

# REMEDIATION CLOSURE REPORT

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

Hobbs, NM 88240 575-964-7740



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	Constituent & Limits										
Groundwater (Appendix B)	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						

Hobbs, NM 88240 575-964-7740



#### **Release Information**

<u>NOY1736334624:</u> 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 dich 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

NI	MOCD Table	1 Closure	Criteria 19	.15.29 NN	IAC (Depth	to Ground	water is <50')	
	DEVO	N ENERGY	/ Blue Krait	23-14 Fed	eral #2H -No	OY173633	4624	
Date: 5-15-24	1			NM Appr	oved Labora	tory Resu	lts	
Sample ID	Depth	BTEX	Benzene	GRO	DRO	MRO	Total TPH	Cl
Sample ID	(BGS)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
	1'	ND	ND	ND	ND	ND	0	72.8
S1	2'	ND	ND	ND	ND	ND	0	ND
31	3'	ND	ND	ND	ND	ND	0	23.8
	4'	ND	ND	ND	ND	ND	0	30
	1'	ND	ND	ND	ND	ND	0	60.2
62	2'	ND	ND	ND	ND	ND	0	ND
S2	3'	ND	ND	ND	ND	ND	0	22.9
	4'	ND	ND	ND	ND	ND	0	31
	1'	ND	ND	ND	ND	ND	0	66
S3	2'	ND	ND	ND	ND	ND	0	ND
33	3'	ND	ND	ND	ND	ND	0	41
	4'	ND	ND	ND	ND	ND	0	34.8
	1'	ND	ND	ND	ND	ND	0	74.7
S4	2'	ND	ND	ND	ND	ND	0	ND
34	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											
	DE	VON ENER	GY Blue Krai	t 23-14 Fed	eral #2H-NC	Y17363346	524					
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				
	1'	ND	ND	ND	ND	ND	0	78.1				
<b>S</b> 5	2'	ND	ND	ND	ND	ND	0	82.8				
33	3'	ND	ND	ND	ND	ND	0	38				
	4'	ND	ND	ND	ND	ND	0	59.2				
	1'	ND	ND	ND	ND	ND	0	69.6				
	2'	ND	ND	ND	ND	ND	0	39.3				
S6	3'	ND	ND	ND	ND	ND	0	45.6				
	4'	ND	ND	ND	ND	ND	0	34.1				
	1'	ND	ND	ND	ND	ND	0	60.2				
<b>S</b> 7	2'	ND	ND	ND	ND	ND	0	61.5				
37	3'	ND	ND	ND	ND	ND	0	89.7				
	41	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 Tab	le 1 Closur	e Criteria 19	.15.29 NM	AC (Depth t	o Groundw	rater is <50')		
	DE	VON ENER	GY Blu Krait	23-14 Fed	eral #2H-NO	Y17363346	24		
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	
	1'	ND	ND	ND	ND	ND	0	23.1	
<b>S8</b>	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	
	1'	ND	ND	ND	ND	ND	0	39.1	
S-9	2'	ND	ND	ND	ND	ND	0	ND	
3-9	3'	ND	ND	ND	ND	ND	0	33.8	
	4'	ND	ND	ND	ND	ND	0	31.9	
	1'	ND	ND	ND	ND	ND	0	29.3	
S-10	2'	ND	ND	ND	ND	ND	0	41.7	
3-10	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

							-			
I	NMOCD Tak	ole 1 Closur	re Criteria 19	.15.29 NM	AC (Depth t	o Groundw	rater is <50')			
	DE	VON ENER	GY Blue Krait	t 23-14 Fed	eral #2H-NC	Y17363346	524			
Date: 5-15-24		NM Approved Laboratory Results								
Committee ID	Depth	BTEX	Benzene	GRO	DRO	MRO	Total TPH	Cl		
Sample ID	(BGS)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg		
	1'	ND	ND	ND	ND	ND	0	46.5		
S11	2'	ND	ND	ND	ND	ND	0	38.9		
311	3'	ND	ND	ND	ND	ND	0	36.8		
	4'	ND	ND	ND	ND	ND	0	37.9		
	1'	ND	ND	ND	ND	ND	0	47.8		
S12	2'	ND	ND	ND	ND	ND	0	39.4		
312	3'	ND	ND	ND	ND	ND	0	41.9		
	4'	ND	ND	ND	ND	ND	0	42.8		
	1'	ND	ND	ND	ND	ND	0	44.9		
S13	2'	ND	ND	ND	ND	ND	0	42		
513	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

N	MOCD Table	e 1 Closure	e Criteria 19	.15.29 NM	AC (Depth t	o Ground	water is <50')	
	DEV	ON ENERG	Y Blue Krait	23-14 Fed	leral #2H-NO	DY1736334	624	
Date: 5-15-24	l			NM Appr	oved Labora	atory Resu	lts	
Sample ID	Depth	BTEX	Benzene	GRO	DRO	MRO	Total TPH	Cl
Sample ID	(BGS)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
	1'	ND	ND	ND	ND	ND	0	59.7
S14	2'	ND	ND	ND	ND	ND	0	67.2
314	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
313	3'	ND	ND	ND	ND	ND	0	81
	4'	ND	ND	ND	ND	ND	0	61.4
	1'	ND	ND	ND	ND	ND	0	79.5
S16	2'	ND	ND	ND	ND	ND	0	74.6
310	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

575-964-7740



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

N	MOCD Table	e 1 Closur	e Criteria 19	.15.29 NM	AC (Depth t	o Ground	water 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										
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-Anylyte Not Detected

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

N	MOCD Table	e 1 Closure	e Criteria 19	.15.29 NM	AC (Depth t	o Ground	water is <50')					
	DEVON ENERGY Blue Krait 23-14 Federal 2H-NOY1736334624											
Date: 11-11-2	24	NM Approved Laboratory Results										
Sample ID	Depth	BTEX	Benzene	GRO	DRO	MRO	Total TPH	Cl				
Sample ID	(BGS)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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-Anylyte Not Detected

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

N	MOCD Table	e 1 Closure	e Criteria 19	.15.29 NM	AC (Depth t	o Ground	water is <50')		
	DEV	ON ENER	GY Blue Krai	t 23-14 Fe	deral 2H-NO	Y1736334	624		
Date: 11-11-24 NM Approved Laboratory Results									
Commis ID	Depth	BTEX	Benzene	GRO	DRO	MRO	Total TPH	Cl	
Sample ID	(BGS)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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-Anylyte Not Detected



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

N	MOCD Table	e 1 Closure	e Criteria 19	.15.29 NM	AC (Depth t	o Ground	water is <50')		
	DEV	ON ENER	GY Blue Krai	t 23-14 Fe	deral 2H-NO	Y1736334	624		
Date: 11-11-7	24	NM Approved Laboratory Results							
Commis ID	Depth	BTEX	Benzene	GRO	DRO	MRO	Total TPH	Cl	
Sample ID	(BGS)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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-Anylyte Not Detected

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

N	MOCD Table	e 1 Closure	e Criteria 19	.15.29 NM	AC (Depth t	o Ground	water is <50')		
	DEV	ON ENER	GY Blue Krai	t 23-14 Fe	deral 2H-NO	Y1736334	624		
Date: 11-11-2	24	NM Approved Laboratory Results							
Campila ID	Depth	BTEX	Benzene	GRO	DRO	MRO	Total TPH	Cl	
Sample ID	(BGS)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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 <a href="mailto:Jim.raley@dvn.com">Jim.raley@dvn.com</a>.

Pima Environmental – Gio Gomez – 806-782-1151 or <a href="mailto:Gio@pimaoil.com">Gio@pimaoil.com</a>.

