
Benzene	ND	0.0250	1	08/02/23	08/04/23	
Ethylbenzene	ND	0.0250	1	08/02/23	08/04/23	
Toluene	ND	0.0250	1	08/02/23	08/04/23	
o-Xylene	ND	0.0250	1	08/02/23	08/04/23	
p,m-Xylene	ND	0.0500	1	08/02/23	08/04/23	
Total Xylenes	ND	0.0250	1	08/02/23	08/04/23	
Surrogate: Bromofluorobenzene	94.1 %	70-130		08/02/23	08/04/23	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		08/02/23	08/04/23	
Surrogate: Toluene-d8	92.5 %	70-130		08/02/23	08/04/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2331071
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/02/23	08/04/23	
Surrogate: Bromofluorobenzene	94.1 %	70-130		08/02/23	08/04/23	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		08/02/23	08/04/23	
Surrogate: Toluene-d8	92.5 %	70-130		08/02/23	08/04/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2331075
Diesel Range Organics (C10-C28)	ND	25.0	1	08/03/23	08/04/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/03/23	08/04/23	
Surrogate: n-Nonane	102 %	50-200		08/03/23	08/04/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2331089
Chloride	3410	40.0	2	08/04/23	08/07/23	





## Sample Data

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

Project Name: Right Meow 31 CTB 5  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
8/8/2023 1:59:31PM

S3 - 2'

E308020-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2331071
Benzene	ND	0.0250	1	08/02/23	08/04/23	
Ethylbenzene	ND	0.0250	1	08/02/23	08/04/23	
Toluene	ND	0.0250	1	08/02/23	08/04/23	
o-Xylene	ND	0.0250	1	08/02/23	08/04/23	
p,m-Xylene	ND	0.0500	1	08/02/23	08/04/23	
Total Xylenes	ND	0.0250	1	08/02/23	08/04/23	
Surrogate: Bromofluorobenzene	96.0 %	70-130		08/02/23	08/04/23	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		08/02/23	08/04/23	
Surrogate: Toluene-d8	92.6 %	70-130		08/02/23	08/04/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2331071
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/02/23	08/04/23	
Surrogate: Bromofluorobenzene	96.0 %	70-130		08/02/23	08/04/23	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		08/02/23	08/04/23	
Surrogate: Toluene-d8	92.6 %	70-130		08/02/23	08/04/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2331075
Diesel Range Organics (C10-C28)	ND	25.0	1	08/03/23	08/04/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/03/23	08/04/23	
Surrogate: n-Nonane	105 %	50-200		08/03/23	08/04/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2331089
Chloride	2340	20.0	1	08/04/23	08/07/23	



## Sample Data

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

Project Name: Right Meow 31 CTB 5  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
8/8/2023 1:59:31PM

S3 - 3'

E308020-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2331071
Benzene	ND	0.0250	1	08/02/23	08/04/23	
Ethylbenzene	ND	0.0250	1	08/02/23	08/04/23	
Toluene	ND	0.0250	1	08/02/23	08/04/23	
o-Xylene	ND	0.0250	1	08/02/23	08/04/23	
p,m-Xylene	ND	0.0500	1	08/02/23	08/04/23	
Total Xylenes	ND	0.0250	1	08/02/23	08/04/23	
Surrogate: Bromofluorobenzene	94.6 %	70-130		08/02/23	08/04/23	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		08/02/23	08/04/23	
Surrogate: Toluene-d8	93.2 %	70-130		08/02/23	08/04/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2331071
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/02/23	08/04/23	
Surrogate: Bromofluorobenzene	94.6 %	70-130		08/02/23	08/04/23	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		08/02/23	08/04/23	
Surrogate: Toluene-d8	93.2 %	70-130		08/02/23	08/04/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2331075
Diesel Range Organics (C10-C28)	ND	25.0	1	08/03/23	08/04/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/03/23	08/04/23	
Surrogate: n-Nonane	102 %	50-200		08/03/23	08/04/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2331089
Chloride	78.6	20.0	1	08/04/23	08/07/23	



## Sample Data

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

Project Name: Right Meow 31 CTB 5  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
8/8/2023 1:59:31PM

S3 - 4'

E308020-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2331071
Benzene	ND	0.0250	1	08/02/23	08/04/23	
Ethylbenzene	ND	0.0250	1	08/02/23	08/04/23	
Toluene	ND	0.0250	1	08/02/23	08/04/23	
o-Xylene	ND	0.0250	1	08/02/23	08/04/23	
p,m-Xylene	ND	0.0500	1	08/02/23	08/04/23	
Total Xylenes	ND	0.0250	1	08/02/23	08/04/23	
Surrogate: Bromofluorobenzene	94.4 %	70-130		08/02/23	08/04/23	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		08/02/23	08/04/23	
Surrogate: Toluene-d8	92.1 %	70-130		08/02/23	08/04/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2331071
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/02/23	08/04/23	
Surrogate: Bromofluorobenzene	94.4 %	70-130		08/02/23	08/04/23	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		08/02/23	08/04/23	
Surrogate: Toluene-d8	92.1 %	70-130		08/02/23	08/04/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2331075
Diesel Range Organics (C10-C28)	ND	25.0	1	08/03/23	08/04/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/03/23	08/04/23	
Surrogate: n-Nonane	109 %	50-200		08/03/23	08/04/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2331089
Chloride	ND	20.0	1	08/04/23	08/07/23	





## Sample Data

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

Project Name: Right Meow 31 CTB 5  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
8/8/2023 1:59:31PM

S4 - 1'

