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# REMEDIATION CLOSURE REPORT

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Incident ID: NOY1736334624

**Blue Krait 23 14 Federal #2H**

API # 30-025-43236

Prepared By:  
Pima Environmental Services, LLC

Prepared For:  
Devon Energy Production, LP

October 28, 2024  
Pima Environmental Services, LLC  
5614 N Lovington Hwy, Hobbs, NM 88240

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

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

**Re: Remediation Closure Report**  
**Blue Krait 23 14 Federal #2H**  
**API No. 30-025-43236**  
**GPS: Latitude 32.196399 Longitude -103.5452432**  
**UL N, Sec. 23, T24S, R33E 200 FNL 1980 FEL**  
**Lea County, NM**  
**NMOCD Incident ID NOY1736334624**

Devon Energy Production Company (Devon) contracted Pima Environmental Services, LLC (Pima) to conduct an assessment and prepare this Closure Report regarding a reported illegal dumping incident on a lease road near the Blue Krait 23 14 Federal #2H (Blue Krait) site. The New Mexico Oil Conservation Division (NMOCD) has assigned this incident ID: NOY1736334624.

#### Site Characterization

The Blue Krait is located approximately twenty-one (21) miles Northwest of Bennett, NM. This spill site is in Unit N, Section 23, Township 24S, Range 33E, Latitude 32.196399 Longitude -103.5452432, Lea County, NM. Figure 1 references a Location Map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is in 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. Alluvial and eolian deposits, and petrocalcic soils of the southern High Plains. Locally includes Qoa. Includes deposits of higher gradient tributaries bordering major stream valleys, alluvial veneers of the piedmont slope, and alluvial fans. May locally include uppermost Pliocene deposits. The soil in this area is made up of Simona-Upton association, according to the United States Department of Agriculture Natural Resources Conservation Service soil survey (Appendix B). The drainage courses in this area are well-drained. There is a low potential for karst geology to be present around the Blue Krait (Figure 3). The nearest surface water feature is a Salt Playa located approximately 10.90 miles to the Northeast of this site. A Topographic Map can be found in Figure 4.

According to the New Mexico Office of the State Engineer water well (C-03600-POD10), the depth to the nearest groundwater in this vicinity measures 49 feet below grade surface (BGS), positioned 0.42 miles away from the Blue Krait , drilled, August 1, 2019. Conversely, as per the United States Geological Survey well water data (USGS 321403103300301 24S.34E.07.22222), the nearest groundwater depth in this region is recorded at 64 feet BGS, situated approximately 3.68 miles away from the Blue Krait , with the last gauge conducted in 2006.

Table 1 NMAC and Closure Criteria 19.15.29					
Depth to Groundwater (Appendix B)	Constituent & Limits				
	Chlorides	Total TPH	GRO+DRO	BTEX	Benzene
<50'	600 mg/kg	100 mg/kg		50 mg/kg	10 mg/kg
51-100' (C-03600-POD10)	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

## Release Information

**NOY1736334624:** On December 29, 2017, Devon was notified of an illegal event that occurred on a lease road near the Blue Krait 23-14 Federal 2H location. The illegal dumping of produced oil occurred in the borrow ditch along the access road. In looking at the release, the point of origin and terminus of the release cannot be established.

The following points of reference.

- 1) 32.196955, -103.544676
- 2) 32.195904, -103.543667
- 3) 32.195977, -103.526029
- 4) 32.202441, -103.530320
- 5) 32.210211, -103.534483.

## Site Assessment and Soil Sampling Results

On May 15, 2024, Pima mobilized personnel to each reference points to collect soil samples from the designated areas. Samples were collected from the targeted areas using a hand auger. The laboratory results from these sampling events are provided in the data tables below, and Site Maps are available in Figure 4.

5-15-2024 Soil Sample Results from reference point 1) 32.196955, -103.544676

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
DEVON ENERGY Blue Krait 23-14 Federal #2H -NOY1736334624								
Date: 5-15-24		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
S1	1'	ND	ND	ND	ND	ND	0	72.8
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	23.8
	4'	ND	ND	ND	ND	ND	0	30
S2	1'	ND	ND	ND	ND	ND	0	60.2
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	22.9
	4'	ND	ND	ND	ND	ND	0	31
S3	1'	ND	ND	ND	ND	ND	0	66
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	41
	4'	ND	ND	ND	ND	ND	0	34.8
S4	1'	ND	ND	ND	ND	ND	0	74.7
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	34.4
	4'	ND	ND	ND	ND	ND	0	31.5
SW1	0-4'	ND	ND	ND	ND	ND	0	40.9
SW2	0-4'	ND	ND	ND	ND	ND	0	41.4
SW3	0-4'	ND	ND	ND	ND	ND	0	21.2
SW4	0-4'	ND	ND	ND	ND	ND	0	44.9

ND/0- Analyte Not Detected

5-15-2024 Soil Sample Results from reference point 2) 32.195904, -103.543667

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
DEVON ENERGY Blue Krait 23-14 Federal #2H -NOY1736334624								
Date: 5-15-24		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
S5	1'	ND	ND	ND	ND	ND	0	78.1
	2'	ND	ND	ND	ND	ND	0	82.8
	3'	ND	ND	ND	ND	ND	0	38
	4'	ND	ND	ND	ND	ND	0	59.2
S6	1'	ND	ND	ND	ND	ND	0	69.6
	2'	ND	ND	ND	ND	ND	0	39.3
	3'	ND	ND	ND	ND	ND	0	45.6
	4'	ND	ND	ND	ND	ND	0	34.1
S7	1'	ND	ND	ND	ND	ND	0	60.2
	2'	ND	ND	ND	ND	ND	0	61.5
	3'	ND	ND	ND	ND	ND	0	89.7
	4'	ND	ND	ND	ND	ND	0	146
SW5	0-4'	ND	ND	ND	ND	ND	0	37.5
SW6	0-4'	ND	ND	ND	ND	ND	0	44.7
SW7	0-4'	ND	ND	ND	ND	ND	0	35.3
SW8	0-4'	ND	ND	ND	ND	ND	0	43.6

ND/0- Analyte Not Detected

5-15-2024 Soil Sample Results from reference point 3) 32.195977,-103.526029

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
DEVON ENERGY Blu Krait 23-14 Federal #2H-NOY1736334624								
Date: 5-15-24		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
S8	1'	ND	ND	ND	ND	ND	0	23.1
	2'	ND	ND	ND	ND	ND	0	24.4
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	145
S-9	1'	ND	ND	ND	ND	ND	0	39.1
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	33.8
	4'	ND	ND	ND	ND	ND	0	31.9
S-10	1'	ND	ND	ND	ND	ND	0	29.3
	2'	ND	ND	ND	ND	ND	0	41.7
	3'	ND	ND	ND	ND	ND	0	25.9
	4'	ND	ND	ND	ND	ND	0	28.5
SW9	0	ND	ND	ND	ND	ND	0	48.2
SW10	0	ND	ND	ND	ND	ND	0	42.6
SW11	0	ND	ND	ND	ND	ND	0	34
SW12	0	ND	ND	ND	ND	ND	0	27.3

ND/0- Analyte Not Detected

5-15-2024 Soil Sample Results from reference point 4) 32.202441,-103.530320

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
DEVON ENERGY Blue Krait 23-14 Federal #2H-NOY1736334624								
Date: 5-15-24		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
S11	1'	ND	ND	ND	ND	ND	0	46.5
	2'	ND	ND	ND	ND	ND	0	38.9
	3'	ND	ND	ND	ND	ND	0	36.8
	4'	ND	ND	ND	ND	ND	0	37.9
S12	1'	ND	ND	ND	ND	ND	0	47.8
	2'	ND	ND	ND	ND	ND	0	39.4
	3'	ND	ND	ND	ND	ND	0	41.9
	4'	ND	ND	ND	ND	ND	0	42.8
S13	1'	ND	ND	ND	ND	ND	0	44.9
	2'	ND	ND	ND	ND	ND	0	42
	3'	ND	ND	ND	ND	ND	0	44.5
	4'	ND	ND	ND	ND	ND	0	41.8
SW13	0	ND	ND	ND	ND	ND	0	36.5
SW14	0	ND	ND	ND	ND	ND	0	38.7
SW15	0	ND	ND	ND	ND	ND	0	38.3
SW16	0	ND	ND	ND	ND	ND	0	38.2

ND/0- Analyte Not Detected

5-15-2024 Soil Sample Results from reference point 5) 32.210211,-103.534483

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
DEVON ENERGY Blue Krait 23-14 Federal #2H-NOY1736334624								
Date: 5-15-24		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
S14	1'	ND	ND	ND	ND	ND	0	59.7
	2'	ND	ND	ND	ND	ND	0	67.2
	3'	ND	ND	ND	ND	ND	0	51.4
	4'	ND	ND	ND	ND	ND	0	42
S15	1'	ND	ND	ND	ND	ND	0	95.3
	2'	ND	ND	ND	ND	ND	0	88
	3'	ND	ND	ND	ND	ND	0	81
	4'	ND	ND	ND	ND	ND	0	61.4
S16	1'	ND	ND	ND	ND	ND	0	79.5
	2'	ND	ND	ND	ND	ND	0	74.6
	3'	ND	ND	ND	ND	ND	0	90
	4'	ND	ND	ND	ND	ND	0	79.1
SW17	3'	ND	ND	ND	ND	ND	0	45.8
SW18	4'	ND	ND	ND	ND	ND	0	43.2
SW19	3'	ND	ND	ND	ND	ND	0	39.7
SW20	4'	ND	ND	ND	ND	ND	0	47.9

ND/0- Analyte Not Detected



On November 11, 2024, after sending a 48-hour notification, application ID:400120 (Appendix C), Pima returned to the site to collect confirmation samples of the areas. The results of this sampling event can be found in the following table. A Confirmation Sample Map can be found in Figure 5.

11-11-24 Soil Sample Results from reference point 1) 32.196955,-103.544676

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
DEVON ENERGY Blue Krait 23-14 Federal 2H-NOY1736334624								
Date: 11-11-24		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
CS1	Surface -4'	ND	ND	ND	45	ND	45	11
CSW1	Surface -4' Comp	ND	ND	ND	ND	ND	ND	27
CSW2	Surface -4' Comp	ND	ND	ND	ND	ND	ND	34
CSW3	Surface -4' Comp	ND	ND	ND	ND	ND	ND	22
CSW4	Surface -4' Comp	ND	ND	ND	ND	ND	ND	41

ND/0-Analyte Not Detected

11-11-2024 Soil Sample Results from reference point 2) 32.195904,-103.543667

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
DEVON ENERGY Blue Krait 23-14 Federal 2H-NOY1736334624								
Date: 11-11-24		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
CS2	Surface -4'	ND	ND	ND	ND	ND	ND	52
CSW5	Surface -4' Comp	ND	ND	ND	ND	ND	ND	23
CSW6	Surface -4' Comp	ND	ND	ND	ND	ND	ND	34
CSW7	Surface -4' Comp	ND	ND	ND	ND	ND	ND	42
CSW8	Surface -4' Comp	ND	ND	ND	ND	ND	ND	37

ND/0-Analyte Not Detected

11-11-2024 Soil Sample Results from reference point 3) 32.195977,-103.526029

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
DEVON ENERGY Blue Krait 23-14 Federal 2H-NOY1736334624								
Date: 11-11-24		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
CS3	Surface -4'	ND	ND	ND	ND	ND	ND	25
CSW9	Surface -4' Comp	ND	ND	ND	ND	ND	ND	38
CSW10	Surface -4' Comp	ND	ND	ND	ND	ND	ND	35
CSW11	Surface -4' Comp	ND	ND	ND	ND	ND	ND	32
CSW12	Surface -4' Comp	ND	ND	ND	ND	ND	ND	33

ND/0-Analyte Not Detected

11-11-2024 Soil Sample Results from reference point 4) 32.202441,-103.530320

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
DEVON ENERGY Blue Krait 23-14 Federal 2H-NOY1736334624								
Date: 11-11-24		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
CS4	Surface -4'	ND	ND	ND	ND	ND	ND	29
CSW13	Surface -4' Comp	ND	ND	ND	ND	ND	ND	33
CSW14	Surface -4' Comp	ND	ND	ND	ND	ND	ND	38
CSW15	Surface -4' Comp	ND	ND	ND	ND	ND	ND	26
CSW16	Surface -4' Comp	ND	ND	ND	ND	ND	ND	24

ND/0-Analyte Not Detected

11-11-2024 Soil Sample Results from reference point 5) 32.210211,-103.534483

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
DEVON ENERGY Blue Krait 23-14 Federal 2H-NOY1736334624								
Date: 11-11-24		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
CS5	Surface -4'	ND	ND	ND	ND	ND	ND	42
CSW17	Surface -4' Comp	ND	ND	ND	ND	ND	ND	36
CSW18	Surface -4' Comp	ND	ND	ND	ND	ND	ND	20
CSW19	Surface -4' Comp	ND	ND	ND	ND	ND	ND	47
CSW20	Surface -4' Comp	ND	ND	ND	ND	ND	ND	43

Complete laboratory results can be found in Appendix D.

### Remediation Closure Request

After careful review, Devon Energy requests that this remediation closure report for incident NOY1736334624, be approved. Devon has complied with the applicable remediation closure requirements set forth in rule 19.15.29.12 NMAC.

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

Devon Energy – Jim Raley at 575-689-7597 or [Jim.raley@devon.com](mailto:Jim.raley@devon.com).

Pima Environmental – Gio Gomez – 806-782-1151 or [Gio@pimaoil.com](mailto:Gio@pimaoil.com).

Respectfully,

*Gio Gomez*

Gio Gomez  
 Project Manager  
 Pima Environmental Services, LLC

## Attachments

### Figures:

- 1- Location Map
- 2- Topographic Map
- 3- Karst Map
- 4- Site Maps & Reference Points
- 5- Confirmation Sample Maps

### Appendices:

- Appendix A – Referenced Water Surveys and Water-Related Maps
- Appendix B – Soil Survey and Geologic Data, FEMA, and Wetlands Map
- Appendix C – 48 Hour Notification
- Appendix D – Photographic Documentation
- Appendix E – Laboratory Reports

## Figures:

Figure 1- Location Map

Figure 2- Topographic Map

Figure 3- Karst Map

Figure 4- Site Map & Reference Points



Figure 5- Confirmation Sample Maps



# Blue Krait 23 14 federal #002H

Devon Energy  
API: 30-025-43236  
Lea County, NM  
Location Map  
NOY1736334624

## Legend

-  21.48 miles NW of Bennett
-  Blue Krait 23 14 Federal #002H

Blue Krait 23 14 Federal #002H

Bennett

Andrews Place

Google Earth

Image © 2024 Airbus

9 mi



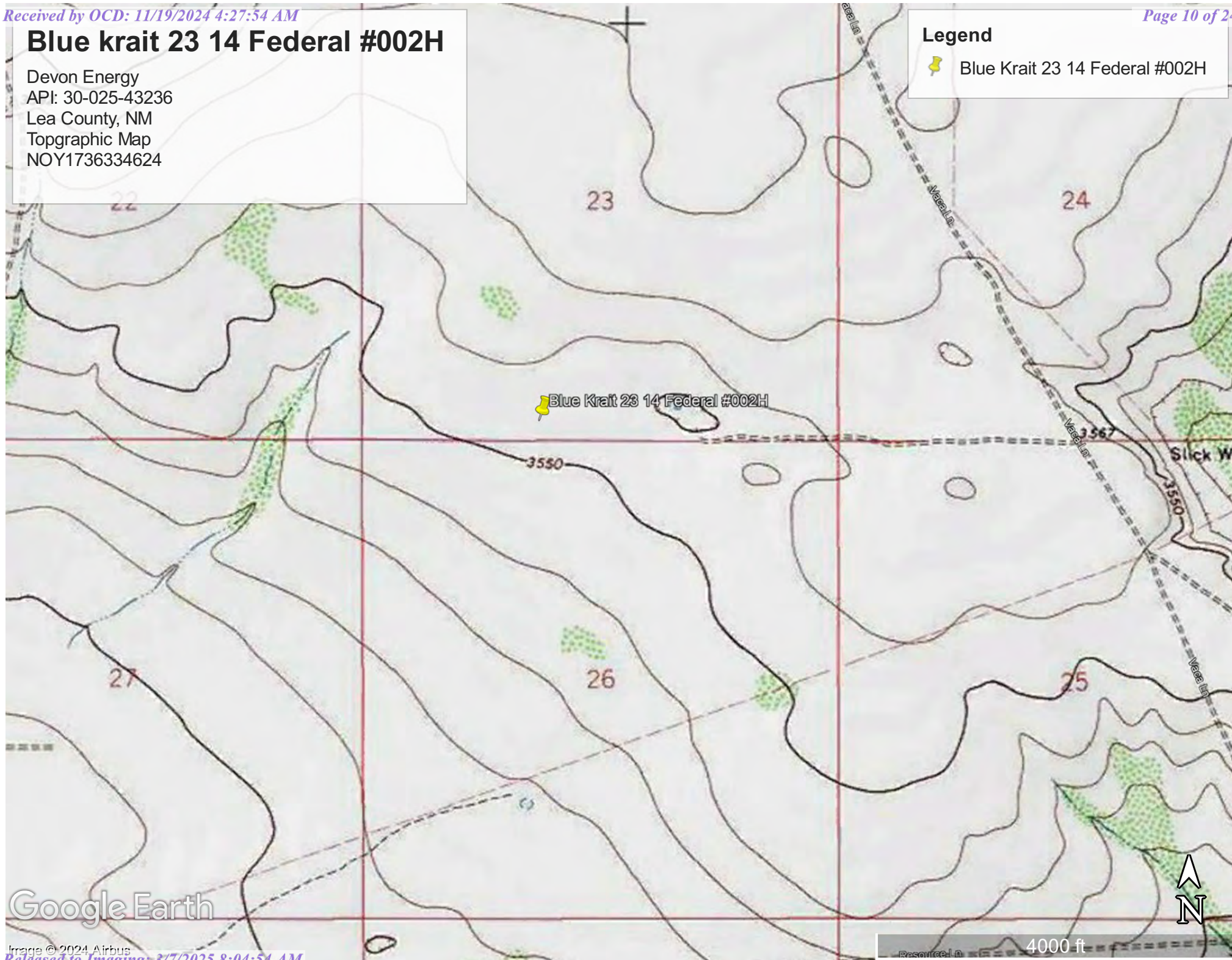


# Blue krait 23 14 Federal #002H

Devon Energy  
API: 30-025-43236  
Lea County, NM  
Topographic Map  
NOY1736334624

## Legend

 Blue Krait 23 14 Federal #002H







Google Earth




# Blue krait 23 14 Federal #002H

Devon Energy  
API: 30-025-43236  
Lea County, NM  
Karst Map  
NOY1736334624

## Legend

-  Blue Krait 23 14 Federal #002H
-  High Karst
-  Low Karst
-  Medium Karst

 Blue Krait 23 14 Federal #002H

Google Earth

Image © 2024 Airbus

Released to Imaging: 3/7/2025 8:04:54 AM



7 mi

Andrews Place



## Blue Krait 23-14 Federal 2H Illegal Dumping

12.13.17

devon

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

WGS\_1984\_Web\_Mercator\_Auxiliary\_Sphere  
Prepared by: Michael Shoemaker  
Map is current as of: 22-Dec-2017



Miles

0 0.07 0.14 0.28 1:14,228





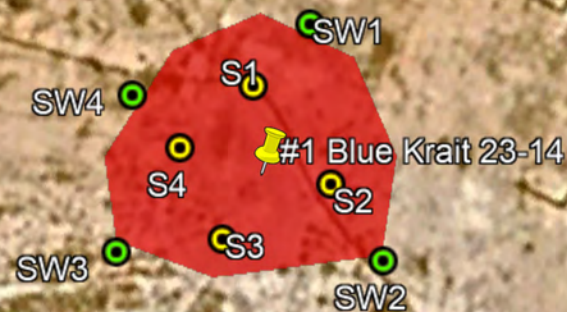



# Blue krait 23 14 Federal #002H

Devon Energy  
API: 30-025-43236  
Lea County, NM  
Reference Point #1  
32.196955,-103.544676  
NOY1736334624

## Legend

-  Sample Area
-  Blue Krait 23-14
-  Soil Samples
-  Sidewall Samples



Blue Krait 23-14 Federal 2H 

Google Earth



100 ft

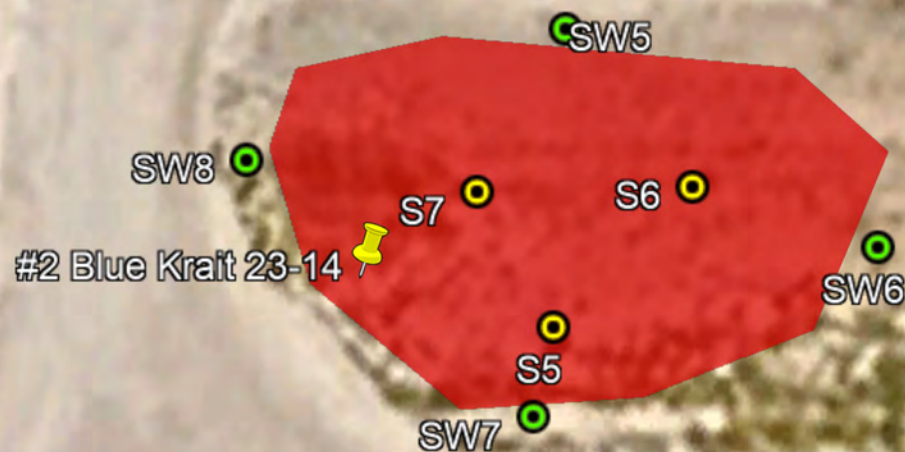


# Blue krait 23 14 Federal #002H

Devon Energy  
API: 30-025-43236  
Lea County, NM  
Reference Point #2  
32.195904,-103.543667  
NOY1736334624

## Legend

-  #2 Blue Krait 23-14
-  Sample Points
-  Sidewall Samples
-  Sample Area



80 ft





Google Earth

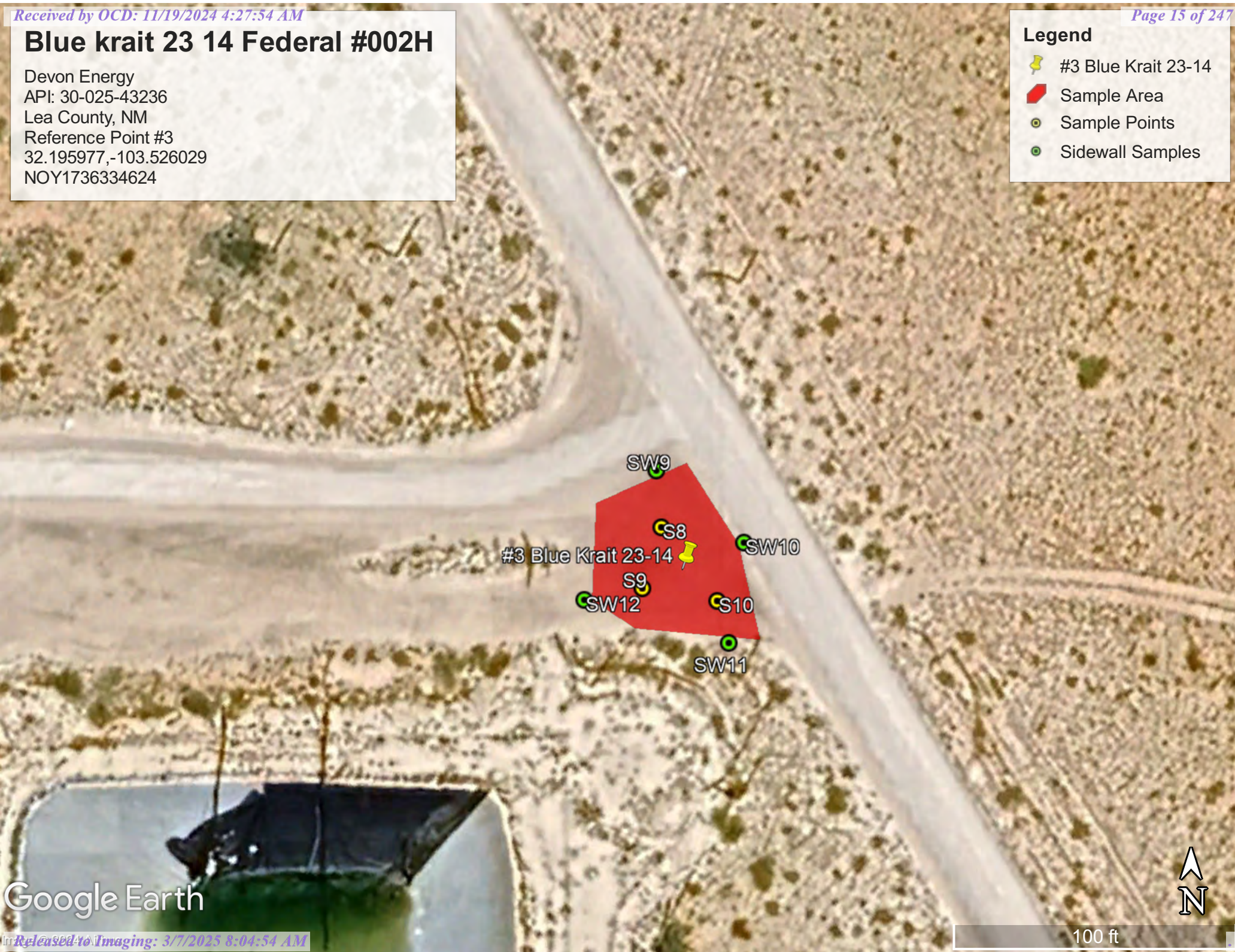


## Blue krait 23 14 Federal #002H

Devon Energy  
API: 30-025-43236  
Lea County, NM  
Reference Point #3  
32.195977,-103.526029  
NOY1736334624

### Legend

-  #3 Blue Krait 23-14
-  Sample Area
-  Sample Points
-  Sidewall Samples







Google Earth



# Blue krait 23 14 Federal #002H

Devon Energy  
API: 30-025-43236  
Lea County, NM  
Reference Point #4  
32.202441,-103.530320  
NOY1736334624

## Legend

-  #4 Blue Krait 23-14
-  Sample Area
-  Sample Points
-  Sidewall Samples

SW13

S13

SW14

#4 Blue Krait 23-14

S12

SW16

S11

SW15

Google Earth







90 ft



## Blue krait 23 14 Federal #002H

Devon Energy  
API: 30-025-43236  
Lea County, NM  
Reference Point #5  
32.210211,-103.534483  
NOY1736334624

### Legend

-  #5 Blue Krait 23-14
-  Sample Area
-  Sample Points
-  Sidewall Samples

128

SW17  
S14 #5 Blue Krait 23-14  
SW20 SW18  
S15 S16  
SW19

Google Earth



100 ft



# Blue krait 23 14 Federal #002H

Devon Energy  
API: 30-025-43236  
Lea County, NM  
Reference Points  
NOY1736334624

## Legend

- 1 #1 Blue Krait 23-14
- 2 #2 Blue Krait 23-14
- 3 #3 Blue Krait 23-14
- 4 #4 Blue Krait 23-14
- 5 #5 Blue Krait 23-14
- 📌 Blue Krait 23-14 Federal 2H

128

128

#5 Blue Krait 23-14

Targa Red Hills Gas Plant Main truck Entrance

#4 Blue Krait 23-14

#1 Blue Krait 23-14

Blue Krait 23-14 Federal 2H

#2 Blue Krait 23-14

#3 Blue Krait 23-14



4000 ft





Google Earth



## Blue Krait 23 14 Federal #002H

Devon Energy  
API: 30-025-43236  
Lea County, NM  
Reference Point #1  
32.196955,-103.544676  
NOY1736334624  
Confirmation Sample Map

### Legend

-  #1 Blue Krait 23-14
-  Blue Krait 23-14 Federal 2H CS1
-  Confirmation Sample
-  CSW1-CSW4 Confirmation Sidewalls

#1 Blue Krait 23-14



Blue Krait 23-14 Federal 2H






Google Earth



## Blue Krait 23 14 Federal #002H

Devon Energy  
API: 30-025-43236  
Lea County, NM  
Reference Point #2  
32.195904,-103.543667  
NOY1736334624  
Confirmation Sample Map

### Legend

-  #2 Blue Krait 23-14
-  CS2 Confirmation Sample
-  CSW 5 - CSW8 Confirmation Sidewalls



Google Earth






50 ft



## Blue Krait 23 14 Federal #002H

Devon Energy  
API: 30-025-43236  
Lea County, NM  
Reference Point #3  
32.195977,-103.526029  
NOY1736334624  
Confirmation Sample Map

### Legend

-  #3 Blue Krait 23-14
-  CS3 Confirmation Sample
-  CSW9 - CSW12 Confirmation Sidewalls



Vaca Ln






30 ft

Google Earth

# Blue Krait 23 14 Federal #002H

Devon Energy  
API: 30-025-43236  
Lea County, NM  
Reference Point #4  
32.202441,-103.530320  
NOY1736334624  
Confirmation Sample Map

## Legend

-  #4 Blue Krait 23-14
-  CS4 Confirmation Sample
-  CSW13 - CSW16 Confirmation Sidewalls

CSW13  
#4 Blue Krait 23-14  
CSW14  
CS4  
CSW16  
CSW15



40 ft




Google Earth



## Blue Krait 23 14 Federal #002H

Devon Energy  
API: 30-025-43236  
Lea County, NM  
Reference Point #5  
32.210211,-103.534483  
NOY1736334624  
Confirmation Sample Map

### Legend

-  #5 Blue Krait 23-14
-  CS5 Confirmation Sample
-  CSW17 - CSW20 Confirmation Sidewalls



Google Earth



30 ft



## Appendix A

### Water Surveys:

- OSE
- USGS
- Surface Water Map

# Water Right Summary



[get image](#)  
[list](#)

WR File Number:	C 04339	Subbasin:	CUB	Cross Reference:
Primary Purpose:	MON MONITORING WELL			
Primary Status:	PMT Permit			
Total Acres:		Subfile:	Header:	
Total Diversion:	0.000	Cause/Case:		
Owner:	GORDON ENVIRONMENTAL/PSC			
Contact:	CLAY KILMER			
Owner:	OWL LANDFILL SERVICES LLC			
Contact:	ROGER JOHNSON			

## Documents on File

(acre-fee)

Transaction Images	Trn #	Doc	File/Act	Status 1	Status 2	Transaction Desc.	From/To	Acres	Diversion
<a href="#">_get images</a>	<a href="#">654344</a>	EXPL	2019-07-11	PMT	APR	C 04339 POD1-10	T	0.000	0.000

## Current Points of Diversion


POD Number	Well Tag	Source	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map	Other Location Desc
<a href="#">C 04339 POD1</a>	NA		NW	SW	SW	23	24S	33E	636525.3	3563309.0		VZ-1
<a href="#">C 04339 POD10</a>	NA		SE	NW	SE	23	24S	33E	637687.8	3563503.6		VZ-10
<a href="#">C 04339 POD2</a>	NA		NE	SW	SW	23	24S	33E	636789.2	3563315.6		VZ-2
<a href="#">C 04339 POD3</a>	NA		NE	SE	SW	23	24S	33E	637273.3	3563323.1		VZ-3
<a href="#">C 04339 POD4</a>	NA		NE	SE	SW	23	24S	33E	637273.3	3563323.1		VZ-4
<a href="#">C 04339 POD5</a>	NA		NE	SW	SE	23	24S	33E	637579.9	3563328.5		VZ-5
<a href="#">C 04339 POD6</a>	NA		SW	NW	NE	23	24S	33E	637340.3	3564386.9		VZ-6
<a href="#">C 04339 POD7</a>	NA		SE	SE	NE	23	24S	33E	636473.4	3564011.4		VZ-7
<a href="#">C 04339 POD8</a>	NA		NW	NW	SW	23	24S	33E	636518.9	3563681.6		VZ-8
<a href="#">C 04339 POD9</a>	NA		SW	SE	NE	23	24S	33E	637730.9	3563913.6		VZ-9

\* UTM location was derived from PLSS - see Help

Point of Diversion Summary

quarters are 1=NW 2=NE 3=SW 4=SE  
quarters are smallest to largest

NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
NA	C 04339 POD10	SE	NW	SE	23	24S	33E	637687.8	3563503.6	

\* UTM location was derived from PLSS - see Help

Driller License:

1575

Driller Company:

CURRIE DRILLING COMPANY, INC

Driller Name:

CURRIE, SHANEG..TY"ENER

Drill Start Date:

2019-08-01

Drill Finish Date:

2019-08-01

Plug Date:

2019-08-01

Log File Date:

2019-08-22

PCW Rcv Date:

Source:

Pump Type:

Pipe Discharge Size:

Estimated Yield:

Casing Size:

Depth Well:

49

Depth Water:



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.