Respectfully,

Gio Gomez Project Manager

Pima Environmental Services, LLC

Hobbs, NM 88240 575-964-7740



#### **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 Date, FEMA, and Wetlands Map

Appendix C – 48 Hour Notification

Appendix D – Photographic Documentation

Appendix E – Laboratory Reports



# Figures:

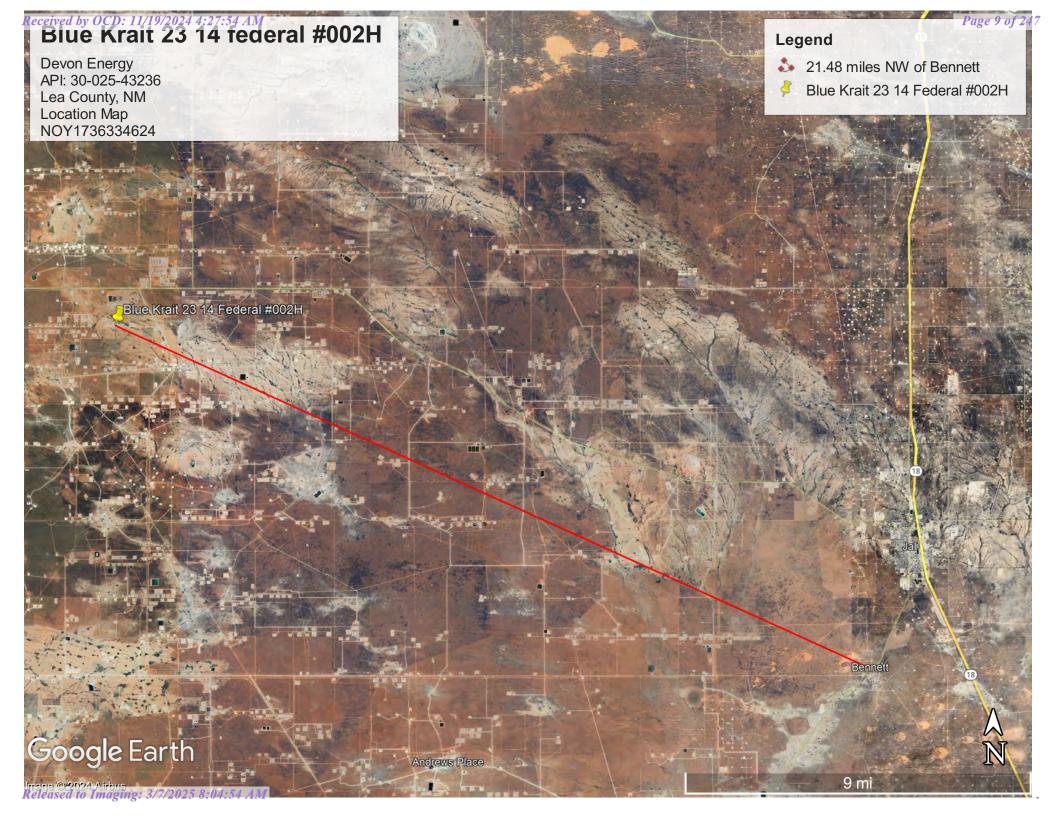
Figure 1- Location Map

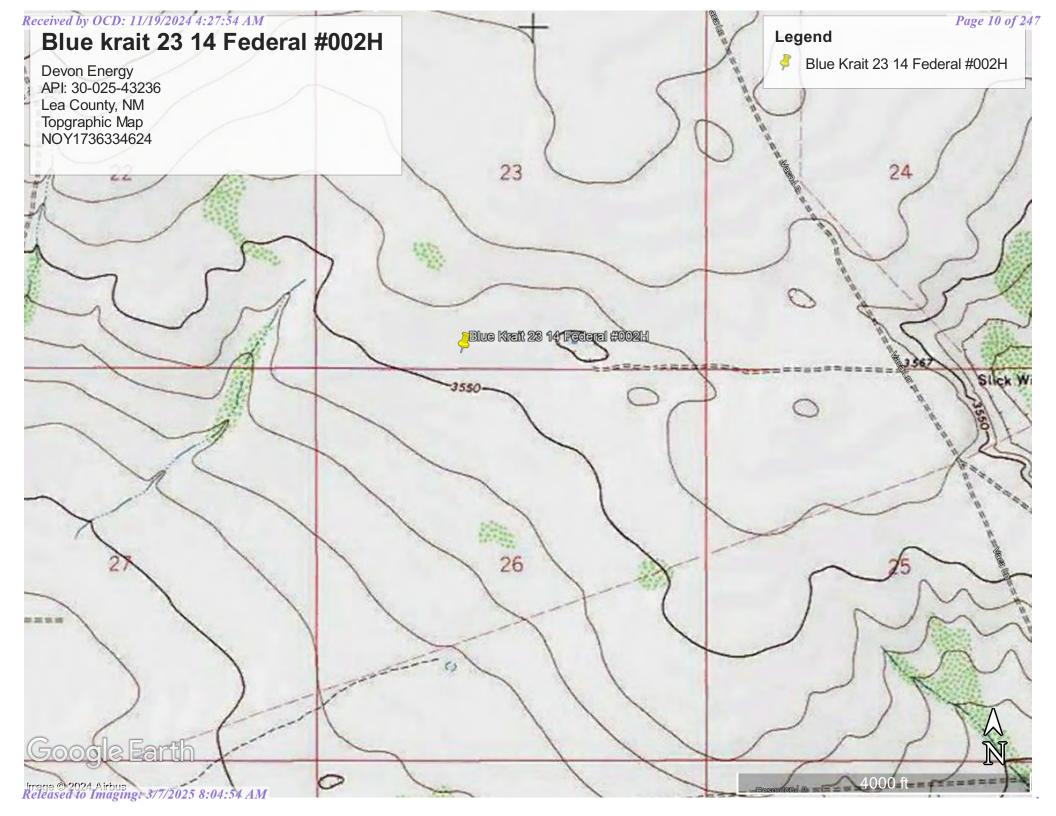
Figure 2- Topographic Map

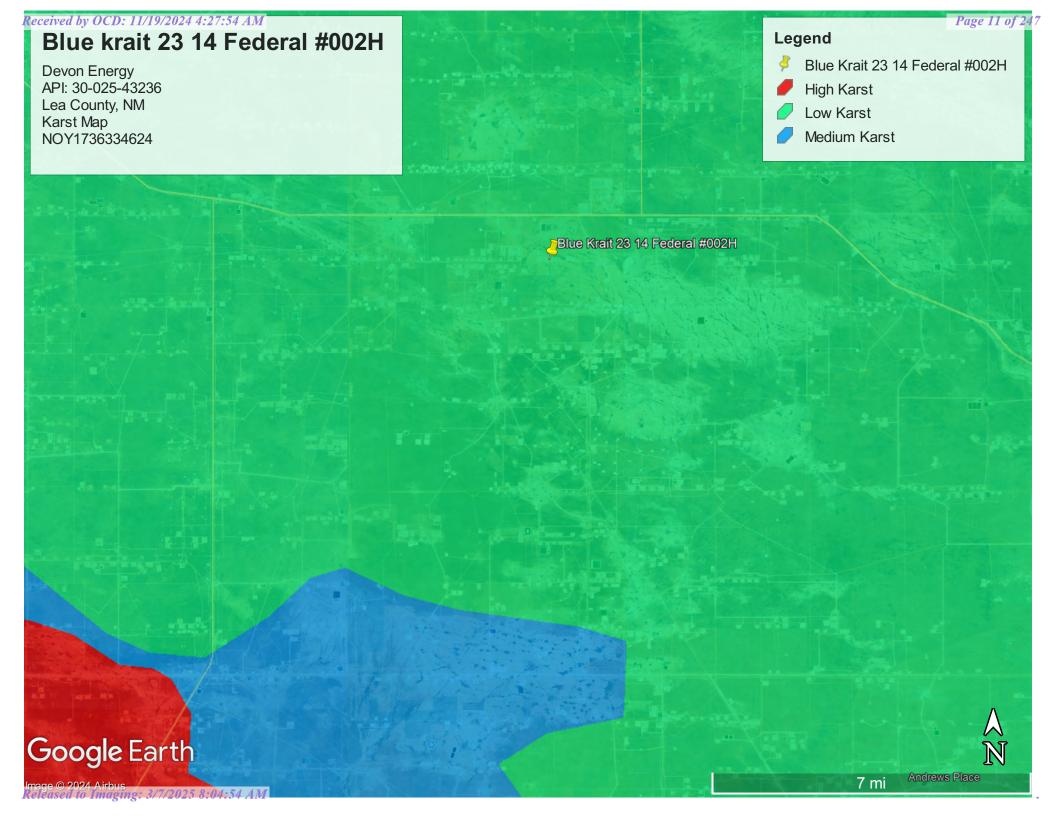
Figure 3- Karst Map

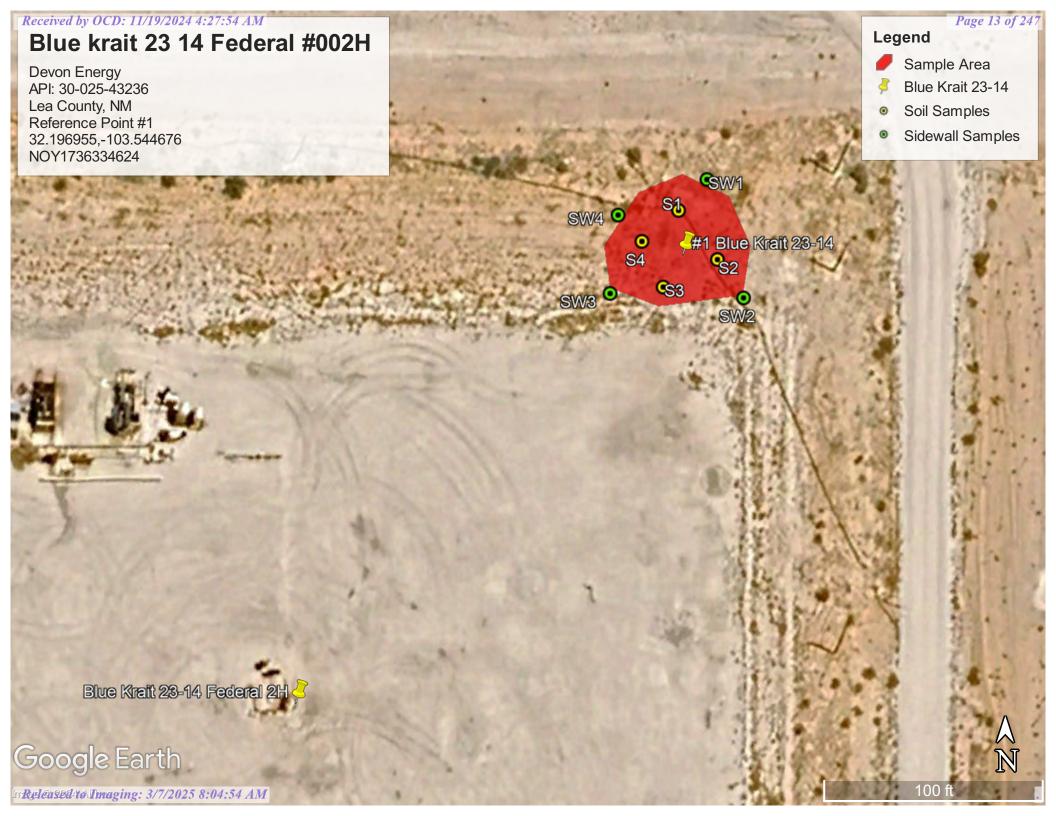
Figure 4- Site Map & Reference Points

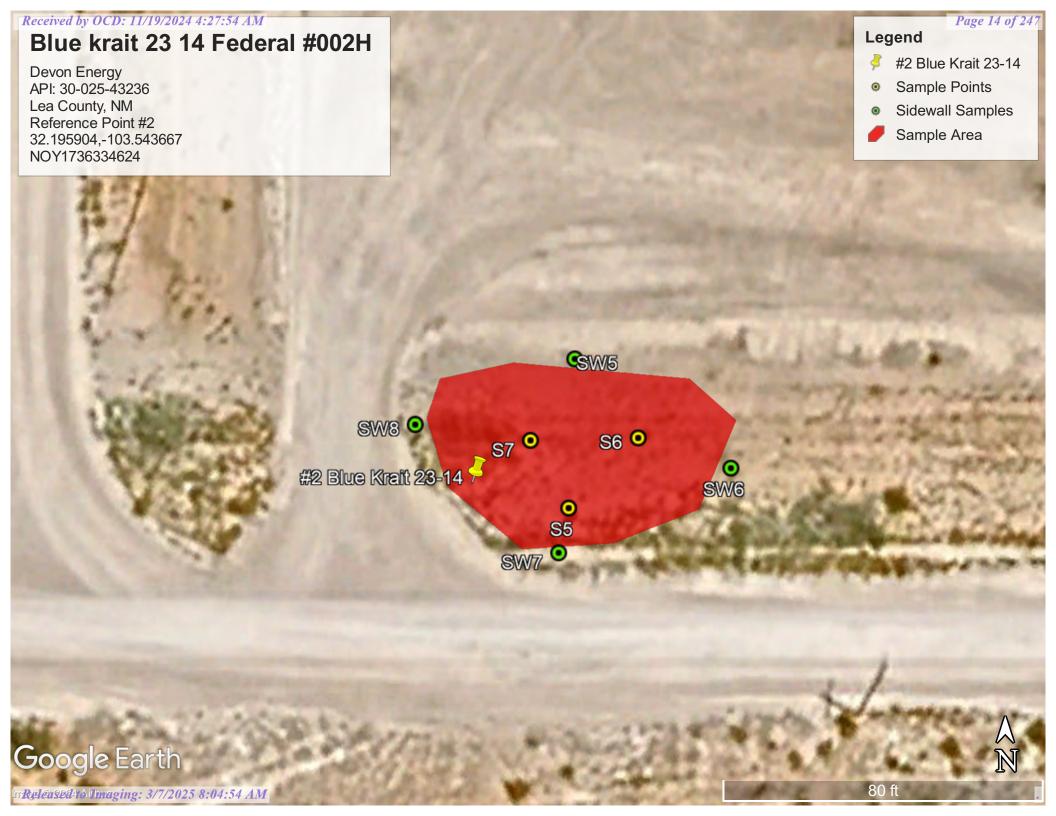
Figure 5- Confirmation Sample Maps

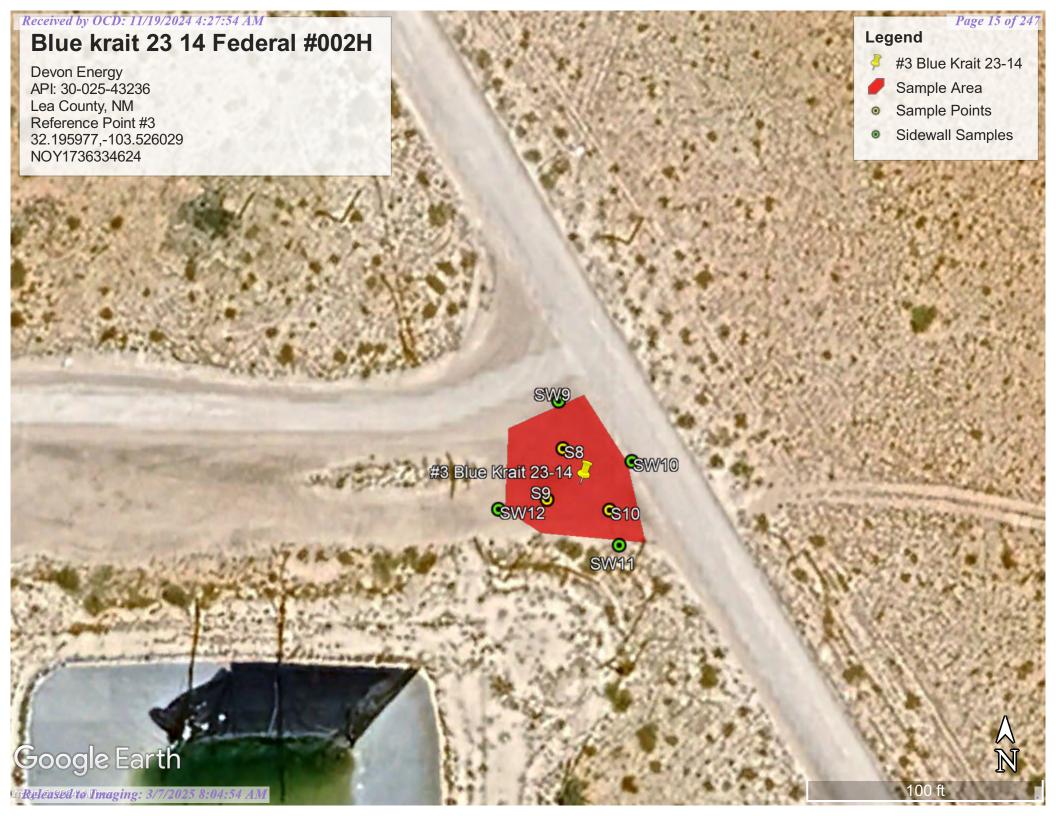












Received by OCD: 11/19/2024 4:27:54 AM

# 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

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Sample Area

Sample Points

Sidewall Samples

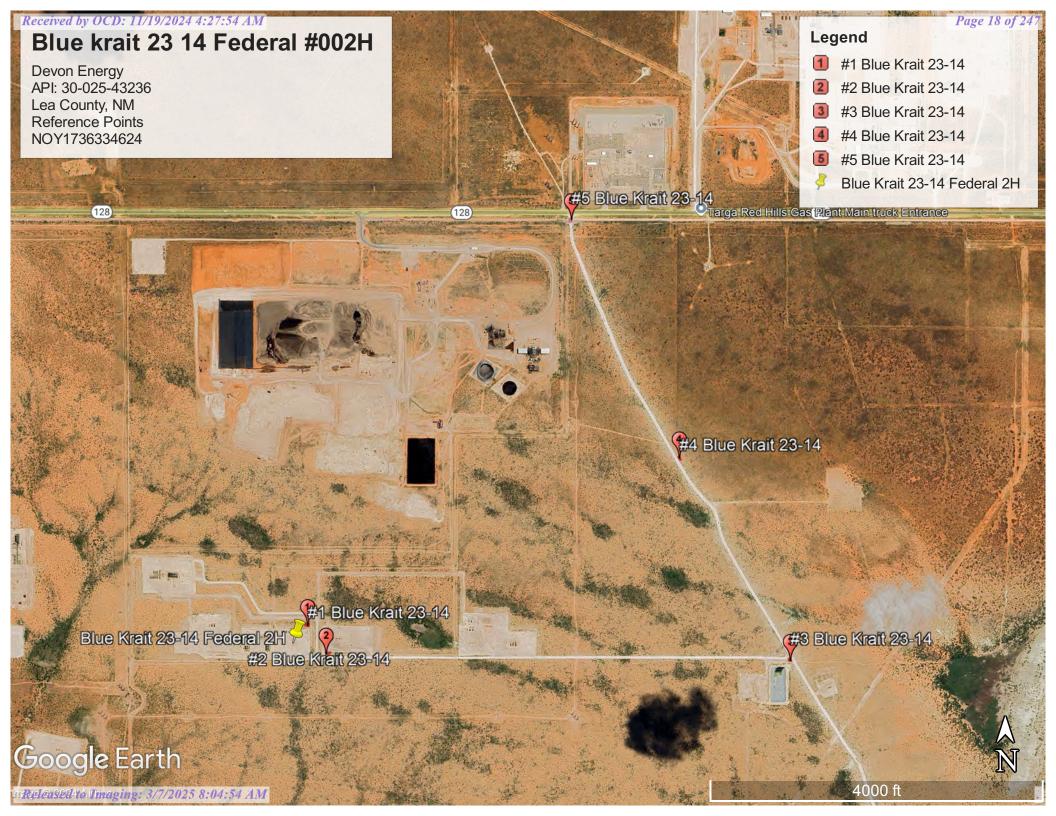


Google Earth

N

90 ft





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

#1 Blue Krait 23-14



## Legend

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

Blue Krait 23-14 Federal 2H

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

#2 Blue Krait 23-14 CCSW6
CSW8

## Legend

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

N

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

## Legend

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







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

#4 Blue Krait 23-14 CSW14
CS4
CSW16 CSW15

## Legend

- 44 Blue Krait 23-14
- CS4 Confirmation Sample
- CSW13 CSW16 Confirmation Sidewalls

Google Earth



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



## Legend

- 45 Blue Krait 23-14
- CS5 Confirmation Sample
- CSW17 CSW20 Confirmation Sidewalls





# Appendix A

Water Surveys:

- OSE
- USGS
- Surface Water Map

Received by OCD: 11/19/2024 4:27:54 AM

# **Water Right Summary**



<u>list</u>

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
get images	<u>654344</u>	EXPL	2019-07-11	PMT	APR	C 04339 POD1-10	Т	0.000	0.000

# **Current Points of Diversion**

POD Number	Well Tag	Source	Q64	Q16	Q4	Sec	Tws	Rng	X	Υ	Мар	Other Location Desc
<u>C 04339 POD1</u>	NA		NW	SW	SW	23	24S	33E	636525.3	3563309.0	•	VZ-1
C 04339 POD10	NA		SE	NW	SE	23	24S	33E	637687.8	3563503.6	•	VZ-10
<u>C 04339 POD2</u>	NA		NE	SW	SW	23	24S	33E	636789.2	3563315.6	•	VZ-2
<u>C 04339 POD3</u>	NA		NE	SE	SW	23	24S	33E	637273.3	3563323.1	•	VZ-3
<u>C 04339 POD4</u>	NA		NE	SE	SW	23	24S	33E	637273.3	3563323.1	•	VZ-4
<u>C 04339 POD5</u>	NA		NE	SW	SE	23	24S	33E	637579.9	3563328.5	•	VZ-5
<u>C 04339 POD6</u>	NA		SW	NW	NE	23	24S	33E	637340.3	3564386.9	•	VZ-6
<u>C 04339 POD7</u>	NA		SE	SE	NE	23	24S	33E	636473.4	3564011.4	•	VZ-7
<u>C 04339 POD8</u>	NA		NW	NW	SW	23	245	33E	636518.9	3563681.6	•	VZ-8
<u>C 04339 POD9</u>	NA		SW	SE	NE	23	245	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	Υ	Мар
NA	C 04339 POD10	SE	NW	SE	23	24S	33E	637687.8	3563503.6	•

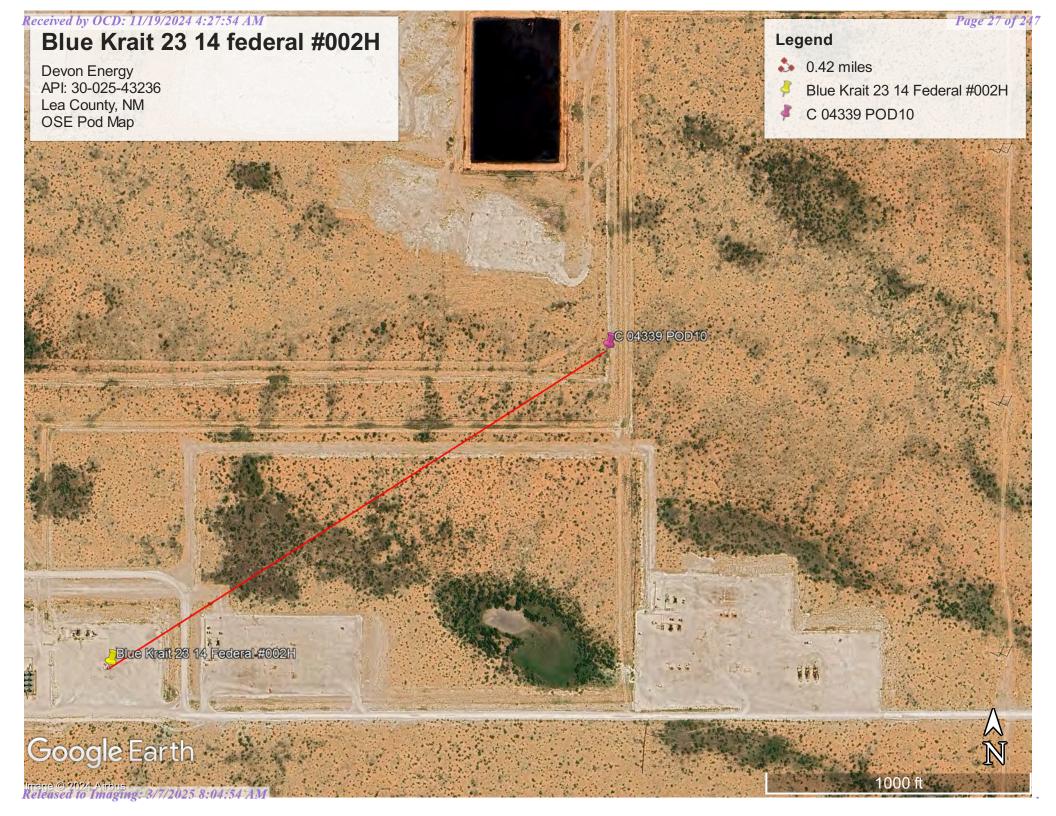
\* UTM location was derived from PLSS - see Help

				_	
Driller License:	1575	Driller Company:	CURRIE DRILLING COMPANY, INC		
Driller Name:	CURRIE, SHA	NEGTY"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, or suitability for any particular purpose of the data.

10/28/24 1:24 PM MST Point of Diversion Summary

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USGS Home Contact USGS Search USGS

# **National Water Information System: Web Interface**

**USGS Water Resources** 

Data Category:		Geographic Area:		
Groundwater	~	United States	~	GO

#### Click to hideNews Bulletins

• Explore the NEW <u>USGS National Water Dashboard</u> interactive map to access realtime water data from over 13,500 stations nationwide.

Groundwater levels for the Nation

Important: <u>Next Generation Monitoring Location Page</u>

# 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

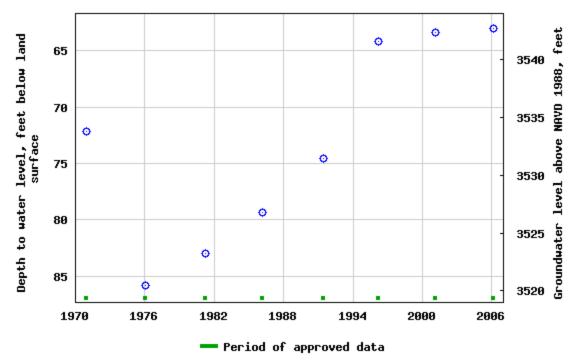
## USGS 321403103300301 24S.34E.07.22222

Available data for this site	Groundwater:	Field measurements		GO
Lea County, New Mexico				
Hydrologic Unit Code 1307	0007			
Latitude 32°14'03", Longit	tude 103°3	0'03" NAD27		
Land-surface elevation 3,6	06 feet abo	ve NAVD88		
This well is completed in th	ne Other aq	uifers (N9999OT	HER)	national aquifer.
This well is completed in th	ne Ogallala <sup>°</sup>	Formation (1210	)GLL)	local aquifer.