E308020-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2331071
Benzene	ND	0.0250	1	08/02/23	08/04/23	
Ethylbenzene	ND	0.0250	1	08/02/23	08/04/23	
Toluene	ND	0.0250	1	08/02/23	08/04/23	
o-Xylene	ND	0.0250	1	08/02/23	08/04/23	
p,m-Xylene	ND	0.0500	1	08/02/23	08/04/23	
Total Xylenes	ND	0.0250	1	08/02/23	08/04/23	
Surrogate: Bromofluorobenzene	94.7 %	70-130		08/02/23	08/04/23	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		08/02/23	08/04/23	
Surrogate: Toluene-d8	93.0 %	70-130		08/02/23	08/04/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2331071
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/02/23	08/04/23	
Surrogate: Bromofluorobenzene	94.7 %	70-130		08/02/23	08/04/23	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		08/02/23	08/04/23	
Surrogate: Toluene-d8	93.0 %	70-130		08/02/23	08/04/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2331075
Diesel Range Organics (C10-C28)	ND	25.0	1	08/03/23	08/04/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/03/23	08/04/23	
Surrogate: n-Nonane	102 %	50-200		08/03/23	08/04/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2331089
Chloride	3460	40.0	2	08/04/23	08/07/23	



## Sample Data

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

Project Name: Right Meow 31 CTB 5  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
8/8/2023 1:59:31PM

S4 - 2'

E308020-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2331071
Benzene	ND	0.0250	1	08/02/23	08/04/23	
Ethylbenzene	ND	0.0250	1	08/02/23	08/04/23	
Toluene	ND	0.0250	1	08/02/23	08/04/23	
o-Xylene	ND	0.0250	1	08/02/23	08/04/23	
p,m-Xylene	ND	0.0500	1	08/02/23	08/04/23	
Total Xylenes	ND	0.0250	1	08/02/23	08/04/23	
Surrogate: Bromofluorobenzene	94.1 %	70-130		08/02/23	08/04/23	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		08/02/23	08/04/23	
Surrogate: Toluene-d8	91.3 %	70-130		08/02/23	08/04/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2331071
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/02/23	08/04/23	
Surrogate: Bromofluorobenzene	94.1 %	70-130		08/02/23	08/04/23	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		08/02/23	08/04/23	
Surrogate: Toluene-d8	91.3 %	70-130		08/02/23	08/04/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2331075
Diesel Range Organics (C10-C28)	ND	25.0	1	08/03/23	08/04/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/03/23	08/04/23	
Surrogate: n-Nonane	110 %	50-200		08/03/23	08/04/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2331089
Chloride	774	20.0	1	08/04/23	08/07/23	



## Sample Data

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

Project Name: Right Meow 31 CTB 5  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
8/8/2023 1:59:31PM

S4 - 3'

E308020-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2331071
Benzene	ND	0.0250	1	08/02/23	08/04/23	
Ethylbenzene	ND	0.0250	1	08/02/23	08/04/23	
Toluene	ND	0.0250	1	08/02/23	08/04/23	
o-Xylene	ND	0.0250	1	08/02/23	08/04/23	
p,m-Xylene	ND	0.0500	1	08/02/23	08/04/23	
Total Xylenes	ND	0.0250	1	08/02/23	08/04/23	
Surrogate: Bromofluorobenzene	94.7 %	70-130		08/02/23	08/04/23	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		08/02/23	08/04/23	
Surrogate: Toluene-d8	92.5 %	70-130		08/02/23	08/04/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2331071
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/02/23	08/04/23	
Surrogate: Bromofluorobenzene	94.7 %	70-130		08/02/23	08/04/23	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		08/02/23	08/04/23	
Surrogate: Toluene-d8	92.5 %	70-130		08/02/23	08/04/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2331075
Diesel Range Organics (C10-C28)	ND	25.0	1	08/03/23	08/04/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/03/23	08/04/23	
Surrogate: n-Nonane	103 %	50-200		08/03/23	08/04/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2331089
Chloride	248	20.0	1	08/04/23	08/07/23	



## Sample Data

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

Project Name: Right Meow 31 CTB 5  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
8/8/2023 1:59:31PM

S4 - 4'

E308020-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2331071
Benzene	ND	0.0250	1	08/02/23	08/04/23	
Ethylbenzene	ND	0.0250	1	08/02/23	08/04/23	
Toluene	ND	0.0250	1	08/02/23	08/04/23	
o-Xylene	ND	0.0250	1	08/02/23	08/04/23	
p,m-Xylene	ND	0.0500	1	08/02/23	08/04/23	
Total Xylenes	ND	0.0250	1	08/02/23	08/04/23	
Surrogate: Bromofluorobenzene	93.9 %	70-130		08/02/23	08/04/23	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		08/02/23	08/04/23	
Surrogate: Toluene-d8	91.8 %	70-130		08/02/23	08/04/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2331071
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/02/23	08/04/23	
Surrogate: Bromofluorobenzene	93.9 %	70-130		08/02/23	08/04/23	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		08/02/23	08/04/23	
Surrogate: Toluene-d8	91.8 %	70-130		08/02/23	08/04/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2331075
Diesel Range Organics (C10-C28)	ND	25.0	1	08/03/23	08/04/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/03/23	08/04/23	
Surrogate: n-Nonane	112 %	50-200		08/03/23	08/04/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2331089
Chloride	ND	20.0	1	08/04/23	08/07/23	





## Sample Data

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

Project Name: Right Meow 31 CTB 5  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
8/8/2023 1:59:31PM

S5 - 1'

E308020-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2331071
Benzene	ND	0.0250	1	08/02/23	08/04/23	
Ethylbenzene	ND	0.0250	1	08/02/23	08/04/23	
Toluene	ND	0.0250	1	08/02/23	08/04/23	
o-Xylene	ND	0.0250	1	08/02/23	08/04/23	
p,m-Xylene	ND	0.0500	1	08/02/23	08/04/23	
Total Xylenes	ND	0.0250	1	08/02/23	08/04/23	
Surrogate: Bromofluorobenzene	93.8 %	70-130		08/02/23	08/04/23	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		08/02/23	08/04/23	
Surrogate: Toluene-d8	91.6 %	70-130		08/02/23	08/04/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2331071
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/02/23	08/04/23	
Surrogate: Bromofluorobenzene	93.8 %	70-130		08/02/23	08/04/23	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		08/02/23	08/04/23	
Surrogate: Toluene-d8	91.6 %	70-130		08/02/23	08/04/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2331075
Diesel Range Organics (C10-C28)	ND	25.0	1	08/03/23	08/04/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/03/23	08/04/23	
Surrogate: n-Nonane	103 %	50-200		08/03/23	08/04/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2331089
Chloride	3540	40.0	2	08/04/23	08/07/23	