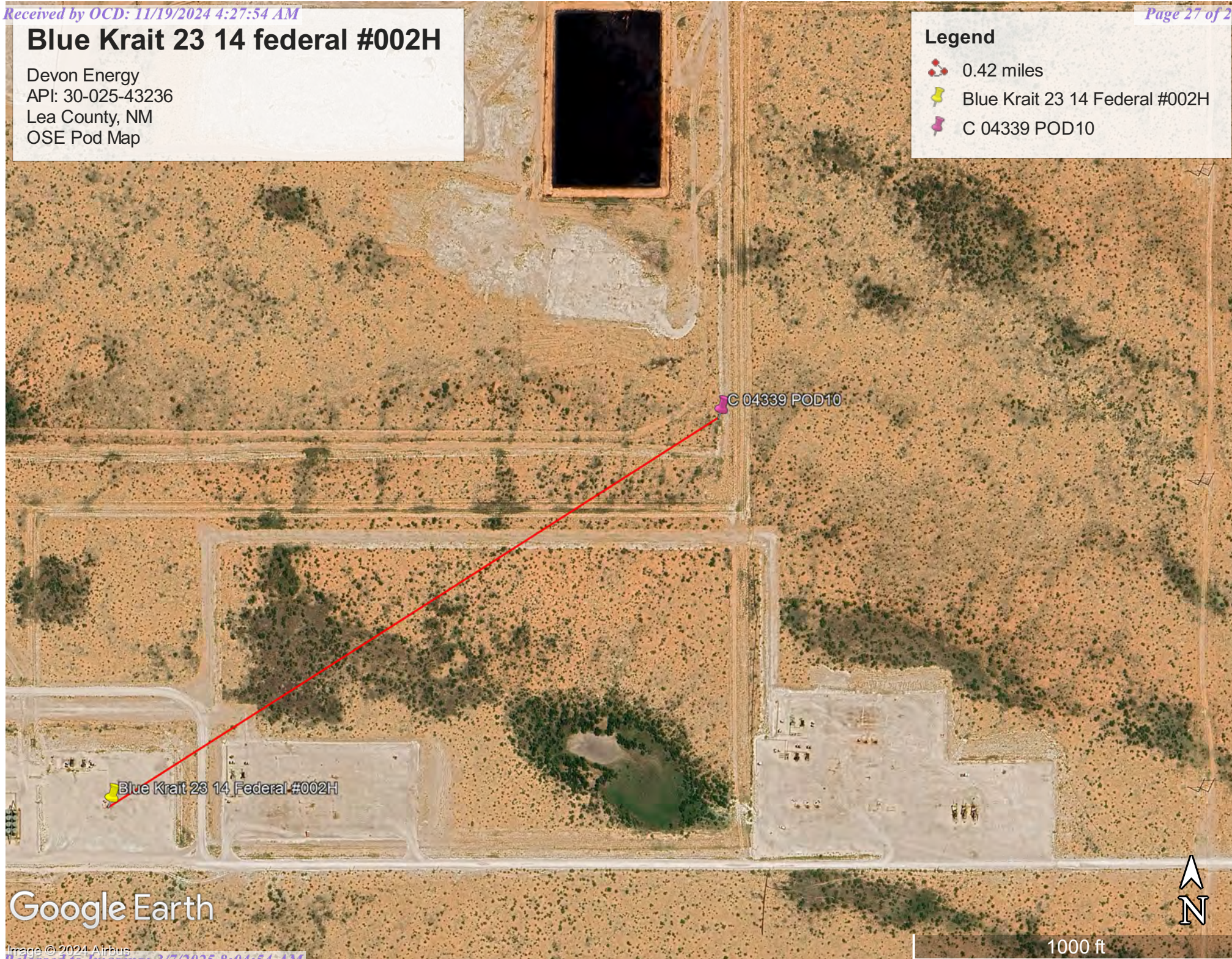


# Blue Krait 23 14 federal #002H

Devon Energy  
API: 30-025-43236  
Lea County, NM  
OSE Pod Map

## Legend

-  0.42 miles
-  Blue Krait 23 14 Federal #002H
-  C 04339 POD10



Google Earth

1000 ft





[USGS Home](#)  
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## National Water Information System: Web Interface

USGS Water Resources

Data Category:

Groundwater

Geographic Area:

United States

GO

Click to hide News Bulletins

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

Groundwater levels for the Nation

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

### Search Results -- 1 sites found

site\_no list =

- 321403103300301

Minimum number of levels = 1

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

### USGS 321403103300301 24S.34E.07.22222

Available data for this site

Groundwater: Field measurements

GO

Lea County, New Mexico

Hydrologic Unit Code 13070007

Latitude 32°14'03", Longitude 103°30'03" NAD27

Land-surface elevation 3,606 feet above NAVD88

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

This well is completed in the Ogallala Formation (121OGLL) local aquifer.

#### Output formats

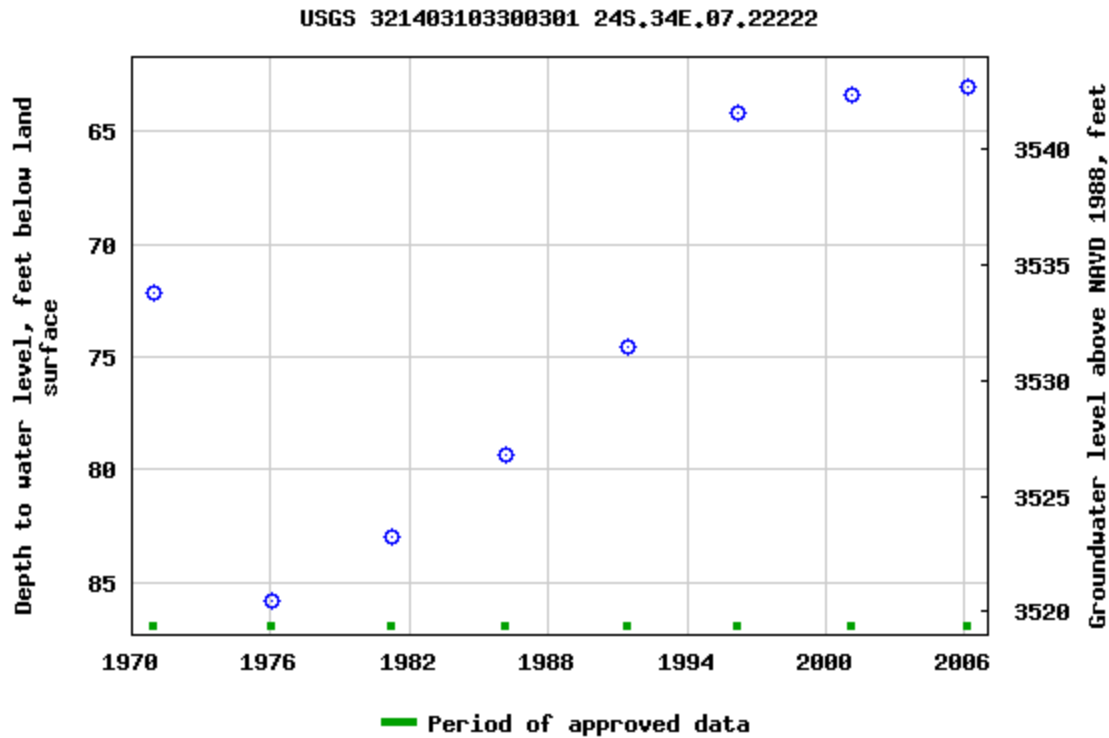
[Table of data](#)

[Tab-separated data](#)

[Graph of data](#)

[Reselect period](#)





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

- [Questions or Comments](#)
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[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)  
**Title: Groundwater for USA: Water Levels**  
**URL: <https://nwis.waterdata.usgs.gov/nwis/gwlevels?>**



Page Contact Information: [USGS Water Data Support Team](#)  
Page Last Modified: 2024-10-28 15:08:46 EDT  
0.91 0.63 nadww02

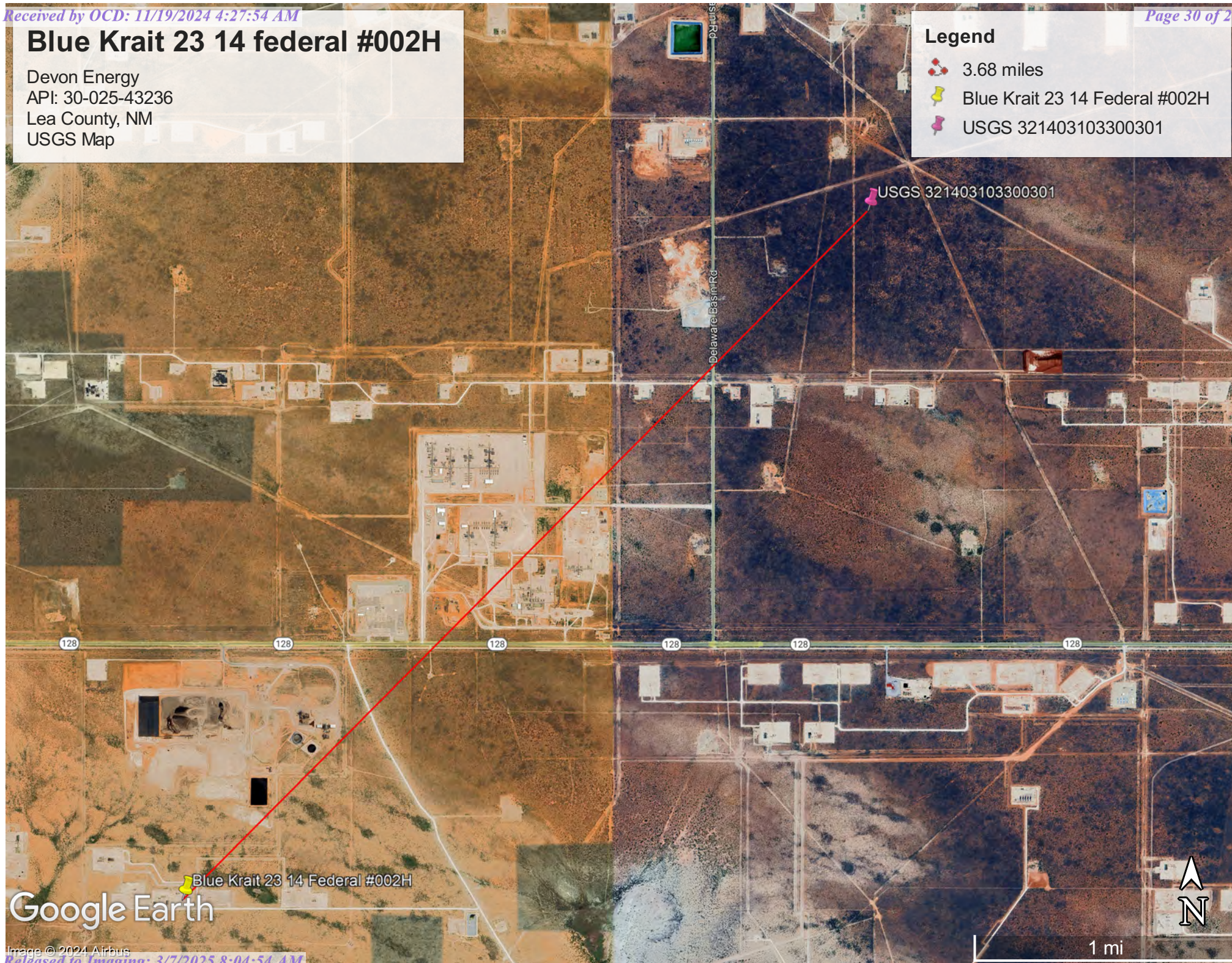


# Blue Krait 23 14 federal #002H

Devon Energy  
API: 30-025-43236  
Lea County, NM  
USGS Map

## Legend

- 3.68 miles
- Blue Krait 23 14 Federal #002H
- USGS 321403103300301






Google Earth

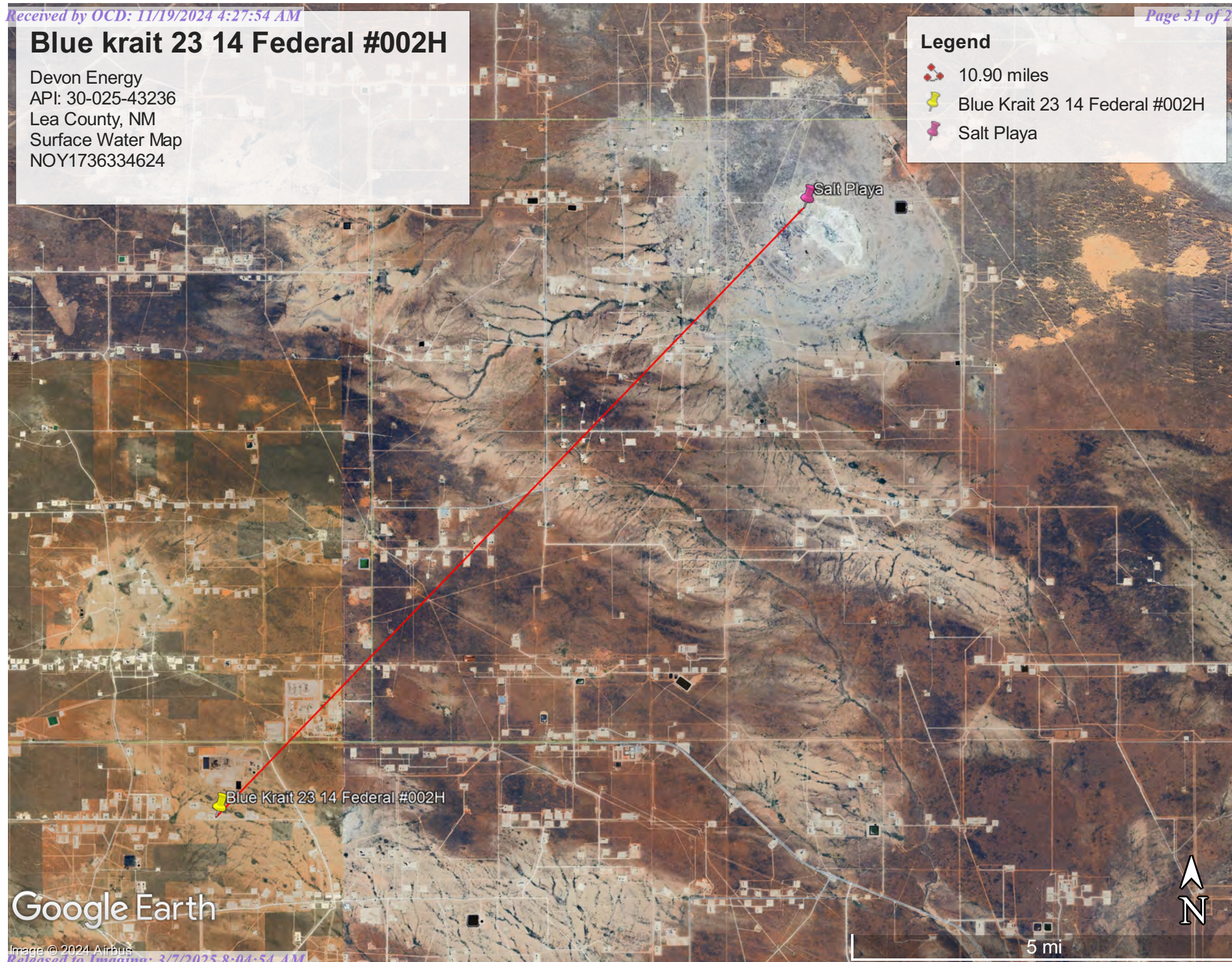


# Blue krait 23 14 Federal #002H

Devon Energy  
API: 30-025-43236  
Lea County, NM  
Surface Water Map  
NOY1736334624

## Legend

-  10.90 miles
-  Blue Krait 23 14 Federal #002H
-  Salt Playa



Google Earth

Image © 2024 Airbus





## Appendix B

- Soil Survey & Soil Maps
- Geological Data
- FEMA Flood Map
- Wetlands Map

Map Unit Description: Simona-Upton association---Lea County, New Mexico

---

## Lea County, New Mexico

### SR—Simona-Upton association

#### Map Unit Setting

*National map unit symbol:* dmr3

*Elevation:* 3,000 to 4,400 feet

*Mean annual precipitation:* 10 to 16 inches

*Mean annual air temperature:* 58 to 62 degrees F

*Frost-free period:* 190 to 205 days

*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Simona and similar soils:* 50 percent

*Upton and similar soils:* 35 percent

*Minor components:* 15 percent

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

#### Description of Simona

##### Setting

*Landform:* Ridges

*Landform position (two-dimensional):* Shoulder

*Landform position (three-dimensional):* Rise

*Down-slope shape:* Convex

*Across-slope shape:* Linear

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

##### Typical profile

*A - 0 to 8 inches:* gravelly fine sandy loam

*Bk - 8 to 16 inches:* fine sandy loam

*Bkm - 16 to 26 inches:* cemented material

##### Properties and qualities

*Slope:* 0 to 3 percent

*Depth to restrictive feature:* 7 to 20 inches to petrocalcic

*Drainage class:* Well drained

*Runoff class:* Very high

*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:* 50 percent

*Gypsum, maximum content:* 1 percent

*Maximum salinity:* Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

*Sodium adsorption ratio, maximum:* 2.0

*Available water supply, 0 to 60 inches:* Very low (about 1.9 inches)

Map Unit Description: Simona-Upton association---Lea County, New Mexico

---

**Interpretive groups**

*Land capability classification (irrigated):* None specified

*Land capability classification (nonirrigated):* 7s

*Hydrologic Soil Group:* D

*Ecological site:* R070BD002NM - Shallow Sandy

*Hydric soil rating:* No

**Description of Upton****Setting**

*Landform:* Ridges

*Landform position (two-dimensional):* Shoulder

*Landform position (three-dimensional):* Rise

*Down-slope shape:* Convex

*Across-slope shape:* Linear

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

**Typical profile**

*A - 0 to 8 inches:* gravelly loam

*Bkm - 8 to 18 inches:* cemented material

*Bck - 18 to 60 inches:* very gravelly loam

**Properties and qualities**

*Slope:* 0 to 3 percent

*Depth to restrictive feature:* 7 to 20 inches to petrocalcic

*Drainage class:* Well drained

*Runoff class:* Medium

*Capacity of the most limiting layer to transmit water (Ksat):* Low to moderately high (0.01 to 0.60 in/hr)

*Depth to water table:* More than 80 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Calcium carbonate, maximum content:* 75 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:* Very low (about 0.9 inches)

**Interpretive groups**

*Land capability classification (irrigated):* 6e

*Land capability classification (nonirrigated):* 7s

*Hydrologic Soil Group:* D

*Ecological site:* R070BC025NM - Shallow

*Hydric soil rating:* No

**Minor Components****Kimbrough**

*Percent of map unit:* 6 percent

*Ecological site:* R077CY037TX - Very Shallow 16-21" PZ

*Hydric soil rating:* No

Map Unit Description: Simona-Upton association---Lea County, New Mexico

---

**Stegall**

*Percent of map unit:* 5 percent

*Ecological site:* R077CY028TX - Limy Upland 16-21" PZ

*Hydric soil rating:* No

**Slaughter**

*Percent of map unit:* 4 percent

*Ecological site:* R077CY028TX - Limy Upland 16-21" PZ

*Hydric soil rating:* No

## Data Source Information

Soil Survey Area: Lea County, New Mexico

Survey Area Data: Version 21, Sep 3, 2024



(<https://www.usgs.gov/>)

Mineral Resources (<https://www.usgs.gov/energy-and-minerals/mineral-resources-program>)  
/ Online Spatial Data (/) / Geology (/geology/) / by state (/geology/state/)  
/ New Mexico (/geology/state/state.php?state=NM)

# Piedmont alluvial deposits

XML (/geology/state/xml/NMQp;0)

JSON (/geology/state/json/NMQp;0)

Shapefile (/geology/state/unit-shape.php?unit=NMQp;0)

*Includes deposits of higher gradient tributaries bordering major stream valleys, alluvial veneers of the piedmont slope, and alluvial fans. May locally include uppermost Pliocene deposits.*

State	New Mexico (/geology/state/state.php?state=NM)
Name	Piedmont alluvial deposits
Geologic age	Holocene to lower Pleistocene
Lithologic constituents	Major Unconsolidated (Alluvial) Includes deposits of higher gradient tributaries bordering major stream valleys, alluvial veneers of the piedmont slope, and alluvial fans
References	Green, G.N., Jones, G.E., and Anderson, O.J., 1997, The Digital Geologic Map of New Mexico in ARC/INFO Format: U.S. Geological Survey Open-File Report 97-0052, 9 p., scale 1:500,000. <a href="https://pubs.er.usgs.gov/publication/ofr9752">https://pubs.er.usgs.gov/publication/ofr9752</a> ( <a href="https://pubs.er.usgs.gov/publication/ofr9752">https://pubs.er.usgs.gov/publication/ofr9752</a> )
NGMDB product	NGMDB product page for 59219 ( <a href="https://ngmdb.usgs.gov/Prodesc/proddesc_59219.htm">https://ngmdb.usgs.gov/Prodesc/proddesc_59219.htm</a> ) NGMDB product page for 22974 ( <a href="https://ngmdb.usgs.gov/Prodesc/proddesc_22974.htm">https://ngmdb.usgs.gov/Prodesc/proddesc_22974.htm</a> )



**Counties**      Bernalillo (/geology/state/fips-unit.php?code=f35001) - Catron (/geology/state/fips-unit.php?code=f35003) - Chaves (/geology/state/fips-unit.php?code=f35005) - Colfax (/geology/state/fips-unit.php?code=f35007) - DeBaca (/geology/state/fips-unit.php?code=f35011) - Dona Ana (/geology/state/fips-unit.php?code=f35013) - Eddy (/geology/state/fips-unit.php?code=f35015) - Grant (/geology/state/fips-unit.php?code=f35017) - Guadalupe (/geology/state/fips-unit.php?code=f35019) - Hidalgo (/geology/state/fips-unit.php?code=f35023) - Lea (/geology/state/fips-unit.php?code=f35025) - Lincoln (/geology/state/fips-unit.php?code=f35027) - Los Alamos (/geology/state/fips-unit.php?code=f35028) - Luna (/geology/state/fips-unit.php?code=f35029) - Mora (/geology/state/fips-unit.php?code=f35033) - Otero (/geology/state/fips-unit.php?code=f35035) - Quay (/geology/state/fips-unit.php?code=f35037) - Rio Arriba (/geology/state/fips-unit.php?code=f35039) - Roosevelt (/geology/state/fips-unit.php?code=f35041) - Sandoval (/geology/state/fips-unit.php?code=f35043) - San Miguel (/geology/state/fips-unit.php?code=f35047) - Santa Fe (/geology/state/fips-unit.php?code=f35049) - Sierra (/geology/state/fips-unit.php?code=f35051) - Socorro (/geology/state/fips-unit.php?code=f35053) - Taos (/geology/state/fips-unit.php?code=f35055) - Torrance (/geology/state/fips-unit.php?code=f35057) - Valencia (/geology/state/fips-unit.php?code=f35061)

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/ Online Spatial Data (/) / Geology (/geology/) / by state (/geology/state/)  
/ New Mexico (/geology/state/state.php?state=NM)

# Ogallala Formation

XML (/geology/state/xml/NMTo;0)

JSON (/geology/state/json/NMTo;0)

Shapefile (/geology/state/unit-shape.php?unit=NMTo;0)

Alluvial and eolian deposits, and petrocalcic soils of the southern High Plains. Locally includes Qoa.