## **Output formats**

<u>Table of data</u>			
<u>Tab-separated data</u>			
Graph of data			
Reselect period			

#### USGS 321403103300301 245.34E.07.22222



Breaks in the plot represent a gap of at least one year between field measurements. <u>Download a presentation-quality graph</u>

Questions or Comments
Help
Data Tips
Explanation of terms
Subscribe for system changes

Accessibility

FOIA

Privacy

Policies and Notices

U.S. Department of the Interior | U.S. Geological Survey

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

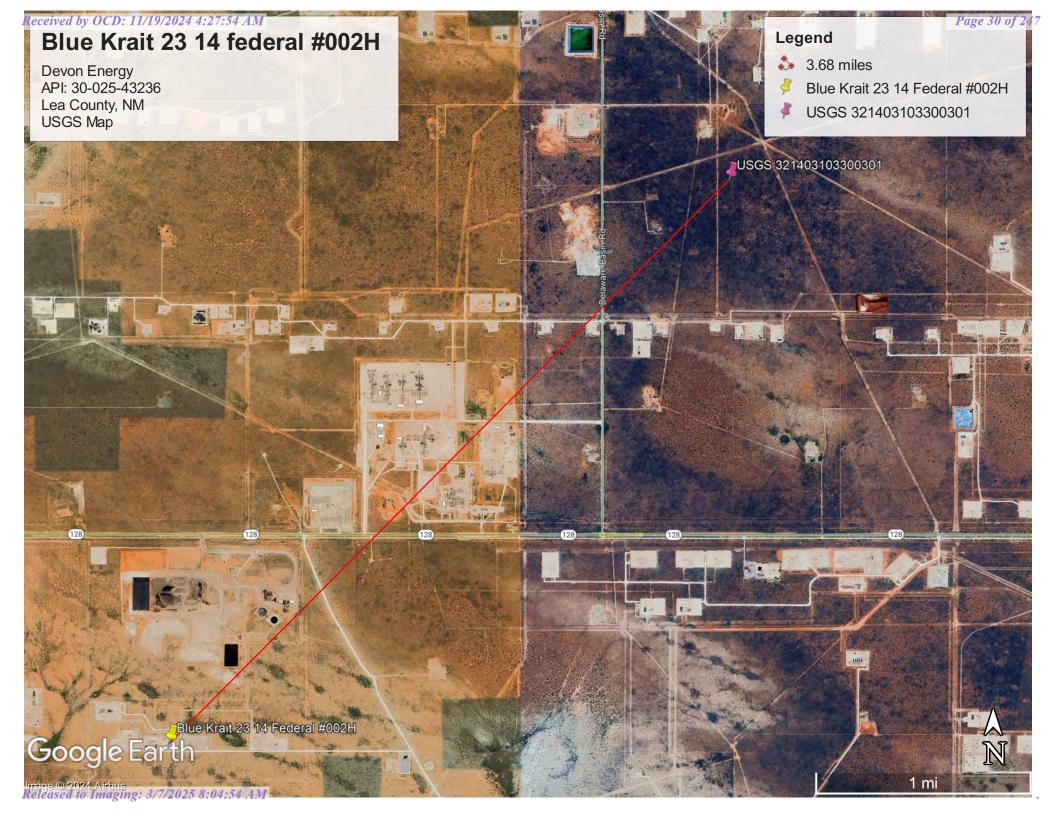
URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

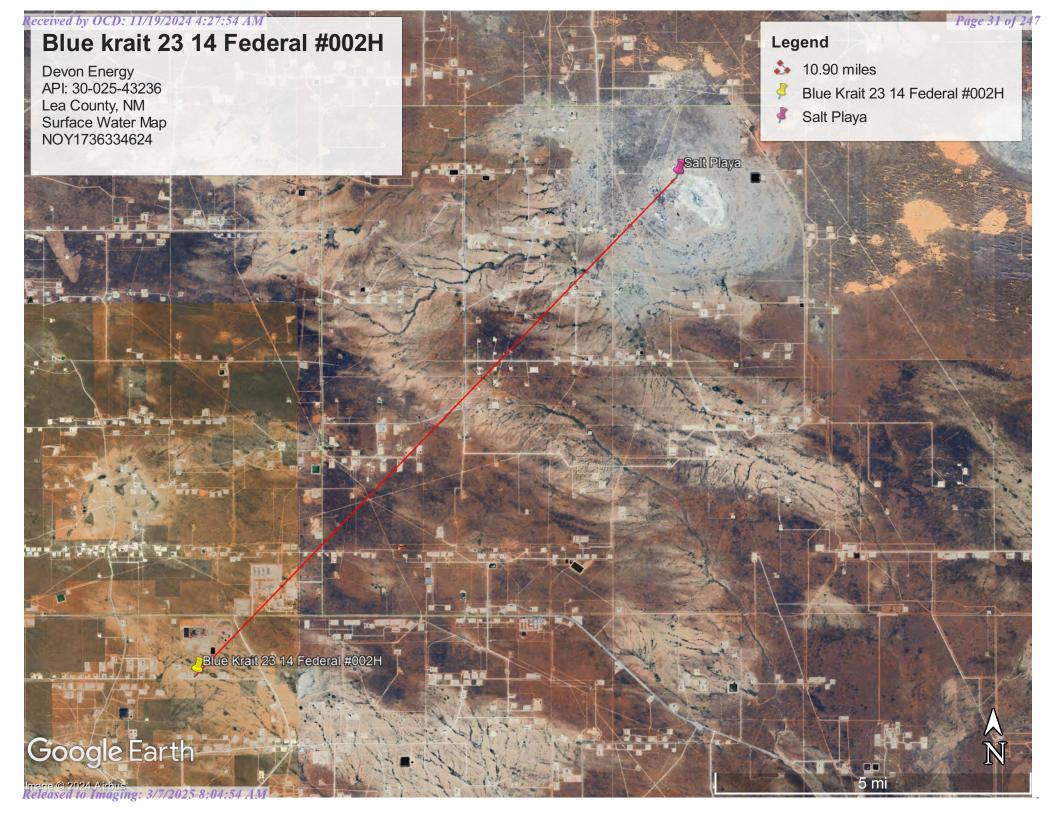
Page Contact Information: <u>USGS Water Data Support Team</u>

Page Last Modified: 2024-10-28 15:08:46 EDT

0.91 0.63 nadww02









# Appendix B

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

## 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)

## 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

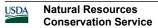
#### **Minor Components**

#### Kimbrough

Percent of map unit: 6 percent

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

Hydric soil rating: No



## 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.

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.

https://pubs.er.usgs.gov/publication/ofr9752 (https://pubs.er.usgs.gov/publication/ofr9752)

NGMDB	NGMDB product page for 59219
product	(https://ngmdb.usgs.gov/Prodesc/proddesc_59219.htm)
	NGMDB product page for 22974
	(https://ngmdb.usgs.gov/Prodesc/proddesc_22974.htm)

#### Counties

Bernalillo (/geology/state/fips-unit.php?code=f35001) - Catron (/geology/state/fipsunit.php?code=f35003) - Chaves (/geology/state/fips-unit.php?code=f35005) -Colfax (/geology/state/fips-unit.php?code=f35007) - DeBaca (/geology/state/fipsunit.php?code=f35011) - Dona Ana (/geology/state/fips-unit.php?code=f35013) -Eddy (/geology/state/fips-unit.php?code=f35015) - Grant (/geology/state/fipsunit.php?code=f35017) - Guadalupe (/geology/state/fips-unit.php?code=f35019) -Hidalgo (/geology/state/fips-unit.php?code=f35023) - Lea (/geology/state/fipsunit.php?code=f35025) - Lincoln (/geology/state/fips-unit.php?code=f35027) - Los Alamos (/geology/state/fips-unit.php?code=f35028) - Luna (/geology/state/fipsunit.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/fipsunit.php?code=f35043) - San Miguel (/geology/state/fips-unit.php?code=f35047) -Santa Fe (/geology/state/fips-unit.php?code=f35049) - Sierra (/geology/state/fipsunit.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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DOI Privacy Policy (https://www.doi.gov/privacy) | Legal (https://www.usgs.gov/laws/policies_notices.html) |
Accessibility (https://www2.usgs.gov/laws/accessibility.html) | Site Map (https://www.usgs.gov/sitemap.html) |
Contact USGS (https://answers.usgs.gov/)
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U.S. Department of the Interior (https://www.doi.gov/) | DOI Inspector General (https://www.doioig.gov/) |
White House (https://www.whitehouse.gov/) | E-gov (https://www.whitehouse.gov/omb/management/egov/) |
No Fear Act (https://www.doi.gov/pmb/eeo/no-fear-act) | FOIA (https://www2.usgs.gov/foia)
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(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)

## **Ogallala Formation**

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

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	te 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

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.

https://pubs.er.usgs.gov/publication/ofr9752 (https://pubs.er.usgs.gov/publication/ofr9752)

USGS Geologic Names lexicon found at:

http://ngmdb.usgs.gov/Geolex/

https://ngmdb.usgs.gov/Geolex/search (https://ngmdb.usgs.gov/Geolex/search)

(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)  Piedmont alluvial deposits		
Name			
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.

https://pubs.er.usgs.gov/publication/ofr9752 (https://pubs.er.usgs.gov/publication/ofr9752)

NGMDB	NGMDB product page for 59219	
product	(https://ngmdb.usgs.gov/Prodesc/proddesc_59219.htm)	
	NGMDB product page for 22974	
	(https://ngmdb.usgs.gov/Prodesc/proddesc_22974.htm)	

#### Counties

Bernalillo (/geology/state/fips-unit.php?code=f35001) - Catron (/geology/state/fipsunit.php?code=f35003) - Chaves (/geology/state/fips-unit.php?code=f35005) -Colfax (/geology/state/fips-unit.php?code=f35007) - DeBaca (/geology/state/fipsunit.php?code=f35011) - Dona Ana (/geology/state/fips-unit.php?code=f35013) -Eddy (/geology/state/fips-unit.php?code=f35015) - Grant (/geology/state/fipsunit.php?code=f35017) - Guadalupe (/geology/state/fips-unit.php?code=f35019) -Hidalgo (/geology/state/fips-unit.php?code=f35023) - Lea (/geology/state/fipsunit.php?code=f35025) - Lincoln (/geology/state/fips-unit.php?code=f35027) - Los Alamos (/geology/state/fips-unit.php?code=f35028) - Luna (/geology/state/fipsunit.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/fipsunit.php?code=f35043) - San Miguel (/geology/state/fips-unit.php?code=f35047) -Santa Fe (/geology/state/fips-unit.php?code=f35049) - Sierra (/geology/state/fipsunit.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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DOI Privacy Policy (https://www.doi.gov/privacy) | Legal (https://www.usgs.gov/laws/policies_notices.html) |
Accessibility (https://www2.usgs.gov/laws/accessibility.html) | Site Map (https://www.usgs.gov/sitemap.html) |
Contact USGS (https://answers.usgs.gov/)
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U.S. Department of the Interior (https://www.doi.gov/) | DOI Inspector General (https://www.doioig.gov/) |
White House (https://www.whitehouse.gov/) | E-gov (https://www.whitehouse.gov/omb/management/egov/) |
No Fear Act (https://www.doi.gov/pmb/eeo/no-fear-act) | FOIA (https://www2.usgs.gov/foia)
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#### Counties

Chaves (/geology/state/fips-unit.php?code=f35005) - Colfax (/geology/state/fips-unit.php?code=f35007) - Curry (/geology/state/fips-unit.php?code=f35009) - DeBaca (/geology/state/fips-unit.php?code=f35011) - Eddy (/geology/state/fips-unit.php?code=f35015) - Guadalupe (/geology/state/fips-unit.php?code=f35019) - Harding (/geology/state/fips-unit.php?code=f35021) - Lea (/geology/state/fips-unit.php?code=f35027) - Mora (/geology/state/fips-unit.php?code=f35027) - Mora (/geology/state/fips-unit.php?code=f35037) - Roosevelt (/geology/state/fips-unit.php?code=f35041) - San Miguel (/geology/state/fips-unit.php?code=f35057) - Union (/geology/state/fips-unit.php?code=f35059)

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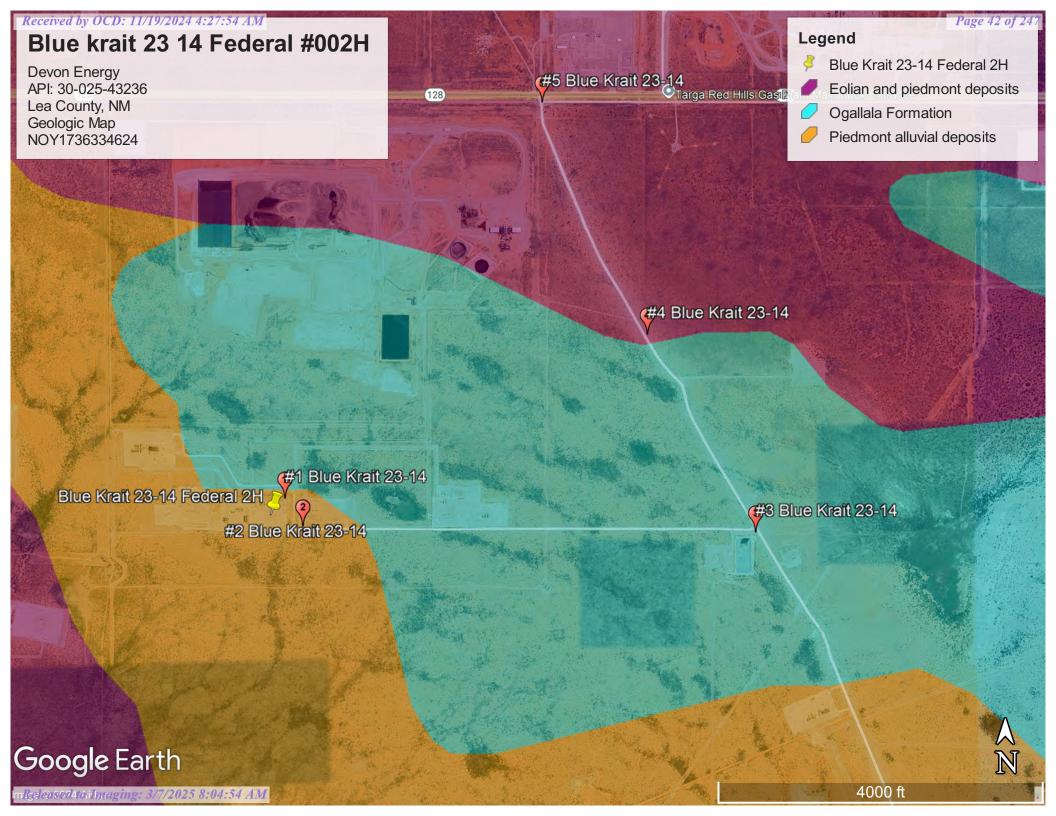
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Contact USGS (https://answers.usgs.gov/)
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U.S. Department of the Interior (https://www.doi.gov/) | DOI Inspector General (https://www.doioig.gov/) |

White House (https://www.whitehouse.gov/) | E-gov (https://www.whitehouse.gov/omb/management/egov/) |

No Fear Act (https://www.doi.gov/pmb/eeo/no-fear-act) | FOIA (https://www2.usgs.gov/foia)
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OReleas 240 Imaging: 3/7/2025 8:909:54 AM

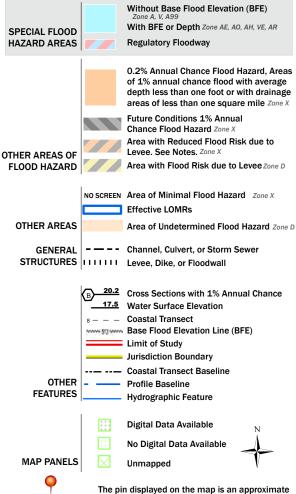
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#### Legend

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



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

point selected by the user and does not represent

an authoritative property location.

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.



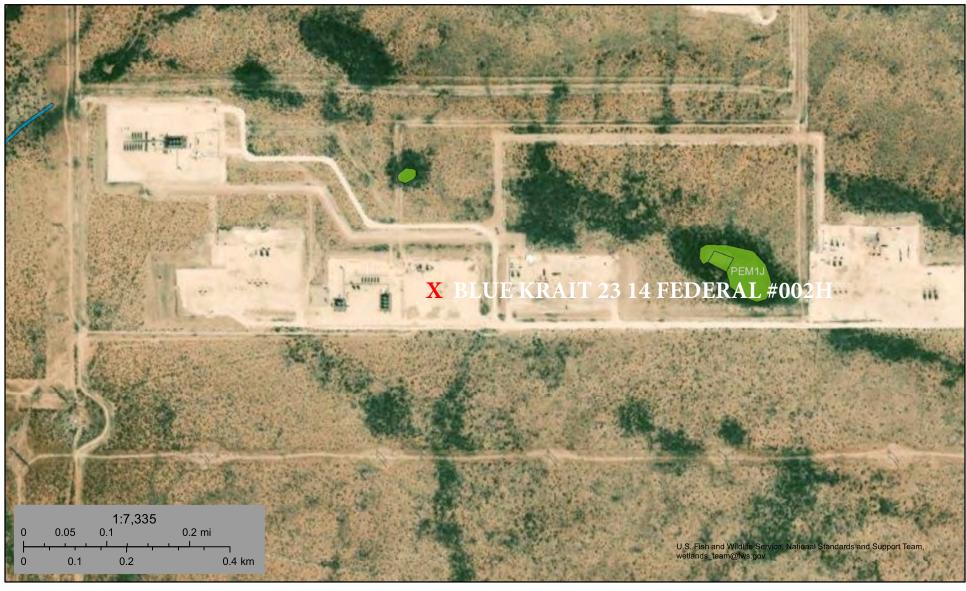
2,000

# FESILA WILINIFE SERVICE

#### U.S. Fish and Wildlife Service

## **National Wetlands Inventory**

## Wetlands



May 30, 2024

#### Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

Freshwater Pond

Lake

Other

Riverine

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



# Appendix C

48-Hour Notification

<u>District I</u> 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

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:		OGRID:
ı	DEVON ENERGY PRODUCTION COMPANY, LP	6137
ı	333 West Sheridan Ave.	Action Number:
ı	Oklahoma City, OK 73102	400120
ı		Action Type:
ı		[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 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

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

#### CONDITIONS

Created	Condition	Condition
Ву		Date
jraley	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



#### 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.



#### 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.



#### 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.

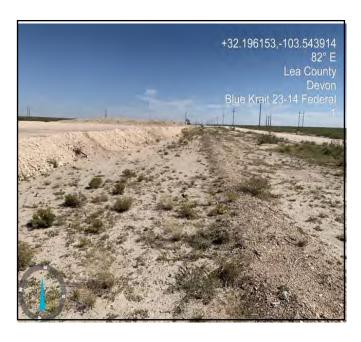


#### NAME: Blue Krait Federal 23 14 Fed 2H

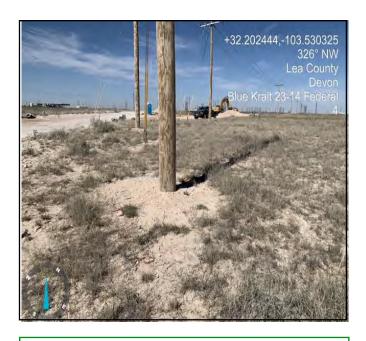
#### Assessment 4) 32.202441,-103.530320



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.



#### 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.



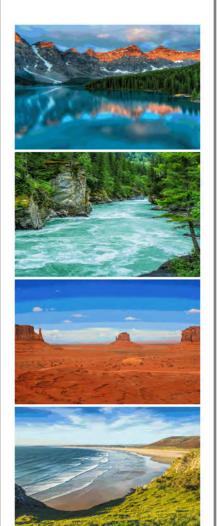
Point of reference area 5, Facing West.



# Appendix E

Laboratory Reports

Report to:
Gio Gomez



5796 U.S. Hwy 64 Farmington, NM 87401

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





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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

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 reguarding 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

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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	

lient Sample ID La	ab Sample ID	Matrix	Sampled	Received	Container
I-1' E	405235-01A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
I-2' E4	405235-02A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
L-3' E4	405235-03A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
I-4' E4	405235-04A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
2-1' E4	405235-05A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
2-2' E4	405235-06A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
2-3' E4	405235-07A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
2-4' E4	405235-08A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
3-1' E4	405235-09A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
3-2' E4	405235-10A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
3-3' E4	405235-11A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
3-4' E4	405235-12A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
4-1' E-4	405235-13A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
1-2' E4	405235-14A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
4-3' E4	405235-15A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
1-4' E4	405235-16A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
W1 E4	405235-17A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
E	405235-17B	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
W2 E4	405235-18A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
E	405235-18B	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
W3 E4	405235-19A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
E	405235-19B	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
W4 E4	405235-20A	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.
E	405235-20B	Soil	05/15/24	05/17/24	Glass Jar, 2 oz.