## Sample Data

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

Project Name: Right Meow 31 CTB 5  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
8/8/2023 1:59:31PM

S5 - 2'

E308020-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2331071
Benzene	ND	0.0250	1	08/02/23	08/04/23	
Ethylbenzene	ND	0.0250	1	08/02/23	08/04/23	
Toluene	ND	0.0250	1	08/02/23	08/04/23	
o-Xylene	ND	0.0250	1	08/02/23	08/04/23	
p,m-Xylene	ND	0.0500	1	08/02/23	08/04/23	
Total Xylenes	ND	0.0250	1	08/02/23	08/04/23	
Surrogate: Bromofluorobenzene	96.0 %	70-130		08/02/23	08/04/23	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		08/02/23	08/04/23	
Surrogate: Toluene-d8	92.3 %	70-130		08/02/23	08/04/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2331071
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/02/23	08/04/23	
Surrogate: Bromofluorobenzene	96.0 %	70-130		08/02/23	08/04/23	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		08/02/23	08/04/23	
Surrogate: Toluene-d8	92.3 %	70-130		08/02/23	08/04/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2331075
Diesel Range Organics (C10-C28)	ND	25.0	1	08/03/23	08/04/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/03/23	08/04/23	
Surrogate: n-Nonane	102 %	50-200		08/03/23	08/04/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2331089
Chloride	79.2	20.0	1	08/04/23	08/07/23	



## Sample Data

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

Project Name: Right Meow 31 CTB 5  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
8/8/2023 1:59:31PM

S5 - 3'

E308020-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2331071
Benzene	ND	0.0250	1	08/02/23	08/04/23	
Ethylbenzene	ND	0.0250	1	08/02/23	08/04/23	
Toluene	ND	0.0250	1	08/02/23	08/04/23	
o-Xylene	ND	0.0250	1	08/02/23	08/04/23	
p,m-Xylene	ND	0.0500	1	08/02/23	08/04/23	
Total Xylenes	ND	0.0250	1	08/02/23	08/04/23	
Surrogate: Bromofluorobenzene	95.1 %	70-130		08/02/23	08/04/23	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		08/02/23	08/04/23	
Surrogate: Toluene-d8	91.3 %	70-130		08/02/23	08/04/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2331071
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/02/23	08/04/23	
Surrogate: Bromofluorobenzene	95.1 %	70-130		08/02/23	08/04/23	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		08/02/23	08/04/23	
Surrogate: Toluene-d8	91.3 %	70-130		08/02/23	08/04/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2331075
Diesel Range Organics (C10-C28)	ND	25.0	1	08/03/23	08/04/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/03/23	08/04/23	
Surrogate: n-Nonane	108 %	50-200		08/03/23	08/04/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2331089
Chloride	52.8	20.0	1	08/04/23	08/08/23	



## Sample Data

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

Project Name: Right Meow 31 CTB 5  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
8/8/2023 1:59:31PM

S5 - 4'

E308020-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2331071
Benzene	ND	0.0250	1	08/02/23	08/04/23	
Ethylbenzene	ND	0.0250	1	08/02/23	08/04/23	
Toluene	ND	0.0250	1	08/02/23	08/04/23	
o-Xylene	ND	0.0250	1	08/02/23	08/04/23	
p,m-Xylene	ND	0.0500	1	08/02/23	08/04/23	
Total Xylenes	ND	0.0250	1	08/02/23	08/04/23	
Surrogate: Bromofluorobenzene	95.8 %	70-130		08/02/23	08/04/23	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		08/02/23	08/04/23	
Surrogate: Toluene-d8	91.4 %	70-130		08/02/23	08/04/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2331071
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/02/23	08/04/23	
Surrogate: Bromofluorobenzene	95.8 %	70-130		08/02/23	08/04/23	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		08/02/23	08/04/23	
Surrogate: Toluene-d8	91.4 %	70-130		08/02/23	08/04/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2331075
Diesel Range Organics (C10-C28)	ND	25.0	1	08/03/23	08/04/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/03/23	08/04/23	
Surrogate: n-Nonane	108 %	50-200		08/03/23	08/04/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2331089
Chloride	ND	20.0	1	08/04/23	08/08/23	





## Sample Data

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

Project Name: Right Meow 31 CTB 5  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
8/8/2023 1:59:31PM

## SW1

## E308020-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2331070
Benzene	ND	0.0250	1	08/03/23	08/03/23	
Ethylbenzene	ND	0.0250	1	08/03/23	08/03/23	
Toluene	ND	0.0250	1	08/03/23	08/03/23	
o-Xylene	ND	0.0250	1	08/03/23	08/03/23	
p,m-Xylene	ND	0.0500	1	08/03/23	08/03/23	
Total Xylenes	ND	0.0250	1	08/03/23	08/03/23	
Surrogate: Bromofluorobenzene		100 %	70-130	08/03/23	08/03/23	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130	08/03/23	08/03/23	
Surrogate: Toluene-d8		102 %	70-130	08/03/23	08/03/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2331070
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/03/23	08/03/23	
Surrogate: Bromofluorobenzene		100 %	70-130	08/03/23	08/03/23	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130	08/03/23	08/03/23	
Surrogate: Toluene-d8		102 %	70-130	08/03/23	08/03/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2331066
Diesel Range Organics (C10-C28)	ND	25.0	1	08/02/23	08/04/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/02/23	08/04/23	
Surrogate: n-Nonane		104 %	50-200	08/02/23	08/04/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2331090
Chloride	ND	20.0	1	08/04/23	08/07/23	