State	New Mexico (/geology/state/state.php?state=NM)
Name	Ogallala Formation
Geologic age	Lower Pliocene to middle Miocene
Lithologic constituents	Major Unconsolidated > Coarse-detrital > Sand (Alluvial, Eolian) GEOLEX Minor Sedimentary > Carbonate (Calcareous) petrocalcic soils of the southern High Plains; marl
References	<div>Green, G.N., Jones, G.E., and Anderson, O.J., 1997, The Digital Geologic Map of New Mexico in ARC/INFO Format: U.S. Geological Survey Open-File Report 97-0052, 9 p., scale 1:500,000. <a href="https://pubs.er.usgs.gov/publication/ofr9752">https://pubs.er.usgs.gov/publication/ofr9752</a> (<a href="https://pubs.er.usgs.gov/publication/ofr9752">https://pubs.er.usgs.gov/publication/ofr9752</a>)</div> <div>USGS Geologic Names lexicon found at: <a href="http://ngmdb.usgs.gov/Geolex/">http://ngmdb.usgs.gov/Geolex/</a> <a href="https://ngmdb.usgs.gov/Geolex/search">https://ngmdb.usgs.gov/Geolex/search</a> (<a href="https://ngmdb.usgs.gov/Geolex/search">https://ngmdb.usgs.gov/Geolex/search</a>)</div>
NGMDB product	NGMDB product page for 22974 ( <a href="https://ngmdb.usgs.gov/Prodesc/proddesc_22974.htm">https://ngmdb.usgs.gov/Prodesc/proddesc_22974.htm</a> )



(<https://www.usgs.gov/>)

Mineral Resources (<https://www.usgs.gov/energy-and-minerals/mineral-resources-program>)  
/ Online Spatial Data (/) / Geology (/geology/) / by state (/geology/state/)  
/ New Mexico (/geology/state/state.php?state=NM)

## Piedmont alluvial deposits

XML ( <a href="/geology/state/xml/NMQp;0">/geology/state/xml/NMQp;0</a> )	JSON ( <a href="/geology/state/json/NMQp;0">/geology/state/json/NMQp;0</a> )
Shapefile ( <a href="/geology/state/unit-shape.php?unit=NMQp;0">/geology/state/unit-shape.php?unit=NMQp;0</a> )	

*Includes deposits of higher gradient tributaries bordering major stream valleys, alluvial veneers of the piedmont slope, and alluvial fans. May locally include uppermost Pliocene deposits.*

State	New Mexico ( <a href="/geology/state/state.php?state=NM">/geology/state/state.php?state=NM</a> )
Name	Piedmont alluvial deposits
Geologic age	Holocene to lower Pleistocene
Lithologic constituents	Major Unconsolidated (Alluvial) <i>Includes deposits of higher gradient tributaries bordering major stream valleys, alluvial veneers of the piedmont slope, and alluvial fans</i>
References	Green, G.N., Jones, G.E., and Anderson, O.J., 1997, The Digital Geologic Map of New Mexico in ARC/INFO Format: U.S. Geological Survey Open-File Report 97-0052, 9 p., scale 1:500,000. <a href="https://pubs.er.usgs.gov/publication/ofr9752">https://pubs.er.usgs.gov/publication/ofr9752</a> ( <a href="https://pubs.er.usgs.gov/publication/ofr9752">https://pubs.er.usgs.gov/publication/ofr9752</a> )
NGMDB product	NGMDB product page for 59219 ( <a href="https://ngmdb.usgs.gov/Prodesc/proddesc_59219.htm">https://ngmdb.usgs.gov/Prodesc/proddesc_59219.htm</a> ) NGMDB product page for 22974 ( <a href="https://ngmdb.usgs.gov/Prodesc/proddesc_22974.htm">https://ngmdb.usgs.gov/Prodesc/proddesc_22974.htm</a> )

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# Blue krait 23 14 Federal #002H

Devon Energy  
API: 30-025-43236  
Lea County, NM  
Geologic Map  
NOY1736334624

## Legend

-  Blue Krait 23-14 Federal 2H
-  Eolian and piedmont deposits
-  Ogallala Formation
-  Piedmont alluvial deposits

#5 Blue Krait 23-14

Targa Red Hills Gas Plant Main Truck Entrance

#4 Blue Krait 23-14

#1 Blue Krait 23-14

Blue Krait 23-14 Federal 2H

#2 Blue Krait 23-14

#3 Blue Krait 23-14



4000 ft

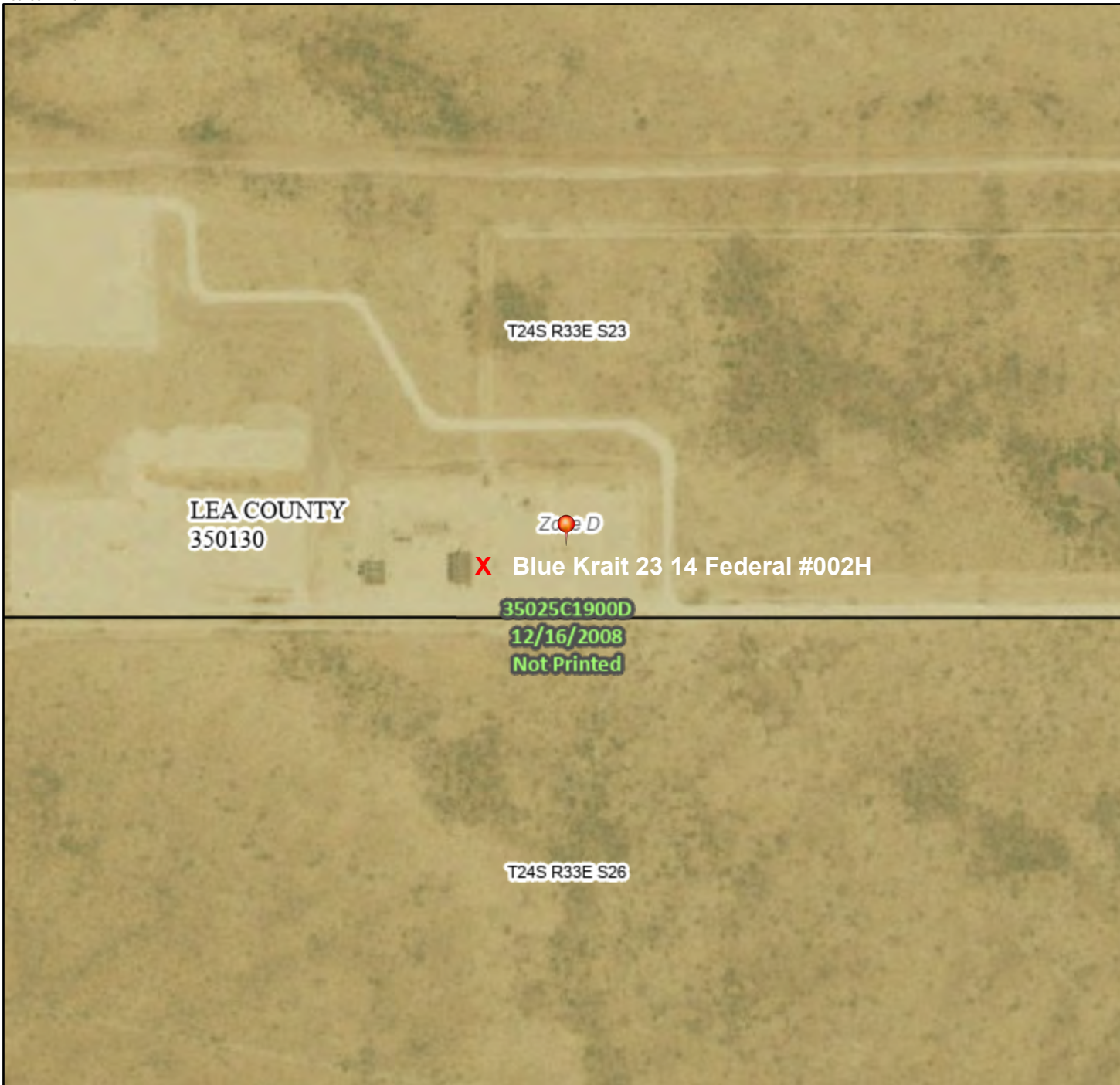
Google Earth



# National Flood Hazard Layer FIRMette



103°33'2"W 32°12'2"N



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

1:6,000

103°32'24"W 32°11'32"N

## Legend

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

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



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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 10/29/2024 at 2:41 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.





May 30, 2024

**Wetlands**

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

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



## Appendix C

### ○ 48-Hour Notification

**District I**

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

**District II**

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

**District III**

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

**District IV**

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

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

QUESTIONS

Action 400120

**QUESTIONS**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 400120
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

**QUESTIONS**

Prerequisites	
Incident ID (n#)	nOY1736334624
Incident Name	NOY1736334624 BLUE KRAIT 23 14 FEDERAL #002H @ 30-025-43236
Incident Type	Release Other
Incident Status	Initial C-141 Approved
Incident Well	[30-025-43236] BLUE KRAIT 23 14 FEDERAL #002H

**Location of Release Source**

Site Name	BLUE KRAIT 23 14 FEDERAL #002H
Date Release Discovered	12/29/2017
Surface Owner	Private

**Sampling Event General Information***Please answer all the questions in this group.*

What is the sampling surface area in square feet	1,000
What is the estimated number of samples that will be gathered	25
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/11/2024
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Andrew Franco -806-200-0054
Please provide any information necessary for navigation to sampling site	From the intersection of NM 128 and Diamond Rd, Travel east on NM 128 for 1.88 miles, turn South on Vaca Ln for 1.11 miles, turn west on lease Rd for 1.12 miles arriving at the location.



**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
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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 400120

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 400120
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jraleay	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	11/6/2024



## Appendix D

### ○ Photographic Documentation

## PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Blue Krait Federal 23 14 Fed 2H

Assessment 1)32.196955,-103.544676



Sign Site information



Point of reference area 1, Facing East.



Point of reference area 1,, Facing South.



Point of reference area 1, Facing North.





Point of reference area 1, Facing West.



PHOTOGRAPHIC DOCUMENTATION SITE

NAME: Blue Krait Federal 23 14 Fed 2H

Assessment 2) 32.195904,-103.543667



Point of reference area 2, Facing East.



Point of reference area 2 Facing North.



Point of reference area 2, Facing South.



Point of reference area 2, Facing West.



## PHOTOGRAPHIC DOCUMENTATION SITE

NAME: Blue Krait Federal 23 14 Fed 2H

### Assessment 3) 32.195977,-103.526029



Point of reference area 3, Facing Southeast.



Point of reference area 3, Facing Northeast.



Point of reference area 3, Facing Northwest.



Point of reference area 3, Facing Southwest.





PHOTOGRAPHIC DOCUMENTATION SITE

NAME: Blue Krait Federal 23 14 Fed 2H

Assessment 4) 32.202441,-103.530320



Point of reference area 4, Facing Southeast.



Point of reference area 4, Facing East.



Point of reference area 4, Facing Northeast.



Point of reference area 4, Facing Southwest.





PHOTOGRAPHIC DOCUMENTATION SITE

NAME: Blue Krait Federal 23 14 Fed 2H

Assessment 5) 32.210211,-103.534483



Point of reference area 5, Facing North.



Point of reference area 5, Facing East.



Point of reference area 5, Facing South.



Point of reference area 5, Facing West.



## Appendix E

### ○ Laboratory Reports



Report to:  
Gio Gomez



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Blue Krait 23-14 Federal 2H

Work Order: E405235

Job Number: 01058-0007

Received: 5/17/2024

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
5/28/24

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 5/28/24

Gio Gomez  
PO Box 247  
Plains, TX 79355-0247



Project Name: Blue Krait 23-14 Federal 2H  
Workorder: E405235  
Date Received: 5/17/2024 10:33:08AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/17/2024 10:33:08AM, under the Project Name: Blue Krait 23-14 Federal 2H.

The analytical test results summarized in this report with the Project Name: Blue Krait 23-14 Federal 2H 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**  
Laboratory Technical Representative  
Office: 505-421-LABS(5227)  
Cell: 505-320-4759  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

**Michelle Golzales**  
Client Representative  
Office: 505-421-LABS(5227)  
Cell: 505-947-8222  
[mgonzales@envirotech-inc.com](mailto:mgonzales@envirotech-inc.com)

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



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## Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	05/28/24 16:11

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1-1'	E405235-01A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
S1-2'	E405235-02A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
S1-3'	E405235-03A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
S1-4'	E405235-04A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
S2-1'	E405235-05A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
S2-2'	E405235-06A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
S2-3'	E405235-07A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
S2-4'	E405235-08A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
S3-1'	E405235-09A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
S3-2'	E405235-10A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
S3-3'	E405235-11A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
S3-4'	E405235-12A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
S4-1'	E405235-13A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
S4-2'	E405235-14A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
S4-3'	E405235-15A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
S4-4'	E405235-16A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
SW1	E405235-17A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
	E405235-17B	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
SW2	E405235-18A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
	E405235-18B	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
SW3	E405235-19A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
	E405235-19B	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
SW4	E405235-20A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
	E405235-20B	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.



## Sample Data

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

Project Name: Blue Krait 23-14 Federal 2H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/28/2024 4:11:09PM

S1-1'

E405235-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421061
Benzene	ND	0.0250	1	05/21/24	05/23/24	
Ethylbenzene	ND	0.0250	1	05/21/24	05/23/24	
Toluene	ND	0.0250	1	05/21/24	05/23/24	
o-Xylene	ND	0.0250	1	05/21/24	05/23/24	
p,m-Xylene	ND	0.0500	1	05/21/24	05/23/24	
Total Xylenes	ND	0.0250	1	05/21/24	05/23/24	
Surrogate: Bromofluorobenzene		110 %	70-130	05/21/24	05/23/24	
Surrogate: 1,2-Dichloroethane-d4		90.3 %	70-130	05/21/24	05/23/24	
Surrogate: Toluene-d8		106 %	70-130	05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421061
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/23/24	
Surrogate: Bromofluorobenzene		110 %	70-130	05/21/24	05/23/24	
Surrogate: 1,2-Dichloroethane-d4		90.3 %	70-130	05/21/24	05/23/24	
Surrogate: Toluene-d8		106 %	70-130	05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2421070
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/24/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/24/24	
Surrogate: n-Nonane		108 %	50-200	05/22/24	05/24/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421082
Chloride	72.8	20.0	1	05/22/24	05/22/24	





## Sample Data

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

Project Name: Blue Krait 23-14 Federal 2H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/28/2024 4:11:09PM

S1-2'

E405235-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421061
Benzene	ND	0.0250	1	05/21/24	05/23/24	
Ethylbenzene	ND	0.0250	1	05/21/24	05/23/24	
Toluene	ND	0.0250	1	05/21/24	05/23/24	
o-Xylene	ND	0.0250	1	05/21/24	05/23/24	
p,m-Xylene	ND	0.0500	1	05/21/24	05/23/24	
Total Xylenes	ND	0.0250	1	05/21/24	05/23/24	
Surrogate: Bromofluorobenzene		112 %	70-130	05/21/24	05/23/24	
Surrogate: 1,2-Dichloroethane-d4		91.6 %	70-130	05/21/24	05/23/24	
Surrogate: Toluene-d8		106 %	70-130	05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421061
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/23/24	
Surrogate: Bromofluorobenzene		112 %	70-130	05/21/24	05/23/24	
Surrogate: 1,2-Dichloroethane-d4		91.6 %	70-130	05/21/24	05/23/24	
Surrogate: Toluene-d8		106 %	70-130	05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2421070
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/24/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/24/24	
Surrogate: n-Nonane		107 %	50-200	05/22/24	05/24/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421082
Chloride	ND	20.0	1	05/22/24	05/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	<b>Reported:</b> 5/28/2024 4:11:09PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S1-3'

E405235-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2421061	
Benzene	ND	0.0250	1	05/21/24	05/23/24	
Ethylbenzene	ND	0.0250	1	05/21/24	05/23/24	
Toluene	ND	0.0250	1	05/21/24	05/23/24	
o-Xylene	ND	0.0250	1	05/21/24	05/23/24	
p,m-Xylene	ND	0.0500	1	05/21/24	05/23/24	
Total Xylenes	ND	0.0250	1	05/21/24	05/23/24	
Surrogate: Bromofluorobenzene		110 %	70-130	05/21/24	05/23/24	
Surrogate: 1,2-Dichloroethane-d4		91.1 %	70-130	05/21/24	05/23/24	
Surrogate: Toluene-d8		106 %	70-130	05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2421061	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/23/24	
Surrogate: Bromofluorobenzene		110 %	70-130	05/21/24	05/23/24	
Surrogate: 1,2-Dichloroethane-d4		91.1 %	70-130	05/21/24	05/23/24	
Surrogate: Toluene-d8		106 %	70-130	05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2421070	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/24/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/24/24	
Surrogate: n-Nonane		107 %	50-200	05/22/24	05/24/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2421082	
Chloride	23.8	20.0	1	05/22/24	05/22/24	





Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Blue Krait 23-14 Federal 2H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 5/28/2024 4:11:09PM
---	---	----------------------------------

S1-4'

E405235-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2421061	
Benzene	ND	0.0250	1	05/21/24	05/23/24	
Ethylbenzene	ND	0.0250	1	05/21/24	05/23/24	
Toluene	ND	0.0250	1	05/21/24	05/23/24	
o-Xylene	ND	0.0250	1	05/21/24	05/23/24	
p,m-Xylene	ND	0.0500	1	05/21/24	05/23/24	
Total Xylenes	ND	0.0250	1	05/21/24	05/23/24	
Surrogate: Bromofluorobenzene	109 %	70-130		05/21/24	05/23/24	
Surrogate: 1,2-Dichloroethane-d4	90.6 %	70-130		05/21/24	05/23/24	
Surrogate: Toluene-d8	106 %	70-130		05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2421061	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/23/24	
Surrogate: Bromofluorobenzene	109 %	70-130		05/21/24	05/23/24	
Surrogate: 1,2-Dichloroethane-d4	90.6 %	70-130		05/21/24	05/23/24	
Surrogate: Toluene-d8	106 %	70-130		05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2421070	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/24/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/24/24	
Surrogate: n-Nonane	104 %	50-200		05/22/24	05/24/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2421082	
Chloride	30.0	20.0	1	05/22/24	05/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	<b>Reported:</b> 5/28/2024 4:11:09PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S2-1'

E405235-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421061
Benzene	ND	0.0250	1	05/21/24	05/23/24	
Ethylbenzene	ND	0.0250	1	05/21/24	05/23/24	
Toluene	ND	0.0250	1	05/21/24	05/23/24	
o-Xylene	ND	0.0250	1	05/21/24	05/23/24	
p,m-Xylene	ND	0.0500	1	05/21/24	05/23/24	
Total Xylenes	ND	0.0250	1	05/21/24	05/23/24	
Surrogate: Bromofluorobenzene		111 %	70-130	05/21/24	05/23/24	
Surrogate: 1,2-Dichloroethane-d4		89.3 %	70-130	05/21/24	05/23/24	
Surrogate: Toluene-d8		106 %	70-130	05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421061
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/23/24	
Surrogate: Bromofluorobenzene		111 %	70-130	05/21/24	05/23/24	
Surrogate: 1,2-Dichloroethane-d4		89.3 %	70-130	05/21/24	05/23/24	
Surrogate: Toluene-d8		106 %	70-130	05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2421070
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/24/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/24/24	
Surrogate: n-Nonane		111 %	50-200	05/22/24	05/24/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421082
Chloride	60.2	20.0	1	05/22/24	05/22/24	





## Sample Data

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

Project Name: Blue Krait 23-14 Federal 2H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/28/2024 4:11:09PM

S2-2'

E405235-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421061
Benzene	ND	0.0250	1	05/21/24	05/23/24	
Ethylbenzene	ND	0.0250	1	05/21/24	05/23/24	
Toluene	ND	0.0250	1	05/21/24	05/23/24	
o-Xylene	ND	0.0250	1	05/21/24	05/23/24	
p,m-Xylene	ND	0.0500	1	05/21/24	05/23/24	
Total Xylenes	ND	0.0250	1	05/21/24	05/23/24	
Surrogate: Bromofluorobenzene		110 %	70-130	05/21/24	05/23/24	
Surrogate: 1,2-Dichloroethane-d4		88.9 %	70-130	05/21/24	05/23/24	
Surrogate: Toluene-d8		106 %	70-130	05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421061
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/23/24	
Surrogate: Bromofluorobenzene		110 %	70-130	05/21/24	05/23/24	
Surrogate: 1,2-Dichloroethane-d4		88.9 %	70-130	05/21/24	05/23/24	
Surrogate: Toluene-d8		106 %	70-130	05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2421070
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/24/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/24/24	
Surrogate: n-Nonane		103 %	50-200	05/22/24	05/24/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421082
Chloride	ND	20.0	1	05/22/24	05/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	<b>Reported:</b> 5/28/2024 4:11:09PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S2-3'

E405235-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2421061	
Benzene	ND	0.0250	1	05/21/24	05/23/24	
Ethylbenzene	ND	0.0250	1	05/21/24	05/23/24	
Toluene	ND	0.0250	1	05/21/24	05/23/24	
o-Xylene	ND	0.0250	1	05/21/24	05/23/24	
p,m-Xylene	ND	0.0500	1	05/21/24	05/23/24	
Total Xylenes	ND	0.0250	1	05/21/24	05/23/24	
Surrogate: Bromofluorobenzene	115 %	70-130		05/21/24	05/23/24	
Surrogate: 1,2-Dichloroethane-d4	91.7 %	70-130		05/21/24	05/23/24	
Surrogate: Toluene-d8	107 %	70-130		05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2421061	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/23/24	
Surrogate: Bromofluorobenzene	115 %	70-130		05/21/24	05/23/24	
Surrogate: 1,2-Dichloroethane-d4	91.7 %	70-130		05/21/24	05/23/24	
Surrogate: Toluene-d8	107 %	70-130		05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2421070	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/24/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/24/24	
Surrogate: n-Nonane	108 %	50-200		05/22/24	05/24/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2421082	
Chloride	22.9	20.0	1	05/22/24	05/22/24	





## Sample Data

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

Project Name: Blue Krait 23-14 Federal 2H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/28/2024 4:11:09PM

S2-4'

E405235-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421061
Benzene	ND	0.0250	1	05/21/24	05/23/24	
Ethylbenzene	ND	0.0250	1	05/21/24	05/23/24	
Toluene	ND	0.0250	1	05/21/24	05/23/24	
o-Xylene	ND	0.0250	1	05/21/24	05/23/24	
p,m-Xylene	ND	0.0500	1	05/21/24	05/23/24	
Total Xylenes	ND	0.0250	1	05/21/24	05/23/24	
Surrogate: Bromofluorobenzene		109 %	70-130	05/21/24	05/23/24	
Surrogate: 1,2-Dichloroethane-d4		92.3 %	70-130	05/21/24	05/23/24	
Surrogate: Toluene-d8		106 %	70-130	05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421061
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/23/24	
Surrogate: Bromofluorobenzene		109 %	70-130	05/21/24	05/23/24	
Surrogate: 1,2-Dichloroethane-d4		92.3 %	70-130	05/21/24	05/23/24	
Surrogate: Toluene-d8		106 %	70-130	05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2421070
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/24/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/24/24	
Surrogate: n-Nonane		113 %	50-200	05/22/24	05/24/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421082
Chloride	31.0	20.0	1	05/22/24	05/22/24	



## Sample Data

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

Project Name: Blue Krait 23-14 Federal 2H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/28/2024 4:11:09PM

S3-1'

E405235-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421061
Benzene	ND	0.0250	1	05/21/24	05/23/24	
Ethylbenzene	ND	0.0250	1	05/21/24	05/23/24	
Toluene	ND	0.0250	1	05/21/24	05/23/24	
o-Xylene	ND	0.0250	1	05/21/24	05/23/24	
p,m-Xylene	ND	0.0500	1	05/21/24	05/23/24	
Total Xylenes	ND	0.0250	1	05/21/24	05/23/24	
Surrogate: Bromofluorobenzene		112 %	70-130	05/21/24	05/23/24	
Surrogate: 1,2-Dichloroethane-d4		91.0 %	70-130	05/21/24	05/23/24	
Surrogate: Toluene-d8		106 %	70-130	05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421061
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/23/24	
Surrogate: Bromofluorobenzene		112 %	70-130	05/21/24	05/23/24	
Surrogate: 1,2-Dichloroethane-d4		91.0 %	70-130	05/21/24	05/23/24	
Surrogate: Toluene-d8		106 %	70-130	05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2421070
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/24/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/24/24	
Surrogate: n-Nonane		111 %	50-200	05/22/24	05/24/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421082
Chloride	66.0	20.0	1	05/22/24	05/22/24	





Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Blue Krait 23-14 Federal 2H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 5/28/2024 4:11:09PM
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S3-2'

E405235-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421061
Benzene	ND	0.0250	1	05/21/24	05/23/24	
Ethylbenzene	ND	0.0250	1	05/21/24	05/23/24	
Toluene	ND	0.0250	1	05/21/24	05/23/24	
o-Xylene	ND	0.0250	1	05/21/24	05/23/24	
p,m-Xylene	ND	0.0500	1	05/21/24	05/23/24	
Total Xylenes	ND	0.0250	1	05/21/24	05/23/24	
Surrogate: Bromofluorobenzene		110 %	70-130	05/21/24	05/23/24	
Surrogate: 1,2-Dichloroethane-d4		91.5 %	70-130	05/21/24	05/23/24	
Surrogate: Toluene-d8		105 %	70-130	05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421061
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/23/24	
Surrogate: Bromofluorobenzene		110 %	70-130	05/21/24	05/23/24	
Surrogate: 1,2-Dichloroethane-d4		91.5 %	70-130	05/21/24	05/23/24	
Surrogate: Toluene-d8		105 %	70-130	05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2421070
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/24/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/24/24	
Surrogate: n-Nonane		112 %	50-200	05/22/24	05/24/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421082
Chloride	ND	20.0	1	05/22/24	05/22/24	



## Sample Data

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

Project Name: Blue Krait 23-14 Federal 2H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/28/2024 4:11:09PM

S3-3'

E405235-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421061
Benzene	ND	0.0250	1	05/21/24	05/23/24	
Ethylbenzene	ND	0.0250	1	05/21/24	05/23/24	
Toluene	ND	0.0250	1	05/21/24	05/23/24	
o-Xylene	ND	0.0250	1	05/21/24	05/23/24	
p,m-Xylene	ND	0.0500	1	05/21/24	05/23/24	
Total Xylenes	ND	0.0250	1	05/21/24	05/23/24	
Surrogate: Bromofluorobenzene		111 %	70-130	05/21/24	05/23/24	
Surrogate: 1,2-Dichloroethane-d4		92.8 %	70-130	05/21/24	05/23/24	
Surrogate: Toluene-d8		108 %	70-130	05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421061
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/23/24	
Surrogate: Bromofluorobenzene		111 %	70-130	05/21/24	05/23/24	
Surrogate: 1,2-Dichloroethane-d4		92.8 %	70-130	05/21/24	05/23/24	
Surrogate: Toluene-d8		108 %	70-130	05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2421070
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/24/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/24/24	
Surrogate: n-Nonane		108 %	50-200	05/22/24	05/24/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421082
Chloride	41.0	20.0	1	05/22/24	05/22/24	





## Sample Data

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

Project Name: Blue Krait 23-14 Federal 2H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/28/2024 4:11:09PM

S3-4'

E405235-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421061
Benzene	ND	0.0250	1	05/21/24	05/23/24	
Ethylbenzene	ND	0.0250	1	05/21/24	05/23/24	
Toluene	ND	0.0250	1	05/21/24	05/23/24	
o-Xylene	ND	0.0250	1	05/21/24	05/23/24	
p,m-Xylene	ND	0.0500	1	05/21/24	05/23/24	
Total Xylenes	ND	0.0250	1	05/21/24	05/23/24	
Surrogate: Bromofluorobenzene		109 %	70-130	05/21/24	05/23/24	
Surrogate: 1,2-Dichloroethane-d4		88.2 %	70-130	05/21/24	05/23/24	
Surrogate: Toluene-d8		105 %	70-130	05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421061
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/23/24	
Surrogate: Bromofluorobenzene		109 %	70-130	05/21/24	05/23/24	
Surrogate: 1,2-Dichloroethane-d4		88.2 %	70-130	05/21/24	05/23/24	
Surrogate: Toluene-d8		105 %	70-130	05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2421070
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/24/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/24/24	
Surrogate: n-Nonane		112 %	50-200	05/22/24	05/24/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421082
Chloride	34.8	20.0	1	05/22/24	05/22/24	



## Sample Data

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

Project Name: Blue Krait 23-14 Federal 2H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/28/2024 4:11:09PM

S4-1'

E405235-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421061
Benzene	ND	0.0250	1	05/21/24	05/23/24	
Ethylbenzene	ND	0.0250	1	05/21/24	05/23/24	
Toluene	ND	0.0250	1	05/21/24	05/23/24	
o-Xylene	ND	0.0250	1	05/21/24	05/23/24	
p,m-Xylene	ND	0.0500	1	05/21/24	05/23/24	
Total Xylenes	ND	0.0250	1	05/21/24	05/23/24	
Surrogate: Bromofluorobenzene		109 %	70-130	05/21/24	05/23/24	
Surrogate: 1,2-Dichloroethane-d4		86.6 %	70-130	05/21/24	05/23/24	
Surrogate: Toluene-d8		107 %	70-130	05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421061
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/23/24	
Surrogate: Bromofluorobenzene		109 %	70-130	05/21/24	05/23/24	
Surrogate: 1,2-Dichloroethane-d4		86.6 %	70-130	05/21/24	05/23/24	
Surrogate: Toluene-d8		107 %	70-130	05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2421070
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/24/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/24/24	
Surrogate: n-Nonane		104 %	50-200	05/22/24	05/24/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421082
Chloride	74.7	20.0	1	05/22/24	05/22/24	





## Sample Data

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

Project Name: Blue Krait 23-14 Federal 2H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/28/2024 4:11:09PM

S4-2'

E405235-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421061
Benzene	ND	0.0250	1	05/21/24	05/23/24	
Ethylbenzene	ND	0.0250	1	05/21/24	05/23/24	
Toluene	ND	0.0250	1	05/21/24	05/23/24	
o-Xylene	ND	0.0250	1	05/21/24	05/23/24	
p,m-Xylene	ND	0.0500	1	05/21/24	05/23/24	
Total Xylenes	ND	0.0250	1	05/21/24	05/23/24	
Surrogate: Bromofluorobenzene		110 %	70-130	05/21/24	05/23/24	
Surrogate: 1,2-Dichloroethane-d4		86.6 %	70-130	05/21/24	05/23/24	
Surrogate: Toluene-d8		106 %	70-130	05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421061
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/23/24	
Surrogate: Bromofluorobenzene		110 %	70-130	05/21/24	05/23/24	
Surrogate: 1,2-Dichloroethane-d4		86.6 %	70-130	05/21/24	05/23/24	
Surrogate: Toluene-d8		106 %	70-130	05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2421070
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/24/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/24/24	
Surrogate: n-Nonane		111 %	50-200	05/22/24	05/24/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421082
Chloride	ND	20.0	1	05/22/24	05/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	Reported: 5/28/2024 4:11:09PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S4-3'

E405235-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2421061	
Benzene	ND	0.0250	1	05/21/24	05/23/24	
Ethylbenzene	ND	0.0250	1	05/21/24	05/23/24	
Toluene	ND	0.0250	1	05/21/24	05/23/24	
o-Xylene	ND	0.0250	1	05/21/24	05/23/24	
p,m-Xylene	ND	0.0500	1	05/21/24	05/23/24	
Total Xylenes	ND	0.0250	1	05/21/24	05/23/24	
Surrogate: Bromofluorobenzene		111 %	70-130	05/21/24	05/23/24	
Surrogate: 1,2-Dichloroethane-d4		91.3 %	70-130	05/21/24	05/23/24	
Surrogate: Toluene-d8		106 %	70-130	05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2421061	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/23/24	
Surrogate: Bromofluorobenzene		111 %	70-130	05/21/24	05/23/24	
Surrogate: 1,2-Dichloroethane-d4		91.3 %	70-130	05/21/24	05/23/24	
Surrogate: Toluene-d8		106 %	70-130	05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2421070	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/24/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/24/24	
Surrogate: n-Nonane		113 %	50-200	05/22/24	05/24/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2421082	
Chloride	34.4	20.0	1	05/22/24	05/22/24	



## Sample Data

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

Project Name: Blue Krait 23-14 Federal 2H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/28/2024 4:11:09PM

S4-4'

E405235-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421061
Benzene	ND	0.0250	1	05/21/24	05/23/24	
Ethylbenzene	ND	0.0250	1	05/21/24	05/23/24	
Toluene	ND	0.0250	1	05/21/24	05/23/24	
o-Xylene	ND	0.0250	1	05/21/24	05/23/24	
p,m-Xylene	ND	0.0500	1	05/21/24	05/23/24	
Total Xylenes	ND	0.0250	1	05/21/24	05/23/24	
Surrogate: Bromofluorobenzene		111 %	70-130	05/21/24	05/23/24	
Surrogate: 1,2-Dichloroethane-d4		88.4 %	70-130	05/21/24	05/23/24	
Surrogate: Toluene-d8		104 %	70-130	05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421061
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/23/24	
Surrogate: Bromofluorobenzene		111 %	70-130	05/21/24	05/23/24	
Surrogate: 1,2-Dichloroethane-d4		88.4 %	70-130	05/21/24	05/23/24	
Surrogate: Toluene-d8		104 %	70-130	05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2421070
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/24/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/24/24	
Surrogate: n-Nonane		113 %	50-200	05/22/24	05/24/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421082
Chloride	31.5	20.0	1	05/22/24	05/22/24	