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	5/28/2024 4:11:09PM

#### S1-1' E405235-01

Reporting							
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2421061
Benzene	ND	0.0250	1	1	05/21/24	05/23/24	
Ethylbenzene	ND	0.0250	1	l	05/21/24	05/23/24	
Toluene	ND	0.0250	1	l	05/21/24	05/23/24	
o-Xylene	ND	0.0250	1	1	05/21/24	05/23/24	
p,m-Xylene	ND	0.0500	1	1	05/21/24	05/23/24	
Total Xylenes	ND	0.0250	1	l	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	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2421061
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	几		Batch: 2421070
Diesel Range Organics (C10-C28)	ND	25.0	1	1	05/22/24	05/24/24	
Oil Range Organics (C28-C36)	ND	50.0	1	l	05/22/24	05/24/24	
Surrogate: n-Nonane		108 %	50-200		05/22/24	05/24/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2421082



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	5/28/2024 4:11:09PM

#### S1-2' E405235-02

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	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	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: IY		Batch: 2421082
Chloride	ND	20.0	1	05/22/24	05/22/24	



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	5/28/2024 4:11:09PM

#### S1-3' E405235-03

		2.00200 00					
Analyta	Result	Reporting Limit		ution	Duomonod	Analyzed	Notes
Analyte	Kesuit	Limit	Dill	ution	Prepared	Anaiyzed	notes
Volatile Organic Compounds by EPA 8260B	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	
Nonhalogenated Organics by EPA 8015D - GRO	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	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	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: IY		Batch: 2421082
Chloride	23.8	20.0		1	05/22/24	05/22/24	

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	5/28/2024 4:11:09PM

## S1-4'

		E405235-04					
		Reporting					
Analyte	Result	Limit	Dilut	tion Pr	epared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	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	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	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	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: IY			Batch: 2421082
Chloride	30.0	20.0	1	0.5	/22/24	05/22/24	



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	5/28/2024 4:11:09PM

#### S2-1' E405235-05

Analyte	Result	Reporting Limit	Dilut	tian	Prepared	Analyzed	Notes
Analyte	Resuit	Limit	Dilui	поп	Frepared	Anaryzeu	notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: Rl	KS		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	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: Rl	KS		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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	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	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: IY	7		Batch: 2421082
Chloride	60.2	20.0	1		05/22/24	05/22/24	



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	5/28/2024 4:11:09PM

S2-2' E405235-06

		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	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	
Nonhalogenated Organics by EPA 8015D - GRO	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	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	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2421082
	ND	20.0		1	05/22/24	05/22/24	

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	5/28/2024 4:11:09PM

#### S2-3' E405235-07

Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst		- I mary zea	Batch: 2421061
Benzene	ND	0.0250		1	05/21/24	05/23/24	Butch: 2 121001
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	
Nonhalogenated Organics by EPA 8015D - GRO	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	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	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: IY		Batch: 2421082
Chloride	22.9	20.0		1	05/22/24	05/22/24	



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	5/28/2024 4:11:09PM

S2-4'

E405235-08							
		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2421061
Benzene	ND	0.0250	1	1	05/21/24	05/23/24	
Ethylbenzene	ND	0.0250	1	1	05/21/24	05/23/24	
Toluene	ND	0.0250	1	1	05/21/24	05/23/24	
o-Xylene	ND	0.0250	1	1	05/21/24	05/23/24	
p,m-Xylene	ND	0.0500	1	1	05/21/24	05/23/24	
Total Xylenes	ND	0.0250	1	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	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2421061
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	ЛL		Batch: 2421070
Diesel Range Organics (C10-C28)	ND	25.0	1	1	05/22/24	05/24/24	_
Oil Range Organics (C28-C36)	ND	50.0	1	1	05/22/24	05/24/24	
Surrogate: n-Nonane		113 %	50-200		05/22/24	05/24/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2421082
Chloride	31.0	20.0	1	1	05/22/24	05/22/24	



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	5/28/2024 4:11:09PM

#### S3-1' E405235-09

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: RK	ζS		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	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: RK	KS .		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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	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	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: IY			Batch: 2421082
Chloride	66.0	20.0	1		05/22/24	05/22/24	

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	5/28/2024 4:11:09PM

S3-2' E405235-10

	_	Reporting	;			
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	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	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: IY		Batch: 2421082
Chloride	ND	20.0	1	05/22/24	05/22/24	

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	5/28/2024 4:11:09PM

S3-3' E405235-11

		E403235-11				
Analyte	Result	Reporting Limit	Dilut	tion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS	, 34	Batch: 2421061
Benzene	ND	0.0250	1	05/21/24	05/23/24	Batch. 2421001
Ethylbenzene	ND 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	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	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	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: IY		Batch: 2421082
Chloride	41.0	20.0	1	05/22/24	05/22/24	

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	5/28/2024 4:11:09PM

S3-4' E405235-12

Analyte	Result	Reporting Limit	Dil	lution	Prepared	Analyzed	Notes
Timulyee					•	rmaryzea	
Volatile Organic Compounds by EPA 8260B	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	
Nonhalogenated Organics by EPA 8015D - GRO	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	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	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2421082

20.0

05/22/24

05/22/24

34.8



Chloride

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	5/28/2024 4:11:09PM

#### S4-1' E405235-13

		E403233-13					
Analyte	Result	Reporting Limit	Dilu	ution	Prepared	Analyzed	Notes
- Amarya	Result	Lillit	Dilu	111011	1 repared	Anaryzed	notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2421061
Benzene	ND	0.0250	1	1	05/21/24	05/23/24	
Ethylbenzene	ND	0.0250	1	1	05/21/24	05/23/24	
Toluene	ND	0.0250	1	1	05/21/24	05/23/24	
o-Xylene	ND	0.0250	1	1	05/21/24	05/23/24	
p,m-Xylene	ND	0.0500	1	1	05/21/24	05/23/24	
Total Xylenes	ND	0.0250	1	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	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2421061
Gasoline Range Organics (C6-C10)	ND	20.0	1	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	ЛL		Batch: 2421070
Diesel Range Organics (C10-C28)	ND	25.0	1	1	05/22/24	05/24/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	05/22/24	05/24/24	
Surrogate: n-Nonane		104 %	50-200		05/22/24	05/24/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2421082
Chloride	74.7	20.0	1	1	05/22/24	05/22/24	



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	5/28/2024 4:11:09PM

#### S4-2' E405235-14

Analyte	Result	Reporting Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: F	RKS		Batch: 2421061
Benzene	ND	0.0250	1	<u> </u>	05/21/24	05/23/24	
Ethylbenzene	ND	0.0250	1		05/21/24	05/23/24	
Toluene	ND	0.0250	1	l	05/21/24	05/23/24	
o-Xylene	ND	0.0250	1	l	05/21/24	05/23/24	
p,m-Xylene	ND	0.0500	1	l	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	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: F	RKS		Batch: 2421061
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: J	L		Batch: 2421070
Diesel Range Organics (C10-C28)	ND	25.0	1	l	05/22/24	05/24/24	
Oil Range Organics (C28-C36)	ND	50.0	1	l	05/22/24	05/24/24	
Surrogate: n-Nonane		111 %	50-200		05/22/24	05/24/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: Γ	Y		Batch: 2421082
Chloride	ND	20.0	1	l	05/22/24	05/22/24	

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	5/28/2024 4:11:09PM

S4-3' E405235-15

		E403235-13				
Analyte	Result	Reporting Limit	Dilut	tion Prepare	d Analyzed	Notes
· ·	mg/kg	mg/kg		Analyst: RKS		Batch: 2421061
Volatile Organic Compounds by EPA 8260B	ND	0.0250	1	05/21/2	4 05/23/24	Batch: 2421001
Benzene	ND ND	0.0250	1	05/21/2		
Ethylbenzene	ND ND	0.0250	1	05/21/2		
Toluene	ND ND	0.0250	1	05/21/2		
o-Xylene	ND ND	0.0230	1	05/21/2		
p,m-Xylene	ND ND	0.0300	1	05/21/2		
Total Xylenes	ND					
Surrogate: Bromofluorobenzene		111 %	70-130	05/21/2	4 05/23/24	
Surrogate: 1,2-Dichloroethane-d4		91.3 %	70-130	05/21/2	4 05/23/24	
Surrogate: Toluene-d8		106 %	70-130	05/21/2	4 05/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	P	Analyst: RKS		Batch: 2421061
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/2	4 05/23/24	
Surrogate: Bromofluorobenzene		111 %	70-130	05/21/2	4 05/23/24	
Surrogate: 1,2-Dichloroethane-d4		91.3 %	70-130	05/21/2	4 05/23/24	
Surrogate: Toluene-d8		106 %	70-130	05/21/2	4 05/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: JL		Batch: 2421070
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/2	4 05/24/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/2	4 05/24/24	
Surrogate: n-Nonane		113 %	50-200	05/22/2	4 05/24/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: IY		Batch: 2421082
Chloride	34.4	20.0	1	05/22/2	4 05/22/24	

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	5/28/2024 4:11:09PM

S4-4'

		E405235-16					
		Reporting					
Analyte	Result	Limit	Dilu	tion Prep	ared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: RKS			Batch: 2421061
Benzene	ND	0.0250	1	05/2	1/24	05/23/24	
Ethylbenzene	ND	0.0250	1	05/2	1/24	05/23/24	
Toluene	ND	0.0250	1	05/2	1/24	05/23/24	
o-Xylene	ND	0.0250	1	05/2	1/24	05/23/24	
p,m-Xylene	ND	0.0500	1	05/2	1/24	05/23/24	
Total Xylenes	ND	0.0250	1	05/2	1/24	05/23/24	
Surrogate: Bromofluorobenzene		111 %	70-130	05/2	1/24	05/23/24	
Surrogate: 1,2-Dichloroethane-d4		88.4 %	70-130	05/2	1/24	05/23/24	
Surrogate: Toluene-d8		104 %	70-130	05/2	1/24	05/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: RKS			Batch: 2421061
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/2	1/24	05/23/24	
Surrogate: Bromofluorobenzene		111 %	70-130	05/2	1/24	05/23/24	
Surrogate: 1,2-Dichloroethane-d4		88.4 %	70-130	05/2	1/24	05/23/24	
Surrogate: Toluene-d8		104 %	70-130	05/2	1/24	05/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: JL			Batch: 2421070
Diesel Range Organics (C10-C28)	ND	25.0	1	05/2	2/24	05/24/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/2	2/24	05/24/24	
Surrogate: n-Nonane	·	113 %	50-200	05/2	2/24	05/24/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: IY			Batch: 2421082
Chloride	31.5	20.0	1	05/2	2/24	05/22/24	



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	5/28/2024 4:11:09PM

#### SW1 E405235-17

		2100200 17					
Analyte	Result	Reporting Limit		ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2421061
Benzene	ND	0.0250		1	05/21/24	05/23/24	
Ethylbenzene	ND	0.0250	1	1	05/21/24	05/23/24	
Toluene	ND	0.0250		1	05/21/24	05/23/24	
o-Xylene	ND	0.0250	1	1	05/21/24	05/23/24	
p,m-Xylene	ND	0.0500	į	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	
Nonhalogenated Organics by EPA 8015D - GRO	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	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	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2421082
Chloride	40.9	20.0		1	05/22/24	05/22/24	



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	5/28/2024 4:11:09PM

#### SW2 E405235-18

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst:	几		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	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst:	IY		Batch: 2421082
Chloride	41.4	20.0	1		05/22/24	05/22/24	

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	5/28/2024 4:11:09PM

#### SW3 E405235-19

D. I	Reporting	P.11		D 1		N
Kesult	Limit	Dıl	ution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst:	: RKS		Batch: 2421061
ND	0.0250		1	05/21/24	05/23/24	
ND	0.0250		1	05/21/24	05/23/24	
ND	0.0250		1	05/21/24	05/23/24	
ND	0.0250		1	05/21/24	05/23/24	
ND	0.0500		1	05/21/24	05/23/24	
ND	0.0250		1	05/21/24	05/23/24	
	111 %	70-130		05/21/24	05/23/24	
	90.5 %	70-130		05/21/24	05/23/24	
	107 %	70-130		05/21/24	05/23/24	
mg/kg	mg/kg		Analyst:	: RKS		Batch: 2421061
ND	20.0		1	05/21/24	05/23/24	
	111 %	70-130		05/21/24	05/23/24	
	90.5 %	70-130		05/21/24	05/23/24	
	107 %	70-130		05/21/24	05/23/24	
mg/kg	mg/kg		Analyst	: Л		Batch: 2421070
ND	25.0		1	05/22/24	05/25/24	
ND	50.0		1	05/22/24	05/25/24	
	109 %	50-200		05/22/24	05/25/24	
mg/kg	mg/kg		Analyst	: IY		Batch: 2421082
21.2	20.0		1	05/22/24	05/22/24	
	ND Mg/kg ND Mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           III %         90.5 %           107 %         107 %           mg/kg         mg/kg           ND         20.0           III %         90.5 %           107 %         107 %           mg/kg         mg/kg           ND         25.0           ND         50.0           109 %         mg/kg           mg/kg         mg/kg	Result         Limit         Dil           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           III %         70-130           90.5 %         70-130           107 %         70-130           mg/kg         mg/kg           ND         20.0           111 %         70-130           90.5 %         70-130           107 %         70-130           mg/kg         mg/kg           ND         25.0           ND         50.0           mg/kg         mg/kg	Result         Limit         Dilution           mg/kg         mg/kg         Analyst           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         70-130         1           90.5 %         70-130         70-130           mg/kg         mg/kg         Analyst           ND         20.0         1           111 %         70-130         70-130           mg/kg         mg/kg         Analyst           ND         25.0         1           ND         50.0         1           109 %         50-200           mg/kg         Mg/kg         Analyst	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         05/21/24           ND         0.0250         1         05/21/24           ND         0.0250         1         05/21/24           ND         0.0250         1         05/21/24           ND         0.0500         1         05/21/24           ND         0.0250         1         05/21/24           ND         0.0250         1         05/21/24           90.5 %         70-130         05/21/24           90.5 %         70-130         05/21/24           107 %         70-130         05/21/24           90.5 %         70-130         05/21/24           90.5 %         70-130         05/21/24           107 %         70-130         05/21/24           107 %         70-130         05/21/24           107 %         70-130         05/21/24           ND         25.0         1         05/22/24           ND         50.0         1         05/22/24           ND         50.0         1         05/22/24	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         05/21/24         05/23/24           ND         0.0500         1         05/21/24         05/23/24           ND         0.0250         1         05/21/24         05/23/24           ND         0.0250         1         05/21/24         05/23/24           ND         0.0250         1         05/21/24         05/23/24           90.5 %         70-130         05/21/24         05/23/24           90.5 %         70-130         05/21/24         05/23/24           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         05/21/24         05/23/24           107 %         70-130         05/21/24         05/23/24           mg/kg         mg/kg         Analyst: JL           ND         25.0



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	5/28/2024 4:11:09PM

#### SW4

#### E405235-20

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	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	l	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	
Nonhalogenated Organics by EPA 8015D - GRO	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	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	Į.	05/22/24	05/25/24	
Surrogate: n-Nonane		112 %	50-200		05/22/24	05/25/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2421082



### **QC Summary Data**

Pima Environmental Services-CarlsbadProject Name:Blue Krait 23-14 Federal 2HReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Gio Gomez5/28/2024 4:11:09PM

Plains TX, 79355-0247		Project Manage	r: Gi	io Gomez				5/	28/2024 4:11:09PM
	Vo	olatile Organ	ic Compo	unds by EI	PA 82601	В			Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2421061-BLK1)							Prepared: 0:	5/21/24 Ana	lyzed: 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: 0	5/21/24 Ana	lyzed: 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: 0	5/21/24 Ana	lyzed: 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	
Foluene	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	
o,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			
-									

0.500

0.527

70-130

105



Surrogate: Toluene-d8

## **QC Summary Data**

Pima Environmental Services-CarlsbadProject Name:Blue Krait 23-14 Federal 2HReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Gio Gomez5/28/2024 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	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes

Blank (2421061-BLK1)						Prepared: 05	5/21/24 An	alyzed: 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	5/21/24 An	nalyzed: 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	5/21/24 An	nalyzed: 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-CarlsbadProject Name:Blue Krait 23-14 Federal 2HReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Gio Gomez5/28/20244:11:09PM

Fiams 1A, 79333-0247		Floject Manage	ı. Gi	o Goillez				3	720/2024 4.11.091 W
		Analyst: JL							
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2421070-BLK1)							Prepared: 0	5/22/24 Ana	alyzed: 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: 0	5/22/24 Ana	alyzed: 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: 0	5/22/24 Ana	alyzed: 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			



Analyst: IY

# **QC Summary Data**

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

Anions	by	EPA 300.0/9056A
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Analyte Re	Reporting sult Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
mş	g/kg mg/kg	mg/kg	mg/kg	%	%	%	%	Notes

Blank (2421082-BLK1)						Prepared: 05	/22/24 A	nalyzed: 05/22/24
Chloride	ND	20.0						
LCS (2421082-BS1)						Prepared: 05	/22/24 A	nalyzed: 05/22/24
Chloride	254	20.0	250	102	90-110			
LCS Dup (2421082-BSD1)						Prepared: 05	/22/24 A	nalyzed: 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**

ſ	Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	
١	PO Box 247	Project Number:	01058-0007	Reported:
١	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

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llent: P	ma Envi	nonmen	al Servic			Merical S	el galación.	HIV.	English and	45	- CELEGIA			TA		EPA Pr	Office
		Glo Gor	14 Feder	Attention: PVIII		XI.	and with					1D	2D	3D	Standard	CWA	SDWA
ddress;	5614 N.	Lovingb	on Hwy.	City, State, Zip			- Company	2 10 17	-		nd Metho	d					RCRA
hone: 8	06-782- 10@plm		4. 88240	Phone:  Email:  Pima Project # 2()9-1		2108 kg	by 800.5	170	0928	0.00.0		MA	2		NM CO	State UT AZ	
Time Sampled	Date Sempled	Matrix	No. of Containers	Sample ID	<b>3.</b> A	DRO/ORG	GRO/DRO	BTEX by 8021	VOC by 82	Chloride 300.0		BGDOC	BGDOC 1		XI	Remarks	
3:03	5/15	5		SI-1'						1		X					
8:06	[			51-21.	2												
8:15				SI- 3'	3												
8:22				51-4'	ч												
8:29				52-1'	5					+							
8:33				SZ-7'	6									T			
8:38				Sz- 3'	7					1							
8:46				52- 4'	8							$\Pi$					
8:52				53- 1'	9							П					
9:00				S3 2'	10							11					17-14-1
de a constance d	al Instru	and the same of the	Maria VIII landali	B# 21198860								14.8					
				ticity of this sample. I am aware that tampering with or intentionally n may be grounds for legal action. <u>Sampled By:</u>	islabelling te samp	le locat	lon,		5a pa	mples req cked in ice	ulring therma a at an avg te	al preserv mp above	ation n	oust be r	ecehed on ice the day of Cousubsequent de	hey are sample ys.	id or receive
Kouri	ed by: (Sign	me	Date	1624 1315	5-10	1:24		31	5	eceive	d on ice		Lab L	Jse O N	rily	1 7 7 6	
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che	ed by: (Sign			16.24 2400 Trisse	05: [-	1.24	Time		A	VG Te	mp °C	4					
Sample Mai	rix: 8 - Soil, 9	ld - Solid, Sg	- Sludge, A -	Aqueous, O - Other	- Caline	r Typ	e: g -	glass	m - not	Inlasti	7 70 70	ber gla	355, V	- VOA	The state of the s		
Note: 5am samples is	pies are dis applicable	only to the	days after n se samples	esults are reported unless other arrangements are made. Hazareceived by the laboratory with this COC. The liability of the lab	erdous ples wi	be re	turne	d to c	lent or di	sposed	of at the c	llent ex	pense	. The	rejot for the ana	lysis of the a	above