## Sample Data

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

Project Name: Right Meow 31 CTB 5  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
8/8/2023 1:59:31PM

## SW2

## E308020-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2331070
Benzene	ND	0.0250	1	08/03/23	08/04/23	
Ethylbenzene	ND	0.0250	1	08/03/23	08/04/23	
Toluene	ND	0.0250	1	08/03/23	08/04/23	
o-Xylene	ND	0.0250	1	08/03/23	08/04/23	
p,m-Xylene	ND	0.0500	1	08/03/23	08/04/23	
Total Xylenes	ND	0.0250	1	08/03/23	08/04/23	
Surrogate: Bromofluorobenzene		102 %	70-130	08/03/23	08/04/23	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130	08/03/23	08/04/23	
Surrogate: Toluene-d8		103 %	70-130	08/03/23	08/04/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2331070
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/03/23	08/04/23	
Surrogate: Bromofluorobenzene		102 %	70-130	08/03/23	08/04/23	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130	08/03/23	08/04/23	
Surrogate: Toluene-d8		103 %	70-130	08/03/23	08/04/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2331066
Diesel Range Organics (C10-C28)	ND	25.0	1	08/02/23	08/04/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/02/23	08/04/23	
Surrogate: n-Nonane		101 %	50-200	08/02/23	08/04/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2331090
Chloride	ND	20.0	1	08/04/23	08/07/23	



## Sample Data

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

Project Name: Right Meow 31 CTB 5  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
8/8/2023 1:59:31PM

## SW3

## E308020-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2331070
Benzene	ND	0.0250	1	08/03/23	08/04/23	
Ethylbenzene	ND	0.0250	1	08/03/23	08/04/23	
Toluene	ND	0.0250	1	08/03/23	08/04/23	
o-Xylene	ND	0.0250	1	08/03/23	08/04/23	
p,m-Xylene	ND	0.0500	1	08/03/23	08/04/23	
Total Xylenes	ND	0.0250	1	08/03/23	08/04/23	
Surrogate: Bromofluorobenzene		100 %	70-130	08/03/23	08/04/23	
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130	08/03/23	08/04/23	
Surrogate: Toluene-d8		103 %	70-130	08/03/23	08/04/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2331070
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/03/23	08/04/23	
Surrogate: Bromofluorobenzene		100 %	70-130	08/03/23	08/04/23	
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130	08/03/23	08/04/23	
Surrogate: Toluene-d8		103 %	70-130	08/03/23	08/04/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2331066
Diesel Range Organics (C10-C28)	ND	25.0	1	08/02/23	08/04/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/02/23	08/04/23	
Surrogate: n-Nonane		101 %	50-200	08/02/23	08/04/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2331090
Chloride	ND	20.0	1	08/04/23	08/07/23	



## Sample Data

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

Project Name: Right Meow 31 CTB 5  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
8/8/2023 1:59:31PM

## SW4

## E308020-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2331070
Benzene	ND	0.0250	1	08/03/23	08/04/23	
Ethylbenzene	ND	0.0250	1	08/03/23	08/04/23	
Toluene	ND	0.0250	1	08/03/23	08/04/23	
o-Xylene	ND	0.0250	1	08/03/23	08/04/23	
p,m-Xylene	ND	0.0500	1	08/03/23	08/04/23	
Total Xylenes	ND	0.0250	1	08/03/23	08/04/23	
Surrogate: Bromofluorobenzene		102 %	70-130	08/03/23	08/04/23	
Surrogate: 1,2-Dichloroethane-d4		96.3 %	70-130	08/03/23	08/04/23	
Surrogate: Toluene-d8		100 %	70-130	08/03/23	08/04/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2331070
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/03/23	08/04/23	
Surrogate: Bromofluorobenzene		102 %	70-130	08/03/23	08/04/23	
Surrogate: 1,2-Dichloroethane-d4		96.3 %	70-130	08/03/23	08/04/23	
Surrogate: Toluene-d8		100 %	70-130	08/03/23	08/04/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2331066
Diesel Range Organics (C10-C28)	ND	25.0	1	08/02/23	08/04/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/02/23	08/04/23	
Surrogate: n-Nonane		102 %	50-200	08/02/23	08/04/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2331090
Chloride	ND	20.0	1	08/04/23	08/07/23	





## Sample Data

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

Project Name: Right Meow 31 CTB 5  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
8/8/2023 1:59:31PM

## SW5

## E308020-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2331070
Benzene	ND	0.0250	1	08/03/23	08/04/23	
Ethylbenzene	ND	0.0250	1	08/03/23	08/04/23	
Toluene	ND	0.0250	1	08/03/23	08/04/23	
o-Xylene	ND	0.0250	1	08/03/23	08/04/23	
p,m-Xylene	ND	0.0500	1	08/03/23	08/04/23	
Total Xylenes	ND	0.0250	1	08/03/23	08/04/23	
Surrogate: Bromofluorobenzene	98.6 %	70-130		08/03/23	08/04/23	
Surrogate: 1,2-Dichloroethane-d4	94.4 %	70-130		08/03/23	08/04/23	
Surrogate: Toluene-d8	101 %	70-130		08/03/23	08/04/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2331070
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/03/23	08/04/23	
Surrogate: Bromofluorobenzene	98.6 %	70-130		08/03/23	08/04/23	
Surrogate: 1,2-Dichloroethane-d4	94.4 %	70-130		08/03/23	08/04/23	
Surrogate: Toluene-d8	101 %	70-130		08/03/23	08/04/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2331066
Diesel Range Organics (C10-C28)	ND	25.0	1	08/02/23	08/04/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/02/23	08/04/23	
Surrogate: n-Nonane	107 %	50-200		08/02/23	08/04/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2331090
Chloride	ND	20.0	1	08/04/23	08/07/23	



## Sample Data

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

Project Name: Right Meow 31 CTB 5  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
8/8/2023 1:59:31PM