## Sample Data

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

Project Name: Blue Krait 23-14 Federal 2H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/28/2024 4:11:09PM

## SW1

## E405235-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421061
Benzene	ND	0.0250	1	05/21/24	05/23/24	
Ethylbenzene	ND	0.0250	1	05/21/24	05/23/24	
Toluene	ND	0.0250	1	05/21/24	05/23/24	
o-Xylene	ND	0.0250	1	05/21/24	05/23/24	
p,m-Xylene	ND	0.0500	1	05/21/24	05/23/24	
Total Xylenes	ND	0.0250	1	05/21/24	05/23/24	
Surrogate: Bromofluorobenzene		107 %	70-130	05/21/24	05/23/24	
Surrogate: 1,2-Dichloroethane-d4		91.9 %	70-130	05/21/24	05/23/24	
Surrogate: Toluene-d8		107 %	70-130	05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421061
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/23/24	
Surrogate: Bromofluorobenzene		107 %	70-130	05/21/24	05/23/24	
Surrogate: 1,2-Dichloroethane-d4		91.9 %	70-130	05/21/24	05/23/24	
Surrogate: Toluene-d8		107 %	70-130	05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2421070
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/25/24	
Surrogate: n-Nonane		109 %	50-200	05/22/24	05/25/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421082
Chloride	40.9	20.0	1	05/22/24	05/22/24	



## Sample Data

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

Project Name: Blue Krait 23-14 Federal 2H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/28/2024 4:11:09PM

## SW2

## E405235-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421061
Benzene	ND	0.0250	1	05/21/24	05/23/24	
Ethylbenzene	ND	0.0250	1	05/21/24	05/23/24	
Toluene	ND	0.0250	1	05/21/24	05/23/24	
o-Xylene	ND	0.0250	1	05/21/24	05/23/24	
p,m-Xylene	ND	0.0500	1	05/21/24	05/23/24	
Total Xylenes	ND	0.0250	1	05/21/24	05/23/24	
Surrogate: Bromofluorobenzene		109 %	70-130	05/21/24	05/23/24	
Surrogate: 1,2-Dichloroethane-d4		92.5 %	70-130	05/21/24	05/23/24	
Surrogate: Toluene-d8		107 %	70-130	05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421061
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/23/24	
Surrogate: Bromofluorobenzene		109 %	70-130	05/21/24	05/23/24	
Surrogate: 1,2-Dichloroethane-d4		92.5 %	70-130	05/21/24	05/23/24	
Surrogate: Toluene-d8		107 %	70-130	05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2421070
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/25/24	
Surrogate: n-Nonane		113 %	50-200	05/22/24	05/25/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421082
Chloride	41.4	20.0	1	05/22/24	05/22/24	



## Sample Data

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

Project Name: Blue Krait 23-14 Federal 2H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/28/2024 4:11:09PM

## SW3

## E405235-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421061
Benzene	ND	0.0250	1	05/21/24	05/23/24	
Ethylbenzene	ND	0.0250	1	05/21/24	05/23/24	
Toluene	ND	0.0250	1	05/21/24	05/23/24	
o-Xylene	ND	0.0250	1	05/21/24	05/23/24	
p,m-Xylene	ND	0.0500	1	05/21/24	05/23/24	
Total Xylenes	ND	0.0250	1	05/21/24	05/23/24	
Surrogate: Bromofluorobenzene		111 %	70-130	05/21/24	05/23/24	
Surrogate: 1,2-Dichloroethane-d4		90.5 %	70-130	05/21/24	05/23/24	
Surrogate: Toluene-d8		107 %	70-130	05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421061
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/23/24	
Surrogate: Bromofluorobenzene		111 %	70-130	05/21/24	05/23/24	
Surrogate: 1,2-Dichloroethane-d4		90.5 %	70-130	05/21/24	05/23/24	
Surrogate: Toluene-d8		107 %	70-130	05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2421070
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/25/24	
Surrogate: n-Nonane		109 %	50-200	05/22/24	05/25/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421082
Chloride	21.2	20.0	1	05/22/24	05/22/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	Reported: 5/28/2024 4:11:09PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

SW4

E405235-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2421061	
Benzene	ND	0.0250	1	05/21/24	05/23/24	
Ethylbenzene	ND	0.0250	1	05/21/24	05/23/24	
Toluene	ND	0.0250	1	05/21/24	05/23/24	
o-Xylene	ND	0.0250	1	05/21/24	05/23/24	
p,m-Xylene	ND	0.0500	1	05/21/24	05/23/24	
Total Xylenes	ND	0.0250	1	05/21/24	05/23/24	
Surrogate: Bromofluorobenzene		112 %	70-130	05/21/24	05/23/24	
Surrogate: 1,2-Dichloroethane-d4		89.0 %	70-130	05/21/24	05/23/24	
Surrogate: Toluene-d8		107 %	70-130	05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2421061	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/23/24	
Surrogate: Bromofluorobenzene		112 %	70-130	05/21/24	05/23/24	
Surrogate: 1,2-Dichloroethane-d4		89.0 %	70-130	05/21/24	05/23/24	
Surrogate: Toluene-d8		107 %	70-130	05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2421070	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/25/24	
Surrogate: n-Nonane		112 %	50-200	05/22/24	05/25/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2421082	
Chloride	44.9	20.0	1	05/22/24	05/22/24	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	Reported:  5/28/2024 4:11:09PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2421061-BLK1) Prepared: 05/21/24 Analyzed: 05/23/24

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	0.557		0.500		111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.446		0.500		89.1	70-130			
Surrogate: Toluene-d8	0.529		0.500		106	70-130			

LCS (2421061-BS1) Prepared: 05/21/24 Analyzed: 05/23/24

Benzene	2.06	0.0250	2.50		82.4	70-130			
Ethylbenzene	2.29	0.0250	2.50		91.7	70-130			
Toluene	2.31	0.0250	2.50		92.3	70-130			
o-Xylene	2.46	0.0250	2.50		98.2	70-130			
p,m-Xylene	4.89	0.0500	5.00		97.9	70-130			
Total Xylenes	7.35	0.0250	7.50		98.0	70-130			
Surrogate: Bromofluorobenzene	0.564		0.500		113	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.458		0.500		91.6	70-130			
Surrogate: Toluene-d8	0.524		0.500		105	70-130			

LCS Dup (2421061-BSD1) Prepared: 05/21/24 Analyzed: 05/23/24

Benzene	2.04	0.0250	2.50		81.5	70-130	1.20	23	
Ethylbenzene	2.23	0.0250	2.50		89.4	70-130	2.54	27	
Toluene	2.24	0.0250	2.50		89.5	70-130	3.04	24	
o-Xylene	2.40	0.0250	2.50		96.1	70-130	2.20	27	
p,m-Xylene	4.74	0.0500	5.00		94.7	70-130	3.26	27	
Total Xylenes	7.14	0.0250	7.50		95.2	70-130	2.91	27	
Surrogate: Bromofluorobenzene	0.567		0.500		113	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.454		0.500		90.7	70-130			
Surrogate: Toluene-d8	0.527		0.500		105	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/28/2024 4:11:09PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

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

Blank (2421061-BLK1) Prepared: 05/21/24 Analyzed: 05/23/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.557		0.500		111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.446		0.500		89.1	70-130			
Surrogate: Toluene-d8	0.529		0.500		106	70-130			

LCS (2421061-BS2) Prepared: 05/21/24 Analyzed: 05/23/24

Gasoline Range Organics (C6-C10)	54.6	20.0	50.0		109	70-130			
Surrogate: Bromofluorobenzene	0.558		0.500		112	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.446		0.500		89.1	70-130			
Surrogate: Toluene-d8	0.531		0.500		106	70-130			

LCS Dup (2421061-BSD2) Prepared: 05/21/24 Analyzed: 05/23/24

Gasoline Range Organics (C6-C10)	53.3	20.0	50.0		107	70-130	2.43	20	
Surrogate: Bromofluorobenzene	0.551		0.500		110	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.461		0.500		92.1	70-130			
Surrogate: Toluene-d8	0.540		0.500		108	70-130			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/28/2024 4:11:09PM

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 (2421070-BLK1)					Prepared: 05/22/24 Analyzed: 05/24/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	53.4		50.0		107	50-200			

LCS (2421070-BS1)					Prepared: 05/22/24 Analyzed: 05/24/24				
Diesel Range Organics (C10-C28)	238	25.0	250		95.2	38-132			
Surrogate: n-Nonane	53.7		50.0		107	50-200			

LCS Dup (2421070-BSD1)					Prepared: 05/22/24 Analyzed: 05/24/24				
Diesel Range Organics (C10-C28)	254	25.0	250		102	38-132	6.62	20	
Surrogate: n-Nonane	53.6		50.0		107	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/28/2024 4:11:09PM

Anions by EPA 300.0/9056A

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 (2421082-BLK1)					Prepared: 05/22/24 Analyzed: 05/22/24				
Chloride	ND	20.0							
LCS (2421082-BS1)					Prepared: 05/22/24 Analyzed: 05/22/24				
Chloride	254	20.0	250		102	90-110			
LCS Dup (2421082-BSD1)					Prepared: 05/22/24 Analyzed: 05/22/24				
Chloride	254	20.0	250		102	90-110	0.0755	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:	Blue Krait 23-14 Federal 2H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	05/28/24 16:11

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

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 9

Client: Pima Environmental Services  
 Project: Blue Krait 23-14 Federal 2H  
 Project Manager: Glo Gomez  
 Address: 5614 N. Lovington Hwy.  
 City, State, Zip: Hobbs, NM, 88240  
 Phone: 804-782-1151  
 Email: glo@pimesoil.com  
 Report due by:

Bill To

Attention: Devon

Address:

City, State, Zip

Phone:

Email:

Pima Project # 309-1

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		DRO/ORG	GRG/DRG	BTEX by GC	VOC by GC	Metals GC	Chloride			SGDOC	SGDOC 1		Remarks
8:03	5/15	S		S1-1'	1									X			
8:06				S1-2'	2												
8:15				S1-3'	3												
8:22				S1-4'	4												
8:29				S2-1'	5												
8:33				S2-2'	6												
8:38				S2-3'	7												
8:46				S2-4'	8												
8:52				S3-1'	9												
9:00				S3-2'	10												

## Additional Instructions:

B# 21198860

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:

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 in subsequent days.

Relinquished by: (Signature) <u>Karine Arame</u>	Date <u>5-16-24</u>	Time <u>1315</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>5-16-24</u>	Time <u>1315</u>	Lab Use Only Received on ice: <u>Y / N</u> T1 _____ T2 _____ T3 _____ Avg Temp °C <u>4</u>
Relinquished by: (Signature) <u>[Signature]</u>	Date <u>5-16-24</u>	Time <u>1600</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>5-16-24</u>	Time <u>1830</u>	
Relinquished by: (Signature) <u>[Signature]</u>	Date <u>5-16-24</u>	Time <u>2400</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>05/17/24</u>	Time <u>10:33</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 2 of 9

Client: Pima Environmental Services  
 Project: Blue Trail 23-24 Federal 2H  
 Project Manager: Gio Gomez  
 Address: 5614 N. Lovington Hwy.  
 City, State, Zip: Hobbs, NM, 88240  
 Phone: 806-782-1151  
 Email: gio@pimaenv.com  
 Report due by:

BIN To

Attention: Devon

Address:

City, State, Zip

Phone:

Email:

Pima Project # 309-1

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID
9:11	5/15	S		S3-3'
9:17				S3-4'
9:22				S4-1'
9:30				S4-2'
9:38				S4-3'
9:46				S4-4'
9:55				SW1
10:06				SW2
10:17				SW3
10:28				SW4

## Additional Instructions:

B# 21198860

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

Sampled by:

Relinquished by: (Signature)	Date	Time
<i>Kevin Arame</i>	5.16.24	1315
Relinquished by: (Signature)	Date	Time
<i>CP</i>	5.16.24	1600
Relinquished by: (Signature)	Date	Time
<i>CP</i>	5.16.24	2400

Received by: (Signature)	Date	Time
<i>CP</i>	5.16.24	1315
Received by: (Signature)	Date	Time
<i>CP</i>	5.16.24	1830
Received by: (Signature)	Date	Time
<i>Kevin</i>	5.16.24	10:33

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 in subsequent days.

Lab Use Only  
 Received on ice: ☒ Y / ☐ N

T1 \_\_\_\_\_ T2 \_\_\_\_\_ T3 \_\_\_\_\_  
 AVG Temp °C 4

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

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



## Envirotech Analytical Laboratory

Printed: 5/17/2024 11:15:26AM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	05/17/24 10:33	Work Order ID:	E405235
Phone:	(575) 631-6977	Date Logged In:	05/16/24 17:08	Logged In By:	Alexa Michaels
Email:	gio@pimaoil.com	Due Date:	05/23/24 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? No
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/Resolution

Project Blue Krait 23-14 Federal 12H has been serarated into multiple workorders due to high sample volume. WOs are as follows: E405235 - E405238. No. of containers not provided on COC.

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:
 

Sample ID?	Yes
Date/Time Collected?	No
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.



Report to:  
Gio Gomez



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Blue Krait 23-14 Federal 2H

Work Order: E405236

Job Number: 01058-0007

Received: 5/17/2024

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
5/29/24

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 5/29/24

Gio Gomez  
PO Box 247  
Plains, TX 79355-0247



Project Name: Blue Krait 23-14 Federal 2H  
Workorder: E405236  
Date Received: 5/17/2024 10:33:08AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/17/2024 10:33:08AM, under the Project Name: Blue Krait 23-14 Federal 2H.

The analytical test results summarized in this report with the Project Name: Blue Krait 23-14 Federal 2H 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**  
Laboratory Technical Representative  
Office: 505-421-LABS(5227)  
Cell: 505-320-4759  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

**Michelle Golzaes**  
Client Representative  
Office: 505-421-LABS(5227)  
Cell: 505-947-8222  
[mgonzales@envirotech-inc.com](mailto:mgonzales@envirotech-inc.com)

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

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## Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	05/29/24 16:45

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S5-1'	E405236-01A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
S5-2'	E405236-02A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
S5-3'	E405236-03A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
S5-4'	E405236-04A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
S6-1'	E405236-05A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
S6-2'	E405236-06A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
S6-3'	E405236-07A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
S6-4'	E405236-08A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
S7-1'	E405236-09A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
S7-2'	E405236-10A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
S7-3'	E405236-11A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
S7-4	E405236-12A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
SW5	E405236-13A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
SW6	E405236-14A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
SW7	E405236-15A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
SW8	E405236-16A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
S8-1'	E405236-17A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
S8-2'	E405236-18A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
S8-3'	E405236-19A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
S8-4'	E405236-20A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.



## Sample Data

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

Project Name: Blue Krait 23-14 Federal 2H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/29/2024 4:45:31PM

S5-1'

E405236-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2421060	
Benzene	ND	0.0250	1	05/21/24	05/23/24	
Ethylbenzene	ND	0.0250	1	05/21/24	05/23/24	
Toluene	ND	0.0250	1	05/21/24	05/23/24	
o-Xylene	ND	0.0250	1	05/21/24	05/23/24	
p,m-Xylene	ND	0.0500	1	05/21/24	05/23/24	
Total Xylenes	ND	0.0250	1	05/21/24	05/23/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.4 %	70-130	05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2421060	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/23/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		98.8 %	70-130	05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2421071	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/26/24	
<i>Surrogate: n-Nonane</i>		98.5 %	50-200	05/22/24	05/26/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2421083	
Chloride	78.1	20.0	1	05/22/24	05/22/24	





## Sample Data

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

Project Name: Blue Krait 23-14 Federal 2H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/29/2024 4:45:31PM

S5-2'

E405236-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2421060	
Benzene	ND	0.0250	1	05/21/24	05/23/24	
Ethylbenzene	ND	0.0250	1	05/21/24	05/23/24	
Toluene	ND	0.0250	1	05/21/24	05/23/24	
o-Xylene	ND	0.0250	1	05/21/24	05/23/24	
p,m-Xylene	ND	0.0500	1	05/21/24	05/23/24	
Total Xylenes	ND	0.0250	1	05/21/24	05/23/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.3 %	70-130		05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2421060	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/23/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.4 %	70-130		05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2421071	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/26/24	
<i>Surrogate: n-Nonane</i>						
	95.0 %	50-200		05/22/24	05/26/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2421083	
Chloride	82.8	20.0	1	05/22/24	05/22/24	



## Sample Data

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

Project Name: Blue Krait 23-14 Federal 2H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/29/2024 4:45:31PM

S5-3'

E405236-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2421060	
Benzene	ND	0.0250	1	05/21/24	05/23/24	
Ethylbenzene	ND	0.0250	1	05/21/24	05/23/24	
Toluene	ND	0.0250	1	05/21/24	05/23/24	
o-Xylene	ND	0.0250	1	05/21/24	05/23/24	
p,m-Xylene	ND	0.0500	1	05/21/24	05/23/24	
Total Xylenes	ND	0.0250	1	05/21/24	05/23/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.8 %	70-130		05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2421060	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/23/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.9 %	70-130		05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2421071	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/26/24	
<i>Surrogate: n-Nonane</i>						
	97.4 %	50-200		05/22/24	05/26/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2421083	
Chloride	38.0	20.0	1	05/22/24	05/22/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Blue Krait 23-14 Federal 2H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 5/29/2024 4:45:31PM
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S5-4'

E405236-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2421060	
Benzene	ND	0.0250	1	05/21/24	05/23/24	
Ethylbenzene	ND	0.0250	1	05/21/24	05/23/24	
Toluene	ND	0.0250	1	05/21/24	05/23/24	
o-Xylene	ND	0.0250	1	05/21/24	05/23/24	
p,m-Xylene	ND	0.0500	1	05/21/24	05/23/24	
Total Xylenes	ND	0.0250	1	05/21/24	05/23/24	
Surrogate: 4-Bromochlorobenzene-PID	90.7 %	70-130		05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2421060	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	95.8 %	70-130		05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2421071	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/26/24	
Surrogate: n-Nonane	96.2 %	50-200		05/22/24	05/26/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2421083	
Chloride	59.2	20.0	1	05/22/24	05/22/24	





## Sample Data

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

Project Name: Blue Krait 23-14 Federal 2H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/29/2024 4:45:31PM

S6-1'

E405236-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2421060	
Benzene	ND	0.0250	1	05/21/24	05/23/24	
Ethylbenzene	ND	0.0250	1	05/21/24	05/23/24	
Toluene	ND	0.0250	1	05/21/24	05/23/24	
o-Xylene	ND	0.0250	1	05/21/24	05/23/24	
p,m-Xylene	ND	0.0500	1	05/21/24	05/23/24	
Total Xylenes	ND	0.0250	1	05/21/24	05/23/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.0 %	70-130		05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2421060	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/23/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.2 %	70-130		05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2421071	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/26/24	
<i>Surrogate: n-Nonane</i>						
	96.6 %	50-200		05/22/24	05/26/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2421083	
Chloride	69.6	20.0	1	05/22/24	05/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	<b>Reported:</b> 5/29/2024 4:45:31PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S6-2'

E405236-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2421060	
Benzene	ND	0.0250	1	05/21/24	05/23/24	
Ethylbenzene	ND	0.0250	1	05/21/24	05/23/24	
Toluene	ND	0.0250	1	05/21/24	05/23/24	
o-Xylene	ND	0.0250	1	05/21/24	05/23/24	
p,m-Xylene	ND	0.0500	1	05/21/24	05/23/24	
Total Xylenes	ND	0.0250	1	05/21/24	05/23/24	
Surrogate: 4-Bromochlorobenzene-PID	91.9 %	70-130		05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2421060	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	95.8 %	70-130		05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2421071	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/26/24	
Surrogate: n-Nonane	94.1 %	50-200		05/22/24	05/26/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2421083	
Chloride	39.3	20.0	1	05/22/24	05/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	<b>Reported:</b> 5/29/2024 4:45:31PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S6-3'

E405236-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2421060	
Benzene	ND	0.0250	1	05/21/24	05/23/24	
Ethylbenzene	ND	0.0250	1	05/21/24	05/23/24	
Toluene	ND	0.0250	1	05/21/24	05/23/24	
o-Xylene	ND	0.0250	1	05/21/24	05/23/24	
p,m-Xylene	ND	0.0500	1	05/21/24	05/23/24	
Total Xylenes	ND	0.0250	1	05/21/24	05/23/24	
Surrogate: 4-Bromochlorobenzene-PID	92.3 %	70-130		05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2421060	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	96.5 %	70-130		05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2421071	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/26/24	
Surrogate: n-Nonane	93.0 %	50-200		05/22/24	05/26/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2421083	
Chloride	45.6	20.0	1	05/22/24	05/22/24	



## Sample Data

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

Project Name: Blue Krait 23-14 Federal 2H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/29/2024 4:45:31PM

S6-4'

E405236-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2421060	
Benzene	ND	0.0250	1	05/21/24	05/23/24	
Ethylbenzene	ND	0.0250	1	05/21/24	05/23/24	
Toluene	ND	0.0250	1	05/21/24	05/23/24	
o-Xylene	ND	0.0250	1	05/21/24	05/23/24	
p,m-Xylene	ND	0.0500	1	05/21/24	05/23/24	
Total Xylenes	ND	0.0250	1	05/21/24	05/23/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.9 %	70-130		05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2421060	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/23/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.5 %	70-130		05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2421071	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/26/24	
<i>Surrogate: n-Nonane</i>						
	94.7 %	50-200		05/22/24	05/26/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2421083	
Chloride	34.1	20.0	1	05/22/24	05/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	<b>Reported:</b> 5/29/2024 4:45:31PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S7-1'

E405236-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2421060	
Benzene	ND	0.0250	1	05/21/24	05/23/24	
Ethylbenzene	ND	0.0250	1	05/21/24	05/23/24	
Toluene	ND	0.0250	1	05/21/24	05/23/24	
o-Xylene	ND	0.0250	1	05/21/24	05/23/24	
p,m-Xylene	ND	0.0500	1	05/21/24	05/23/24	
Total Xylenes	ND	0.0250	1	05/21/24	05/23/24	
Surrogate: 4-Bromochlorobenzene-PID	92.9 %	70-130		05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2421060	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	95.9 %	70-130		05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2421071	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/26/24	
Surrogate: n-Nonane	95.0 %	50-200		05/22/24	05/26/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2421083	
Chloride	60.2	20.0	1	05/22/24	05/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	<b>Reported:</b> 5/29/2024 4:45:31PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S7-2'

E405236-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2421060	
Benzene	ND	0.0250	1	05/21/24	05/23/24	
Ethylbenzene	ND	0.0250	1	05/21/24	05/23/24	
Toluene	ND	0.0250	1	05/21/24	05/23/24	
o-Xylene	ND	0.0250	1	05/21/24	05/23/24	
p,m-Xylene	ND	0.0500	1	05/21/24	05/23/24	
Total Xylenes	ND	0.0250	1	05/21/24	05/23/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.6 %	70-130		05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2421060	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/23/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.7 %	70-130		05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2421071	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/26/24	
<i>Surrogate: n-Nonane</i>						
	97.5 %	50-200		05/22/24	05/26/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2421083	
Chloride	61.5	20.0	1	05/22/24	05/22/24	





## Sample Data

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

Project Name: Blue Krait 23-14 Federal 2H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/29/2024 4:45:31PM

S7-3'

E405236-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2421060	
Benzene	ND	0.0250	1	05/21/24	05/23/24	
Ethylbenzene	ND	0.0250	1	05/21/24	05/23/24	
Toluene	ND	0.0250	1	05/21/24	05/23/24	
o-Xylene	ND	0.0250	1	05/21/24	05/23/24	
p,m-Xylene	ND	0.0500	1	05/21/24	05/23/24	
Total Xylenes	ND	0.0250	1	05/21/24	05/23/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.4 %	70-130		05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2421060	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/23/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.8 %	70-130		05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2421071	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/26/24	
<i>Surrogate: n-Nonane</i>						
	95.8 %	50-200		05/22/24	05/26/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2421083	
Chloride	89.7	20.0	1	05/22/24	05/22/24	



## Sample Data

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

Project Name: Blue Krait 23-14 Federal 2H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/29/2024 4:45:31PM

S7-4

E405236-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2421060	
Benzene	ND	0.0250	1	05/21/24	05/23/24	
Ethylbenzene	ND	0.0250	1	05/21/24	05/23/24	
Toluene	ND	0.0250	1	05/21/24	05/23/24	
o-Xylene	ND	0.0250	1	05/21/24	05/23/24	
p,m-Xylene	ND	0.0500	1	05/21/24	05/23/24	
Total Xylenes	ND	0.0250	1	05/21/24	05/23/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.3 %	70-130		05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2421060	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/23/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.2 %	70-130		05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2421071	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/26/24	
<i>Surrogate: n-Nonane</i>						
	94.4 %	50-200		05/22/24	05/26/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2421083	
Chloride	146	20.0	1	05/22/24	05/22/24	



## Sample Data

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

Project Name: Blue Krait 23-14 Federal 2H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/29/2024 4:45:31PM

## SW5

## E405236-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2421060	
Benzene	ND	0.0250	1	05/21/24	05/23/24	
Ethylbenzene	ND	0.0250	1	05/21/24	05/23/24	
Toluene	ND	0.0250	1	05/21/24	05/23/24	
o-Xylene	ND	0.0250	1	05/21/24	05/23/24	
p,m-Xylene	ND	0.0500	1	05/21/24	05/23/24	
Total Xylenes	ND	0.0250	1	05/21/24	05/23/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.9 %	70-130		05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2421060	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/23/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.3 %	70-130		05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2421071	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/26/24	
<i>Surrogate: n-Nonane</i>						
	96.5 %	50-200		05/22/24	05/26/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2421083	
Chloride	37.5	20.0	1	05/22/24	05/22/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	<b>Reported:</b> 5/29/2024 4:45:31PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

SW6

E405236-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2421060	
Benzene	ND	0.0250	1	05/21/24	05/23/24	
Ethylbenzene	ND	0.0250	1	05/21/24	05/23/24	
Toluene	ND	0.0250	1	05/21/24	05/23/24	
o-Xylene	ND	0.0250	1	05/21/24	05/23/24	
p,m-Xylene	ND	0.0500	1	05/21/24	05/23/24	
Total Xylenes	ND	0.0250	1	05/21/24	05/23/24	
Surrogate: 4-Bromochlorobenzene-PID	91.7 %	70-130		05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2421060	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	94.9 %	70-130		05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2421071	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/26/24	
Surrogate: n-Nonane	96.8 %	50-200		05/22/24	05/26/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2421083	
Chloride	44.7	20.0	1	05/22/24	05/22/24	



## Sample Data

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

Project Name: Blue Krait 23-14 Federal 2H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/29/2024 4:45:31PM

SW7

E405236-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2421060	
Benzene	ND	0.0250	1	05/21/24	05/23/24	
Ethylbenzene	ND	0.0250	1	05/21/24	05/23/24	
Toluene	ND	0.0250	1	05/21/24	05/23/24	
o-Xylene	ND	0.0250	1	05/21/24	05/23/24	
p,m-Xylene	ND	0.0500	1	05/21/24	05/23/24	
Total Xylenes	ND	0.0250	1	05/21/24	05/23/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.5 %	70-130		05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2421060	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/23/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.5 %	70-130		05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2421071	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/26/24	
<i>Surrogate: n-Nonane</i>						
	97.2 %	50-200		05/22/24	05/26/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2421083	
Chloride	35.3	20.0	1	05/22/24	05/23/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	<b>Reported:</b> 5/29/2024 4:45:31PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

SW8

E405236-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2421060	
Benzene	ND	0.0250	1	05/21/24	05/24/24	
Ethylbenzene	ND	0.0250	1	05/21/24	05/24/24	
Toluene	ND	0.0250	1	05/21/24	05/24/24	
o-Xylene	ND	0.0250	1	05/21/24	05/24/24	
p,m-Xylene	ND	0.0500	1	05/21/24	05/24/24	
Total Xylenes	ND	0.0250	1	05/21/24	05/24/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.6 %	70-130		05/21/24	05/24/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2421060	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/24/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.2 %	70-130		05/21/24	05/24/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2421071	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/26/24	
<i>Surrogate: n-Nonane</i>						
	93.5 %	50-200		05/22/24	05/26/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2421083	
Chloride	43.6	20.0	1	05/22/24	05/23/24	





## Sample Data

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

Project Name: Blue Krait 23-14 Federal 2H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/29/2024 4:45:31PM

S8-1'

E405236-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2421060	
Benzene	ND	0.0250	1	05/21/24	05/24/24	
Ethylbenzene	ND	0.0250	1	05/21/24	05/24/24	
Toluene	ND	0.0250	1	05/21/24	05/24/24	
o-Xylene	ND	0.0250	1	05/21/24	05/24/24	
p,m-Xylene	ND	0.0500	1	05/21/24	05/24/24	
Total Xylenes	ND	0.0250	1	05/21/24	05/24/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.7 %	70-130		05/21/24	05/24/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2421060	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/24/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.8 %	70-130		05/21/24	05/24/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2421071	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/26/24	
<i>Surrogate: n-Nonane</i>						
	81.3 %	50-200		05/22/24	05/26/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2421083	
Chloride	23.1	20.0	1	05/22/24	05/23/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	<b>Reported:</b> 5/29/2024 4:45:31PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S8-2'