**Project Information** 

Chain of Custody

Page Z of 9

Client: P	ima Env Bive Lra	ronman	el Servic		- 4-71	the start	War in	14	3031	200	g singles (V)	THE REAL PROPERTY.			T/	T	FOA D	rogram
Prolect N	lanager:	Glo Gor	nez	Attention: PCV/0 //		F Fwi	<del>เมืองสม</del> เด		4	anger Sale		7	1D	2D	30	Standard	CWA	
Address:	5614 N.	Lovingt	on Hwy.	City, State, Zip		755		\$	-			Metho	d			人 人		
	e. Zio He		4.88240									T	T					RCRA
	106-782- 10@plm		1	Email:		Spo	500			- 1	- 1	1					State	
Report d				Pima Project # 309-/		1	by 8	170	9	9	00		M	×		NM CO	UT AZ	TX
'Time 'Sampled	Dete Sampled	Matrix	No. of - Containers	Sample ID	1.4	000/000	GRO/DRO by	BTEX by 8021	VOC by 8250	Metals 6010	Chloride 300.0		BGDOC	Beboc 1			Remarks	
9:11	5/15	S		53-31	W.						Ť		X	Ť				
9:17				53-4!	D						T		Ī		F			
9:22		6		54-1'	13				П				$\dagger$	T	T			P
9:30				S4-Z'	M								$\dagger$	1	T			
9:38				54-3'	15				П				$\parallel$	$\dagger$	T			
9:46				54-4'	16							1	$\dagger$	T		1		-
9:55				SWI	17								$\dagger$					
10:06				SWZ	18								$\parallel$		T	1		
10:17				SM3	19								1	T				
10:28				SWY	20			1					1	T			<del></del>	
Manual Property of the	al Instru			B# 211988 60									1,					
date or time	of collection	i ls considere	y and authen ed fraud and	icity of this sample. I am aware that tampering with or intentionally misk may be grounds for legal action. Sampled by:	abelling to sample	a locati	on,			iample	s requiri	ng thermal	preserva	ation m	ust be re	sceled on ice the day t 6 °C or subsequent day	hey are sample	d or received
Relinquish	ed by: (Sign	pl	Date	. 16 . 24 Time 315 Received by: (Signature)	5 -/ (	624	Time	319		1		on Ice:	J	ab U	se O		ρ. 	
	ed by: (Sign		Date	·1(e24 1(e 00 Received by: (Signature)	Dite	· 74	Time			neci	FIVE CI	on ice:	400	0/1	•		(1-47	::
Relinquish	ed by: (Sign	ature)	Date	16-14 Time Received by: (Signature)	Ote CO/17		Time					Our	4		· · · · · ·	_ //		
Sample Ma	rix: S - Soll, S	d - Solid, Sg	- Sludge, A - A	quague Q. Other	- Carrie	_		_		-	Term	-	or ala	-	VOA	1,000,000		
Note: Sam	ples are dis	carded 30 c	lays after re	suits are reported unless other arrangements are made. Hazard eceived by the laboratory with this COC. The liability of the laboratory	Ous miles will	ha rot	herna	to ell	ant ar	Hamm	and of	-4 AL II	ent exp	oense.	The	report for the anal	vsis of the a	bove



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

#### **Envirotech Analytical Laboratory**

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 1	0:33	Work Order ID: E405235
Phone:	(575) 631-6977	Date Logged In:	05/16/24 1	7:08	Logged In By: Alexa Michaels
Email:	gio@pimaoil.com	Due Date:	05/23/24 1	7:00 (4 day TAT)	
	Custody (COC)		Vac		
	e sample ID match the COC? e number of samples per sampling site location mat	ch the COC	Yes		
	mples dropped off by client or carrier?	en die Coc	Yes Yes	a : 6	
	COC complete, i.e., signatures, dates/times, reques	tad analysas?	No	Carrier: <u>C</u>	<u>Courier</u>
	samples received within holding time?	analyses:	Yes		
	Note: Analysis, such as pH which should be conducted ir i.e, 15 minute hold time, are not included in this disucssion		103		Comments/Resolution
Sample Tu	urn Around Time (TAT)				D : (D) W : (22.14 E 1.110H1
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes		Project Blue Krait 23-14 Federal 12H has
Sample Co	<u>ooler</u>				been serarated into multiple workorders
7. Was a sa	ample cooler received?		Yes		due to high sample volume. WOs are as
8. If yes, w	vas cooler received in good condition?		Yes		follows: E405235 - E405238. No. of
9. Was the	sample(s) received intact, i.e., not broken?		Yes		
10. Were c	ustody/security seals present?		No		containers not provoded on COC.
11. If yes,	were custody/security seals intact?		NA		
	sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling isible ice, record the temperature. Actual sample	e received w/i 15	Yes		
Sample Co		temperature. 1	<u> </u>		
	ueous VOC samples present?		No		
-	OC samples collected in VOA Vials?		NA		
	nead space less than 6-8 mm (pea sized or less)?		NA		
	trip blank (TB) included for VOC analyses?		NA		
	n-VOC samples collected in the correct containers'	)	Yes		
	ppropriate volume/weight or number of sample contain		Yes		
Field Lab	•	iers conceicu.	105		
	ield sample labels filled out with the minimum info	rmation			
	mple ID?	1111411011	Yes		
Dε	te/Time Collected?		No	ı	
Co	llectors name?		No		
	<u>reservation</u>				
21. Does th	he COC or field labels indicate the samples were pr	eserved?	No		
	mple(s) correctly preserved?		NA		
24. Is lab f	ilteration required and/or requested for dissolved m	etals?	No		
Multiphas	e Sample Matrix				
26. Does th	he sample have more than one phase, i.e., multipha	se?	No		
27. If yes,	does the COC specify which phase(s) is to be analy	zed?	NA		
Subcontra	act Laboratory				
	mples required to get sent to a subcontract laborator	rv?	No		
	subcontract laboratory specified by the client and it	•		Subcontract Lab	n: NA
	• • •				~-~-
Client Ins	<u>struction</u>				

Report to:
Gio Gomez



5796 U.S. Hwy 64 Farmington, NM 87401

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





# 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

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 reguarding 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

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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	Reported:
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.

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	5/29/2024 4:45:31PM

#### S5-1' E405236-01

		E403230-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Thinkly to	Ttoball	2	Direction	Tropulou	111111, 200	11000
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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		91.4 %	70-130	05/21/24	05/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: EG		Batch: 2421060
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.8 %	70-130	05/21/24	05/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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		98.5 %	50-200	05/22/24	05/26/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2421083
Chloride	78.1	20.0	1	05/22/24	05/22/24	

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	5/29/2024 4:45:31PM

S5-2'

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: 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	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: EG		Batch: 2421060
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.4 %	70-130	05/21/24	05/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: 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	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: IY		Batch: 2421083
Chloride	82.8	20.0	1	05/22/24	05/22/24	



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	5/29/2024 4:45:31PM

S5-3'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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		90.8 %	70-130	05/21/24	05/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: 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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: 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		97.4 %	50-200	05/22/24	05/26/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: IY		Batch: 2421083
Chloride	38.0	20.0	1	05/22/24	05/22/24	



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	5/29/2024 4:45:31PM

#### S5-4'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: 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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: 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	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2421083
Chloride	59.2	20.0	1	05/22/24	05/22/24	



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	5/29/2024 4:45:31PM

S6-1'

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: 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		92.0 %	70-130	05/21/24	05/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: EG		Batch: 2421060
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.2 %	70-130	05/21/24	05/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: 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		96.6 %	50-200	05/22/24	05/26/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: IY		Batch: 2421083
Chloride	69.6	20.0	1	05/22/24	05/22/24	•



Chloride

## **Sample Data**

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	5/29/2024 4:45:31PM

S6-2'

E405236-06								
Reporting								
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes		
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: 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			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	rst: 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			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: 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			
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: IY		Batch: 2421083		

20.0

39.3

05/22/24

05/22/24



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	5/29/2024 4:45:31PM

#### S6-3'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: 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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: 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	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: IY		Batch: 2421083
	45.6	20.0	-	05/22/24	05/22/24	



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	5/29/2024 4:45:31PM

S6-4'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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		90.9 %	70-130	05/21/24	05/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: EG		Batch: 2421060
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.5 %	70-130	05/21/24	05/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: 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		94.7 %	50-200	05/22/24	05/26/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2421083
Chloride	34.1	20.0	1	05/22/24	05/22/24	·



Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	
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#### S7-1'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: 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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: 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	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2421083



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

S7-2' E405236-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: 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		94.6 %	70-130	05/21/24	05/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	/st: EG		Batch: 2421060
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.7 %	70-130	05/21/24	05/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: 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		97.5 %	50-200	05/22/24	05/26/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	/st: IY		Batch: 2421083
Chloride	61.5	20.0	1	05/22/24	05/22/24	·



Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	
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S7-3'

E405236-	1	1

	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	llyst: EG		Batch: 2421060
ND	0.0250	1	05/21/24	05/23/24	
ND	0.0250	1	05/21/24	05/23/24	
ND	0.0250	1	05/21/24	05/23/24	
ND	0.0250	1	05/21/24	05/23/24	
ND	0.0500	1	05/21/24	05/23/24	
ND	0.0250	1	05/21/24	05/23/24	
	91.4 %	70-130	05/21/24	05/23/24	
mg/kg	mg/kg	Ana	llyst: EG		Batch: 2421060
ND	20.0	1	05/21/24	05/23/24	
	95.8 %	70-130	05/21/24	05/23/24	
mg/kg	mg/kg	Ana	lyst: NV		Batch: 2421071
ND	25.0	1	05/22/24	05/26/24	
ND	50.0	1	05/22/24	05/26/24	
	95.8 %	50-200	05/22/24	05/26/24	
		A	lyst: IY		Batch: 2421083
mg/kg	mg/kg	Ana	llyst: I i		Batch: 2421065
	mg/kg  ND  ND  ND  ND  ND  ND  ND  ND  ND  N	mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         0.0250           MD         0.0250           91.4 %           mg/kg         mg/kg           ND         20.0           95.8 %         mg/kg           ND         25.0           ND         50.0	Result         Limit         Dilution           mg/kg         mg/kg         Ana           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           MD         0.0250         1           91.4 %         70-130           mg/kg         mg/kg         Ana           ND         20.0         1           mg/kg         mg/kg         Ana           ND         25.0         1           ND         50.0         1	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: EG           ND         0.0250         1         05/21/24           ND         0.0250         1         05/21/24           ND         0.0250         1         05/21/24           ND         0.0250         1         05/21/24           ND         0.0500         1         05/21/24           ND         0.0250         1         05/21/24           mg/kg         mg/kg         Analyst: EG           ND         20.0         1         05/21/24           mg/kg         mg/kg         Analyst: NV           mg/kg         mg/kg         Analyst: NV           ND         25.0         1         05/22/24           ND         50.0         1         05/22/24	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: EG           ND         0.0250         1         05/21/24         05/23/24           ND         0.0500         1         05/21/24         05/23/24           ND         0.0250         1         05/21/24         05/23/24           mg/kg         mg/kg         Analyst: EG           ND         20.0         1         05/21/24         05/23/24           mg/kg         mg/kg         Analyst: EG           ND         20.0         1         05/21/24         05/23/24           mg/kg         mg/kg         Analyst: NV           ND         25.0         1         05/22/24         05/26/24           ND         25.0         1         05/22/24         05/26/24           ND         50.0         1         05/22/24         05/26/24



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		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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		91.3 %	70-130	05/21/24	05/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: EG		Batch: 2421060
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.2 %	70-130	05/21/24	05/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: 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		94.4 %	50-200	05/22/24	05/26/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: IY		Batch: 2421083
	146	20.0		05/22/24	05/22/24	



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#### SW5

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	Ana	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		96.3 %	70-130	05/21/24	05/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	Ana	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		96.5 %	50-200	05/22/24	05/26/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2421083
Chloride	37.5	20.0	1	05/22/24	05/22/24	



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#### SW6

		Reporting				
Analyte	Result	Limit	Diluti	on Prepare	d Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: EG		Batch: 2421060
Benzene	ND	0.0250	1	05/21/24	4 05/23/24	
Ethylbenzene	ND	0.0250	1	05/21/24	4 05/23/24	
Toluene	ND	0.0250	1	05/21/24	4 05/23/24	
o-Xylene	ND	0.0250	1	05/21/24	4 05/23/24	
p,m-Xylene	ND	0.0500	1	05/21/24	4 05/23/24	
Total Xylenes	ND	0.0250	1	05/21/24	4 05/23/24	
Surrogate: 4-Bromochlorobenzene-PID		91.7 %	70-130	05/21/2	4 05/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: EG		Batch: 2421060
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	4 05/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.9 %	70-130	05/21/2	4 05/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: NV		Batch: 2421071
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/24	4 05/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	4 05/26/24	
Surrogate: n-Nonane		96.8 %	50-200	05/22/2	4 05/26/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: IY		Batch: 2421083
Chloride	44.7	20.0	1	05/22/24	4 05/22/24	



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#### SW7

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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		91.5 %	70-130	05/21/24	05/23/24	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	An	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		95.5 %	70-130	05/21/24	05/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	An	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		97.2 %	50-200	05/22/24	05/26/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: IY		Batch: 2421083



Chloride

### **Sample Data**

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#### SW8

		E405236-16				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	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		91.6%	70-130	05/21/24	05/24/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	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		95.2 %	70-130	05/21/24	05/24/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	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		93.5 %	50-200	05/22/24	05/26/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: IY		Batch: 2421083

20.0

43.6

05/22/24

05/23/24



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#### S8-1'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: 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		91.7 %	70-130	05/21/24	05/24/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: EG		Batch: 2421060
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/24/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.8 %	70-130	05/21/24	05/24/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: 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		81.3 %	50-200	05/22/24	05/26/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2421083



Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	
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S8-2'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	llyst: 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	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: 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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	llyst: IY		Batch: 2421083



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S8-3'

	Reporting				
Result	Limit	Dilutio	on Prepared	Analyzed	Notes
mg/kg	mg/kg	Aı	nalyst: EG		Batch: 2421060
ND	0.0250	1	05/21/24	05/24/24	
ND	0.0250	1	05/21/24	05/24/24	
ND	0.0250	1	05/21/24	05/24/24	
ND	0.0250	1	05/21/24	05/24/24	
ND	0.0500	1	05/21/24	05/24/24	
ND	0.0250	1	05/21/24	05/24/24	
	94.1 %	70-130	05/21/24	05/24/24	
mg/kg	mg/kg	Aı	nalyst: EG		Batch: 2421060
ND	20.0	1	05/21/24	05/24/24	
	93.9 %	70-130	05/21/24	05/24/24	
mg/kg	mg/kg	Aı	nalyst: NV		Batch: 2421071
ND	25.0	1	05/22/24	05/26/24	
ND	50.0	1	05/22/24	05/26/24	
	94.6 %	50-200	05/22/24	05/26/24	
	mg/kg	Δ,	nalyst: IY		Batch: 2421083
mg/kg	mg/kg	7 11	naryst. 11		Datell. 2421003
	mg/kg ND	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           MD         0.0250           94.1 %         mg/kg           MD         20.0           93.9 %         mg/kg           MD         25.0           ND         50.0           94.6 %	Result         Limit         Dilution           mg/kg         mg/kg         A           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           MD         0.0250         1           94.1 %         70-130           mg/kg         mg/kg         A           ND         20.0         1           93.9 %         70-130           mg/kg         mg/kg         A           ND         25.0         1           ND         50.0         1           94.6 %         50-200	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: EG           ND         0.0250         1         05/21/24           ND         0.0250         1         05/21/24           ND         0.0250         1         05/21/24           ND         0.0250         1         05/21/24           ND         0.0500         1         05/21/24           ND         0.0250         1         05/21/24           mg/kg         mg/kg         Analyst: EG           ND         20.0         1         05/21/24           mg/kg         mg/kg         Analyst: EG           ND         20.0         1         05/21/24           mg/kg         mg/kg         Analyst: NV           ND         25.0         1         05/22/24           ND         50.0         1         05/22/24           ND         50.0         1         05/22/24           94.6 %         50-200         05/22/24	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: EG           ND         0.0250         1         05/21/24         05/24/24           ND         0.0500         1         05/21/24         05/24/24           ND         0.0250         1         05/21/24         05/24/24           MD         0.0250         1         05/21/24         05/24/24           MD         70-130         05/21/24         05/24/24           Mg/kg         mg/kg         Analyst: EG           ND         20.0         1         05/21/24         05/24/24           mg/kg         mg/kg         Analyst: NV           ND         25.0         1         05/21/24         05/26/24           ND         25.0         1         05/22/24         05/26/24           ND         50.0         1         05/22/24         05/26/24           94.6 %



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	5/29/2024 4:45:31PM

#### S8-4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: EG		Batch: 2421060
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/21/24	05/24/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.8 %	70-130	05/21/24	05/24/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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		96.0 %	50-200	05/22/24	05/26/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	llyst: IY		Batch: 2421083
· · · · · · · · · · · · · · · · · · ·	145	20.0		05/22/24	05/23/24	·