## SW6

## E308020-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2331070
Benzene	ND	0.0250	1	08/03/23	08/04/23	
Ethylbenzene	ND	0.0250	1	08/03/23	08/04/23	
Toluene	ND	0.0250	1	08/03/23	08/04/23	
o-Xylene	ND	0.0250	1	08/03/23	08/04/23	
p,m-Xylene	ND	0.0500	1	08/03/23	08/04/23	
Total Xylenes	ND	0.0250	1	08/03/23	08/04/23	
Surrogate: Bromofluorobenzene		100 %	70-130	08/03/23	08/04/23	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130	08/03/23	08/04/23	
Surrogate: Toluene-d8		102 %	70-130	08/03/23	08/04/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2331070
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/03/23	08/04/23	
Surrogate: Bromofluorobenzene		100 %	70-130	08/03/23	08/04/23	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130	08/03/23	08/04/23	
Surrogate: Toluene-d8		102 %	70-130	08/03/23	08/04/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2331066
Diesel Range Organics (C10-C28)	ND	25.0	1	08/02/23	08/04/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/02/23	08/04/23	
Surrogate: n-Nonane		102 %	50-200	08/02/23	08/04/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2331090
Chloride	ND	20.0	1	08/04/23	08/07/23	



## Sample Data

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

Project Name: Right Meow 31 CTB 5  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
8/8/2023 1:59:31PM

## SW7

## E308020-27

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2331070
Benzene	ND	0.0250	1	08/03/23	08/04/23	
Ethylbenzene	ND	0.0250	1	08/03/23	08/04/23	
Toluene	ND	0.0250	1	08/03/23	08/04/23	
o-Xylene	ND	0.0250	1	08/03/23	08/04/23	
p,m-Xylene	ND	0.0500	1	08/03/23	08/04/23	
Total Xylenes	ND	0.0250	1	08/03/23	08/04/23	
Surrogate: Bromofluorobenzene		102 %	70-130	08/03/23	08/04/23	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130	08/03/23	08/04/23	
Surrogate: Toluene-d8		103 %	70-130	08/03/23	08/04/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2331070
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/03/23	08/04/23	
Surrogate: Bromofluorobenzene		102 %	70-130	08/03/23	08/04/23	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130	08/03/23	08/04/23	
Surrogate: Toluene-d8		103 %	70-130	08/03/23	08/04/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2331066
Diesel Range Organics (C10-C28)	ND	25.0	1	08/02/23	08/04/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/02/23	08/04/23	
Surrogate: n-Nonane		101 %	50-200	08/02/23	08/04/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2331090
Chloride	ND	20.0	1	08/04/23	08/07/23	



## Sample Data

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

Project Name: Right Meow 31 CTB 5  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
8/8/2023 1:59:31PM

## BG1

## E308020-28

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2331070
Benzene	ND	0.0250	1	08/03/23	08/04/23	
Ethylbenzene	ND	0.0250	1	08/03/23	08/04/23	
Toluene	ND	0.0250	1	08/03/23	08/04/23	
o-Xylene	ND	0.0250	1	08/03/23	08/04/23	
p,m-Xylene	ND	0.0500	1	08/03/23	08/04/23	
Total Xylenes	ND	0.0250	1	08/03/23	08/04/23	
Surrogate: Bromofluorobenzene	99.7 %	70-130		08/03/23	08/04/23	
Surrogate: 1,2-Dichloroethane-d4	96.9 %	70-130		08/03/23	08/04/23	
Surrogate: Toluene-d8	102 %	70-130		08/03/23	08/04/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2331070
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/03/23	08/04/23	
Surrogate: Bromofluorobenzene	99.7 %	70-130		08/03/23	08/04/23	
Surrogate: 1,2-Dichloroethane-d4	96.9 %	70-130		08/03/23	08/04/23	
Surrogate: Toluene-d8	102 %	70-130		08/03/23	08/04/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2331066
Diesel Range Organics (C10-C28)	ND	25.0	1	08/02/23	08/04/23	
Oil Range Organics (C28-C36)	ND	50.0	1	08/02/23	08/04/23	
Surrogate: n-Nonane	105 %	50-200		08/02/23	08/04/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2331090
Chloride	ND	20.0	1	08/04/23	08/07/23	





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Right Meow 31 CTB 5	Reported:  8/8/2023 1:59:31PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2331070-BLK1) Prepared: 08/03/23 Analyzed: 08/03/23

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	0.501		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.483		0.500		96.6	70-130			
Surrogate: Toluene-d8	0.517		0.500		103	70-130			

LCS (2331070-BS1) Prepared: 08/03/23 Analyzed: 08/03/23

Benzene	2.64	0.0250	2.50		105	70-130			
Ethylbenzene	2.56	0.0250	2.50		102	70-130			
Toluene	2.63	0.0250	2.50		105	70-130			
o-Xylene	2.73	0.0250	2.50		109	70-130			
p,m-Xylene	5.43	0.0500	5.00		109	70-130			
Total Xylenes	8.15	0.0250	7.50		109	70-130			
Surrogate: Bromofluorobenzene	0.512		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.481		0.500		96.2	70-130			
Surrogate: Toluene-d8	0.512		0.500		102	70-130			

Matrix Spike (2331070-MS1) Source: E308019-23 Prepared: 08/03/23 Analyzed: 08/03/23

Benzene	2.58	0.0250	2.50	ND	103	48-131			
Ethylbenzene	2.55	0.0250	2.50	ND	102	45-135			
Toluene	2.61	0.0250	2.50	ND	105	48-130			
o-Xylene	2.75	0.0250	2.50	ND	110	43-135			
p,m-Xylene	5.39	0.0500	5.00	ND	108	43-135			
Total Xylenes	8.13	0.0250	7.50	ND	108	43-135			
Surrogate: Bromofluorobenzene	0.515		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.478		0.500		95.5	70-130			
Surrogate: Toluene-d8	0.515		0.500		103	70-130			

Matrix Spike Dup (2331070-MSD1) Source: E308019-23 Prepared: 08/03/23 Analyzed: 08/03/23