E405236-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2421060	
Benzene	ND	0.0250	1	05/21/24	05/24/24	
Ethylbenzene	ND	0.0250	1	05/21/24	05/24/24	
Toluene	ND	0.0250	1	05/21/24	05/24/24	
o-Xylene	ND	0.0250	1	05/21/24	05/24/24	
p,m-Xylene	ND	0.0500	1	05/21/24	05/24/24	
Total Xylenes	ND	0.0250	1	05/21/24	05/24/24	
Surrogate: 4-Bromochlorobenzene-PID	94.3 %	70-130		05/21/24	05/24/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2421060	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/24/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	94.6 %	70-130		05/21/24	05/24/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2421071	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/26/24	
Surrogate: n-Nonane	91.7 %	50-200		05/22/24	05/26/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2421083	
Chloride	24.4	20.0	1	05/22/24	05/23/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	<b>Reported:</b> 5/29/2024 4:45:31PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S8-3'

E405236-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2421060	
Benzene	ND	0.0250	1	05/21/24	05/24/24	
Ethylbenzene	ND	0.0250	1	05/21/24	05/24/24	
Toluene	ND	0.0250	1	05/21/24	05/24/24	
o-Xylene	ND	0.0250	1	05/21/24	05/24/24	
p,m-Xylene	ND	0.0500	1	05/21/24	05/24/24	
Total Xylenes	ND	0.0250	1	05/21/24	05/24/24	
Surrogate: 4-Bromochlorobenzene-PID	94.1 %	70-130		05/21/24	05/24/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: EG		Batch: 2421060	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/24/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	93.9 %	70-130		05/21/24	05/24/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2421071	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/26/24	
Surrogate: n-Nonane	94.6 %	50-200		05/22/24	05/26/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2421083	
Chloride	ND	20.0	1	05/22/24	05/23/24	





## Sample Data

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

Project Name: Blue Krait 23-14 Federal 2H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/29/2024 4:45:31PM

S8-4'

E405236-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2421060	
Benzene	ND	0.0250	1	05/21/24	05/24/24	
Ethylbenzene	ND	0.0250	1	05/21/24	05/24/24	
Toluene	ND	0.0250	1	05/21/24	05/24/24	
o-Xylene	ND	0.0250	1	05/21/24	05/24/24	
p,m-Xylene	ND	0.0500	1	05/21/24	05/24/24	
Total Xylenes	ND	0.0250	1	05/21/24	05/24/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.1 %	70-130		05/21/24	05/24/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: EG		Batch: 2421060	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/24/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.8 %	70-130		05/21/24	05/24/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2421071	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/26/24	
<i>Surrogate: n-Nonane</i>						
	96.0 %	50-200		05/22/24	05/26/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2421083	
Chloride	145	20.0	1	05/22/24	05/23/24	



## QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/29/2024 4:45:31PM

## Volatile Organics by EPA 8021B

Analyst: EG

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 (2421060-BLK1)

Prepared: 05/21/24 Analyzed: 05/23/24

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.23		8.00		90.4	70-130			

## LCS (2421060-BS1)

Prepared: 05/21/24 Analyzed: 05/23/24

Benzene	5.05	0.0250	5.00		101	70-130			
Ethylbenzene	4.88	0.0250	5.00		97.5	70-130			
Toluene	4.97	0.0250	5.00		99.4	70-130			
o-Xylene	4.85	0.0250	5.00		97.0	70-130			
p,m-Xylene	9.90	0.0500	10.0		99.0	70-130			
Total Xylenes	14.1	0.0250	15.0		94.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.24		8.00		90.4	70-130			

## LCS Dup (2421060-BSD1)

Prepared: 05/21/24 Analyzed: 05/23/24

Benzene	5.02	0.0250	5.00		100	70-130	0.554	20	
Ethylbenzene	4.85	0.0250	5.00		97.0	70-130	0.553	20	
Toluene	4.94	0.0250	5.00		98.7	70-130	0.633	20	
o-Xylene	4.82	0.0250	5.00		96.3	70-130	0.677	20	
p,m-Xylene	9.84	0.0500	10.0		98.4	70-130	0.549	20	
Total Xylenes	14.7	0.0250	15.0		97.9	70-130	4.08	20	
Surrogate: 4-Bromochlorobenzene-PID	7.29		8.00		91.2	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/29/2024 4:45:31PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: EG

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 (2421060-BLK1) Prepared: 05/21/24 Analyzed: 05/23/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.66		8.00		95.7	70-130			

LCS (2421060-BS2) Prepared: 05/21/24 Analyzed: 05/23/24

Gasoline Range Organics (C6-C10)	53.1	20.0	50.0		106	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.68		8.00		96.0	70-130			

LCS Dup (2421060-BSD2) Prepared: 05/21/24 Analyzed: 05/23/24

Gasoline Range Organics (C6-C10)	54.3	20.0	50.0		109	70-130	2.22	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.82		8.00		97.7	70-130			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/29/2024 4:45:31PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

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 (2421071-BLK1) Prepared: 05/22/24 Analyzed: 05/25/24

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.6		50.0		99.3	50-200			

LCS (2421071-BS1) Prepared: 05/22/24 Analyzed: 05/25/24

Diesel Range Organics (C10-C28)	207	25.0	250		82.8	38-132			
Surrogate: n-Nonane	47.5		50.0		95.0	50-200			

LCS Dup (2421071-BSD1) Prepared: 05/22/24 Analyzed: 05/25/24

Diesel Range Organics (C10-C28)	224	25.0	250		89.7	38-132	8.04	20	
Surrogate: n-Nonane	48.0		50.0		96.0	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/29/2024 4:45:31PM

Anions by EPA 300.0/9056A

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 (2421083-BLK1)					Prepared: 05/22/24 Analyzed: 05/22/24				
Chloride	ND	20.0							
LCS (2421083-BS1)					Prepared: 05/22/24 Analyzed: 05/22/24				
Chloride	253	20.0	250		101	90-110			
LCS Dup (2421083-BSD1)					Prepared: 05/22/24 Analyzed: 05/22/24				
Chloride	251	20.0	250		101	90-110	0.824	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:	Blue Krait 23-14 Federal 2H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	05/29/24 16:45

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

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 4 of 9

Client: Pima Environmental Services  
 Project: Blue Kraft 23-24 Federal 2H  
 Project Manager: Glo Gomez  
 Address: 5614 N. Lovington Hwy.  
 City, State, Zip: Hobbs, NM, 88240  
 Phone: 806-782-1151  
 Email: glo@pimaenv.com  
 Report due by:

Attention: Devon  
 Address:  
 City, State, Zip:  
 Phone:  
 Email:  
 Pima Project # 309-1

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		DOC/DOC	GC/DOC	BTEX by 81	VOC by 82	Metals 60	Chloride 3			BDOC 1	BDOC 1		Remarks
12:02	5/15	S		57-3'	11									X			
12:16				57-4'	12												
12:19				SW5	13												
12:29				SW6	14												
12:33				SW7	15												
12:43				SW8	16												
12:50				58-1'	17												
1:03				58-2'	18												
1:17				58-3'	19												
1:20				58-4'	20												

## Additional Instructions:

BH 21198860

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

Sampled by:

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 in subsequent days.

Relinquished by: (Signature) <u>Urrine Adame</u>	Date <u>5-16-24</u>	Time <u>1315</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>5-16-24</u>	Time <u>1315</u>	Lab Use Only Received on ice: <u>Y/N</u> T1 _____ T2 _____ T3 _____ Avg Temp °C <u>4</u>
Relinquished by: (Signature) <u>[Signature]</u>	Date <u>5-16-24</u>	Time <u>1600</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>5-16-24</u>	Time <u>1830</u>	
Relinquished by: (Signature) <u>[Signature]</u>	Date <u>5-16-24</u>	Time <u>2400</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>05/17/24</u>	Time <u>10:13</u>	

Sample Matrix: S - Soil, SD - Solid, SG - Sludge, A - Aqueous, O - Other

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

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

## Envirotech Analytical Laboratory

Printed: 5/17/2024 2:03:45PM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	05/17/24 10:33	Work Order ID:	E405236
Phone:	(575) 631-6977	Date Logged In:	05/16/24 17:11	Logged In By:	Alexa Michaels
Email:	gio@pimaoil.com	Due Date:	05/23/24 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? No
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? No  
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

Project Blue Krait 23-14 Federal 12H has been serarated into multiple workorders due to high sample volume. WOs are as follows: E405235 - E405238. No. of containers not provided on COC..

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

Date



envirotech Inc.



Report to:  
Gio Gomez



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Blue Krait 23-14 Federal 2H

Work Order: E405237

Job Number: 01058-0007

Received: 5/17/2024

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
5/28/24

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 5/28/24

Gio Gomez  
PO Box 247  
Plains, TX 79355-0247



Project Name: Blue Krait 23-14 Federal 2H  
Workorder: E405237  
Date Received: 5/17/2024 10:33:08AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/17/2024 10:33:08AM, under the Project Name: Blue Krait 23-14 Federal 2H.

The analytical test results summarized in this report with the Project Name: Blue Krait 23-14 Federal 2H 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**  
Laboratory Technical Representative  
Office: 505-421-LABS(5227)  
Cell: 505-320-4759  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

**Michelle Golzales**  
Client Representative  
Office: 505-421-LABS(5227)  
Cell: 505-947-8222  
[mgonzales@envirotech-inc.com](mailto:mgonzales@envirotech-inc.com)

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



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## Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	05/28/24 15:13

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S9-1'	E405237-01A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
S9-2'	E405237-02A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
S9-3'	E405237-03A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
S9-4'	E405237-04A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
S10-1'	E405237-05A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
S10-2'	E405237-06A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
S10-3'	E405237-07A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
S10-4'	E405237-08A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
SW9	E405237-09A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
SW10	E405237-10A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
SW11	E405237-11A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
SW12	E405237-12A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
S11-1'	E405237-13A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
S11-2'	E405237-14A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
S11-3'	E405237-15A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
S11-4'	E405237-16A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
S12-1'	E405237-17A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
S12-2'	E405237-18A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
S12-3'	E405237-19A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
S12-4'	E405237-20A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.



## Sample Data

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

Project Name: Blue Krait 23-14 Federal 2H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/28/2024 3:13:37PM

S9-1'

E405237-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421062
Benzene	ND	0.0250	1	05/21/24	05/23/24	
Ethylbenzene	ND	0.0250	1	05/21/24	05/23/24	
Toluene	ND	0.0250	1	05/21/24	05/23/24	
o-Xylene	ND	0.0250	1	05/21/24	05/23/24	
p,m-Xylene	ND	0.0500	1	05/21/24	05/23/24	
Total Xylenes	ND	0.0250	1	05/21/24	05/23/24	
Surrogate: Bromofluorobenzene		101 %	70-130	05/21/24	05/23/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	05/21/24	05/23/24	
Surrogate: Toluene-d8		93.4 %	70-130	05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421062
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/23/24	
Surrogate: Bromofluorobenzene		101 %	70-130	05/21/24	05/23/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	05/21/24	05/23/24	
Surrogate: Toluene-d8		93.4 %	70-130	05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2421072
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/25/24	
Surrogate: n-Nonane		119 %	50-200	05/22/24	05/25/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421084
Chloride	39.1	20.0	1	05/22/24	05/22/24	





## Sample Data

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

Project Name: Blue Krait 23-14 Federal 2H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/28/2024 3:13:37PM

S9-2'

E405237-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421062
Benzene	ND	0.0250	1	05/21/24	05/23/24	
Ethylbenzene	ND	0.0250	1	05/21/24	05/23/24	
Toluene	ND	0.0250	1	05/21/24	05/23/24	
o-Xylene	ND	0.0250	1	05/21/24	05/23/24	
p,m-Xylene	ND	0.0500	1	05/21/24	05/23/24	
Total Xylenes	ND	0.0250	1	05/21/24	05/23/24	
Surrogate: Bromofluorobenzene	99.1 %	70-130		05/21/24	05/23/24	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		05/21/24	05/23/24	
Surrogate: Toluene-d8	94.0 %	70-130		05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421062
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/23/24	
Surrogate: Bromofluorobenzene	99.1 %	70-130		05/21/24	05/23/24	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		05/21/24	05/23/24	
Surrogate: Toluene-d8	94.0 %	70-130		05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2421072
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/25/24	
Surrogate: n-Nonane	117 %	50-200		05/22/24	05/25/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421084
Chloride	ND	20.0	1	05/22/24	05/22/24	



## Sample Data

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

Project Name: Blue Krait 23-14 Federal 2H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/28/2024 3:13:37PM

S9-3'

E405237-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421062
Benzene	ND	0.0250	1	05/21/24	05/23/24	
Ethylbenzene	ND	0.0250	1	05/21/24	05/23/24	
Toluene	ND	0.0250	1	05/21/24	05/23/24	
o-Xylene	ND	0.0250	1	05/21/24	05/23/24	
p,m-Xylene	ND	0.0500	1	05/21/24	05/23/24	
Total Xylenes	ND	0.0250	1	05/21/24	05/23/24	
Surrogate: Bromofluorobenzene	99.1 %	70-130		05/21/24	05/23/24	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		05/21/24	05/23/24	
Surrogate: Toluene-d8	94.0 %	70-130		05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421062
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/23/24	
Surrogate: Bromofluorobenzene	99.1 %	70-130		05/21/24	05/23/24	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		05/21/24	05/23/24	
Surrogate: Toluene-d8	94.0 %	70-130		05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2421072
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/25/24	
Surrogate: n-Nonane	118 %	50-200		05/22/24	05/25/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421084
Chloride	33.8	20.0	1	05/22/24	05/22/24	



## Sample Data

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

Project Name: Blue Krait 23-14 Federal 2H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/28/2024 3:13:37PM

S9-4'

E405237-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421062
Benzene	ND	0.0250	1	05/21/24	05/23/24	
Ethylbenzene	ND	0.0250	1	05/21/24	05/23/24	
Toluene	ND	0.0250	1	05/21/24	05/23/24	
o-Xylene	ND	0.0250	1	05/21/24	05/23/24	
p,m-Xylene	ND	0.0500	1	05/21/24	05/23/24	
Total Xylenes	ND	0.0250	1	05/21/24	05/23/24	
Surrogate: Bromofluorobenzene	98.1 %	70-130		05/21/24	05/23/24	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		05/21/24	05/23/24	
Surrogate: Toluene-d8	92.6 %	70-130		05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421062
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/23/24	
Surrogate: Bromofluorobenzene	98.1 %	70-130		05/21/24	05/23/24	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		05/21/24	05/23/24	
Surrogate: Toluene-d8	92.6 %	70-130		05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2421072
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/25/24	
Surrogate: n-Nonane	116 %	50-200		05/22/24	05/25/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421084
Chloride	31.9	20.0	1	05/22/24	05/22/24	



## Sample Data

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

Project Name: Blue Krait 23-14 Federal 2H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/28/2024 3:13:37PM

S10-1'

E405237-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421062
Benzene	ND	0.0250	1	05/21/24	05/23/24	
Ethylbenzene	ND	0.0250	1	05/21/24	05/23/24	
Toluene	ND	0.0250	1	05/21/24	05/23/24	
o-Xylene	ND	0.0250	1	05/21/24	05/23/24	
p,m-Xylene	ND	0.0500	1	05/21/24	05/23/24	
Total Xylenes	ND	0.0250	1	05/21/24	05/23/24	
Surrogate: Bromofluorobenzene	99.3 %	70-130		05/21/24	05/23/24	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		05/21/24	05/23/24	
Surrogate: Toluene-d8	93.6 %	70-130		05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421062
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/23/24	
Surrogate: Bromofluorobenzene	99.3 %	70-130		05/21/24	05/23/24	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		05/21/24	05/23/24	
Surrogate: Toluene-d8	93.6 %	70-130		05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2421072
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/25/24	
Surrogate: n-Nonane	117 %	50-200		05/22/24	05/25/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421084
Chloride	29.3	20.0	1	05/22/24	05/22/24	





## Sample Data

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

Project Name: Blue Krait 23-14 Federal 2H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/28/2024 3:13:37PM

S10-2'

E405237-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421062
Benzene	ND	0.0250	1	05/21/24	05/23/24	
Ethylbenzene	ND	0.0250	1	05/21/24	05/23/24	
Toluene	ND	0.0250	1	05/21/24	05/23/24	
o-Xylene	ND	0.0250	1	05/21/24	05/23/24	
p,m-Xylene	ND	0.0500	1	05/21/24	05/23/24	
Total Xylenes	ND	0.0250	1	05/21/24	05/23/24	
Surrogate: Bromofluorobenzene	98.5 %	70-130		05/21/24	05/23/24	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		05/21/24	05/23/24	
Surrogate: Toluene-d8	93.9 %	70-130		05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421062
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/23/24	
Surrogate: Bromofluorobenzene	98.5 %	70-130		05/21/24	05/23/24	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		05/21/24	05/23/24	
Surrogate: Toluene-d8	93.9 %	70-130		05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2421072
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/25/24	
Surrogate: n-Nonane	116 %	50-200		05/22/24	05/25/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421084
Chloride	41.7	20.0	1	05/22/24	05/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	Reported: 5/28/2024 3:13:37PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S10-3'

E405237-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421062
Benzene	ND	0.0250	1	05/21/24	05/23/24	
Ethylbenzene	ND	0.0250	1	05/21/24	05/23/24	
Toluene	ND	0.0250	1	05/21/24	05/23/24	
o-Xylene	ND	0.0250	1	05/21/24	05/23/24	
p,m-Xylene	ND	0.0500	1	05/21/24	05/23/24	
Total Xylenes	ND	0.0250	1	05/21/24	05/23/24	
Surrogate: Bromofluorobenzene	99.0 %	70-130		05/21/24	05/23/24	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		05/21/24	05/23/24	
Surrogate: Toluene-d8	93.9 %	70-130		05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421062
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/23/24	
Surrogate: Bromofluorobenzene	99.0 %	70-130		05/21/24	05/23/24	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		05/21/24	05/23/24	
Surrogate: Toluene-d8	93.9 %	70-130		05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2421072
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/25/24	
Surrogate: n-Nonane	111 %	50-200		05/22/24	05/25/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421084
Chloride	25.9	20.0	1	05/22/24	05/22/24	



## Sample Data

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

Project Name: Blue Krait 23-14 Federal 2H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/28/2024 3:13:37PM

S10-4'

E405237-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421062
Benzene	ND	0.0250	1	05/21/24	05/23/24	
Ethylbenzene	ND	0.0250	1	05/21/24	05/23/24	
Toluene	ND	0.0250	1	05/21/24	05/23/24	
o-Xylene	ND	0.0250	1	05/21/24	05/23/24	
p,m-Xylene	ND	0.0500	1	05/21/24	05/23/24	
Total Xylenes	ND	0.0250	1	05/21/24	05/23/24	
Surrogate: Bromofluorobenzene		100 %	70-130	05/21/24	05/23/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	05/21/24	05/23/24	
Surrogate: Toluene-d8		93.8 %	70-130	05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421062
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/23/24	
Surrogate: Bromofluorobenzene		100 %	70-130	05/21/24	05/23/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	05/21/24	05/23/24	
Surrogate: Toluene-d8		93.8 %	70-130	05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2421072
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/25/24	
Surrogate: n-Nonane		116 %	50-200	05/22/24	05/25/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421084
Chloride	28.5	20.0	1	05/22/24	05/22/24	



## Sample Data

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

Project Name: Blue Krait 23-14 Federal 2H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/28/2024 3:13:37PM

## SW9

## E405237-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421062
Benzene	ND	0.0250	1	05/21/24	05/23/24	
Ethylbenzene	ND	0.0250	1	05/21/24	05/23/24	
Toluene	ND	0.0250	1	05/21/24	05/23/24	
o-Xylene	ND	0.0250	1	05/21/24	05/23/24	
p,m-Xylene	ND	0.0500	1	05/21/24	05/23/24	
Total Xylenes	ND	0.0250	1	05/21/24	05/23/24	
Surrogate: Bromofluorobenzene	98.4 %	70-130		05/21/24	05/23/24	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		05/21/24	05/23/24	
Surrogate: Toluene-d8	93.5 %	70-130		05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421062
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/23/24	
Surrogate: Bromofluorobenzene	98.4 %	70-130		05/21/24	05/23/24	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		05/21/24	05/23/24	
Surrogate: Toluene-d8	93.5 %	70-130		05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2421072
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/25/24	
Surrogate: n-Nonane	116 %	50-200		05/22/24	05/25/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421084
Chloride	48.2	20.0	1	05/22/24	05/22/24	





## Sample Data

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

Project Name: Blue Krait 23-14 Federal 2H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/28/2024 3:13:37PM

## SW10

## E405237-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421062
Benzene	ND	0.0250	1	05/21/24	05/23/24	
Ethylbenzene	ND	0.0250	1	05/21/24	05/23/24	
Toluene	ND	0.0250	1	05/21/24	05/23/24	
o-Xylene	ND	0.0250	1	05/21/24	05/23/24	
p,m-Xylene	ND	0.0500	1	05/21/24	05/23/24	
Total Xylenes	ND	0.0250	1	05/21/24	05/23/24	
Surrogate: Bromofluorobenzene	99.6 %	70-130		05/21/24	05/23/24	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		05/21/24	05/23/24	
Surrogate: Toluene-d8	93.9 %	70-130		05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421062
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/23/24	
Surrogate: Bromofluorobenzene	99.6 %	70-130		05/21/24	05/23/24	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		05/21/24	05/23/24	
Surrogate: Toluene-d8	93.9 %	70-130		05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2421072
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/25/24	
Surrogate: n-Nonane	113 %	50-200		05/22/24	05/25/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421084
Chloride	42.6	20.0	1	05/22/24	05/22/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Blue Krait 23-14 Federal 2H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 5/28/2024 3:13:37PM
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SW11

E405237-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421062
Benzene	ND	0.0250	1	05/21/24	05/23/24	
Ethylbenzene	ND	0.0250	1	05/21/24	05/23/24	
Toluene	ND	0.0250	1	05/21/24	05/23/24	
o-Xylene	ND	0.0250	1	05/21/24	05/23/24	
p,m-Xylene	ND	0.0500	1	05/21/24	05/23/24	
Total Xylenes	ND	0.0250	1	05/21/24	05/23/24	
Surrogate: Bromofluorobenzene	98.8 %	70-130		05/21/24	05/23/24	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		05/21/24	05/23/24	
Surrogate: Toluene-d8	92.9 %	70-130		05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421062
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/23/24	
Surrogate: Bromofluorobenzene	98.8 %	70-130		05/21/24	05/23/24	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		05/21/24	05/23/24	
Surrogate: Toluene-d8	92.9 %	70-130		05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2421072
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/25/24	
Surrogate: n-Nonane	115 %	50-200		05/22/24	05/25/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421084
Chloride	34.0	20.0	1	05/22/24	05/22/24	



## Sample Data

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

Project Name: Blue Krait 23-14 Federal 2H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/28/2024 3:13:37PM

## SW12

## E405237-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421062
Benzene	ND	0.0250	1	05/21/24	05/23/24	
Ethylbenzene	ND	0.0250	1	05/21/24	05/23/24	
Toluene	ND	0.0250	1	05/21/24	05/23/24	
o-Xylene	ND	0.0250	1	05/21/24	05/23/24	
p,m-Xylene	ND	0.0500	1	05/21/24	05/23/24	
Total Xylenes	ND	0.0250	1	05/21/24	05/23/24	
Surrogate: Bromofluorobenzene	99.2 %	70-130		05/21/24	05/23/24	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		05/21/24	05/23/24	
Surrogate: Toluene-d8	93.1 %	70-130		05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421062
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/23/24	
Surrogate: Bromofluorobenzene	99.2 %	70-130		05/21/24	05/23/24	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		05/21/24	05/23/24	
Surrogate: Toluene-d8	93.1 %	70-130		05/21/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2421072
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/25/24	
Surrogate: n-Nonane	113 %	50-200		05/22/24	05/25/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421084
Chloride	27.3	20.0	1	05/22/24	05/22/24	



## Sample Data

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

Project Name: Blue Krait 23-14 Federal 2H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/28/2024 3:13:37PM

S11-1'

E405237-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421062
Benzene	ND	0.0250	1	05/21/24	05/24/24	
Ethylbenzene	ND	0.0250	1	05/21/24	05/24/24	
Toluene	ND	0.0250	1	05/21/24	05/24/24	
o-Xylene	ND	0.0250	1	05/21/24	05/24/24	
p,m-Xylene	ND	0.0500	1	05/21/24	05/24/24	
Total Xylenes	ND	0.0250	1	05/21/24	05/24/24	
Surrogate: Bromofluorobenzene	99.5 %	70-130		05/21/24	05/24/24	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		05/21/24	05/24/24	
Surrogate: Toluene-d8	93.3 %	70-130		05/21/24	05/24/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421062
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/24/24	
Surrogate: Bromofluorobenzene	99.5 %	70-130		05/21/24	05/24/24	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		05/21/24	05/24/24	
Surrogate: Toluene-d8	93.3 %	70-130		05/21/24	05/24/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2421072
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/25/24	
Surrogate: n-Nonane	109 %	50-200		05/22/24	05/25/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421084
Chloride	46.5	20.0	1	05/22/24	05/22/24	





## Sample Data

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

Project Name: Blue Krait 23-14 Federal 2H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/28/2024 3:13:37PM

S11-2'

E405237-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421062
Benzene	ND	0.0250	1	05/21/24	05/24/24	
Ethylbenzene	ND	0.0250	1	05/21/24	05/24/24	
Toluene	ND	0.0250	1	05/21/24	05/24/24	
o-Xylene	ND	0.0250	1	05/21/24	05/24/24	
p,m-Xylene	ND	0.0500	1	05/21/24	05/24/24	
Total Xylenes	ND	0.0250	1	05/21/24	05/24/24	
Surrogate: Bromofluorobenzene		101 %	70-130	05/21/24	05/24/24	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130	05/21/24	05/24/24	
Surrogate: Toluene-d8		93.4 %	70-130	05/21/24	05/24/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421062
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/24/24	
Surrogate: Bromofluorobenzene		101 %	70-130	05/21/24	05/24/24	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130	05/21/24	05/24/24	
Surrogate: Toluene-d8		93.4 %	70-130	05/21/24	05/24/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2421072
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/25/24	
Surrogate: n-Nonane		112 %	50-200	05/22/24	05/25/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421084
Chloride	38.9	20.0	1	05/22/24	05/22/24	



## Sample Data

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

Project Name: Blue Krait 23-14 Federal 2H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/28/2024 3:13:37PM

S11-3'

E405237-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421062
Benzene	ND	0.0250	1	05/21/24	05/24/24	
Ethylbenzene	ND	0.0250	1	05/21/24	05/24/24	
Toluene	ND	0.0250	1	05/21/24	05/24/24	
o-Xylene	ND	0.0250	1	05/21/24	05/24/24	
p,m-Xylene	ND	0.0500	1	05/21/24	05/24/24	
Total Xylenes	ND	0.0250	1	05/21/24	05/24/24	
Surrogate: Bromofluorobenzene	98.8 %	70-130		05/21/24	05/24/24	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		05/21/24	05/24/24	
Surrogate: Toluene-d8	93.2 %	70-130		05/21/24	05/24/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421062
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/24/24	
Surrogate: Bromofluorobenzene	98.8 %	70-130		05/21/24	05/24/24	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		05/21/24	05/24/24	
Surrogate: Toluene-d8	93.2 %	70-130		05/21/24	05/24/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2421072
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/25/24	
Surrogate: n-Nonane	114 %	50-200		05/22/24	05/25/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421084
Chloride	36.8	20.0	1	05/22/24	05/22/24	



## Sample Data

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

Project Name: Blue Krait 23-14 Federal 2H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/28/2024 3:13:37PM

S11-4'

E405237-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421062
Benzene	ND	0.0250	1	05/21/24	05/24/24	
Ethylbenzene	ND	0.0250	1	05/21/24	05/24/24	
Toluene	ND	0.0250	1	05/21/24	05/24/24	
o-Xylene	ND	0.0250	1	05/21/24	05/24/24	
p,m-Xylene	ND	0.0500	1	05/21/24	05/24/24	
Total Xylenes	ND	0.0250	1	05/21/24	05/24/24	
Surrogate: Bromofluorobenzene	98.6 %	70-130		05/21/24	05/24/24	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		05/21/24	05/24/24	
Surrogate: Toluene-d8	91.7 %	70-130		05/21/24	05/24/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421062
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/24/24	
Surrogate: Bromofluorobenzene	98.6 %	70-130		05/21/24	05/24/24	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		05/21/24	05/24/24	
Surrogate: Toluene-d8	91.7 %	70-130		05/21/24	05/24/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2421072
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/25/24	
Surrogate: n-Nonane	116 %	50-200		05/22/24	05/25/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421084
Chloride	37.9	20.0	1	05/22/24	05/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	Reported: 5/28/2024 3:13:37PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S12-1'

E405237-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421062
Benzene	ND	0.0250	1	05/21/24	05/24/24	
Ethylbenzene	ND	0.0250	1	05/21/24	05/24/24	
Toluene	ND	0.0250	1	05/21/24	05/24/24	
o-Xylene	ND	0.0250	1	05/21/24	05/24/24	
p,m-Xylene	ND	0.0500	1	05/21/24	05/24/24	
Total Xylenes	ND	0.0250	1	05/21/24	05/24/24	
Surrogate: Bromofluorobenzene	97.6 %	70-130		05/21/24	05/24/24	
Surrogate: 1,2-Dichloroethane-d4	108 %	70-130		05/21/24	05/24/24	
Surrogate: Toluene-d8	92.7 %	70-130		05/21/24	05/24/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421062
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/24/24	
Surrogate: Bromofluorobenzene	97.6 %	70-130		05/21/24	05/24/24	
Surrogate: 1,2-Dichloroethane-d4	108 %	70-130		05/21/24	05/24/24	
Surrogate: Toluene-d8	92.7 %	70-130		05/21/24	05/24/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2421072
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/25/24	
Surrogate: n-Nonane	112 %	50-200		05/22/24	05/25/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421084
Chloride	47.8	20.0	1	05/22/24	05/22/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	<b>Reported:</b> 5/28/2024 3:13:37PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S12-2'