Surrogate: 4-Bromochlorobenzene-PID

# **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

Plains TX, 79355-0247		Project Manager		o Gomez				5	5/29/2024 4:45:31PM	
Volatile Organics by EPA 8021B										
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2421060-BLK1)							Prepared: 0:	5/21/24 An	alyzed: 05/23/24	
Benzene	ND	0.0250								
thylbenzene	ND	0.0250								
oluene	ND	0.0250								
-Xylene	ND	0.0250								
,m-Xylene	ND	0.0500								
Total Xylenes	ND	0.0250								
urrogate: 4-Bromochlorobenzene-PID	7.23		8.00		90.4	70-130				
LCS (2421060-BS1)							Prepared: 0:	5/21/24 An	alyzed: 05/23/24	
Benzene	5.05	0.0250	5.00		101	70-130				
thylbenzene	4.88	0.0250	5.00		97.5	70-130				
oluene	4.97	0.0250	5.00		99.4	70-130				
-Xylene	4.85	0.0250	5.00		97.0	70-130				
,m-Xylene	9.90	0.0500	10.0		99.0	70-130				
Total Xylenes	14.1	0.0250	15.0		94.0	70-130				
urrogate: 4-Bromochlorobenzene-PID	7.24		8.00		90.4	70-130				
LCS Dup (2421060-BSD1)							Prepared: 0	5/21/24 An	alyzed: 05/23/24	
Benzene	5.02	0.0250	5.00		100	70-130	0.554	20		
thylbenzene	4.85	0.0250	5.00		97.0	70-130	0.553	20		
Coluene	4.94	0.0250	5.00		98.7	70-130	0.633	20		
-Xylene	4.82	0.0250	5.00		96.3	70-130	0.677	20		
,m-Xylene	9.84	0.0500	10.0		98.4	70-130	0.549	20		
otal Xylenes	14.7	0.0250	15.0		97.9	70-130	4.08	20		

70-130



Analyst: EG

### **QC Summary Data**

Pima Environmental Services-CarlsbadProject Name:Blue Krait 23-14 Federal 2HReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Gio Gomez5/29/20244:45:31PM

Nonhalogenated	Organics by	y EPA 8015D - (	GRO

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

Blank (2421060-BLK1)						Prepared: 05	5/21/24 A	nalyzed: 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	5/21/24 A	nalyzed: 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	5/21/24 A	nalyzed: 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-CarlsbadProject Name:Blue Krait 23-14 Federal 2HReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Gio Gomez5/29/2024 4:45:31PM

Plains TX, 79355-0247		Project Manage	r: Gi	o Gomez					5/29/2024 4:45:31PN
		Analyst: NV							
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2421071-BLK1)							Prepared: 0	5/22/24 A	nalyzed: 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: 0	5/22/24 A	nalyzed: 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: 0	5/22/24 A	nalyzed: 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 PO Box 247 Plains TX, 79355-0247	Project Name: Project Number: Project Manager:	Blue Krait 23-14 Federal 2H 01058-0007 Gio Gomez	Reported: 5/29/2024 4:45:31PM
	Analyst: IY		

Anions by EPA 300.0/9056A										
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2421083-BLK1)							Prepared: 0	5/22/24 Ar	nalyzed: 05/22/24	
Chloride	ND	20.0								
LCS (2421083-BS1)							Prepared: 0	5/22/24 Ar	nalyzed: 05/22/24	
Chloride	253	20.0	250		101	90-110				
LCS Dup (2421083-BSD1)							Prepared: 0	5/22/24 Ar	nalyzed: 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



**Project Information** 

Chain of Custody

lient: Pl	ma Envi	coment	al Service 24 Fede		ention: Del	BIN To		10 mm	Water I .	246	18	4	No ten				T/		EPA P	rogram
rolect M	anager:	Glo Gon	142	Strange Strang	ention: Le l dress:				THE PERSON						1D	2D	30	Standard	CWA	SDWA
		Lovingto	n Hwy. I. 88240		v. State. Zip one:								and M	100-11-11-11-11						RCRA
hone: 8	06-782-	1151		Circle 1	nail:			2	2										State	
mail: 0		acil.com		PI	ma Project#	309-1		by acts	by 80.	120	8 9	300.0	1		MM	*		NM CO	UT AZ	TX
Time Sampled	Date Sempled	Matrix	No. of · Containers	Sample ID			4.4	DRO/ORO by	GRO/DRO by	BTEX by 8021	VOC by 8260	Chloride 3			BGDOC 1	DODOC T		41	Remarks	
2:02	5/19	3		57-3".											X					
12:16				57-4'			p								T				7 .	
12:19				SW5	War.		13								1					
12:29	,			SW6			14													
12:33				SWF	11	tong a land and the language of the language o	15													
12:43				5W8	Management of the second of th		16													· ·
12:50				88-1,			17								П					
1:03				28-5,			18													-
1:17				S8-3'		4	19										Г			
1:20	1	1		58-4"			20				П				П					
Addition	al Instru	tions:		Bŧ	7 21198	860	-		-								.l		11= 00 00	
				city of this sample. I am awar	re that tampering with	or intentionally mislabell led by:	ing te sampl	le locat	ion,		Sa pa	mples n	equiring to	thermal p	reserva	tion m	ust be r	ecehedon los the day	they are samp	lad or receive
Relinquishe	re Ac	tame	Date	4-24 Time	Received by: (Sig		Die 5-/	(,2	Time	13/0			ed on		L	-	se O		5	¥
Relinquish	ed by (Sign	ature)	Date 5	16.24 1600	Received by: (Si	gnature)	Ote 5 16	s. 141	Time ( &	330					TO	, "				
Relinquish	ed by: (Sign	ature)	Date	16.24 2400	Received by: (Si	gnature)	Ote CS:17	24	Time	5:13		1	emp <sup>c</sup>	. 1	1	-				
Sample Mati	rix: 8 - Soil, 8	d - Solid, Sg	- Sludge, A - A	queous, O - Othersuits are reported unless o	1						p - poly						1/04			William.



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

#### **Envirotech Analytical Laboratory**

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.

we receive	no response concerning these items within 24 nours of	ine date of this notion	ce, an ene se	impies wiii be ana	nyzeu us requesteu.	
Client:	Pima Environmental Services-Carlsbad	Date Received:	05/17/24 1	0:33	Work Order ID:	E405236
Phone:	(575) 631-6977	Date Logged In:	05/16/24 1	7:11	Logged In By:	Alexa Michaels
Email:	gio@pimaoil.com	Due Date:	05/23/24 1	7:00 (4 day TAT)		
	Custody (COC)		W			
	e sample ID match the COC?	tale the COC	Yes			
	e number of samples per sampling site location ma	ien the COC	Yes			
	amples dropped off by client or carrier?	. 1 1 0	Yes	Carrier: <u>C</u>	<u>Courier</u>	
	COC complete, i.e., signatures, dates/times, reque	sted analyses?	No			
5. Were al	l samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssi		Yes	,	Comments	s/Resolution
Sample T	urn Around Time (TAT)				D : 4 D1 17 14 22 14	F 1 110H1
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes		Project Blue Krait 23-14	
Sample C					been serarated into multi	iple workorders
7. Was a s	ample cooler received?		Yes		due to high sample volume	me. WOs are as
8. If yes, v	was cooler received in good condition?		Yes		follows: E405235 - E405	5238 No. of
9. Was the	e sample(s) received intact, i.e., not broken?		Yes			
10. Were	custody/security seals present?		No		containers not provided	on COC
11. If yes,	were custody/security seals intact?		NA			
•	e sample received on ice? If yes, the recorded temp is 4°C. Note: Thermal preservation is not required, if samples ar minutes of sampling		Yes			
13. If no v	risible ice, record the temperature.  Actual sample	temperature: 4°C	<u>C</u>			
Sample C	ontainer					
14. Are ac	queous VOC samples present?		No			
15. Are V	OC 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 no	on-VOC samples collected in the correct containers	?	Yes			
19. Is the a	ppropriate volume/weight or number of sample contain	ners collected?	Yes			
Sa	field sample labels filled out with the minimum info comple ID?	ormation:	Yes			
	ate/Time Collected?		No	'		
	ollectors name?		No			
	reservation	10	N			
	the COC or field labels indicate the samples were p	reserved?	No			
	mple(s) correctly preserved?	. 1.0	NA			
	filteration required and/or requested for dissolved n	netais?	No			
	se Sample Matrix					
	he sample have more than one phase, i.e., multipha		No			
27. If yes,	does the COC specify which phase(s) is to be analy	yzed?	NA			
Subcontr	act Laboratory					
28. Are sa	mples required to get sent to a subcontract laborato	ry?	No			
29. Was a	subcontract laboratory specified by the client and i	f so who?	NA	Subcontract Lab	: NA	
Client In	struction					
CHUIL III	<u> </u>					

Report to:
Gio Gomez





5796 U.S. Hwy 64 Farmington, NM 87401

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





# 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

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 reguarding 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

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### Sample Summary

Pima En	vironmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	Donoutoda
PO Box	247	Project Number:	01058-0007	Reported:
Plains T	X, 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.



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	5/28/2024 3:13:37PM

#### S9-1' E405237-01

		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	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	
Nonhalogenated Organics by EPA 8015D - GRO	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	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	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2421084
Chloride	39.1	20.0		1	05/22/24	05/22/24	·
Surrogate: n-Nonane		119 %	50-200	1 Analyst:	05/22/24		Batch: 24210



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	5/28/2024 3:13:37PM

S9-2' E405237-02

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

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	5/28/2024 3:13:37PM

#### S9-3' E405237-03

		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	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	
Nonhalogenated Organics by EPA 8015D - GRO	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	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	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2421084
Chloride	33.8	20.0		1	05/22/24	05/22/24	



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	5/28/2024 3:13:37PM

S9-4'

		E405237-04					
Reporting							
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: 1	RKS		Batch: 2421062
Benzene	ND	0.0250	1	1	05/21/24	05/23/24	
Ethylbenzene	ND	0.0250	1	1	05/21/24	05/23/24	
Toluene	ND	0.0250	1	1	05/21/24	05/23/24	
o-Xylene	ND	0.0250	1	1	05/21/24	05/23/24	
p,m-Xylene	ND	0.0500	1	1	05/21/24	05/23/24	
Total Xylenes	ND	0.0250	1	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	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2421062	
Gasoline Range Organics (C6-C10)	ND	20.0	1	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: 1	NV		Batch: 2421072
Diesel Range Organics (C10-C28)	ND	25.0	1	1	05/22/24	05/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	05/22/24	05/25/24	
Surrogate: n-Nonane		116 %	50-200		05/22/24	05/25/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	ΙΥ		Batch: 2421084

20.0

31.9

05/22/24

05/22/24

Chloride

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	5/28/2024 3:13:37PM

#### S10-1' E405237-05

		2.0020.00					
Analyte	Result	Reporting Limit		ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	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	
Nonhalogenated Organics by EPA 8015D - GRO	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	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	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: IY		Batch: 2421084
Chloride	29.3	20.0		1	05/22/24	05/22/24	

Pima Environmental Services-CarlsbadProject Name:Blue Krait 23-14 Federal 2HPO Box 247Project Number:01058-0007Reported:Plains TX, 79355-0247Project Manager:Gio Gomez5/28/2024 3:13:37PM

#### S10-2' E405237-06

	_	Reporting	_			
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	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	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: IY		Batch: 2421084
Chloride	41.7	20.0	1	05/22/24	05/22/24	

Pima Environmental Services-CarlsbadProject Name:Blue Krait 23-14 Federal 2HPO Box 247Project Number:01058-0007Reported:Plains TX, 79355-0247Project Manager:Gio Gomez5/28/20243:13:37PM

#### S10-3' E405237-07

		E100207 07				
Analyte	Result	Reporting Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	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	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	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	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: IY		Batch: 2421084
Chloride	25.9	20.0	1	05/22/24	05/22/24	

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	5/28/2024 3:13:37PM

#### S10-4'

		E405237-08					
Reporting							
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	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	
Nonhalogenated Organics by EPA 8015D - GRO	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	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	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2421084

20.0

05/22/24

05/22/24

28.5



Chloride

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	5/28/2024 3:13:37PM

#### SW9 E405237-09

Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
	mg/kg	mg/kg	Di	Analyst		7 mary 200	Batch: 2421062
Volatile Organic Compounds by EPA 8260B		0.0250		1	05/21/24	05/23/24	Batch. 2421002
Benzene	ND			1	05/21/24	05/23/24	
Ethylbenzene	ND	0.0250		1	05/21/24	05/23/24	
Toluene	ND	0.0250		1		05/23/24	
o-Xylene	ND	0.0250		1	05/21/24		
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	
Nonhalogenated Organics by EPA 8015D - GRO	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	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	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: IY		Batch: 2421084
Chloride	48.2	20.0		1	05/22/24	05/22/24	



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	5/28/2024 3:13:37PM

#### SW10 E405237-10

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



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	5/28/2024 3:13:37PM

#### SW11 E405237-11

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



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	5/28/2024 3:13:37PM

#### SW12 E405237-12

Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst		- I mary zea	Batch: 2421062
Benzene	ND	0.0250		1	05/21/24	05/23/24	Batch: 2421002
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	
Nonhalogenated Organics by EPA 8015D - GRO	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	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	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: IY		Batch: 2421084
Chloride	27.3	20.0		1	05/22/24	05/22/24	



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	5/28/2024 3:13:37PM

#### S11-1' E405237-13

		2.0020.10					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RKS	<u> </u>	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	
Nonhalogenated Organics by EPA 8015D - GRO	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	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	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: IY		Batch: 2421084
Chloride	46.5	20.0		1	05/22/24	05/22/24	



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	5/28/2024 3:13:37PM

#### S11-2' E405237-14

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: F	RKS		Batch: 2421062
Benzene	ND	0.0250	1	l	05/21/24	05/24/24	
Ethylbenzene	ND	0.0250	1	l	05/21/24	05/24/24	
Toluene	ND	0.0250	1	l	05/21/24	05/24/24	
o-Xylene	ND	0.0250	1	l	05/21/24	05/24/24	
p,m-Xylene	ND	0.0500	1	l	05/21/24	05/24/24	
Total Xylenes	ND	0.0250	1	l	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	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: F	RKS		Batch: 2421062
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	-	Analyst: N	IV		Batch: 2421072
Diesel Range Organics (C10-C28)	ND	25.0	1	1	05/22/24	05/25/24	_
Oil Range Organics (C28-C36)	ND	50.0	1	l	05/22/24	05/25/24	
Surrogate: n-Nonane	·	112 %	50-200		05/22/24	05/25/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: I	Y		Batch: 2421084
Chloride	38.9	20.0	1		05/22/24	05/22/24	



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

#### S11-3' E405237-15

	_	Reporting	_				
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	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	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst:	RKS		Batch: 2421062
Gasoline Range Organics (C6-C10)	ND	20.0	1	ļ.	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	I	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	ļ.	05/22/24	05/25/24	
Surrogate: n-Nonane		114 %	50-200		05/22/24	05/25/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst:	IY		Batch: 2421084
Chloride	36.8	20.0	1		05/22/24	05/22/24	

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	5/28/2024 3:13:37PM

#### S11-4' E405237-16

		2.0020.10					
Analyte	Result	Reporting Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2421062
Benzene	ND	0.0250	1	1	05/21/24	05/24/24	
Ethylbenzene	ND	0.0250	1	1	05/21/24	05/24/24	
Toluene	ND	0.0250	1	1	05/21/24	05/24/24	
o-Xylene	ND	0.0250	1	1	05/21/24	05/24/24	
p,m-Xylene	ND	0.0500	1	1	05/21/24	05/24/24	
Total Xylenes	ND	0.0250	1	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	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2421062
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2421072
Diesel Range Organics (C10-C28)	ND	25.0	1	1	05/22/24	05/25/24	-
Oil Range Organics (C28-C36)	ND	50.0	1	1	05/22/24	05/25/24	
Surrogate: n-Nonane		116 %	50-200		05/22/24	05/25/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2421084
Chloride	37.9	20.0	1	1	05/22/24	05/22/24	

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	5/28/2024 3:13:37PM

#### S12-1' E405237-17

		E403237-17					
Analyte	Result	Reporting Limit	Dil	ution	Prepared	Analyzed	Notes
Thirtye			Dii		•	7 mary zea	
Volatile Organic Compounds by EPA 8260B	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	
Nonhalogenated Organics by EPA 8015D - GRO	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	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	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: IY		Batch: 2421084
Chloride	47.8	20.0		1	05/22/24	05/22/24	



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	5/28/2024 3:13:37PM

#### S12-2' E405237-18

Racult			tion	Propored	Analyzad	Notes
Kesuit	Lillit	Dilut	tion i	герагец	Allalyzed	Notes
mg/kg	mg/kg	A	Analyst: RKS	S		Batch: 2421062
ND	0.0250	1	(	05/21/24	05/24/24	
ND	0.0250	1	(	05/21/24	05/24/24	
ND	0.0250	1	(	05/21/24	05/24/24	
ND	0.0250	1	(	05/21/24	05/24/24	
ND	0.0500	1	(	05/21/24	05/24/24	
ND	0.0250	1	(	05/21/24	05/24/24	
	98.2 %	70-130	(	05/21/24	05/24/24	
	102 %	70-130	(	05/21/24	05/24/24	
	93.2 %	70-130	(	05/21/24	05/24/24	
mg/kg	mg/kg	A	Analyst: RKS	S		Batch: 2421062
ND	20.0	1	(	05/21/24	05/24/24	
	98.2 %	70-130	(	05/21/24	05/24/24	
	102 %	70-130	(	05/21/24	05/24/24	
	93.2 %	70-130	(	05/21/24	05/24/24	
mg/kg	mg/kg	A	Analyst: NV			Batch: 2421072
ND	25.0	1	(	05/22/24	05/25/24	
ND	50.0	1	(	05/22/24	05/25/24	
	114 %	50-200	(	05/22/24	05/25/24	
mg/kg	mg/kg	A	Analyst: IY			Batch: 2421084
39.4	20.0	1	(	05/22/24	05/22/24	
	ND Mg/kg ND Mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           98.2 %         102 %           93.2 %         mg/kg           ND         20.0           98.2 %         102 %           93.2 %         102 %           93.2 %         mg/kg           MD         25.0           ND         50.0           114 %         mg/kg           mg/kg         mg/kg	mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         0.0250           102 %         70-130           93.2 %         70-130           93.2 %         70-130           102 %         70-130           102 %         70-130           93.2 %         70-130           93.2 %         70-130           mg/kg         mg/kg           ND         25.0           ND         50.0           114 %         50-200           mg/kg         mg/kg	Result         Limit         Dilution         I           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         0           ND         0.0250         1         0           ND         0.0250         1         0           ND         0.0500         1         0           ND         0.0250         1         0           ND         0.0250         1         0           98.2 %         70-130         0           93.2 %         70-130         0           93.2 %         70-130         0           98.2 %         70-130         0           98.2 %         70-130         0           93.2 %         70-130         0           93.2 %         70-130         0           93.2 %         70-130         0           93.2 %         70-130         0           93.2 %         70-130         0           93.2 %         70-130         0           93.2 %         70-130         0           ND         25.0         1         0           ND         50.0         1         0	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         05/21/24           ND         0.0250         1         05/21/24           ND         0.0250         1         05/21/24           ND         0.0250         1         05/21/24           ND         0.0500         1         05/21/24           ND         0.0250         1         05/21/24           ND         0.0250         1         05/21/24           102 %         70-130         05/21/24           93.2 %         70-130         05/21/24           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         05/21/24           98.2 %         70-130         05/21/24           93.2 %         70-130         05/21/24           93.2 %         70-130         05/21/24           93.2 %         70-130         05/21/24           93.2 %         70-130         05/21/24           MD         25.0         1         05/22/24           ND         50.0         1         05/22/24	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         05/21/24         05/24/24           ND         0.0500         1         05/21/24         05/24/24           ND         0.0250         1         05/21/24         05/24/24           ND         0.0250         1         05/21/24         05/24/24           ND         0.0250         1         05/21/24         05/24/24           102 %         70-130         05/21/24         05/24/24           93.2 %         70-130         05/21/24         05/24/24           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         05/21/24         05/24/24           93.2 %         70-130         05/21/24         05/24/24           93.2 %         70-130         05/21/24         05/24/24           mg/kg