Benzene	2.59	0.0250	2.50	ND	103	48-131	0.193	23	
Ethylbenzene	2.57	0.0250	2.50	ND	103	45-135	0.703	27	
Toluene	2.61	0.0250	2.50	ND	104	48-130	0.0191	24	
o-Xylene	2.75	0.0250	2.50	ND	110	43-135	0.255	27	
p,m-Xylene	5.46	0.0500	5.00	ND	109	43-135	1.46	27	
Total Xylenes	8.22	0.0250	7.50	ND	110	43-135	1.05	27	
Surrogate: Bromofluorobenzene	0.518		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.478		0.500		95.6	70-130			
Surrogate: Toluene-d8	0.512		0.500		102	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Right Meow 31 CTB 5	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/8/2023 1:59:31PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

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

Blank (2331071-BLK1) Prepared: 08/02/23 Analyzed: 08/03/23

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	0.473		0.500		94.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.486		0.500		97.1	70-130			
Surrogate: Toluene-d8	0.469		0.500		93.8	70-130			

LCS (2331071-BS1) Prepared: 08/02/23 Analyzed: 08/03/23

Benzene	2.32	0.0250	2.50		92.8	70-130			
Ethylbenzene	2.17	0.0250	2.50		86.8	70-130			
Toluene	2.09	0.0250	2.50		83.4	70-130			
o-Xylene	2.14	0.0250	2.50		85.8	70-130			
p,m-Xylene	4.17	0.0500	5.00		83.3	70-130			
Total Xylenes	6.31	0.0250	7.50		84.1	70-130			
Surrogate: Bromofluorobenzene	0.474		0.500		94.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		99.9	70-130			
Surrogate: Toluene-d8	0.465		0.500		93.0	70-130			

Matrix Spike (2331071-MS1) Source: E308020-02 Prepared: 08/02/23 Analyzed: 08/03/23

Benzene	2.31	0.0250	2.50	ND	92.3	48-131			
Ethylbenzene	2.21	0.0250	2.50	ND	88.3	45-135			
Toluene	2.11	0.0250	2.50	ND	84.6	48-130			
o-Xylene	2.19	0.0250	2.50	ND	87.6	43-135			
p,m-Xylene	4.25	0.0500	5.00	ND	85.1	43-135			
Total Xylenes	6.44	0.0250	7.50	ND	85.9	43-135			
Surrogate: Bromofluorobenzene	0.480		0.500		96.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.490		0.500		98.0	70-130			
Surrogate: Toluene-d8	0.469		0.500		93.7	70-130			

Matrix Spike Dup (2331071-MSD1) Source: E308020-02 Prepared: 08/02/23 Analyzed: 08/03/23

Benzene	2.33	0.0250	2.50	ND	93.1	48-131	0.798	23	
Ethylbenzene	2.20	0.0250	2.50	ND	88.1	45-135	0.250	27	
Toluene	2.11	0.0250	2.50	ND	84.3	48-130	0.355	24	
o-Xylene	2.17	0.0250	2.50	ND	86.7	43-135	1.03	27	
p,m-Xylene	4.18	0.0500	5.00	ND	83.5	43-135	1.86	27	
Total Xylenes	6.34	0.0250	7.50	ND	84.6	43-135	1.58	27	
Surrogate: Bromofluorobenzene	0.474		0.500		94.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.520		0.500		104	70-130			
Surrogate: Toluene-d8	0.463		0.500		92.6	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Right Meow 31 CTB 5	Reported:  8/8/2023 1:59:31PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

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 (2331070-BLK1) Prepared: 08/03/23 Analyzed: 08/03/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.501		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.483		0.500		96.6	70-130			
Surrogate: Toluene-d8	0.517		0.500		103	70-130			

LCS (2331070-BS2) Prepared: 08/03/23 Analyzed: 08/03/23

Gasoline Range Organics (C6-C10)	61.6	20.0	50.0		123	70-130			
Surrogate: Bromofluorobenzene	0.518		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.472		0.500		94.3	70-130			
Surrogate: Toluene-d8	0.521		0.500		104	70-130			

Matrix Spike (2331070-MS2) Source: E308019-23 Prepared: 08/03/23 Analyzed: 08/03/23

Gasoline Range Organics (C6-C10)	61.5	20.0	50.0	ND	123	70-130			
Surrogate: Bromofluorobenzene	0.514		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.460		0.500		92.0	70-130			
Surrogate: Toluene-d8	0.519		0.500		104	70-130			

Matrix Spike Dup (2331070-MSD2) Source: E308019-23 Prepared: 08/03/23 Analyzed: 08/03/23

Gasoline Range Organics (C6-C10)	62.0	20.0	50.0	ND	124	70-130	0.829	20	
Surrogate: Bromofluorobenzene	0.519		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.472		0.500		94.3	70-130			
Surrogate: Toluene-d8	0.522		0.500		104	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Right Meow 31 CTB 5	Reported:  8/8/2023 1:59:31PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

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 (2331071-BLK1)

Prepared: 08/02/23 Analyzed: 08/03/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.473		0.500		94.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.486		0.500		97.1	70-130			
Surrogate: Toluene-d8	0.469		0.500		93.8	70-130			

LCS (2331071-BS2)

Prepared: 08/02/23 Analyzed: 08/03/23

Gasoline Range Organics (C6-C10)	47.5	20.0	50.0		94.9	70-130			
Surrogate: Bromofluorobenzene	0.472		0.500		94.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		100	70-130			
Surrogate: Toluene-d8	0.470		0.500		94.0	70-130			

Matrix Spike (2331071-MS2)

Source: E308020-02

Prepared: 08/02/23 Analyzed: 08/04/23

Gasoline Range Organics (C6-C10)	46.0	20.0	50.0	ND	92.1	70-130			
Surrogate: Bromofluorobenzene	0.473		0.500		94.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.515		0.500		103	70-130			
Surrogate: Toluene-d8	0.468		0.500		93.5	70-130			