E405237-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421062
Benzene	ND	0.0250	1	05/21/24	05/24/24	
Ethylbenzene	ND	0.0250	1	05/21/24	05/24/24	
Toluene	ND	0.0250	1	05/21/24	05/24/24	
o-Xylene	ND	0.0250	1	05/21/24	05/24/24	
p,m-Xylene	ND	0.0500	1	05/21/24	05/24/24	
Total Xylenes	ND	0.0250	1	05/21/24	05/24/24	
Surrogate: Bromofluorobenzene	98.2 %	70-130		05/21/24	05/24/24	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		05/21/24	05/24/24	
Surrogate: Toluene-d8	93.2 %	70-130		05/21/24	05/24/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421062
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/24/24	
Surrogate: Bromofluorobenzene	98.2 %	70-130		05/21/24	05/24/24	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		05/21/24	05/24/24	
Surrogate: Toluene-d8	93.2 %	70-130		05/21/24	05/24/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2421072
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/25/24	
Surrogate: n-Nonane	114 %	50-200		05/22/24	05/25/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421084
Chloride	39.4	20.0	1	05/22/24	05/22/24	



## Sample Data

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

Project Name: Blue Krait 23-14 Federal 2H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/28/2024 3:13:37PM

S12-3'

E405237-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421062
Benzene	ND	0.0250	1	05/21/24	05/24/24	
Ethylbenzene	ND	0.0250	1	05/21/24	05/24/24	
Toluene	ND	0.0250	1	05/21/24	05/24/24	
o-Xylene	ND	0.0250	1	05/21/24	05/24/24	
p,m-Xylene	ND	0.0500	1	05/21/24	05/24/24	
Total Xylenes	ND	0.0250	1	05/21/24	05/24/24	
Surrogate: Bromofluorobenzene	98.1 %	70-130		05/21/24	05/24/24	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		05/21/24	05/24/24	
Surrogate: Toluene-d8	92.6 %	70-130		05/21/24	05/24/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421062
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/24/24	
Surrogate: Bromofluorobenzene	98.1 %	70-130		05/21/24	05/24/24	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		05/21/24	05/24/24	
Surrogate: Toluene-d8	92.6 %	70-130		05/21/24	05/24/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2421072
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/25/24	
Surrogate: n-Nonane	115 %	50-200		05/22/24	05/25/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421084
Chloride	41.9	20.0	1	05/22/24	05/22/24	



## Sample Data

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

Project Name: Blue Krait 23-14 Federal 2H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/28/2024 3:13:37PM

S12-4'

E405237-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421062
Benzene	ND	0.0250	1	05/21/24	05/24/24	
Ethylbenzene	ND	0.0250	1	05/21/24	05/24/24	
Toluene	ND	0.0250	1	05/21/24	05/24/24	
o-Xylene	ND	0.0250	1	05/21/24	05/24/24	
p,m-Xylene	ND	0.0500	1	05/21/24	05/24/24	
Total Xylenes	ND	0.0250	1	05/21/24	05/24/24	
Surrogate: Bromofluorobenzene	98.0 %	70-130		05/21/24	05/24/24	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		05/21/24	05/24/24	
Surrogate: Toluene-d8	92.6 %	70-130		05/21/24	05/24/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421062
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/24/24	
Surrogate: Bromofluorobenzene	98.0 %	70-130		05/21/24	05/24/24	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		05/21/24	05/24/24	
Surrogate: Toluene-d8	92.6 %	70-130		05/21/24	05/24/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2421072
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/25/24	
Surrogate: n-Nonane	112 %	50-200		05/22/24	05/25/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421084
Chloride	42.8	20.0	1	05/22/24	05/22/24	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	Reported:  5/28/2024 3:13:37PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2421062-BLK1) Prepared: 05/21/24 Analyzed: 05/23/24

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	0.495		0.500		98.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.515		0.500		103	70-130			
Surrogate: Toluene-d8	0.466		0.500		93.1	70-130			

LCS (2421062-BS1) Prepared: 05/21/24 Analyzed: 05/23/24

Benzene	2.80	0.0250	2.50		112	70-130			
Ethylbenzene	2.51	0.0250	2.50		101	70-130			
Toluene	2.42	0.0250	2.50		96.7	70-130			
o-Xylene	2.49	0.0250	2.50		99.4	70-130			
p,m-Xylene	4.80	0.0500	5.00		95.9	70-130			
Total Xylenes	7.28	0.0250	7.50		97.1	70-130			
Surrogate: Bromofluorobenzene	0.503		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.488		0.500		97.6	70-130			
Surrogate: Toluene-d8	0.476		0.500		95.1	70-130			

LCS Dup (2421062-BSD1) Prepared: 05/21/24 Analyzed: 05/23/24

Benzene	2.95	0.0250	2.50		118	70-130	5.24	23	
Ethylbenzene	2.65	0.0250	2.50		106	70-130	5.12	27	
Toluene	2.54	0.0250	2.50		102	70-130	4.94	24	
o-Xylene	2.63	0.0250	2.50		105	70-130	5.63	27	
p,m-Xylene	5.10	0.0500	5.00		102	70-130	6.14	27	
Total Xylenes	7.73	0.0250	7.50		103	70-130	5.97	27	
Surrogate: Bromofluorobenzene	0.498		0.500		99.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.499		0.500		99.7	70-130			
Surrogate: Toluene-d8	0.475		0.500		95.0	70-130			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/28/2024 3:13:37PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

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

Blank (2421062-BLK1) Prepared: 05/21/24 Analyzed: 05/23/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.495		0.500		98.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.515		0.500		103	70-130			
Surrogate: Toluene-d8	0.466		0.500		93.1	70-130			

LCS (2421062-BS2) Prepared: 05/21/24 Analyzed: 05/23/24

Gasoline Range Organics (C6-C10)	48.4	20.0	50.0		96.9	70-130			
Surrogate: Bromofluorobenzene	0.513		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.509		0.500		102	70-130			
Surrogate: Toluene-d8	0.473		0.500		94.5	70-130			

LCS Dup (2421062-BSD2) Prepared: 05/21/24 Analyzed: 05/23/24

Gasoline Range Organics (C6-C10)	48.7	20.0	50.0		97.5	70-130	0.657	20	
Surrogate: Bromofluorobenzene	0.504		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.504		0.500		101	70-130			
Surrogate: Toluene-d8	0.475		0.500		94.9	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/28/2024 3:13:37PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

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 (2421072-BLK1)					Prepared: 05/22/24 Analyzed: 05/24/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	58.7		50.0		117	50-200			

LCS (2421072-BS1)					Prepared: 05/22/24 Analyzed: 05/24/24				
Diesel Range Organics (C10-C28)	253	25.0	250		101	38-132			
Surrogate: n-Nonane	58.1		50.0		116	50-200			

LCS Dup (2421072-BSD1)					Prepared: 05/22/24 Analyzed: 05/25/24				
Diesel Range Organics (C10-C28)	251	25.0	250		100	38-132	0.877	20	
Surrogate: n-Nonane	56.5		50.0		113	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/28/2024 3:13:37PM

Anions by EPA 300.0/9056A

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 (2421084-BLK1)					Prepared: 05/22/24 Analyzed: 05/22/24				
Chloride	ND	20.0							
LCS (2421084-BS1)					Prepared: 05/22/24 Analyzed: 05/22/24				
Chloride	251	20.0	250		100	90-110			
LCS Dup (2421084-BSD1)					Prepared: 05/22/24 Analyzed: 05/22/24				
Chloride	251	20.0	250		101	90-110	0.0852	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:	Blue Krait 23-14 Federal 2H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	05/28/24 15:13

- ND Analyte NOT DETECTED at or above the reporting limit
  - NR Not Reported
  - RPD Relative Percent Difference
  - DNI Did Not Ignite
  - DNR Did not react with the addition of acid or base.
- 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 5 of 9

Client: Pima Environmental Services  
 Project: Blue Krait 23-24 Federal 2H  
 Project Manager: Glo Gomez  
 Address: 5614 N. Lovington Hwy.  
 City, State, Zip: Hobbs, NM, 88240  
 Phone: 806-782-1151  
 Email: glo@holmaoff.com  
 Report due by:

Bill To  
 Attention: Devon

Address:

City, State, Zip

Phone:

Email:

Pima Project # 309-1

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Analysis and Method										TAT		EPA Program		Remarks
					STC by 8015	STC by 8015	STC by 8015	VOC by 8250	Metals 6010	Chloride 300.0	NO <sub>3</sub> by 8015	NO <sub>2</sub> by 8015	TX	TX	1D	2D	3D	Standard	
1:28	5/15	S		S9-1'															
1:30				S9-2'															
1:46				S9-3'															
1:51				S9-4'															
2:00				S10-1'															
2:11				S10-2'															
2:17				S10-3'															
2:21				S10-4'															
2:30				SW <sup>9</sup>															
2:39				SW <sup>10</sup>															

## Additional Instructions:

BH# 21198860

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

Sampled by:

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 in subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only Received on ice: <u>Y / N</u>
<u>Karine Adams</u>	<u>5-14-24</u>	<u>1315</u>	<u>CP</u>	<u>5-14-24</u>	<u>1315</u>	
<u>[Signature]</u>	<u>5-14-24</u>	<u>1600</u>	<u>[Signature]</u>	<u>5-16-24</u>	<u>1830</u>	
<u>[Signature]</u>	<u>5-16-24</u>	<u>2400</u>	<u>[Signature]</u>	<u>5-17-24</u>	<u>10:33</u>	AVG Temp °C <u>4</u>

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

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

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



### Chain of Custody



## Envirotech Analytical Laboratory

Printed: 5/17/2024 2:16:58PM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	05/17/24 10:33	Work Order ID:	E405237
Phone:	(575) 631-6977	Date Logged In:	05/16/24 17:19	Logged In By:	Alexa Michaels
Email:	gio@pimaoil.com	Due Date:	05/23/24 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? No
  5. Were all samples received within holding time? Yes
- Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: Courier**Comments/Resolution**

Project Blue Krait 23-14 Federal 12H has been serarated into multiple workorders due to high sample volume. WOs are as follows: E405235 - E405238. No. of containers not provided on COC..

**Sample Turn Around Time (TAT)**

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

**Sample Cooler**

7. Was a sample cooler received? Yes
  8. If yes, was cooler received in good condition? Yes
  9. Was the sample(s) received intact, i.e., not broken? Yes
  10. Were custody/security seals present? No
  11. If yes, were custody/security seals intact? NA
  12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes
- Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

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

**Sample Container**

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

**Field Label**

20. Were field sample labels filled out with the minimum information:
 

Sample ID?	Yes
Date/Time Collected?	No
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.



Report to:  
Gio Gomez



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Blue Krait 23-14 Federal 2H

Work Order: E405238

Job Number: 01058-0007

Received: 5/17/2024

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
5/29/24

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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



Date Reported: 5/29/24

Gio Gomez  
PO Box 247  
Plains, TX 79355-0247



Project Name: Blue Krait 23-14 Federal 2H  
Workorder: E405238  
Date Received: 5/17/2024 10:33:08AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/17/2024 10:33:08AM, under the Project Name: Blue Krait 23-14 Federal 2H.

The analytical test results summarized in this report with the Project Name: Blue Krait 23-14 Federal 2H 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**  
Laboratory Technical Representative  
Office: 505-421-LABS(5227)  
Cell: 505-320-4759  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

**Michelle Golzaes**  
Client Representative  
Office: 505-421-LABS(5227)  
Cell: 505-947-8222  
[mgonzales@envirotech-inc.com](mailto:mgonzales@envirotech-inc.com)

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

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## Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	05/29/24 11:58

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S13-1'	E405238-01A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
S13-2'	E405238-02A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
S13-3'	E405238-03A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
S13-4'	E405238-04A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
SW13	E405238-05A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
SW14	E405238-06A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
SW15	E405238-07A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
SW16	E405238-08A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
S14-1'	E405238-09A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
S14-2'	E405238-10A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
S14-3'	E405238-11A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
S14-4'	E405238-12A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
S15-1'	E405238-13A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
S15-2'	E405238-14A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
S15-3'	E405238-15A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
S15-4'	E405238-16A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
S16-1'	E405238-17A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
S16-2'	E405238-18A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
S16-3'	E405238-19A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
S16-4'	E405238-20A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
SW17	E405238-21A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
SW18	E405238-22A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
SW19	E405238-23A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
SW20	E405238-24A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.





## Sample Data

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

Project Name: Blue Krait 23-14 Federal 2H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/29/2024 11:58:37AM

### S13-1' E405238-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2421088
Benzene	ND	0.0250	1	05/22/24	05/23/24	
Ethylbenzene	ND	0.0250	1	05/22/24	05/23/24	
Toluene	ND	0.0250	1	05/22/24	05/23/24	
o-Xylene	ND	0.0250	1	05/22/24	05/23/24	
p,m-Xylene	ND	0.0500	1	05/22/24	05/23/24	
Total Xylenes	ND	0.0250	1	05/22/24	05/23/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.9 %	70-130	05/22/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2421088
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/24	05/23/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		109 %	70-130	05/22/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2421073
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/24/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/24/24	
<i>Surrogate: n-Nonane</i>		117 %	50-200	05/22/24	05/24/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2421091
Chloride	44.9	20.0	1	05/22/24	05/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	<b>Reported:</b> 5/29/2024 11:58:37AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S13-2'

E405238-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2421088	
Benzene	ND	0.0250	1	05/22/24	05/23/24	
Ethylbenzene	ND	0.0250	1	05/22/24	05/23/24	
Toluene	ND	0.0250	1	05/22/24	05/23/24	
o-Xylene	ND	0.0250	1	05/22/24	05/23/24	
p,m-Xylene	ND	0.0500	1	05/22/24	05/23/24	
Total Xylenes	ND	0.0250	1	05/22/24	05/23/24	
Surrogate: 4-Bromochlorobenzene-PID	93.5 %	70-130		05/22/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2421088	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/24	05/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	108 %	70-130		05/22/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2421073	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/25/24	
Surrogate: n-Nonane	110 %	50-200		05/22/24	05/25/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2421091	
Chloride	42.0	20.0	1	05/22/24	05/22/24	



## Sample Data

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

Project Name: Blue Krait 23-14 Federal 2H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/29/2024 11:58:37AM

S13-3'

E405238-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421088
Benzene	ND	0.0250	1	05/22/24	05/23/24	
Ethylbenzene	ND	0.0250	1	05/22/24	05/23/24	
Toluene	ND	0.0250	1	05/22/24	05/23/24	
o-Xylene	ND	0.0250	1	05/22/24	05/23/24	
p,m-Xylene	ND	0.0500	1	05/22/24	05/23/24	
Total Xylenes	ND	0.0250	1	05/22/24	05/23/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.0 %	70-130		05/22/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421088
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/24	05/23/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	107 %	70-130		05/22/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2421073
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/25/24	
<i>Surrogate: n-Nonane</i>						
	109 %	50-200		05/22/24	05/25/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421091
Chloride	44.5	20.0	1	05/22/24	05/22/24	



## Sample Data

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

Project Name: Blue Krait 23-14 Federal 2H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/29/2024 11:58:37AM

S13-4'

E405238-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421088
Benzene	ND	0.0250	1	05/22/24	05/23/24	
Ethylbenzene	ND	0.0250	1	05/22/24	05/23/24	
Toluene	ND	0.0250	1	05/22/24	05/23/24	
o-Xylene	ND	0.0250	1	05/22/24	05/23/24	
p,m-Xylene	ND	0.0500	1	05/22/24	05/23/24	
Total Xylenes	ND	0.0250	1	05/22/24	05/23/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.5 %	70-130		05/22/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421088
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/24	05/23/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	108 %	70-130		05/22/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2421073
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/25/24	
<i>Surrogate: n-Nonane</i>						
	111 %	50-200		05/22/24	05/25/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421091
Chloride	41.8	20.0	1	05/22/24	05/22/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	<b>Reported:</b> 5/29/2024 11:58:37AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

SW13

E405238-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2421088	
Benzene	ND	0.0250	1	05/22/24	05/23/24	
Ethylbenzene	ND	0.0250	1	05/22/24	05/23/24	
Toluene	ND	0.0250	1	05/22/24	05/23/24	
o-Xylene	ND	0.0250	1	05/22/24	05/23/24	
p,m-Xylene	ND	0.0500	1	05/22/24	05/23/24	
Total Xylenes	ND	0.0250	1	05/22/24	05/23/24	
Surrogate: 4-Bromochlorobenzene-PID	93.0 %	70-130		05/22/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2421088	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/24	05/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	108 %	70-130		05/22/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2421073	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/25/24	
Surrogate: n-Nonane	107 %	50-200		05/22/24	05/25/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2421091	
Chloride	36.5	20.0	1	05/22/24	05/22/24	



## Sample Data

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

Project Name: Blue Krait 23-14 Federal 2H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/29/2024 11:58:37AM

## SW14

## E405238-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421088
Benzene	ND	0.0250	1	05/22/24	05/23/24	
Ethylbenzene	ND	0.0250	1	05/22/24	05/23/24	
Toluene	ND	0.0250	1	05/22/24	05/23/24	
o-Xylene	ND	0.0250	1	05/22/24	05/23/24	
p,m-Xylene	ND	0.0500	1	05/22/24	05/23/24	
Total Xylenes	ND	0.0250	1	05/22/24	05/23/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		93.7 %	70-130	05/22/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421088
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/24	05/23/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		107 %	70-130	05/22/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2421073
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/25/24	
<i>Surrogate: n-Nonane</i>						
		109 %	50-200	05/22/24	05/25/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421091
Chloride	38.7	20.0	1	05/22/24	05/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	<b>Reported:</b> 5/29/2024 11:58:37AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

SW15

E405238-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2421088	
Benzene	ND	0.0250	1	05/22/24	05/23/24	
Ethylbenzene	ND	0.0250	1	05/22/24	05/23/24	
Toluene	ND	0.0250	1	05/22/24	05/23/24	
o-Xylene	ND	0.0250	1	05/22/24	05/23/24	
p,m-Xylene	ND	0.0500	1	05/22/24	05/23/24	
Total Xylenes	ND	0.0250	1	05/22/24	05/23/24	
Surrogate: 4-Bromochlorobenzene-PID	94.0 %	70-130		05/22/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2421088	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/24	05/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	106 %	70-130		05/22/24	05/23/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2421073	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/25/24	
Surrogate: n-Nonane	106 %	50-200		05/22/24	05/25/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2421091	
Chloride	38.3	20.0	1	05/22/24	05/22/24	

## Sample Data

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

Project Name: Blue Krait 23-14 Federal 2H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/29/2024 11:58:37AM

## SW16

## E405238-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2421088	
Benzene	ND	0.0250	1	05/22/24	05/24/24	
Ethylbenzene	ND	0.0250	1	05/22/24	05/24/24	
Toluene	ND	0.0250	1	05/22/24	05/24/24	
o-Xylene	ND	0.0250	1	05/22/24	05/24/24	
p,m-Xylene	ND	0.0500	1	05/22/24	05/24/24	
Total Xylenes	ND	0.0250	1	05/22/24	05/24/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.1 %	70-130		05/22/24	05/24/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2421088	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/24	05/24/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	108 %	70-130		05/22/24	05/24/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2421073	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/25/24	
<i>Surrogate: n-Nonane</i>						
	103 %	50-200		05/22/24	05/25/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2421091	
Chloride	38.2	20.0	1	05/22/24	05/22/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	<b>Reported:</b> 5/29/2024 11:58:37AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S14-1'

E405238-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2421088	
Benzene	ND	0.0250	1	05/22/24	05/24/24	
Ethylbenzene	ND	0.0250	1	05/22/24	05/24/24	
Toluene	ND	0.0250	1	05/22/24	05/24/24	
o-Xylene	ND	0.0250	1	05/22/24	05/24/24	
p,m-Xylene	ND	0.0500	1	05/22/24	05/24/24	
Total Xylenes	ND	0.0250	1	05/22/24	05/24/24	
Surrogate: 4-Bromochlorobenzene-PID	93.6 %	70-130		05/22/24	05/24/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2421088	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/24	05/24/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	106 %	70-130		05/22/24	05/24/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2421073	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/25/24	
Surrogate: n-Nonane	106 %	50-200		05/22/24	05/25/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2421091	
Chloride	59.7	20.0	1	05/22/24	05/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	<b>Reported:</b> 5/29/2024 11:58:37AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S14-2'

E405238-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2421088	
Benzene	ND	0.0250	1	05/22/24	05/24/24	
Ethylbenzene	ND	0.0250	1	05/22/24	05/24/24	
Toluene	ND	0.0250	1	05/22/24	05/24/24	
o-Xylene	ND	0.0250	1	05/22/24	05/24/24	
p,m-Xylene	ND	0.0500	1	05/22/24	05/24/24	
Total Xylenes	ND	0.0250	1	05/22/24	05/24/24	
Surrogate: 4-Bromochlorobenzene-PID	94.1 %	70-130		05/22/24	05/24/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2421088	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/24	05/24/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	106 %	70-130		05/22/24	05/24/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2421073	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/25/24	
Surrogate: n-Nonane	110 %	50-200		05/22/24	05/25/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2421091	
Chloride	67.2	20.0	1	05/22/24	05/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	<b>Reported:</b> 5/29/2024 11:58:37AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S14-3'

E405238-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2421088	
Benzene	ND	0.0250	1	05/22/24	05/24/24	
Ethylbenzene	ND	0.0250	1	05/22/24	05/24/24	
Toluene	ND	0.0250	1	05/22/24	05/24/24	
o-Xylene	ND	0.0250	1	05/22/24	05/24/24	
p,m-Xylene	ND	0.0500	1	05/22/24	05/24/24	
Total Xylenes	ND	0.0250	1	05/22/24	05/24/24	
Surrogate: 4-Bromochlorobenzene-PID	93.0 %	70-130		05/22/24	05/24/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2421088	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/24	05/24/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	107 %	70-130		05/22/24	05/24/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2421073	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/25/24	
Surrogate: n-Nonane	107 %	50-200		05/22/24	05/25/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2421091	
Chloride	51.4	20.0	1	05/22/24	05/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	<b>Reported:</b> 5/29/2024 11:58:37AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S14-4'

E405238-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2421088	
Benzene	ND	0.0250	1	05/22/24	05/24/24	
Ethylbenzene	ND	0.0250	1	05/22/24	05/24/24	
Toluene	ND	0.0250	1	05/22/24	05/24/24	
o-Xylene	ND	0.0250	1	05/22/24	05/24/24	
p,m-Xylene	ND	0.0500	1	05/22/24	05/24/24	
Total Xylenes	ND	0.0250	1	05/22/24	05/24/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.6 %	70-130		05/22/24	05/24/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2421088	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/24	05/24/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	107 %	70-130		05/22/24	05/24/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2421073	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/25/24	
<i>Surrogate: n-Nonane</i>						
	103 %	50-200		05/22/24	05/25/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2421091	
Chloride	42.0	20.0	1	05/22/24	05/22/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	<b>Reported:</b> 5/29/2024 11:58:37AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S15-1'

E405238-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2421088	
Benzene	ND	0.0250	1	05/22/24	05/24/24	
Ethylbenzene	ND	0.0250	1	05/22/24	05/24/24	
Toluene	ND	0.0250	1	05/22/24	05/24/24	
o-Xylene	ND	0.0250	1	05/22/24	05/24/24	
p,m-Xylene	ND	0.0500	1	05/22/24	05/24/24	
Total Xylenes	ND	0.0250	1	05/22/24	05/24/24	
Surrogate: 4-Bromochlorobenzene-PID	92.4 %	70-130		05/22/24	05/24/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2421088	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/24	05/24/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	108 %	70-130		05/22/24	05/24/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2421073	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/25/24	
Surrogate: n-Nonane	98.9 %	50-200		05/22/24	05/25/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2421091	
Chloride	95.3	20.0	1	05/22/24	05/22/24	



## Sample Data

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

Project Name: Blue Krait 23-14 Federal 2H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/29/2024 11:58:37AM

S15-2'

E405238-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421088
Benzene	ND	0.0250	1	05/22/24	05/24/24	
Ethylbenzene	ND	0.0250	1	05/22/24	05/24/24	
Toluene	ND	0.0250	1	05/22/24	05/24/24	
o-Xylene	ND	0.0250	1	05/22/24	05/24/24	
p,m-Xylene	ND	0.0500	1	05/22/24	05/24/24	
Total Xylenes	ND	0.0250	1	05/22/24	05/24/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		92.9 %	70-130	05/22/24	05/24/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2421088
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/24	05/24/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		107 %	70-130	05/22/24	05/24/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2421073
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/25/24	
<i>Surrogate: n-Nonane</i>						
		106 %	50-200	05/22/24	05/25/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421091
Chloride	88.0	20.0	1	05/22/24	05/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	<b>Reported:</b> 5/29/2024 11:58:37AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S15-3'

E405238-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2421088	
Benzene	ND	0.0250	1	05/22/24	05/24/24	
Ethylbenzene	ND	0.0250	1	05/22/24	05/24/24	
Toluene	ND	0.0250	1	05/22/24	05/24/24	
o-Xylene	ND	0.0250	1	05/22/24	05/24/24	
p,m-Xylene	ND	0.0500	1	05/22/24	05/24/24	
Total Xylenes	ND	0.0250	1	05/22/24	05/24/24	
Surrogate: 4-Bromochlorobenzene-PID	91.5 %	70-130		05/22/24	05/24/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2421088	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/24	05/24/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	107 %	70-130		05/22/24	05/24/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2421073	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/25/24	
Surrogate: n-Nonane	105 %	50-200		05/22/24	05/25/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2421091	
Chloride	81.0	20.0	1	05/22/24	05/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	<b>Reported:</b> 5/29/2024 11:58:37AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S15-4'

E405238-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2421088	
Benzene	ND	0.0250	1	05/22/24	05/24/24	
Ethylbenzene	ND	0.0250	1	05/22/24	05/24/24	
Toluene	ND	0.0250	1	05/22/24	05/24/24	
o-Xylene	ND	0.0250	1	05/22/24	05/24/24	
p,m-Xylene	ND	0.0500	1	05/22/24	05/24/24	
Total Xylenes	ND	0.0250	1	05/22/24	05/24/24	
Surrogate: 4-Bromochlorobenzene-PID	89.1 %	70-130		05/22/24	05/24/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2421088	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/24	05/24/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	107 %	70-130		05/22/24	05/24/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2421073	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/25/24	
Surrogate: n-Nonane	108 %	50-200		05/22/24	05/25/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2421091	
Chloride	61.4	20.0	1	05/22/24	05/22/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	<b>Reported:</b> 5/29/2024 11:58:37AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S16-1'

E405238-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2421088	
Benzene	ND	0.0250	1	05/22/24	05/24/24	
Ethylbenzene	ND	0.0250	1	05/22/24	05/24/24	
Toluene	ND	0.0250	1	05/22/24	05/24/24	
o-Xylene	ND	0.0250	1	05/22/24	05/24/24	
p,m-Xylene	ND	0.0500	1	05/22/24	05/24/24	
Total Xylenes	ND	0.0250	1	05/22/24	05/24/24	
Surrogate: 4-Bromochlorobenzene-PID	91.4 %	70-130		05/22/24	05/24/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2421088	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/24	05/24/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	108 %	70-130		05/22/24	05/24/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2421073	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/25/24	
Surrogate: n-Nonane	110 %	50-200		05/22/24	05/25/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2421091	
Chloride	79.5	20.0	1	05/22/24	05/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	<b>Reported:</b> 5/29/2024 11:58:37AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S16-2'

E405238-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2421088	
Benzene	ND	0.0250	1	05/22/24	05/24/24	
Ethylbenzene	ND	0.0250	1	05/22/24	05/24/24	
Toluene	ND	0.0250	1	05/22/24	05/24/24	
o-Xylene	ND	0.0250	1	05/22/24	05/24/24	
p,m-Xylene	ND	0.0500	1	05/22/24	05/24/24	
Total Xylenes	ND	0.0250	1	05/22/24	05/24/24	
Surrogate: 4-Bromochlorobenzene-PID	92.0 %	70-130		05/22/24	05/24/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2421088	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/24	05/24/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	107 %	70-130		05/22/24	05/24/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2421073	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/25/24	
Surrogate: n-Nonane	105 %	50-200		05/22/24	05/25/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2421091	
Chloride	74.6	20.0	1	05/22/24	05/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	<b>Reported:</b> 5/29/2024 11:58:37AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S16-3'

E405238-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2421088	
Benzene	ND	0.0250	1	05/22/24	05/24/24	
Ethylbenzene	ND	0.0250	1	05/22/24	05/24/24	
Toluene	ND	0.0250	1	05/22/24	05/24/24	
o-Xylene	ND	0.0250	1	05/22/24	05/24/24	
p,m-Xylene	ND	0.0500	1	05/22/24	05/24/24	
Total Xylenes	ND	0.0250	1	05/22/24	05/24/24	
Surrogate: 4-Bromochlorobenzene-PID	93.3 %	70-130		05/22/24	05/24/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2421088	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/24	05/24/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	107 %	70-130		05/22/24	05/24/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2421073	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/25/24	
Surrogate: n-Nonane	108 %	50-200		05/22/24	05/25/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2421091	
Chloride	90.0	20.0	1	05/22/24	05/22/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	<b>Reported:</b> 5/29/2024 11:58:37AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S16-4'

E405238-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2421088	
Benzene	ND	0.0250	1	05/22/24	05/24/24	
Ethylbenzene	ND	0.0250	1	05/22/24	05/24/24	
Toluene	ND	0.0250	1	05/22/24	05/24/24	
o-Xylene	ND	0.0250	1	05/22/24	05/24/24	
p,m-Xylene	ND	0.0500	1	05/22/24	05/24/24	
Total Xylenes	ND	0.0250	1	05/22/24	05/24/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.5 %	70-130		05/22/24	05/24/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2421088	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/24	05/24/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	109 %	70-130		05/22/24	05/24/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2421073	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/25/24	
<i>Surrogate: n-Nonane</i>						
	97.9 %	50-200		05/22/24	05/25/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2421091	
Chloride	79.1	20.0	1	05/22/24	05/22/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	<b>Reported:</b> 5/29/2024 11:58:37AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