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	5/28/2024 3:13:37PM

### S12-3' E405237-19

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: F	RKS		Batch: 2421062
Benzene	ND	0.0250	1	l	05/21/24	05/24/24	
Ethylbenzene	ND	0.0250	1	l	05/21/24	05/24/24	
Toluene	ND	0.0250	1	l	05/21/24	05/24/24	
o-Xylene	ND	0.0250	1	l	05/21/24	05/24/24	
p,m-Xylene	ND	0.0500	1	l	05/21/24	05/24/24	
Total Xylenes	ND	0.0250	1	l	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	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: F	RKS		Batch: 2421062
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: N	1V		Batch: 2421072
Diesel Range Organics (C10-C28)	ND	25.0	1	1	05/22/24	05/25/24	_
Oil Range Organics (C28-C36)	ND	50.0	1	l	05/22/24	05/25/24	
Surrogate: n-Nonane		115 %	50-200		05/22/24	05/25/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: I	Y		Batch: 2421084
Chloride	41.9	20.0	1		05/22/24	05/22/24	



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	5/28/2024 3:13:37PM

### S12-4' E405237-20

		2100207 20					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst			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	
Nonhalogenated Organics by EPA 8015D - GRO	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	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	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: IY		Batch: 2421084
Chloride	42.8	20.0		1	05/22/24	05/22/24	<u> </u>



### **QC Summary Data**

Pima Environmental Services-CarlsbadProject Name:Blue Krait 23-14 Federal 2HReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Gio Gomez5/28/20243:13:37PM

Plains TX, 79355-0247		Project Manage	r: Gi	io Gomez				5/	28/2024 3:13:37PM
	Vo	olatile Organ	ic Compo	unds by EI	PA 82601	В			Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2421062-BLK1)							Prepared: 0:	5/21/24 Ana	lyzed: 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: 0:	5/21/24 Ana	lyzed: 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			
o,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: 0	5/21/24 Ana	lyzed: 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	
Foluene	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	
o,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			
-									

0.500

0.475

70-130



Surrogate: Toluene-d8

### **QC Summary Data**

Pima Environmental Services-CarlsbadProject Name:Blue Krait 23-14 Federal 2HReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Gio Gomez5/28/20243:13:37PM

Nonhalogenated Organics by EPA 8015D - GRO	Nonha	logenated	<b>Organics</b>	by EPA	A 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
Blank (2421062-BLK1)						I	Prepared: 0:	5/21/24 Analy	yzed: 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: Bromofluorobenzene	0.513	0.300	103	/0-130
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)					P	repared: 05	/21/24 Analyz	red: 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

Plains TX, 79355-0247		Project Manager	r: Gi	o Gomez					5/28/2024 3:13:37PM
	Nonha		Analyst: NV						
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limi %	
Blank (2421072-BLK1)							Prepared: 0	5/22/24	Analyzed: 05/24/24
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	58.7		50.0		117	50-200			
LCS (2421072-BS1)							Prepared: 0	5/22/24	Analyzed: 05/24/24
Diesel Range Organics (C10-C28)	253	25.0	250		101	38-132			
urrogate: n-Nonane	58.1		50.0		116	50-200			
LCS Dup (2421072-BSD1)							Prepared: 0	5/22/24	Analyzed: 05/25/24
Diesel Range Organics (C10-C28)	251	25.0	250		100	38-132	0.877	20	
Jurrogate: n-Nonane	56.5		50.0		113	50-200			



LCS Dup (2421084-BSD1)

Chloride

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

20

### **QC Summary Data**

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247		Project Name: Project Number: Project Manager:	C	Blue Krait 23-1 1058-0007 Bio Gomez	4 Federal	2Н			<b>Reported:</b> 5/28/2024 3:13:37PM
		Anions	by EPA	300.0/9056 <i>A</i>	<b>\</b>				Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2421084-BLK1)							Prepared: 0	5/22/24 Aı	nalyzed: 05/22/24
Chloride	ND	20.0							
LCS (2421084-BS1)							Prepared: 0	5/22/24 Aı	nalyzed: 05/22/24
Chloride	251	20.0	250		100	90-110			

250

20.0

101

90-110

0.0852

251

#### 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

			10-			EL	105	03	7	61	036	-600	7					
llent: P	Ma Envi	ronment	Services -24 Federal 2H Att	ention: Devon	•	<b>植</b> 常 (1)	Silver S	en ty	entifica		E WINE		10	120	T/ 3D	AT Standard		rogram
rolect N	lanager:	Glo Gon	Add	iress:		, Ng	april 1					24			30	X	CWA	SDWA
	5614 N.			y, State, Zip one:		-	-		A	naly	sis an	Metho	od	T-	_			RCRA
	06-782-		Cocto	nall:		9	9			- 1	- 1					Section 1	State	
	micoor		17(10(74))	ma Project # 309-1		O by 8015	O by SC	1708	092	900	300.0		MM	¥		NM CO	UT AZ	TX
Time Sampled	Date Sempled	Matrix	No. of Containers Sample ID		4.4	DRO/ORO by	GRO/DRO by	BTEX by 8021	VOC by 8250	Metals 6010	Chloride 300.0		DODE	BGDOC			Remarks	
1:28	5/15	5	59-1'		δį								X				•	
1:30			59-2'.		50													
1:46			59-3'		63													
1:51			59- 4'		H													
Z:00			S10-1°		05											171		
2:11			510-2'		06													
2:17			\$10-3'		M													
2:21			510-4'		06													
2:30			SW9	and the second s	. 09													
2:39		1	5W60		10							2	1					
di	nal Instru			B#211989		ı							Ŧλ				* 19~ 11	
			ly and authenticity of this sample. I am awa red fraud and may be grounds for legal actio		nislabelfing te samp	ole loca	itlon,			Sam	ples requ ad in ice	alring therr	nal prese temp abo	rvation ove 0 bu	must be t less th	e received on lice the da an 6 "Cas subsequent a	y they are same days.	pled or receive
Relinquis	ned by: (Sign	nature)	5-14-24 Time 319		5.14	-24	Tin	31	15	Re	eelve	d on ic	e: (	Lab V/	Use (	Only	7	, <del>(* * * *</del>
Relinquis	hed by: (Sig	nature)	Date 5. / 4.24 ) (0.00		Dite	6. L	Tin	83	00	71			. 1	2		11		Na A
Relinquis	hed by: (5ig	(nature)	Date 5.16.24 7400	Received by: (Signature)	Oxe GS	77	Tin	lo:	33	AV	G Te	np °C_	ų					
			- Sludge, A - Aqueous, O - Other	. / /	C aln	er Ty	pe: g	- glas	s, <b>p</b> - p	oly/	plastic	;, ag - a	mber	glass,	v - VC	)A	-	
Note: Sar samples	nples are di s applicable	scarded 30 only to the	days after results are reported unless ose samples received by the laboratory	other arrangements are made. Haz with this COC. The liability of the lai	ardous ples w borato! mited	ill be i	return e amo	ed to	client o	r disp	posed e repo	of at the	client	expens	se. Th	ne rejet for the ar	alysis of the	a above



Client: P	ma Enyl	ronment	al Services	Doy Bill To	· · · · ·	数据。15.	Walter St	Fq.	SV-		-1-10VE			T/		EPA P	rogram
	sive kn		24 Federal 2H	Attention: VEVON		Odes	Ave with					10	20	3D	Standard	CWA	SDWA
Address:	5614 N.	Lovingt	on Hwy.	City, State, Zip				ances ex-	District of the Party of		nd Meti	THE RESERVE					RCRA '
Phone: 8	06-782- 10@pim	1151	1,86240	Phone: Email: Pima Project # 309-1		O by 8015	0 by 8015	8021	0928	3000		M	2		NM CO	State UT AZ	ΤX
Time 'Sampled	Date Sempled	Matrix	No. of Containers Sample ID			DRO/OR	ero/De	BTEX by 8021	VOC by \$260	Chloride 300.0		RGDOC	DODO			Remarks	
2:46	5/15	5	SW11		ij							1					
2:49			Surz		13											***************************************	
2:53			511-11		B												
3:00			511-2'		14							0				***************************************	
3:06			\$11-3		15												The second
3:10			511-41		16												
3:13			512-1'		17								i di				
3:14			512-21	ing standings on the second se	18												
3:17			S12-3'		19												
3:21		1.1	512-4'		20												
	nal Instru		B#	21198860		,											
The state of the s			y and authenticity of this sample. I ed fraud and may be grounds for leg	ım aware that tampering with or intentionally r al action. <u>Sampled by:</u>	nislabelling te samp	le locat	lon,		5	amples re acked in	equiring the log at an av	rmal pres temp ab	ervation ove 0 bu	must be t less tha	receletion lea tha de in 6 °C or subsequent	y they are same lays.	plad or received
Kerr	ied by: (Sign	tome	5-14-24 Time	Received by: (Signature)	Dte 5 /	42	Time	131	5	tecely	ed on l	ce:	Lab	Use C	inly		
Relinquish	red by: (5igi	nature)	5-16-24 Time	Received by: (Signature)	Dite 5:/(		Time		Ó	71		1	72		78		
Relinquist	ned by: (Sign	nature)	Date 5 16-24 7 (	Received by: (Signature)	Ote OS	224	Time 10	2:3	3	we t	emp °C	4					M. V.
Sample Ma	trix: 5 - Soll, i	ld - Solid, Sg	- Sludge, A - Aqueous, O - Other		· Citaline	er Typ	e: g -	glass	D - DO	v/plas	tic. ag - a	mber	glass.	v - VO	A	-	
Note: San	ples are dis	carded 30	days after results are reported u	inless other arrangements are made. Haz ratory with this COC. The liability of the la	ardous plas wi	ll be re	turne	d to cl	lent or e	lispose	d of at the	e client	expen	se. The	e rejot for the ar	alysis of the	above



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

### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

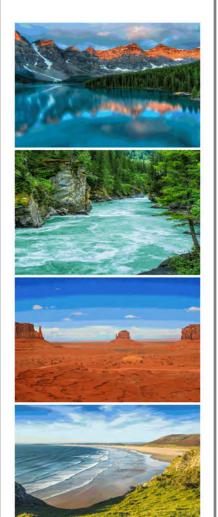
Instructions: Please take note of any NO checkmarks.

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.

	no response concerning enese rems within 2 mount of the		,	•	· 1
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)	
1. Does th 2. Does th 3. Were s	Custody (COC)  ne sample ID match the COC?  ne number of samples per sampling site location mate  namples dropped off by client or carrier?  e COC complete, i.e., signatures, dates/times, reques		Yes Yes Yes No	Carrier: <u>C</u>	<u>Courier</u>
		ieu alialyses:			
	Il samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssio furn Around Time (TAT)		Yes		Comments/Resolution
	COC indicate standard TAT, or Expedited TAT?		Yes		Project Blue Krait 23-14 Federal 12H has
Sample C					been serarated into multiple workorders
-	sample cooler received?		Yes		due to high sample volume. WOs are as
	was cooler received in good condition?		Yes		1
-	e sample(s) received intact, i.e., not broken?		Yes		follows: E405235 - E405238. No. of
	custody/security seals present?				containers not provided on COC
	were custody/security seals intact?		No		
12. Was th	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample	received w/i 15	NA Yes		
Sample (	Container				
_	queous VOC samples present?		No		
	OC samples collected in VOA Vials?		NA		
	head space less than 6-8 mm (pea sized or less)?		NA		
17. Was a	trip blank (TB) included for VOC analyses?		NA		
	on-VOC samples collected in the correct containers?		Yes		
	appropriate volume/weight or number of sample contain		Yes		
Field Lal	pel				
20. Were S	field sample labels filled out with the minimum information ample ID?  ate/Time Collected?  ollectors name?	rmation:	Yes No No		
Sample I	reservation				
21. Does	the COC or field labels indicate the samples were pro-	eserved?	No		
22. Are sa	ample(s) correctly preserved?		NA		
24. Is lab	filteration required and/or requested for dissolved m	etals?	No		
Multipha	se Sample Matrix				
26. Does	the sample have more than one phase, i.e., multiphas	e?	No		
27. If yes	, does the COC specify which phase(s) is to be analy	zed?	NA		
Subcontr	ract Laboratory				
	amples required to get sent to a subcontract laborator	v?	No		
	subcontract laboratory specified by the client and if	-	NA	Subcontract Lab	o: NA
Chent II	<u>nstruction</u>				

Date

Report to:
Gio Gomez



5796 U.S. Hwy 64 Farmington, NM 87401

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





# 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

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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881 Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

**Alexa Michaels** 

Sample Custody Officer Office: 505-632-1881

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Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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### Sample Summary

Γ	Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	Donoutoda
ı	PO Box 247	Project Number:	01058-0007	Reported:
	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.

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### S13-1' E405238-01

		E-103230-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	/st: 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		92.9 %	70-130	05/22/24	05/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2421088
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/24	05/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		109 %	70-130	05/22/24	05/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	/st: 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	
Surrogate: n-Nonane		117 %	50-200	05/22/24	05/24/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	/st: IY		Batch: 2421091
Chloride	44.9	20.0	1	05/22/24	05/22/24	

Chloride

### Sample Data

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

### S13-2'

E405238-02						
		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: 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	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: 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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: 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	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: IY		Batch: 2421091

20.0

42.0

05/22/24

05/22/24



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

### S13-3' E405238-03

#### Reporting Analyte Limit Dilution Analyzed Notes Result Prepared Analyst: RKS Batch: 2421088 mg/kg mg/kg Volatile Organics by EPA 8021B 05/22/24 05/23/24 ND 0.0250 Benzene 1 05/22/24 05/23/24 Ethylbenzene ND 0.0250ND 0.025005/22/24 05/23/24 Toluene 1 05/22/24 05/23/24 o-Xylene ND 0.02501 05/22/24 05/23/24 ND 0.0500 p,m-Xylene 05/22/24 05/23/24 1 Total Xylenes ND 0.025093.0 % 05/23/24 70-130 05/22/24 Surrogate: 4-Bromochlorobenzene-PID mg/kg Analyst: RKS Batch: 2421088 Nonhalogenated Organics by EPA 8015D - GRO mg/kg 05/23/24 ND 20.0 1 05/22/24 Gasoline Range Organics (C6-C10) Surrogate: 1-Chloro-4-fluorobenzene-FID 107 % 05/22/24 05/23/24 70-130 mg/kg mg/kg Analyst: JL Batch: 2421073 Nonhalogenated Organics by EPA 8015D - DRO/ORO ND 25.0 05/22/24 05/25/24 Diesel Range Organics (C10-C28) ND 05/22/24 05/25/24 Oil Range Organics (C28-C36) 50.0 1 05/22/24 05/25/24 Surrogate: n-Nonane 109 % 50-200 Analyst: IY Batch: 2421091 Anions by EPA 300.0/9056A mg/kg mg/kg 44.5 20.0 1 05/22/24 05/22/24 Chloride



Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	
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#### S13-4'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: 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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: 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		111 %	50-200	05/22/24	05/25/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2421091
Chloride	41.8	20.0	1	05/22/24	05/22/24	



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#### **SW13**

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: 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	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: 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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: 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	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: IY		Batch: 2421091



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#### **SW14**

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: 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		93.7 %	70-130	05/22/24	05/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2421088
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/24	05/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	05/22/24	05/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	/st: 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		109 %	50-200	05/22/24	05/25/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: IY		Batch: 2421091
Allons by EPA 500.0/9050A						



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#### SW15

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: 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	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: 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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2421091
					,	



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#### **SW16**

esult	Reporting Limit	Dilu	tion	Prepared	Analyzed	Notes
esult	Limit	Dilu	tion	Prepared	Analyzed	Notes
					-	
g/kg	mg/kg		Analyst: l	RKS		Batch: 2421088
ND	0.0250	1		05/22/24	05/24/24	
ND	0.0250	1		05/22/24	05/24/24	
ND	0.0250	1		05/22/24	05/24/24	
ND	0.0250	1		05/22/24	05/24/24	
ND	0.0500	1		05/22/24	05/24/24	
ND	0.0250	1		05/22/24	05/24/24	
	94.1 %	70-130		05/22/24	05/24/24	
g/kg	mg/kg		Analyst: l	RKS		Batch: 2421088
ND	20.0	1		05/22/24	05/24/24	
	108 %	70-130		05/22/24	05/24/24	
g/kg	mg/kg		Analyst: J	TL .		Batch: 2421073
ND	25.0	1		05/22/24	05/25/24	
ND	50.0	1		05/22/24	05/25/24	
	103 %	50-200		05/22/24	05/25/24	
g/kg	mg/kg		Analyst: l	Y		Batch: 2421091
	ND	ND	ND	ND	ND	ND

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#### S14-1'

		E405238-09				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: 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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: 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	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: IY		Batch: 2421091
Chloride	59.7	20.0	1	05/22/24	05/22/24	



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### S14-2' E405238-10

		E403230-10				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: 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	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: 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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: 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	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: IY		Batch: 2421091
Chloride	67.2	20.0	1	05/22/24	05/22/24	



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#### S14-3'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: 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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: 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	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2421091
Chloride	51.4	20.0	1	05/22/24	05/22/24	



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#### S14-4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: 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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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		103 %	50-200	05/22/24	05/25/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2421091
Chloride	42.0	20.0	1	05/22/24	05/22/24	