Matrix Spike Dup (2331071-MSD2)

Source: E308020-02

Prepared: 08/02/23 Analyzed: 08/04/23

Gasoline Range Organics (C6-C10)	46.1	20.0	50.0	ND	92.1	70-130	0.0380	20	
Surrogate: Bromofluorobenzene	0.475		0.500		95.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.507		0.500		101	70-130			
Surrogate: Toluene-d8	0.468		0.500		93.5	70-130			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Right Meow 31 CTB 5	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/8/2023 1:59:31PM

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 (2331066-BLK1)					Prepared: 08/02/23 Analyzed: 08/03/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.7		50.0		101	50-200			

LCS (2331066-BS1)					Prepared: 08/02/23 Analyzed: 08/04/23				
Diesel Range Organics (C10-C28)	263	25.0	250		105	38-132			
Surrogate: n-Nonane	51.2		50.0		102	50-200			

Matrix Spike (2331066-MS1)					Source: E308017-25		Prepared: 08/02/23 Analyzed: 08/04/23		
Diesel Range Organics (C10-C28)	274	25.0	250	ND	110	38-132			
Surrogate: n-Nonane	49.1		50.0		98.2	50-200			

Matrix Spike Dup (2331066-MSD1)					Source: E308017-25		Prepared: 08/02/23 Analyzed: 08/04/23		
Diesel Range Organics (C10-C28)	269	25.0	250	ND	108	38-132	1.74	20	
Surrogate: n-Nonane	48.9		50.0		97.9	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Right Meow 31 CTB 5	Reported:  8/8/2023 1:59:31PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

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 (2331075-BLK1)					Prepared: 08/03/23 Analyzed: 08/03/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	59.0		50.0		118	50-200			

LCS (2331075-BS1)					Prepared: 08/03/23 Analyzed: 08/03/23				
Diesel Range Organics (C10-C28)	284	25.0	250		114	38-132			
Surrogate: n-Nonane	56.3		50.0		113	50-200			

Matrix Spike (2331075-MS1)					Source: E308020-05		Prepared: 08/03/23 Analyzed: 08/03/23		
Diesel Range Organics (C10-C28)	283	25.0	250	ND	113	38-132			
Surrogate: n-Nonane	48.7		50.0		97.4	50-200			

Matrix Spike Dup (2331075-MSD1)					Source: E308020-05		Prepared: 08/03/23 Analyzed: 08/03/23		
Diesel Range Organics (C10-C28)	290	25.0	250	ND	116	38-132	2.13	20	
Surrogate: n-Nonane	40.4		50.0		80.8	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Right Meow 31 CTB 5	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/8/2023 1:59:31PM

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 (2331089-BLK1)				Prepared: 08/04/23 Analyzed: 08/07/23					
Chloride	ND	20.0							
LCS (2331089-BS1)				Prepared: 08/04/23 Analyzed: 08/07/23					
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2331089-MS1)				Source: E308020-01		Prepared: 08/04/23 Analyzed: 08/07/23			
Chloride	2420	40.0	250	2610	NR	80-120			M4
Matrix Spike Dup (2331089-MSD1)				Source: E308020-01		Prepared: 08/04/23 Analyzed: 08/07/23			
Chloride	2590	40.0	250	2610	NR	80-120	6.73	20	M4



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Right Meow 31 CTB 5	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	8/8/2023 1:59:31PM

Anions by EPA 300.0/9056A

Analyst: BA

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

Blank (2331090-BLK1)					Prepared: 08/04/23 Analyzed: 08/07/23				
Chloride	ND	20.0							
LCS (2331090-BS1)					Prepared: 08/04/23 Analyzed: 08/07/23				
Chloride	259	20.0	250		104	90-110			
Matrix Spike (2331090-MS1)					Source: E308020-21		Prepared: 08/04/23 Analyzed: 08/07/23		
Chloride	262	20.0	250	ND	105	80-120			
Matrix Spike Dup (2331090-MSD1)					Source: E308020-21		Prepared: 08/04/23 Analyzed: 08/07/23		
Chloride	263	20.0	250	ND	105	80-120	0.287	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:	Right Meow 31 CTB 5	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	08/08/23 13:59

- M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

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

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





## Project Information

## Chain of Custody

Page 1 of 3

<b>Client: Pima Environmental Services</b> <b>Project: Right Meadow 31 CTB 5</b> <b>Project Manager: Tom Bynum</b> <b>Address: 5614 N. Lovington Hwy.</b> <b>City, State, Zip: Hobbs, NM, 88240</b> <b>Phone: 580-748-1613</b> <b>Email: tom@pimaoil.com</b> <b>Report due by:</b>					<b>Bill To</b> <b>Attention: Devon</b> <b>Address:</b> <b>City, State, Zip:</b> <b>Phone:</b> <b>Email:</b> <b>Pima Project # 218-2</b>					<b>Lab Use Only</b> <b>Lab WO# E308020</b> <b>Job Number 010580007</b>					<b>TAT</b> <b>1D 2D 3D Standard</b> <b>X</b>				<b>EPA Program</b> <b>CWA SDWA</b> <b>RCRA</b>	
					<b>Analysis and Method</b> <b>DRO/DRO by 8015</b> <b>GRO/DRO by 8015</b> <b>BTEX by 8021</b> <b>VOC by 8260</b> <b>Metals 6010</b> <b>Chloride 300.0</b> <b>BGDOC NM</b> <b>BGDOC TX</b>					<b>State</b> <b>NM CO UT AZ TX</b> <b>X</b>				<b>Remarks</b>						
<b>Time Sampled</b>	<b>Date Sampled</b>	<b>Matrix</b>	<b>No. of Containers</b>	<b>Sample ID</b>	<b>Lab Number</b>															
8:00	8/1	S	1	S1-1	1															
8:05				S1-2	2															
8:10				S1-3	3															
8:15				S1-4	4															
8:20				S2-1	5															
8:25				S2-2	6															
8:30				S2-3	7															
8:35				S2-4	8															
8:40				S3-1	9															
8:45				S3-2	10															

## Additional Instructions:

Billing # 21205557

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 5 °C on subsequent days.