SW17

E405238-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2421092	
Benzene	ND	0.0250	1	05/22/24	05/24/24	
Ethylbenzene	ND	0.0250	1	05/22/24	05/24/24	
Toluene	ND	0.0250	1	05/22/24	05/24/24	
o-Xylene	ND	0.0250	1	05/22/24	05/24/24	
p,m-Xylene	ND	0.0500	1	05/22/24	05/24/24	
Total Xylenes	ND	0.0250	1	05/22/24	05/24/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.7 %	70-130		05/22/24	05/24/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2421092	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/24	05/24/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	110 %	70-130		05/22/24	05/24/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2421074	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/25/24	
<i>Surrogate: n-Nonane</i>						
	107 %	50-200		05/22/24	05/25/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2421090	
Chloride	45.8	20.0	1	05/22/24	05/23/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	<b>Reported:</b> 5/29/2024 11:58:37AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

SW18

E405238-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2421092	
Benzene	ND	0.0250	1	05/22/24	05/24/24	
Ethylbenzene	ND	0.0250	1	05/22/24	05/24/24	
Toluene	ND	0.0250	1	05/22/24	05/24/24	
o-Xylene	ND	0.0250	1	05/22/24	05/24/24	
p,m-Xylene	ND	0.0500	1	05/22/24	05/24/24	
Total Xylenes	ND	0.0250	1	05/22/24	05/24/24	
Surrogate: 4-Bromochlorobenzene-PID	91.1 %	70-130		05/22/24	05/24/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2421092	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/24	05/24/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	109 %	70-130		05/22/24	05/24/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2421074	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/25/24	
Surrogate: n-Nonane	102 %	50-200		05/22/24	05/25/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2421090	
Chloride	43.2	20.0	1	05/22/24	05/23/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Blue Krait 23-14 Federal 2H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 5/29/2024 11:58:37AM
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SW19

E405238-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2421092	
Benzene	ND	0.0250	1	05/22/24	05/24/24	
Ethylbenzene	ND	0.0250	1	05/22/24	05/24/24	
Toluene	ND	0.0250	1	05/22/24	05/24/24	
o-Xylene	ND	0.0250	1	05/22/24	05/24/24	
p,m-Xylene	ND	0.0500	1	05/22/24	05/24/24	
Total Xylenes	ND	0.0250	1	05/22/24	05/24/24	
Surrogate: 4-Bromochlorobenzene-PID	91.1 %	70-130		05/22/24	05/24/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2421092	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/24	05/24/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	109 %	70-130		05/22/24	05/24/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2421074	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/25/24	
Surrogate: n-Nonane	98.2 %	50-200		05/22/24	05/25/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2421090	
Chloride	39.7	20.0	1	05/22/24	05/23/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Blue Krait 23-14 Federal 2H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 5/29/2024 11:58:37AM
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SW20

E405238-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2421092	
Benzene	ND	0.0250	1	05/22/24	05/24/24	
Ethylbenzene	ND	0.0250	1	05/22/24	05/24/24	
Toluene	ND	0.0250	1	05/22/24	05/24/24	
o-Xylene	ND	0.0250	1	05/22/24	05/24/24	
p,m-Xylene	ND	0.0500	1	05/22/24	05/24/24	
Total Xylenes	ND	0.0250	1	05/22/24	05/24/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.7 %	70-130		05/22/24	05/24/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2421092	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/24	05/24/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	108 %	70-130		05/22/24	05/24/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2421074	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	05/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/25/24	
<i>Surrogate: n-Nonane</i>						
	102 %	50-200		05/22/24	05/25/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2421090	
Chloride	47.9	20.0	1	05/22/24	05/23/24	





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/29/2024 11:58:37AM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2421088-BLK1)

Prepared: 05/22/24 Analyzed: 05/23/24

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.35		8.00		91.8	70-130			

LCS (2421088-BS1)

Prepared: 05/22/24 Analyzed: 05/23/24

Benzene	4.69	0.0250	5.00		93.8	70-130			
Ethylbenzene	4.42	0.0250	5.00		88.3	70-130			
Toluene	4.61	0.0250	5.00		92.3	70-130			
o-Xylene	4.49	0.0250	5.00		89.8	70-130			
p,m-Xylene	9.10	0.0500	10.0		91.0	70-130			
Total Xylenes	13.6	0.0250	15.0		90.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.34		8.00		91.7	70-130			

LCS Dup (2421088-BSD1)

Prepared: 05/22/24 Analyzed: 05/23/24

Benzene	5.51	0.0250	5.00		110	70-130	16.1	20	
Ethylbenzene	5.20	0.0250	5.00		104	70-130	16.4	20	
Toluene	5.43	0.0250	5.00		109	70-130	16.3	20	
o-Xylene	5.29	0.0250	5.00		106	70-130	16.4	20	
p,m-Xylene	10.7	0.0500	10.0		107	70-130	16.2	20	
Total Xylenes	16.0	0.0250	15.0		107	70-130	16.3	20	
Surrogate: 4-Bromochlorobenzene-PID	7.38		8.00		92.2	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/29/2024 11:58:37AM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2421092-BLK1)

Prepared: 05/22/24 Analyzed: 05/24/24

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.65		8.00		95.6	70-130			

LCS (2421092-BS1)

Prepared: 05/22/24 Analyzed: 05/24/24

Benzene	5.26	0.0250	5.00		105	70-130			
Ethylbenzene	4.94	0.0250	5.00		98.8	70-130			
Toluene	5.18	0.0250	5.00		104	70-130			
o-Xylene	5.07	0.0250	5.00		101	70-130			
p,m-Xylene	10.2	0.0500	10.0		102	70-130			
Total Xylenes	15.2	0.0250	15.0		101	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.73		8.00		96.6	70-130			

LCS Dup (2421092-BSD1)

Prepared: 05/22/24 Analyzed: 05/24/24

Benzene	5.63	0.0250	5.00		113	70-130	6.67	20	
Ethylbenzene	5.27	0.0250	5.00		105	70-130	6.48	20	
Toluene	5.53	0.0250	5.00		111	70-130	6.53	20	
o-Xylene	5.40	0.0250	5.00		108	70-130	6.31	20	
p,m-Xylene	10.8	0.0500	10.0		108	70-130	6.20	20	
Total Xylenes	16.2	0.0250	15.0		108	70-130	6.24	20	
Surrogate: 4-Bromochlorobenzene-PID	7.33		8.00		91.6	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/29/2024 11:58:37AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2421088-BLK1)					Prepared: 05/22/24 Analyzed: 05/23/24				
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.63		8.00		108	70-130			

LCS (2421088-BS2)					Prepared: 05/22/24 Analyzed: 05/28/24				
Gasoline Range Organics (C6-C10)	54.2	20.0	50.0		108	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.78		8.00		110	70-130			

LCS Dup (2421088-BSD2)					Prepared: 05/22/24 Analyzed: 05/23/24				
Gasoline Range Organics (C6-C10)	54.7	20.0	50.0		109	70-130	0.956	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.55		8.00		107	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/29/2024 11:58:37AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2421092-BLK1) Prepared: 05/22/24 Analyzed: 05/24/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.44		8.00		106	70-130			

LCS (2421092-BS2) Prepared: 05/22/24 Analyzed: 05/24/24

Gasoline Range Organics (C6-C10)	41.6	20.0	50.0		83.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.79		8.00		110	70-130			

LCS Dup (2421092-BSD2) Prepared: 05/22/24 Analyzed: 05/24/24

Gasoline Range Organics (C6-C10)	43.4	20.0	50.0		86.7	70-130	4.09	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.93		8.00		112	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/29/2024 11:58:37AM

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 (2421073-BLK1)					Prepared: 05/22/24 Analyzed: 05/24/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	55.9		50.0		112	50-200			

LCS (2421073-BS1)					Prepared: 05/22/24 Analyzed: 05/24/24				
Diesel Range Organics (C10-C28)	239	25.0	250		95.8	38-132			
Surrogate: n-Nonane	55.1		50.0		110	50-200			

LCS Dup (2421073-BSD1)					Prepared: 05/22/24 Analyzed: 05/24/24				
Diesel Range Organics (C10-C28)	239	25.0	250		95.6	38-132	0.197	20	
Surrogate: n-Nonane	55.9		50.0		112	50-200			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/29/2024 11:58:37AM

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 (2421074-BLK1) Prepared: 05/22/24 Analyzed: 05/25/24

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	54.5		50.0		109	50-200			

LCS (2421074-BS1) Prepared: 05/22/24 Analyzed: 05/25/24

Diesel Range Organics (C10-C28)	251	25.0	250		100	38-132			
Surrogate: n-Nonane	53.6		50.0		107	50-200			

LCS Dup (2421074-BSD1) Prepared: 05/22/24 Analyzed: 05/25/24

Diesel Range Organics (C10-C28)	263	25.0	250		105	38-132	4.66	20	
Surrogate: n-Nonane	54.1		50.0		108	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/29/2024 11:58:37AM

Anions by EPA 300.0/9056A

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 (2421090-BLK1)					Prepared: 05/22/24 Analyzed: 05/22/24				
Chloride	ND	20.0							
LCS (2421090-BS1)					Prepared: 05/22/24 Analyzed: 05/22/24				
Chloride	255	20.0	250		102	90-110			
LCS Dup (2421090-BSD1)					Prepared: 05/22/24 Analyzed: 05/23/24				
Chloride	256	20.0	250		103	90-110	0.387	20	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/29/2024 11:58:37AM

Anions by EPA 300.0/9056A

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 (2421091-BLK1)					Prepared: 05/22/24 Analyzed: 05/22/24				
Chloride	ND	20.0							
LCS (2421091-BS1)					Prepared: 05/22/24 Analyzed: 05/22/24				
Chloride	254	20.0	250		101	90-110			
LCS Dup (2421091-BSD1)					Prepared: 05/22/24 Analyzed: 05/22/24				
Chloride	255	20.0	250		102	90-110	0.570	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:	Blue Krait 23-14 Federal 2H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	05/29/24 11:58

- ND Analyte NOT DETECTED at or above the reporting limit
  - NR Not Reported
  - RPD Relative Percent Difference
  - DNI Did Not Ignite
  - DNR Did not react with the addition of acid or base.
- 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 7 of 9

Client: Pima Environmental Services  
 Project: Blue Krait 23-24 Federal ZH  
 Project Manager: Glo Gomez  
 Address: 5614 N. Lovington Hwy.  
 City, State, Zip: Hobbs, NM, 88240  
 Phone: 800-782-1161  
 Email: glo@pimesoil.com  
 Report due by:

Bill To

Attention: Devon

Address:

City, State, Zip

Phone:

Email:

Pima Project # 309-1

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Sample	Analysis and Method										TAT		EPA Program	
						DRUG/DO	GRU/DO	BTX by 80	VOC by 825	Metals 6010	Chloride 30	MM	TX	Standard	CWA	SDWA	RCRA	State	
3:30	5/15	S		S13-1'	1														
3:36				S13-2'	2														
3:42				S13-3'	3														
3:50				S13-4'	4														
3:56				SW13	5														
4:00				SW14	6														
4:11				SW15	7														
4:18				SW16	8														
4:25				S14-1'	9														
4:30				S14-2'	10														
Additional Instructions: 24 2100500																			

## Additional Instructions:

B# 21198860

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

Sampled by:

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
<u>Kerime Arame</u>	5-16-24	1315	<u>C. P. Arame</u>	5-16-24	1315
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
<u>C. P. Arame</u>	5-16-24	1600	<u>C. P. Arame</u>	5-16-24	1830
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
<u>C. P. Arame</u>	5-16-24	2400	<u>C. P. Arame</u>	5-17-24	10:33

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 in subsequent days.

Lab Use Only  
 Received on ice: Y / N

T1 \_\_\_\_\_ T2 \_\_\_\_\_ T3 \_\_\_\_\_

Avg Temp °C 4

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

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

 **envirotech**



## Project Information

## Chain of Custody

Page 8 of 9

Client: Pima Environmental Services  
 Project: Blue Krait 23-24 Federal 12H  
 Project Manager: Glo Gomez  
 Address: 5614 N. Lovington Hwy.  
 City, State, Zip: Hobbs, NM, 88240  
 Phone: 800-782-1151  
 Email: glo@holmsoli.com  
 Report due by:

Bill To

Attention: Devon

Address:

City, State, Zip

Phone:

Email:

Pima Project # 309-1

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Analysis and Method										TAT		EPA Program		Remarks
					5105 by ORO/DO	5105 by ORO/DO	BTX by 8021	VOC by 8260	Metals 5010	Chloride 300.0		BGOC NM	BGOC TX		1D	2D	3D	Standard	
4:36	5/15	S		314-3'								X							
4:41				314-4'															
4:49				315-1'															
4:56				315-2'															
5:06				315-3'															
5:11				315-4'															
5:20				316-1'															
5:23				316-2'															
5:30				316-3'															
5:31				316-4'															

## Additional Instructions:

B# 2198860

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

Sampled by:

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 in subsequent days.

Relinquished by: (Signature) <u>Kerine Adams</u>	Date <u>5-16-24</u>	Time <u>1315</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>5-16-24</u>	Time <u>1315</u>
Relinquished by: (Signature) <u>[Signature]</u>	Date <u>5-16-24</u>	Time <u>1600</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>5-16-24</u>	Time <u>1830</u>
Relinquished by: (Signature) <u>[Signature]</u>	Date <u>5-16-24</u>	Time <u>2400</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>05/17/24</u>	Time <u>10:33</u>

Lab Use Only

Received on Ice: Y / NT1        T2        T3       AVG Temp °C 4

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

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

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







## Envirotech Analytical Laboratory

Printed: 5/17/2024 2:25:08PM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	05/17/24 10:33	Work Order ID:	E405238
Phone:	(575) 631-6977	Date Logged In:	05/16/24 17:21	Logged In By:	Alexa Michaels
Email:	gio@pimaoil.com	Due Date:	05/23/24 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? No
  5. Were all samples received within holding time? Yes
- Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: Courier**Comments/Resolution**

Project Blue Krait 23-14 Federal 12H has been serarated into multiple workorders due to high sample volume. WOs are as follows: E405235 - E405238. No. of containers not provided on COC..

**Sample Turn Around Time (TAT)**

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

**Sample Cooler**

7. Was a sample cooler received? Yes
  8. If yes, was cooler received in good condition? Yes
  9. Was the sample(s) received intact, i.e., not broken? Yes
  10. Were custody/security seals present? No
  11. If yes, were custody/security seals intact? NA
  12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes
- Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

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

**Sample Container**

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

**Field Label**

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



Report to:  
Gio Gomez



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Blue Krait 23-14 Federal 2H

Work Order: E411106

Job Number: 01058-0007

Received: 11/12/2024

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
11/12/24

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: 11/12/24

Gio Gomez  
PO Box 247  
Plains, TX 79355-0247



Project Name: Blue Krait 23-14 Federal 2H  
Workorder: E411106  
Date Received: 11/12/2024 8:15:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/12/2024 8:15:00AM, under the Project Name: Blue Krait 23-14 Federal 2H.

The analytical test results summarized in this report with the Project Name: Blue Krait 23-14 Federal 2H 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)

Field Offices:

**Southern New Mexico Area**

**Lynn Jarboe**  
Laboratory Technical Representative  
Office: 505-421-LABS(5227)  
Cell: 505-320-4759  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

**Michelle Gonzales**  
Client Representative  
Office: 505-421-LABS(5227)  
Cell: 505-947-8222  
[mgonzales@envirotech-inc.com](mailto:mgonzales@envirotech-inc.com)

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



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## Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/12/24 14:57

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS1- Bottom	E411106-01A	Soil	11/11/24	11/12/24	Glass Jar, 2 oz.
CSW1	E411106-02A	Soil	11/11/24	11/12/24	Glass Jar, 2 oz.
CSW2	E411106-03A	Soil	11/11/24	11/12/24	Glass Jar, 2 oz.
CSW3	E411106-04A	Soil	11/11/24	11/12/24	Glass Jar, 2 oz.
CSW4	E411106-05A	Soil	11/11/24	11/12/24	Glass Jar, 2 oz.
CS2-Bottom	E411106-06A	Soil	11/11/24	11/12/24	Glass Jar, 2 oz.
CSW5	E411106-07A	Soil	11/11/24	11/12/24	Glass Jar, 2 oz.
CSW6	E411106-08A	Soil	11/11/24	11/12/24	Glass Jar, 2 oz.
CSW7	E411106-09A	Soil	11/11/24	11/12/24	Glass Jar, 2 oz.
CSW8	E411106-10A	Soil	11/11/24	11/12/24	Glass Jar, 2 oz.
CS3-Bottom	E411106-11A	Soil	11/11/24	11/12/24	Glass Jar, 2 oz.
CSW9	E411106-12A	Soil	11/11/24	11/12/24	Glass Jar, 2 oz.
CSW10	E411106-13A	Soil	11/11/24	11/12/24	Glass Jar, 2 oz.
CSW11	E411106-14A	Soil	11/11/24	11/12/24	Glass Jar, 2 oz.
CSW12	E411106-15A	Soil	11/11/24	11/12/24	Glass Jar, 2 oz.
CS4-Bottom	E411106-16A	Soil	11/11/24	11/12/24	Glass Jar, 2 oz.
CSW13	E411106-17A	Soil	11/11/24	11/12/24	Glass Jar, 2 oz.
CSW14	E411106-18A	Soil	11/11/24	11/12/24	Glass Jar, 2 oz.
CSW15	E411106-19A	Soil	11/11/24	11/12/24	Glass Jar, 2 oz.
CSW16	E411106-20A	Soil	11/11/24	11/12/24	Glass Jar, 2 oz.
CS5-Bottom	E411106-21A	Soil	11/11/24	11/12/24	Glass Jar, 2 oz.
CSW17	E411106-22A	Soil	11/11/24	11/12/24	Glass Jar, 2 oz.
CSW18	E411106-23A	Soil	11/11/24	11/12/24	Glass Jar, 2 oz.
CSW19	E411106-24A	Soil	11/11/24	11/12/24	Glass Jar, 2 oz.
CSW20	E411106-25A	Soil	11/11/24	11/12/24	Glass Jar, 2 oz.



## Sample Data

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

Project Name: Blue Krait 23-14 Federal 2H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/12/2024 2:57:07PM

### CS1- Bottom

#### E411106-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2446030	
Benzene	ND	0.0250	1	11/12/24	11/12/24	
Ethylbenzene	ND	0.0250	1	11/12/24	11/12/24	
Toluene	ND	0.0250	1	11/12/24	11/12/24	
o-Xylene	ND	0.0250	1	11/12/24	11/12/24	
p,m-Xylene	ND	0.0500	1	11/12/24	11/12/24	
Total Xylenes	ND	0.0250	1	11/12/24	11/12/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		86.7 %	70-130	11/12/24	11/12/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2446030	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/12/24	11/12/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.5 %	70-130	11/12/24	11/12/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2446032	
Diesel Range Organics (C10-C28)	45	25.0	1	11/12/24	11/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/12/24	11/12/24	
<i>Surrogate: n-Nonane</i>		101 %	50-200	11/12/24	11/12/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2446035	
Chloride	11	20.0	1	11/12/24	11/12/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	<b>Reported:</b> 11/12/2024 2:57:07PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CSW1

E411106-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2446030	
Benzene	ND	0.0250	1	11/12/24	11/12/24	
Ethylbenzene	ND	0.0250	1	11/12/24	11/12/24	
Toluene	ND	0.0250	1	11/12/24	11/12/24	
o-Xylene	ND	0.0250	1	11/12/24	11/12/24	
p,m-Xylene	ND	0.0500	1	11/12/24	11/12/24	
Total Xylenes	ND	0.0250	1	11/12/24	11/12/24	
Surrogate: 4-Bromochlorobenzene-PID	87.8 %	70-130		11/12/24	11/12/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2446030	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/12/24	11/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	93.0 %	70-130		11/12/24	11/12/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2446032	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/12/24	11/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/12/24	11/12/24	
Surrogate: n-Nonane	95.9 %	50-200		11/12/24	11/12/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2446035	
Chloride	27	20.0	1	11/12/24	11/12/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	<b>Reported:</b> 11/12/2024 2:57:07PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CSW2

E411106-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2446030	
Benzene	ND	0.0250	1	11/12/24	11/12/24	
Ethylbenzene	ND	0.0250	1	11/12/24	11/12/24	
Toluene	ND	0.0250	1	11/12/24	11/12/24	
o-Xylene	ND	0.0250	1	11/12/24	11/12/24	
p,m-Xylene	ND	0.0500	1	11/12/24	11/12/24	
Total Xylenes	ND	0.0250	1	11/12/24	11/12/24	
Surrogate: 4-Bromochlorobenzene-PID	88.7 %	70-130		11/12/24	11/12/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2446030	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/12/24	11/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	92.9 %	70-130		11/12/24	11/12/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2446032	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/12/24	11/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/12/24	11/12/24	
Surrogate: n-Nonane	98.9 %	50-200		11/12/24	11/12/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2446035	
Chloride	34	20.0	1	11/12/24	11/12/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	<b>Reported:</b> 11/12/2024 2:57:07PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CSW3

E411106-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2446030	
Benzene	ND	0.0250	1	11/12/24	11/12/24	
Ethylbenzene	ND	0.0250	1	11/12/24	11/12/24	
Toluene	ND	0.0250	1	11/12/24	11/12/24	
o-Xylene	ND	0.0250	1	11/12/24	11/12/24	
p,m-Xylene	ND	0.0500	1	11/12/24	11/12/24	
Total Xylenes	ND	0.0250	1	11/12/24	11/12/24	
Surrogate: 4-Bromochlorobenzene-PID	88.9 %	70-130		11/12/24	11/12/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2446030	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/12/24	11/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	92.6 %	70-130		11/12/24	11/12/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2446032	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/12/24	11/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/12/24	11/12/24	
Surrogate: n-Nonane	103 %	50-200		11/12/24	11/12/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2446035	
Chloride	22	20.0	1	11/12/24	11/12/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	<b>Reported:</b> 11/12/2024 2:57:07PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CSW4

E411106-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2446030	
Benzene	ND	0.0250	1	11/12/24	11/12/24	
Ethylbenzene	ND	0.0250	1	11/12/24	11/12/24	
Toluene	ND	0.0250	1	11/12/24	11/12/24	
o-Xylene	ND	0.0250	1	11/12/24	11/12/24	
p,m-Xylene	ND	0.0500	1	11/12/24	11/12/24	
Total Xylenes	ND	0.0250	1	11/12/24	11/12/24	
Surrogate: 4-Bromochlorobenzene-PID	89.3 %	70-130		11/12/24	11/12/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2446030	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/12/24	11/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	94.6 %	70-130		11/12/24	11/12/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2446032	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/12/24	11/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/12/24	11/12/24	
Surrogate: n-Nonane	101 %	50-200		11/12/24	11/12/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2446035	
Chloride	41	20.0	1	11/12/24	11/12/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	<b>Reported:</b> 11/12/2024 2:57:07PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS2-Bottom  
E411106-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2446030	
Benzene	ND	0.0250	1	11/12/24	11/12/24	
Ethylbenzene	ND	0.0250	1	11/12/24	11/12/24	
Toluene	ND	0.0250	1	11/12/24	11/12/24	
o-Xylene	ND	0.0250	1	11/12/24	11/12/24	
p,m-Xylene	ND	0.0500	1	11/12/24	11/12/24	
Total Xylenes	ND	0.0250	1	11/12/24	11/12/24	
Surrogate: 4-Bromochlorobenzene-PID	90.3 %	70-130		11/12/24	11/12/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2446030	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/12/24	11/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	92.6 %	70-130		11/12/24	11/12/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2446032	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/12/24	11/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/12/24	11/12/24	
Surrogate: n-Nonane	87.9 %	50-200		11/12/24	11/12/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2446035	
Chloride	52	20.0	1	11/12/24	11/12/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	<b>Reported:</b> 11/12/2024 2:57:07PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CSW5

E411106-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2446030	
Benzene	ND	0.0250	1	11/12/24	11/12/24	
Ethylbenzene	ND	0.0250	1	11/12/24	11/12/24	
Toluene	ND	0.0250	1	11/12/24	11/12/24	
o-Xylene	ND	0.0250	1	11/12/24	11/12/24	
p,m-Xylene	ND	0.0500	1	11/12/24	11/12/24	
Total Xylenes	ND	0.0250	1	11/12/24	11/12/24	
Surrogate: 4-Bromochlorobenzene-PID	89.1 %	70-130		11/12/24	11/12/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2446030	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/12/24	11/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	89.7 %	70-130		11/12/24	11/12/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2446032	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/12/24	11/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/12/24	11/12/24	
Surrogate: n-Nonane	87.2 %	50-200		11/12/24	11/12/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2446035	
Chloride	23	20.0	1	11/12/24	11/12/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	<b>Reported:</b> 11/12/2024 2:57:07PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CSW6

E411106-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2446030	
Benzene	ND	0.0250	1	11/12/24	11/12/24	
Ethylbenzene	ND	0.0250	1	11/12/24	11/12/24	
Toluene	ND	0.0250	1	11/12/24	11/12/24	
o-Xylene	ND	0.0250	1	11/12/24	11/12/24	
p,m-Xylene	ND	0.0500	1	11/12/24	11/12/24	
Total Xylenes	ND	0.0250	1	11/12/24	11/12/24	
Surrogate: 4-Bromochlorobenzene-PID	90.6 %	70-130		11/12/24	11/12/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2446030	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/12/24	11/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	90.9 %	70-130		11/12/24	11/12/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2446032	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/12/24	11/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/12/24	11/12/24	
Surrogate: n-Nonane	85.7 %	50-200		11/12/24	11/12/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2446035	
Chloride	34	20.0	1	11/12/24	11/12/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	<b>Reported:</b> 11/12/2024 2:57:07PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CSW7

E411106-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2446030	
Benzene	ND	0.0250	1	11/12/24	11/12/24	
Ethylbenzene	ND	0.0250	1	11/12/24	11/12/24	
Toluene	ND	0.0250	1	11/12/24	11/12/24	
o-Xylene	ND	0.0250	1	11/12/24	11/12/24	
p,m-Xylene	ND	0.0500	1	11/12/24	11/12/24	
Total Xylenes	ND	0.0250	1	11/12/24	11/12/24	
Surrogate: 4-Bromochlorobenzene-PID	89.6 %	70-130		11/12/24	11/12/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2446030	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/12/24	11/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	91.3 %	70-130		11/12/24	11/12/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2446032	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/12/24	11/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/12/24	11/12/24	
Surrogate: n-Nonane	90.1 %	50-200		11/12/24	11/12/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: DT		Batch: 2446035	
Chloride	42	20.0	1	11/12/24	11/12/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	<b>Reported:</b> 11/12/2024 2:57:07PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CSW8

E411106-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2446030	
Benzene	ND	0.0250	1	11/12/24	11/12/24	
Ethylbenzene	ND	0.0250	1	11/12/24	11/12/24	
Toluene	ND	0.0250	1	11/12/24	11/12/24	
o-Xylene	ND	0.0250	1	11/12/24	11/12/24	
p,m-Xylene	ND	0.0500	1	11/12/24	11/12/24	
Total Xylenes	ND	0.0250	1	11/12/24	11/12/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.8 %	70-130		11/12/24	11/12/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2446030	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/12/24	11/12/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.8 %	70-130		11/12/24	11/12/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2446032	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/12/24	11/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/12/24	11/12/24	
<i>Surrogate: n-Nonane</i>						
	88.0 %	50-200		11/12/24	11/12/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2446035	
Chloride	37	20.0	1	11/12/24	11/12/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	<b>Reported:</b> 11/12/2024 2:57:07PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS3-Bottom  
E411106-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2446030	
Benzene	ND	0.0250	1	11/12/24	11/12/24	
Ethylbenzene	ND	0.0250	1	11/12/24	11/12/24	
Toluene	ND	0.0250	1	11/12/24	11/12/24	
o-Xylene	ND	0.0250	1	11/12/24	11/12/24	
p,m-Xylene	ND	0.0500	1	11/12/24	11/12/24	
Total Xylenes	ND	0.0250	1	11/12/24	11/12/24	
Surrogate: 4-Bromochlorobenzene-PID	97.5 %	70-130		11/12/24	11/12/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2446030	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/12/24	11/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	90.8 %	70-130		11/12/24	11/12/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2446032	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/12/24	11/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/12/24	11/12/24	
Surrogate: n-Nonane	85.7 %	50-200		11/12/24	11/12/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: JM		Batch: 2446035	
Chloride	25	20.0	1	11/12/24	11/12/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	<b>Reported:</b> 11/12/2024 2:57:07PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CSW9

E411106-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2446030	
Benzene	ND	0.0250	1	11/12/24	11/12/24	
Ethylbenzene	ND	0.0250	1	11/12/24	11/12/24	
Toluene	ND	0.0250	1	11/12/24	11/12/24	
o-Xylene	ND	0.0250	1	11/12/24	11/12/24	
p,m-Xylene	ND	0.0500	1	11/12/24	11/12/24	
Total Xylenes	ND	0.0250	1	11/12/24	11/12/24	
Surrogate: 4-Bromochlorobenzene-PID	97.8 %	70-130		11/12/24	11/12/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2446030	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/12/24	11/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	91.6 %	70-130		11/12/24	11/12/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2446032	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/12/24	11/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/12/24	11/12/24	
Surrogate: n-Nonane	89.7 %	50-200		11/12/24	11/12/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: JM		Batch: 2446035	
Chloride	38	20.0	1	11/12/24	11/12/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	<b>Reported:</b> 11/12/2024 2:57:07PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CSW10

E411106-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2446030	
Benzene	ND	0.0250	1	11/12/24	11/12/24	
Ethylbenzene	ND	0.0250	1	11/12/24	11/12/24	
Toluene	ND	0.0250	1	11/12/24	11/12/24	
o-Xylene	ND	0.0250	1	11/12/24	11/12/24	
p,m-Xylene	ND	0.0500	1	11/12/24	11/12/24	
Total Xylenes	ND	0.0250	1	11/12/24	11/12/24	
Surrogate: 4-Bromochlorobenzene-PID	98.1 %	70-130		11/12/24	11/12/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2446030	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/12/24	11/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	91.1 %	70-130		11/12/24	11/12/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2446032	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/12/24	11/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/12/24	11/12/24	
Surrogate: n-Nonane	98.8 %	50-200		11/12/24	11/12/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: JM		Batch: 2446035	
Chloride	35	20.0	1	11/12/24	11/12/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	<b>Reported:</b> 11/12/2024 2:57:07PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CSW11

E411106-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2446030	
Benzene	ND	0.0250	1	11/12/24	11/12/24	
Ethylbenzene	ND	0.0250	1	11/12/24	11/12/24	
Toluene	ND	0.0250	1	11/12/24	11/12/24	
o-Xylene	ND	0.0250	1	11/12/24	11/12/24	
p,m-Xylene	ND	0.0500	1	11/12/24	11/12/24	
Total Xylenes	ND	0.0250	1	11/12/24	11/12/24	
Surrogate: 4-Bromochlorobenzene-PID	99.8 %	70-130		11/12/24	11/12/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2446030	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/12/24	11/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	90.9 %	70-130		11/12/24	11/12/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2446032	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/12/24	11/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/12/24	11/12/24	
Surrogate: n-Nonane	98.9 %	50-200		11/12/24	11/12/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: JM		Batch: 2446035	
Chloride	32	20.0	1	11/12/24	11/12/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	<b>Reported:</b> 11/12/2024 2:57:07PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CSW12

E411106-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2446030	
Benzene	ND	0.0250	1	11/12/24	11/12/24	
Ethylbenzene	ND	0.0250	1	11/12/24	11/12/24	
Toluene	ND	0.0250	1	11/12/24	11/12/24	
o-Xylene	ND	0.0250	1	11/12/24	11/12/24	
p,m-Xylene	ND	0.0500	1	11/12/24	11/12/24	
Total Xylenes	ND	0.0250	1	11/12/24	11/12/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.8 %	70-130		11/12/24	11/12/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2446030	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/12/24	11/12/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.2 %	70-130		11/12/24	11/12/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2446032	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/12/24	11/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/12/24	11/12/24	
<i>Surrogate: n-Nonane</i>						
	96.5 %	50-200		11/12/24	11/12/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2446035	
Chloride	33	20.0	1	11/12/24	11/12/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	<b>Reported:</b> 11/12/2024 2:57:07PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS4-Bottom  
E411106-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2446030	
Benzene	ND	0.0250	1	11/12/24	11/12/24	
Ethylbenzene	ND	0.0250	1	11/12/24	11/12/24	
Toluene	ND	0.0250	1	11/12/24	11/12/24	
o-Xylene	ND	0.0250	1	11/12/24	11/12/24	
p,m-Xylene	ND	0.0500	1	11/12/24	11/12/24	
Total Xylenes	ND	0.0250	1	11/12/24	11/12/24	
Surrogate: 4-Bromochlorobenzene-PID	99.9 %	70-130		11/12/24	11/12/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2446030	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/12/24	11/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	91.3 %	70-130		11/12/24	11/12/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2446032	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/12/24	11/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/12/24	11/12/24	
Surrogate: n-Nonane	98.5 %	50-200		11/12/24	11/12/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: JM		Batch: 2446035	
Chloride	29	20.0	1	11/12/24	11/12/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	<b>Reported:</b> 11/12/2024 2:57:07PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CSW13

E411106-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2446030	
Benzene	ND	0.0250	1	11/12/24	11/12/24	
Ethylbenzene	ND	0.0250	1	11/12/24	11/12/24	
Toluene	ND	0.0250	1	11/12/24	11/12/24	
o-Xylene	ND	0.0250	1	11/12/24	11/12/24	
p,m-Xylene	ND	0.0500	1	11/12/24	11/12/24	
Total Xylenes	ND	0.0250	1	11/12/24	11/12/24	
Surrogate: 4-Bromochlorobenzene-PID	100 %	70-130		11/12/24	11/12/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2446030	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/12/24	11/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	91.9 %	70-130		11/12/24	11/12/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2446032	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/12/24	11/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/12/24	11/12/24	
Surrogate: n-Nonane	95.9 %	50-200		11/12/24	11/12/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: JM		Batch: 2446035	
Chloride	33	20.0	1	11/12/24	11/12/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	<b>Reported:</b> 11/12/2024 2:57:07PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CSW14

E411106-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2446030	
Benzene	ND	0.0250	1	11/12/24	11/12/24	
Ethylbenzene	ND	0.0250	1	11/12/24	11/12/24	
Toluene	ND	0.0250	1	11/12/24	11/12/24	
o-Xylene	ND	0.0250	1	11/12/24	11/12/24	
p,m-Xylene	ND	0.0500	1	11/12/24	11/12/24	
Total Xylenes	ND	0.0250	1	11/12/24	11/12/24	
Surrogate: 4-Bromochlorobenzene-PID	99.2 %	70-130		11/12/24	11/12/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2446030	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/12/24	11/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	91.2 %	70-130		11/12/24	11/12/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2446032	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/12/24	11/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/12/24	11/12/24	
Surrogate: n-Nonane	98.0 %	50-200		11/12/24	11/12/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: JM		Batch: 2446035	
Chloride	38	20.0	1	11/12/24	11/12/24	



## Sample Data

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

Project Name: Blue Krait 23-14 Federal 2H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/12/2024 2:57:07PM

## CSW15

## E411106-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2446030	
Benzene	ND	0.0250	1	11/12/24	11/12/24	
Ethylbenzene	ND	0.0250	1	11/12/24	11/12/24	
Toluene	ND	0.0250	1	11/12/24	11/12/24	
o-Xylene	ND	0.0250	1	11/12/24	11/12/24	
p,m-Xylene	ND	0.0500	1	11/12/24	11/12/24	
Total Xylenes	ND	0.0250	1	11/12/24	11/12/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.1 %	70-130		11/12/24	11/12/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: SL		Batch: 2446030	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/12/24	11/12/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.7 %	70-130		11/12/24	11/12/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: NV		Batch: 2446032	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/12/24	11/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/12/24	11/12/24	
<i>Surrogate: n-Nonane</i>						
	93.1 %	50-200		11/12/24	11/12/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: JM		Batch: 2446035	
Chloride	26	20.0	1	11/12/24	11/12/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	<b>Reported:</b> 11/12/2024 2:57:07PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CSW16

E411106-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2446030	
Benzene	ND	0.0250	1	11/12/24	11/12/24	
Ethylbenzene	ND	0.0250	1	11/12/24	11/12/24	
Toluene	ND	0.0250	1	11/12/24	11/12/24	
o-Xylene	ND	0.0250	1	11/12/24	11/12/24	
p,m-Xylene	ND	0.0500	1	11/12/24	11/12/24	
Total Xylenes	ND	0.0250	1	11/12/24	11/12/24	
Surrogate: 4-Bromochlorobenzene-PID	98.6 %	70-130		11/12/24	11/12/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: SL		Batch: 2446030	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/12/24	11/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	91.4 %	70-130		11/12/24	11/12/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2446032	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/12/24	11/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/12/24	11/12/24	
Surrogate: n-Nonane	98.5 %	50-200		11/12/24	11/12/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: JM		Batch: 2446035	
Chloride	24	20.0	1	11/12/24	11/12/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	<b>Reported:</b> 11/12/2024 2:57:07PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

CS5-Bottom  
E411106-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2446031
Benzene	ND	0.0250	1	11/12/24	11/12/24	
Ethylbenzene	ND	0.0250	1	11/12/24	11/12/24	
Toluene	ND	0.0250	1	11/12/24	11/12/24	
o-Xylene	ND	0.0250	1	11/12/24	11/12/24	
p,m-Xylene	ND	0.0500	1	11/12/24	11/12/24	
Total Xylenes	ND	0.0250	1	11/12/24	11/12/24	
Surrogate: Bromofluorobenzene	97.1 %	70-130		11/12/24	11/12/24	
Surrogate: 1,2-Dichloroethane-d4	87.1 %	70-130		11/12/24	11/12/24	
Surrogate: Toluene-d8	106 %	70-130		11/12/24	11/12/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2446031
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/12/24	11/12/24	
Surrogate: Bromofluorobenzene	97.1 %	70-130		11/12/24	11/12/24	
Surrogate: 1,2-Dichloroethane-d4	87.1 %	70-130		11/12/24	11/12/24	
Surrogate: Toluene-d8	106 %	70-130		11/12/24	11/12/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2446033
Diesel Range Organics (C10-C28)	ND	25.0	1	11/12/24	11/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/12/24	11/12/24	
Surrogate: n-Nonane	99.9 %	50-200		11/12/24	11/12/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2446034
Chloride	42	20.0	1	11/12/24	11/12/24	



## Sample Data

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

Project Name: Blue Krait 23-14 Federal 2H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/12/2024 2:57:07PM

CSW17

E411106-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2446031
Benzene	ND	0.0250	1	11/12/24	11/12/24	
Ethylbenzene	ND	0.0250	1	11/12/24	11/12/24	
Toluene	ND	0.0250	1	11/12/24	11/12/24	
o-Xylene	ND	0.0250	1	11/12/24	11/12/24	
p,m-Xylene	ND	0.0500	1	11/12/24	11/12/24	
Total Xylenes	ND	0.0250	1	11/12/24	11/12/24	
Surrogate: Bromofluorobenzene	97.3 %	70-130		11/12/24	11/12/24	
Surrogate: 1,2-Dichloroethane-d4	94.6 %	70-130		11/12/24	11/12/24	
Surrogate: Toluene-d8	107 %	70-130		11/12/24	11/12/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2446031
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/12/24	11/12/24	
Surrogate: Bromofluorobenzene	97.3 %	70-130		11/12/24	11/12/24	
Surrogate: 1,2-Dichloroethane-d4	94.6 %	70-130		11/12/24	11/12/24	
Surrogate: Toluene-d8	107 %	70-130		11/12/24	11/12/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2446033
Diesel Range Organics (C10-C28)	ND	25.0	1	11/12/24	11/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/12/24	11/12/24	
Surrogate: n-Nonane	101 %	50-200		11/12/24	11/12/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2446034
Chloride	36	20.0	1	11/12/24	11/12/24	





## Sample Data

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

Project Name: Blue Krait 23-14 Federal 2H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/12/2024 2:57:07PM

## CSW18

## E411106-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2446031
Benzene	ND	0.0250	1	11/12/24	11/12/24	
Ethylbenzene	ND	0.0250	1	11/12/24	11/12/24	
Toluene	ND	0.0250	1	11/12/24	11/12/24	
o-Xylene	ND	0.0250	1	11/12/24	11/12/24	
p,m-Xylene	ND	0.0500	1	11/12/24	11/12/24	
Total Xylenes	ND	0.0250	1	11/12/24	11/12/24	
Surrogate: Bromofluorobenzene	97.1 %	70-130		11/12/24	11/12/24	
Surrogate: 1,2-Dichloroethane-d4	91.6 %	70-130		11/12/24	11/12/24	
Surrogate: Toluene-d8	102 %	70-130		11/12/24	11/12/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2446031
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/12/24	11/12/24	
Surrogate: Bromofluorobenzene	97.1 %	70-130		11/12/24	11/12/24	
Surrogate: 1,2-Dichloroethane-d4	91.6 %	70-130		11/12/24	11/12/24	
Surrogate: Toluene-d8	102 %	70-130		11/12/24	11/12/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2446033
Diesel Range Organics (C10-C28)	ND	25.0	1	11/12/24	11/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/12/24	11/12/24	
Surrogate: n-Nonane	97.5 %	50-200		11/12/24	11/12/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2446034
Chloride	20	20.0	1	11/12/24	11/12/24	



## Sample Data

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

Project Name: Blue Krait 23-14 Federal 2H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/12/2024 2:57:07PM

## CSW19

## E411106-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2446031
Benzene	ND	0.0250	1	11/12/24	11/12/24	
Ethylbenzene	ND	0.0250	1	11/12/24	11/12/24	
Toluene	ND	0.0250	1	11/12/24	11/12/24	
o-Xylene	ND	0.0250	1	11/12/24	11/12/24	
p,m-Xylene	ND	0.0500	1	11/12/24	11/12/24	
Total Xylenes	ND	0.0250	1	11/12/24	11/12/24	
Surrogate: Bromofluorobenzene	98.7 %	70-130		11/12/24	11/12/24	
Surrogate: 1,2-Dichloroethane-d4	97.6 %	70-130		11/12/24	11/12/24	
Surrogate: Toluene-d8	102 %	70-130		11/12/24	11/12/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2446031
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/12/24	11/12/24	
Surrogate: Bromofluorobenzene	98.7 %	70-130		11/12/24	11/12/24	
Surrogate: 1,2-Dichloroethane-d4	97.6 %	70-130		11/12/24	11/12/24	
Surrogate: Toluene-d8	102 %	70-130		11/12/24	11/12/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2446033
Diesel Range Organics (C10-C28)	ND	25.0	1	11/12/24	11/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/12/24	11/12/24	
Surrogate: n-Nonane	101 %	50-200		11/12/24	11/12/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2446034
Chloride	47	20.0	1	11/12/24	11/12/24	



## Sample Data

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

Project Name: Blue Krait 23-14 Federal 2H  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
11/12/2024 2:57:07PM

## CSW20

## E411106-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2446031
Benzene	ND	0.0250	1	11/12/24	11/12/24	
Ethylbenzene	ND	0.0250	1	11/12/24	11/12/24	
Toluene	ND	0.0250	1	11/12/24	11/12/24	
o-Xylene	ND	0.0250	1	11/12/24	11/12/24	
p,m-Xylene	ND	0.0500	1	11/12/24	11/12/24	
Total Xylenes	ND	0.0250	1	11/12/24	11/12/24	
Surrogate: Bromofluorobenzene	96.6 %	70-130		11/12/24	11/12/24	
Surrogate: 1,2-Dichloroethane-d4	97.6 %	70-130		11/12/24	11/12/24	
Surrogate: Toluene-d8	104 %	70-130		11/12/24	11/12/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2446031
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/12/24	11/12/24	
Surrogate: Bromofluorobenzene	96.6 %	70-130		11/12/24	11/12/24	
Surrogate: 1,2-Dichloroethane-d4	97.6 %	70-130		11/12/24	11/12/24	
Surrogate: Toluene-d8	104 %	70-130		11/12/24	11/12/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2446033
Diesel Range Organics (C10-C28)	ND	25.0	1	11/12/24	11/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/12/24	11/12/24	
Surrogate: n-Nonane	103 %	50-200		11/12/24	11/12/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2446034
Chloride	43	20.0	1	11/12/24	11/12/24	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	Reported:  11/12/2024 2:57:07PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

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 (2446031-BLK1) Prepared: 11/12/24 Analyzed: 11/12/24

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.534		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.477		0.500		95.4	70-130			
Surrogate: Toluene-d8	0.527		0.500		105	70-130			

LCS (2446031-BS1) Prepared: 11/12/24 Analyzed: 11/12/24

Benzene	2.56	0.0252	2.50		103	70-130			
Ethylbenzene	2.55	0.0252	2.50		102	70-130			
Toluene	2.58	0.0252	2.50		103	70-130			
o-Xylene	2.55	0.0252	2.50		102	70-130			
p,m-Xylene	5.08	0.0504	5.00		102	70-130			
Total Xylenes	7.63	0.0252	7.50		102	70-130			
Surrogate: Bromofluorobenzene	0.539		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.488		0.500		97.6	70-130			
Surrogate: Toluene-d8	0.531		0.500		106	70-130			

LCS Dup (2446031-BSD1) Prepared: 11/12/24 Analyzed: 11/12/24

Benzene	2.46	0.0250	2.50		98.2	70-130	4.34	23	
Ethylbenzene	2.44	0.0250	2.50		97.6	70-130	4.48	27	
Toluene	2.48	0.0250	2.50		99.1	70-130	3.95	24	
o-Xylene	2.50	0.0250	2.50		99.8	70-130	2.31	27	
p,m-Xylene	4.97	0.0500	5.00		99.4	70-130	2.19	27	
Total Xylenes	7.46	0.0250	7.50		99.5	70-130	2.23	27	
Surrogate: Bromofluorobenzene	0.545		0.500		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.477		0.500		95.4	70-130			
Surrogate: Toluene-d8	0.527		0.500		105	70-130			



## QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Blue Krait 23-14 Federal 2H Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 11/12/2024 2:57:07PM
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## Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2446030-BLK1)

Prepared: 11/12/24 Analyzed: 11/12/24

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.01		8.00		87.7	70-130			

## LCS (2446030-BS1)

Prepared: 11/12/24 Analyzed: 11/12/24

Benzene	5.09	0.0250	5.00		102	70-130			
Ethylbenzene	4.93	0.0250	5.00		98.5	70-130			
Toluene	5.03	0.0250	5.00		101	70-130			
o-Xylene	4.91	0.0250	5.00		98.3	70-130			
p,m-Xylene	10.0	0.0500	10.0		100	70-130			
Total Xylenes	14.9	0.0250	15.0		99.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.96		8.00		87.0	70-130			

## LCS Dup (2446030-BSD1)

Prepared: 11/12/24 Analyzed: 11/12/24

Benzene	5.03	0.0250	5.00		101	70-130	1.14	20	
Ethylbenzene	4.86	0.0250	5.00		97.1	70-130	1.46	20	
Toluene	4.97	0.0250	5.00		99.5	70-130	1.16	20	
o-Xylene	4.86	0.0250	5.00		97.3	70-130	1.03	20	
p,m-Xylene	9.87	0.0500	10.0		98.7	70-130	1.49	20	
Total Xylenes	14.7	0.0250	15.0		98.2	70-130	1.34	20	
Surrogate: 4-Bromochlorobenzene-PID	7.15		8.00		89.4	70-130			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/12/2024 2:57:07PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2446030-BLK1) Prepared: 11/12/24 Analyzed: 11/12/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.46		8.00		93.2	70-130			

LCS (2446030-BS2) Prepared: 11/12/24 Analyzed: 11/12/24

Gasoline Range Organics (C6-C10)	38.6	20.0	50.0		77.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.42		8.00		92.7	70-130			

LCS Dup (2446030-BSD2) Prepared: 11/12/24 Analyzed: 11/12/24

Gasoline Range Organics (C6-C10)	42.2	20.0	50.0		84.3	70-130	8.84	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.46		8.00		93.2	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/12/2024 2:57:07PM

Nonhalogenated Organics by EPA 8015D - GRO

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 (2446031-BLK1) Prepared: 11/12/24 Analyzed: 11/12/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.534		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.477		0.500		95.4	70-130			
Surrogate: Toluene-d8	0.527		0.500		105	70-130			

LCS (2446031-BS2) Prepared: 11/12/24 Analyzed: 11/12/24

Gasoline Range Organics (C6-C10)	47.2	20.0	50.0		94.5	70-130			
Surrogate: Bromofluorobenzene	0.548		0.500		110	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.494		0.500		98.8	70-130			
Surrogate: Toluene-d8	0.544		0.500		109	70-130			

LCS Dup (2446031-BSD2) Prepared: 11/12/24 Analyzed: 11/12/24

Gasoline Range Organics (C6-C10)	47.7	20.0	50.0		95.3	70-130	0.927	20	
Surrogate: Bromofluorobenzene	0.538		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.492		0.500		98.4	70-130			
Surrogate: Toluene-d8	0.533		0.500		107	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/12/2024 2:57:07PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

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 (2446032-BLK1)					Prepared: 11/12/24 Analyzed: 11/12/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.2		50.0		98.5	50-200			

LCS (2446032-BS1)					Prepared: 11/12/24 Analyzed: 11/12/24				
Diesel Range Organics (C10-C28)	247	25.0	250		98.9	38-132			
Surrogate: n-Nonane	51.0		50.0		102	50-200			

LCS Dup (2446032-BSD1)					Prepared: 11/12/24 Analyzed: 11/12/24				
Diesel Range Organics (C10-C28)	249	25.0	250		99.5	38-132	0.571	20	
Surrogate: n-Nonane	51.5		50.0		103	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/12/2024 2:57:07PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

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 (2446033-BLK1) Prepared: 11/12/24 Analyzed: 11/12/24

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.4		50.0		101	50-200			

LCS (2446033-BS1) Prepared: 11/12/24 Analyzed: 11/12/24

Diesel Range Organics (C10-C28)	258	25.0	250		103	38-132			
Surrogate: n-Nonane	51.3		50.0		103	50-200			

LCS Dup (2446033-BSD1) Prepared: 11/12/24 Analyzed: 11/12/24

Diesel Range Organics (C10-C28)	249	25.0	250		99.6	38-132	3.55	20	
Surrogate: n-Nonane	49.7		50.0		99.4	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/12/2024 2:57:07PM

Anions by EPA 300.0/9056A

Analyst: DT

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

Blank (2446034-BLK1)					Prepared: 11/12/24 Analyzed: 11/12/24				
Chloride	ND	20.0							
LCS (2446034-BS1)					Prepared: 11/12/24 Analyzed: 11/12/24				
Chloride	260	20.0	250		104	90-110			
LCS Dup (2446034-BSD1)					Prepared: 11/12/24 Analyzed: 11/12/24				
Chloride	260	20.0	250		104	90-110	0.0365	20	





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/12/2024 2:57:07PM

Anions by EPA 300.0/9056A

Analyst: DT

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 (2446035-BLK1)					Prepared: 11/12/24 Analyzed: 11/12/24				
Chloride	ND	20.0							
LCS (2446035-BS1)					Prepared: 11/12/24 Analyzed: 11/12/24				
Chloride	255	20.0	250		102	90-110			
LCS Dup (2446035-BSD1)					Prepared: 11/12/24 Analyzed: 11/12/24				
Chloride	256	20.0	250		102	90-110	0.210	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:	Blue Krait 23-14 Federal 2H	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/12/24 14:57

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

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

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



## Project Information

## Chain of Custody

Page 1 of 3

Client: Pima Environmental Services Project: <u>Blue Krait 2314 Federal 2H</u> Project Manager: <u>Gio Gomez</u> Address: <u>5614 N. Lovington Hwy.</u> City, State, Zip: <u>Hobbs, NM, 88240</u> Phone: <u>806-782-1151</u> Email: <u>gio@pimaoil.com</u> Report due by: _____					Bill To: <u>Devon</u> Attention: _____ Address: _____ City, State, Zip: _____ Phone: _____ Email: _____ Pima Project # <u>390-1</u>					Lab Use Only Lab WO# <u>E411106</u> Job Number <u>01058-0007</u> Analysis and Method DRO/ORO by 8015 _____ GRO/DRO by 8015 _____ BTEX by 8021 _____ VOC by 8260 _____ Metals 6010 _____ Chloride 300.0 _____ BGDOC NM _____ TX _____ BGDOC _____					TAT 1D _____ 2D _____ 3D _____ Standard _____		EPA Program CWA _____ SDWA _____ RCRA _____	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	State NM CO UT AZ TX	Remarks			
8:02	11/11	S		CS1-Bottom	1							X						
8:17				CSW1	2													
8:23				CSW2	3													
8:28				CSW3	4													
8:36				CSW4	5													
8:41				CS2-Bottom	6													
8:59				CSW5	7													
9:11				CSW6	8													
9:26				CSW7	9													
9:32				CSW8	10													
Additional Instructions: <u>Billing # 21148860</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.																		
Relinquished by: (Signature) <u>Karime Adame</u> Date <u>11/11/24</u> Time <u>1:45</u>						Received by: (Signature) <u>Michelle Gonzales</u> Date <u>11-11-24</u> Time <u>1345</u>						Lab Use Only Received on ice: <u>(Y) N</u>						
Relinquished by: (Signature) <u>Michelle Gonzales</u> Date <u>11-11-24</u> Time <u>1545</u>						Received by: (Signature) <u>[Signature]</u> Date <u>11-11-24</u> Time <u>1700</u>						T1 _____ T2 _____ T3 _____						
Relinquished by: (Signature) <u>[Signature]</u> Date <u>11-11-24</u> Time <u>2400</u>						Received by: (Signature) <u>Noe Soto</u> Date <u>11-12-24</u> Time <u>0815</u>						AVG Temp °C _____						
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____																		
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																		

## Project Information

## Chain of Custody

Page 2 of 3

<b>Client:</b> Pima Environmental Services <b>Project:</b> Blue Krait 2314 Federal 2H <b>Project Manager:</b> Gio Gomez <b>Address:</b> 5614 N. Lovington Hwy. <b>City, State, Zip:</b> Hobbs, NM. 88240 <b>Phone:</b> 806-782-1151 <b>Email:</b> gio@pimaoil.com <b>Report due by:</b>					<b>Attention:</b> Devon <b>Address:</b> <b>City, State, Zip:</b> <b>Phone:</b> <b>Email:</b> <b>Pima Project #</b> 390-1					<b>Lab Use Only</b> <b>Lab WO#</b> E411106 <b>Job Number</b> 01058-0007 <b>Analysis and Method</b>					<b>TAT</b> 1D <input checked="" type="checkbox"/> 2D <input type="checkbox"/> 3D <input type="checkbox"/> Standard <input type="checkbox"/>				<b>EPA Program</b> CWA <input type="checkbox"/> SDWA <input type="checkbox"/> RCRA <input type="checkbox"/>	
														<b>State</b> NM <input checked="" type="checkbox"/> CO <input type="checkbox"/> UT <input type="checkbox"/> AZ <input type="checkbox"/> TX <input type="checkbox"/>						
														<b>Remarks</b>						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX					
9:46	11/11	S		CS3 - Bottom	11									<input checked="" type="checkbox"/>						
9:51				CSW9	12															
9:56				CSW10	13															
10:17				CSW11	14															
10:21				CSW12	15															
10:36				CS4 - Bottom	16															
10:42				CSW13	17															
10:56				CSW14	18															
10:59				CSW15	19															
11:00				CSW16	20															
<b>Additional Instructions:</b> Billing # 211 98 860																				
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.								
<b>Relinquished by: (Signature)</b> Karime Adame <b>Date</b> 11-11-24 <b>Time</b> 1:45 <b>Received by: (Signature)</b> Michelle Gonzales <b>Date</b> 11-11-24 <b>Time</b> 1:45																				
<b>Relinquished by: (Signature)</b> Michelle Gonzales <b>Date</b> 11-11-24 <b>Time</b> 1:45 <b>Received by: (Signature)</b> [Signature] <b>Date</b> 11-11-24 <b>Time</b> 1:00																				
<b>Relinquished by: (Signature)</b> [Signature] <b>Date</b> 11-11-24 <b>Time</b> 2:40 <b>Received by: (Signature)</b> [Signature] <b>Date</b> 11-11-24 <b>Time</b> 0815																				
<b>Sample Matrix:</b> S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																				
<b>Container Type:</b> g - glass, p - poly/plastic, ag - amber glass, v - VOA																				
<b>Note:</b> 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

[illegible]



## Envirotech Analytical Laboratory

Printed: 11/12/2024 10:13:53AM

## 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:	11/12/24 08:15	Work Order ID:	E411106
Phone:	(575) 631-6977	Date Logged In:	11/11/24 14:32	Logged In By:	Caitlin Mars
Email:	gio@pimaoil.com	Due Date:	11/12/24 17:00 (0 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
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/Resolution

Sampled by and No of containers missing on COC.

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

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Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

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

QUESTIONS

Action 404457

**QUESTIONS**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 404457
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nOY1736334624
Incident Name	NOY1736334624 BLUE KRAIT 23 14 FEDERAL #002H @ 30-025-43236
Incident Type	Release Other
Incident Status	Remediation Closure Report Received
Incident Well	[30-025-43236] BLUE KRAIT 23 14 FEDERAL #002H

**Location of Release Source**

Please answer all the questions in this group.

Site Name	BLUE KRAIT 23 14 FEDERAL #002H
Date Release Discovered	12/29/2017
Surface Owner	Private

**Incident Details**

Please answer all the questions in this group.

Incident Type	Release Other
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

**Nature and Volume of Release**

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

Crude Oil Released (bbls) Details	Cause:   Unknown   Crude Oil   Released: 0 BBL   Recovered: 0 BBL   Lost: 0 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 404457

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 404457
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	More info needed to determine if this will be treated as a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Unavailable.
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

**Initial Response**

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

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

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

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

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvni.com Date: 11/19/2024
--	---

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QUESTIONS, Page 3

Action 404457

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 404457
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS****Site Characterization**

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

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

**Remediation Plan**

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

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

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

Chloride (EPA 300.0 or SM4500 Cl B)	146
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

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

On what estimated date will the remediation commence	05/15/2024
On what date will (or did) the final sampling or liner inspection occur	05/15/2024
On what date will (or was) the remediation complete(d)	05/15/2024
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	0
What is the estimated volume (in cubic yards) that will be remediated	0

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

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

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QUESTIONS, Page 4

Action 404457

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 404457
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Remediation Plan (continued)</b>	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
<b>This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:</b>	
(Select all answers below that apply.)	
(Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	Not answered.
(Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Yes
Other Non-listed Remedial Process. Please specify	Samples indicate no remediation required.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvni.com Date: 11/19/2024
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	



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QUESTIONS, Page 5  
  
Action 404457

QUESTIONS (continued)

Operator:  DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:  6137
	Action Number:  404457
	Action Type:  [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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QUESTIONS, Page 6

Action 404457

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 404457
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

Sampling Event Information	
Last sampling notification (C-141N) recorded	400120
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/11/2024
What was the (estimated) number of samples that were to be gathered	25
What was the sampling surface area in square feet	1000

**Remediation Closure Request**

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

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	0
What was the total volume (cubic yards) remediated	0
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	Samples collected indicate no remediation required.

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

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

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 11/19/2024
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Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/contact-us>

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

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Action 404457

QUESTIONS (continued)

Operator:  DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:  6137
	Action Number:  404457
	Action Type:  [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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CONDITIONS

Action 404457

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 404457
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
nvez	None	3/7/2025