## Sampled by:

Relinquished by: (Signature) Korina Adams	Date 8/2/23	Time 2:50	Received by: (Signature) Michelle Gough	Date 8-2-23	Time 1400	<b>Lab Use Only</b> <b>Received on ice: Y N</b> <b>T1 T2 T3</b> <b>AVG Temp °C 4</b>
Relinquished by: (Signature) Michelle Gough	Date 8-2-23	Time 1715	Received by: (Signature) Missa	Date 8-2-23	Time 1730	
Relinquished by: (Signature) Missa	Date 8-2-23	Time 2330	Received by: (Signature) Alicia	Date 8-3-23	Time 6:30	

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

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

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



## Project Information

## Chain of Custody

Page 7 of 3

Client: <u>Pima Environmental Services</u>					Bill To		Lab Use Only		TAT				EPA Program					
Project: <u>Light Meow 31 CTB5</u>					Attention: <u>Devon</u>		Lab WO# <u>E308020</u>		Job Number <u>00580007</u>				1D	2D	3D	Standard	CWA	SDWA
Project Manager: <u>Tom Bynum</u>					Address:		Analysis and Method						<input checked="" type="checkbox"/>				RCRA	
Address: <u>5614 N. Lovington Hwy.</u>					City, State, Zip												State	
City, State, Zip <u>Hobbs, NM, 88240</u>					Phone:												<input checked="" type="checkbox"/> NM <input type="checkbox"/> CO <input type="checkbox"/> UT <input type="checkbox"/> AZ <input type="checkbox"/> TX	
Phone: <u>580-748-1613</u>					Email:		DRO/ORO by 8015		GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks		
Email: <u>tom@pimaoil.com</u>					Pima Project # <u>218-2</u>													
Report due by:																		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number													
8:50	8/1	S	1	S3-3'	11													
8:55				S3-4'	12													
9:00				S4-1'	13													
9:05				S4-2'	14													
9:10				S4-3'	15													
9:15				S4-4'	16													
9:20				S5-1'	17													
9:25				S5-2'	18													
9:30				S5-3'	19													
9:35				S5-4'	20													
Additional Instructions: <u>Billing # 21205557</u>																		
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																		
Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6°C on subsequent days.																		
Relinquished by: (Signature) <u>Venime Adams</u> Date <u>8/2/23</u> Time <u>2:00</u> Received by: (Signature) <u>Michelle Gough</u> Date <u>8-2-23</u> Time <u>1400</u>																		
Relinquished by: (Signature) <u>Michelle Gough</u> Date <u>8-2-23</u> Time <u>1715</u> Received by: (Signature) <u>Andrew Messo</u> Date <u>8-2-23</u> Time <u>1730</u>																		
Relinquished by: (Signature) <u>Andrew Messo</u> Date <u>8-2-23</u> Time <u>2330</u> Received by: (Signature) <u>Andrew Messo</u> Date <u>8-3-23</u> Time <u>16:30</u>																		
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____																		
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																		
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																		



## Project Information

## Chain of Custody

Page 3 of 3

Client: <u>Pima Environmental Services</u>					Bill To		Lab Use Only		TAT				EPA Program					
Project: <u>Right near 31 CTB5</u>					Attention: <u>Devon</u>		Lab WO# <u>E308020</u>		Job Number <u>010580007</u>		1D	2D	3D	Standard	CWA	SDWA		
Project Manager: <u>Tom Bynum</u>					Address:													
Address: <u>5614 N. Lovington Hwy.</u>					City, State, Zip											RCRA		
City, State, Zip <u>Hobbs, NM, 88240</u>					Phone:													
Phone: <u>580-748-1613</u>					Email:													
Email: <u>tom@pimaoil.com</u>					Pima Project # <u>218-2</u>													
Report due by:																		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	State			Remarks	
9:40	8/1	S	1	SW1	21							X		NM	CO	UT	AZ	TX
9:45				SW2	22									X				
9:50				SW3	23													
9:55				SW4	24													
10:00				SW5	25													
10:05				SW6	26													
10:10				SW7	27													
10:15				BG1	28													

## Additional Instructions:

Billing# 21205557

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:

Relinquished by: (Signature) <u>Varine Adams</u>	Date <u>8/2/23</u>	Time <u>2:00</u>	Received by: (Signature) <u>Micelle Campbell</u>	Date <u>8-2-23</u>	Time <u>1400</u>
Relinquished by: (Signature) <u>Micelle Campbell</u>	Date <u>8-2-23</u>	Time <u>1715</u>	Received by: (Signature) <u>Abbi Cow</u>	Date <u>8-2-23</u>	Time <u>1730</u>
Relinquished by: (Signature) <u>Andrew Messo</u>	Date <u>8-2-23</u>	Time <u>2330</u>	Received by: (Signature) <u>Andrew Messo</u>	Date <u>8-3-23</u>	Time <u>6:30</u>

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

Lab Use Only		
Received on ice: <u>Y</u> N		
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.


**envirotech**

## Envirotech Analytical Laboratory

Printed: 8/3/2023 9:11:21AM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	08/03/23 06:30	Work Order ID:	E308020
Phone:	(575) 631-6977	Date Logged In:	08/02/23 15:46	Logged In By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:	08/09/23 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

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

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

CONDITIONS  
  
Action 275266

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 275266
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Remediation has met 19.15.29 NMAC requirements. Soil impacts exceeding the reclamation standards have been left in place and are required to meet 19.15.29.13D (1) NMAC once the site is no longer reasonably needed for production or subsequent drilling operations.	2/2/2024
nvelez	Operator did not meet 19.15.29.12D (1a) NMAC. Forbearance previously given to 3rd party on 10/24/2023 (App ID 244182). Release resolved.	2/2/2024