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#### S15-1'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: 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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: 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	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2421091
· · · · · · · · · · · · · · · · · · ·	95.3	20.0		05/22/24	05/22/24	•



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

### S15-2'

		E405238-14				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	
o,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		92.9 %	70-130	05/22/24	05/24/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: 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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2421091
Chloride	88.0	20.0	1	05/22/24	05/22/24	



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### S15-3' E405238-15

		E-103230-13				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: 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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: 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	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2421091
Chloride	81.0	20.0	1	05/22/24	05/22/24	



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#### S15-4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: 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	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: 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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2421091
	61.4	20.0		05/22/24	05/22/24	·



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### S16-1'

E405238-	1	7
E4U3Z30-	1	1

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: 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	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: 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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: 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	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2421091
Chloride	79.5	20.0	1	05/22/24	05/22/24	<u> </u>



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### S16-2' E405238-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: 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	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: 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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: 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	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: IY		Batch: 2421091
Chloride	74.6	20.0	1	05/22/24	05/22/24	



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### S16-3' E405238-19

		E-103230-17				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: 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	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: 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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	/st: 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	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	/st: IY		Batch: 2421091
Chloride	90.0	20.0	1	05/22/24	05/22/24	



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#### S16-4'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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		92.5 %	70-130	05/22/24	05/24/24	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	Ana	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		109 %	70-130	05/22/24	05/24/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	Ana	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		97.9 %	50-200	05/22/24	05/25/24	
Anions by EPA 300.0/9056A		mg/kg	Ana	alyst: IY		Batch: 2421091
Chloride	79.1	20.0	1	05/22/24	05/22/24	·



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#### **SW17**

		Domontin o				
Analyte	Result	Reporting Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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		90.7 %	70-130	05/22/24	05/24/24	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	Ana	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		110 %	70-130	05/22/24	05/24/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	Ana	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		107 %	50-200	05/22/24	05/25/24	
Anions by EPA 300.0/9056A		mg/kg	Ana	alyst: IY		Batch: 2421090
Chloride	45.8	20.0	1	05/22/24	05/23/24	



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### **SW18**

### E405238-22

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: 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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
1 I I I I I I I I I I I I I I I I I I I	mg/kg	mg/kg	Anal	yst: IY		Batch: 2421090
Anions by EPA 300.0/9056A		88				



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### SW19

#### E405238-23

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: 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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: 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	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: IY		Batch: 2421090
Chloride	39.7	20.0	1	05/22/24	05/23/24	



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### **SW20**

#### E405238-24

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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		91.7 %	70-130	05/22/24	05/24/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2421092
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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2421090
Chloride	47.9	20.0	1	05/22/24	05/23/24	

Surrogate: 4-Bromochlorobenzene-PID

# **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

Plains TX, 79355-0247		Project Manager		io Gomez				5/2	9/2024 11:58:37AN
		Volatile (	Organics b	y EPA 802	21B			ı	Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2421088-BLK1)						F	Prepared: 0	5/22/24 Anal	yzed: 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)						F	Prepared: 0	5/22/24 Anal	yzed: 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)						I	Prepared: 0	5/22/24 Anal	yzed: 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	



# **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

Plains TX, 79355-0247		Project Number: Project Manager		o Gomez				5/2	9/2024 11:58:37AN
		Volatile C	rganics b	y EPA 802	21B			ı	Analyst: RKS
nalyte Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2421092-BLK1)							Prepared: 0	5/22/24 Anal	yzed: 05/24/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
o,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: 0	5/22/24 Anal	yzed: 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			
o,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: 0	5/22/24 Anal	yzed: 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	
Torucie			5.00		108	70-130	6.31	20	
o-Xylene	5.40	0.0250	5.00						
	5.40 10.8	0.0250 0.0500	10.0		108	70-130	6.20	20	
p-Xylene					108 108	70-130 70-130	6.20 6.24	20 20	



Surrogate: 1-Chloro-4-fluorobenzene-FID

8.55

### **QC Summary Data**

Pima Environmental Services-CarlsbadProject Name:Blue Krait 23-14 Federal 2HReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Gio Gomez5/29/2024 11:58:37AM

Plains TX, 79355-0247		Project Manage	r: Gi	o Gomez				5/2	9/2024 11:58:37AM
	Non	halogenated	Organics	by EPA 80	15D - G	RO			Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2421088-BLK1)							Prepared: 0	5/22/24 Anal	yzed: 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: 0	5/22/24 Anal	yzed: 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: 0	5/22/24 Anal	yzed: 05/23/24
Gasoline Range Organics (C6-C10)	54.7	20.0	50.0		109	70-130	0.956	20	

8.00

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

Plains TX, 79355-0247		Project Manage	r: Gi	o Gomez					5/29/2024 11:58:37AI
	Non	halogenated	Organics l	by EPA 80	15D - G	RO			Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2421092-BLK1)							Prepared: 0	5/22/24	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: 0	5/22/24	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: 0	5/22/24	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-CarlsbadProject Name:Blue Krait 23-14 Federal 2HReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Gio Gomez5/29/2024 11:58:37AM

Plains 1X, /9355-024/		Project Manager	r: Gi	o Gomez					5/29/2024 11:58:3/AN			
Result   Limit   Level   Result   Rec   Limits   RPD   Limit     mg/kg   mg/kg   mg/kg   mg/kg   mg/kg   % % % % % % % Notes     Prepared: 05/22/24   Analyzed: 05/24/24     Prepared: 05/22/24   An												
Analyte		Limit	Level	Result		Limits		Limit				
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes			
Blank (2421073-BLK1)							Prepared: 0	5/22/24	Analyzed: 05/24/24			
Diesel Range Organics (C10-C28)	ND	25.0										
Dil Range Organics (C28-C36)	ND	50.0										
Surrogate: n-Nonane	55.9		50.0		112	50-200						
LCS (2421073-BS1)							Prepared: 0	5/22/24	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: 0	5/22/24	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**

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

Plains TX, 79355-0247		Project Manager	r: Gi	o Gomez				5/.	29/2024 11:58:3/AI
Nonhalogenated Organics by EPA 8015D - DRO/ORO									
Analyte	Result		-		Rec		RPD		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2421074-BLK1)							Prepared: 0	5/22/24 Ana	lyzed: 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: 0	5/22/24 Ana	lyzed: 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: 0	5/22/24 Ana	lyzed: 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			

Chloride

## **QC Summary Data**

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

Plains 1X, /9355-024/		Project Manage	r: Gi	o Gomez				3	729/2024 11:36:37AM
		Anions	by EPA 3	00.0/9056 <i>A</i>	<b>\</b>				Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2421090-BLK1)							Prepared: 0	5/22/24 An	alyzed: 05/22/24
Chloride	ND	20.0							
LCS (2421090-BS1)							Prepared: 0	5/22/24 An	alyzed: 05/22/24
Chloride	255	20.0	250		102	90-110			
LCS Dup (2421090-BSD1)							Prepared: 0	5/22/24 An	alyzed: 05/23/24

250

20.0

103

90-110

0.387



### **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

Blank (2421091-BLK1)         Prepared: 05/22/24 Analyzed: 05           Chloride         ND         20.0									
Analyte		Limit	Level	Result		Limits		Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2421091-BLK1)							Prepared: 0	5/22/24 An	nalyzed: 05/22/24
Chloride	ND	20.0							
LCS (2421091-BS1)							Prepared: 0	5/22/24 An	nalyzed: 05/22/24
Chloride	254	20.0	250		101	90-110			
LCS Dup (2421091-BSD1)							Prepared: 0	5/22/24 An	nalyzed: 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**

ſ	Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	
l	PO Box 247	Project Number:	01058-0007	Reported:
l	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.



Client: F	ima Env	ronmen	tel Servi	Bill To		Children of the contract of th	1000	15	6	01	05	6-00	7			1		
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Address:	5614 N.	Lovings	on Hwy.	City, State, Zip		. 39	Sept 212				is and	Metho					CWA	SDWA
Phone:	306-782- clo@plm	1151		Email: Pima Project # 309-1		by BOILS	by 8015	7	8		0.0		5				State UT AZ	RCRA
Time 'Sampled	Dete Sempled	Matrix	No. of Containers	Sample ID	# .A.	DRO/ORO by	y ond/one	BTEX by 802	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC NM	MEDOC TX		V C	Ш	
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Lewi	ed by: (Sign:	me	Date Date	Time Received by: (Signature)    (24 Time Received by: (Signature)	packed in ice at an avg temp above 0 but le  5.16.29 Time  5.6.24 Revelved on ice: V / No					ib Us								
Sample Mat	ed by: (Sign: { rix: 5 - Soil, Se	1 - Solid 'Sa -	Date 5	16-24 Time Received by: (Signature)	Ote De l'	7-24	Time (O:		A	va:	Temp	°c(	12,	******		. II	-	
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Chain of Custody

**Project Information** 

BTEX by 8021  WOC by 8050	Wetzis 6010 Chloride 300.0			2D   3C	Standard CWA SDWA
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	packed in ice	uiring thermal p at an avg temp	preserva np above	tion must b O but less ti	e received on ice the day they are sampled or receive than 6 to subsequent days.
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5-14-24 315 Received on ice: (V) N  Die 16-14-18-30 The 12-11-18-18					1
10:33	AVG Ter	mp °C	4		
g - glass, p -	poly/plastic	c, ag - amb	er gla	ss, v - V	OA .
TI	315   830   830   e glass, p	me Receive	Received on ice:  Received on ice:	me    State   Received on ice:   The control of the	packed in ice at an avg temp above 0 but less the me Lab Use.  Received on ice: (V / N)  TE T3.



**Project Information** 

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trix: S - Soil, S	id - Solid, Sg	- Sludge, A -	Aqueous, O - Other	46 - 40	. 7	_	-1-		1 / 1	and the second second second	ner gl	ass. V	- VOA		-	Section 1
ples are dis- applicable	carded 30 d only to tho	lays after re se samples	esuits are reported unless other arrangements are made received by the laboratory with this COC. The liability (	de. Hazardous in bles will	he ret	urnec	to ell	ant or	dienne	ilo add to ba	ent ex	pense	. The	rejot for the ana	lysis of the	above
	Annager: 5614 N.  S. Zip. Ho  BOG-782- CIO DOING  US Dete Sempled  S          S          S          S	Ashaser: Glo Gon 5614 N. Lovingto 5614 N	Annager: Glo Gornez  5614 N. Lovington Hwy.  2. Zip. Hobbe. NM. 88240  306-782-1161  Glo Dolmaoli.com  us by:  Bete Sempled Matrix Containers  S   15	Address:  S614 N. Lovington Hey.  A. Zip. Hobbe. NM. 86240  306-782-1161  clockolmack.com  by:  Date Sampled Matrix Sample ID  SULY  SULY	Attention: According to the containers of the co	Attention:    Comparison   Comp	Attention: Perion To Address: City. State. Zip Phone: Email: Pima Project # 359-/ Soul To Soul T	Attention: Address:  Side N. Lordnoton Hav.  a. Zio. Hobba. NM. 88240  Side-T82-1151  Glo-Bolmonic.com  We first  Date Sample Matrix  Sample ID  SWIN  SWIN	Property Control Services  Silve Control 23-24 PROCINE 24 Property City, State, Zip  Address:  City, State, Zip  Prima Project # 209-7  Survices  Sample ID  Survices  Sample ID  Survices  Sample ID  Survices  Survice	Part Environmental Services  Silv Cont 23-24 Record 24  Address:  City, State, Zip  Address:  City, State, Zip  Address:  City, State, Zip  Pinna Project # 209-/  Pinna Project # 209-/  Swith  Swith	Instructions:   Sample   Services   Sample   Descriptions   Sample   Descriptions   Sample   Descriptions   Sample   Descriptions   Descrip	The Environmental Services  Sill P Pot 23-71 ROTE 2 H  demanar (So Gornez  Sill Str. Loydinction Phyry  Address:  Giv. State. Zio  Analysis and Method  Anal	Attention:  Size   Dest 23-24 Factors   24   25   25   25   25   25   25   25	The Environmental Services  Situ / Dec 1 32-y   Gord 2 H  Attantion: De Von  Analysis and Method  Phone:  Email:  Pline Project # 359-/  Brine Project #	Attention:  Attention:  Attention:  Address:  City, State, Zio, Hobbe, NM, 88240  Analysis and Method  Finone:  Email:  Plina Project # 309-/  Sempled   Metrix   Constraints   Sample ID  Sury  Sury	TAT PRAY CONTINENTIAL SERVICIONS  STATE PRAY CONTINENTIAL SERVICIONS  STATE PRAY CONTINENTIAL SERVICIONS  STATE PRAY TO THE SERVICIONS  TO THE SERVICION STATE PRAY TO THE SERVICIONS  TO THE SERVICION STATE PRAY TO



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

### **Envirotech Analytical Laboratory**

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.

we receive	no response concerning these items within 24 nours of	ine date of this noti	cc, an the si	ampies will be una	ryzeu us requesteu.	
Client:	Pima Environmental Services-Carlsbad	Date Received:	05/17/24 1	0:33	Work Order ID:	E405238
Phone:	(575) 631-6977	Date Logged In:	05/16/24 1	7:21	Logged In By:	Alexa Michaels
Email:	gio@pimaoil.com	Due Date:	05/23/24 1	7:00 (4 day TAT)		
	Custody (COC)					
	e sample ID match the COC?	tab the COC	Yes			
	e number of samples per sampling site location ma	ien the COC	Yes			
	amples dropped off by client or carrier?	. 1 1 0	Yes	Carrier: C	<u>ourier</u>	
	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	No			
5. were al	l samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssi		Yes	,	Comments	s/Resolution
	urn Around Time (TAT)				D 4 Dl	E-11 1011 1
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes		Project Blue Krait 23-14	
Sample C					been serarated into multi	iple workorders
	ample cooler received?		Yes		due to high sample volui	me. WOs are as
8. If yes, v	vas cooler received in good condition?		Yes		follows: E405235 - E405	5238. No. of
9. Was the	e sample(s) received intact, i.e., not broken?		Yes		containers not provided	
10. Were	custody/security seals present?		No		containers not provided	on coc
11. If yes,	were custody/security seals intact?		NA			
12. Was the	e sample received on ice? If yes, the recorded temp is 4°C. Note: Thermal preservation is not required, if samples ar minutes of sampling		Yes			
13. If no v	visible ice, record the temperature. Actual sample	temperature: 4°C	<u>C</u>			
Sample C	ontainer_					
14. Are ac	queous VOC samples present?		No			
15. Are V	OC 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 no	on-VOC samples collected in the correct containers	?	Yes			
19. Is the a	ppropriate volume/weight or number of sample contain	ners collected?	Yes			
Sa D	Field sample labels filled out with the minimum info comple ID? ate/Time Collected?	ormation:	Yes No			
	ollectors name?		No			
	reservation  ha COC or field labels indicate the complex were n	racamiad9	No			
	the COC or field labels indicate the samples were p mple(s) correctly preserved?	reserved?	No NA			
	imple(s) correctly preserved? filteration required and/or requested for dissolved n	netale?	No			
		icuis.	110			
	se Sample Matrix	0				
	the sample have more than one phase, i.e., multipha		No			
27. If yes,	does the COC specify which phase(s) is to be analy	yzed?	NA			
	act Laboratory					
	mples required to get sent to a subcontract laborato	-	No			
29. Was a	subcontract laboratory specified by the client and i	f so who?	NA	Subcontract Lab	: NA	
Client In	struction					

Date

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

Report to:
Gio Gomez



5796 U.S. Hwy 64 Farmington, NM 87401

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





# 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

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 reguarding 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

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whinchman@envirotech-inc.com

Raina Schwanz

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### **Sample Summary**

Pima Environmental Services-CarlsbadProject Name:Blue Krait 23-14 Federal 2HReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Gio Gomez11/12/24 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.

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	11/12/2024 2:57:07PM

### CS1- Bottom E411106-01

Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: SL		Batch: 2446030
ND	0.0250	1	11/12/24	11/12/24	
ND	0.0250	1	11/12/24	11/12/24	
ND	0.0250	1	11/12/24	11/12/24	
ND	0.0250	1	11/12/24	11/12/24	
ND	0.0500	1	11/12/24	11/12/24	
ND	0.0250	1	11/12/24	11/12/24	
	86.7 %	70-130	11/12/24	11/12/24	
mg/kg	mg/kg	Anal	yst: SL		Batch: 2446030
ND	20.0	1	11/12/24	11/12/24	
	91.5 %	70-130	11/12/24	11/12/24	
mg/kg	mg/kg	Anal	yst: NV		Batch: 2446032
45	25.0	1	11/12/24	11/12/24	
ND	50.0	1	11/12/24	11/12/24	
	101 %	50-200	11/12/24	11/12/24	
mg/kg	mg/kg	Anal	yst: DT		Batch: 2446035
11	20.0	1	11/12/24	11/12/24	
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND  mg/kg 45 ND	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           86.7 %         mg/kg           mg/kg         mg/kg           ND         20.0           91.5 %         mg/kg           mg/kg         mg/kg           45         25.0           ND         50.0           101 %         mg/kg           mg/kg         mg/kg	Result         Limit         Dilution           mg/kg         mg/kg         Anal           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           MD         0.0250         1           MD         20.0250         1           MB/kg         mg/kg         Anal           MD         20.0         1           MB/kg         mg/kg         Anal           45         25.0         1           ND         50.0         1           101 %         50-200           mg/kg         mg/kg         Anal	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: SL           ND         0.0250         1         11/12/24           ND         0.0250         1         11/12/24           ND         0.0250         1         11/12/24           ND         0.0500         1         11/12/24           ND         0.0250         1         11/12/24           ND         0.0250         1         11/12/24           mg/kg         mg/kg         Analyst: SL           ND         20.0         1         11/12/24           mg/kg         mg/kg         Analyst: NV           45         25.0         1         11/12/24           ND         50.0         1         11/12/24           ND         50.0         1         11/12/24           Mg/kg         Mg/kg         Analyst: NV         1	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: SL           ND         0.0250         1         11/12/24         11/12/24           ND         0.0250         1         11/12/24         11/12/24           ND         0.0250         1         11/12/24         11/12/24           ND         0.0500         1         11/12/24         11/12/24           ND         0.0250         1         11/12/24         11/12/24           ND         0.0250         1         11/12/24         11/12/24           mg/kg         mg/kg         Analyst: SL           ND         20.0         1         11/12/24         11/12/24           mg/kg         mg/kg         Analyst: SL         11/12/24         11/12/24           mg/kg         mg/kg         Analyst: NV         45         25.0         1         11/12/24         11/12/24           ND         50.0         1         11/12/24         11/12/24           ND         50.0         1         11/12/24         11/12/24           ND         50.0         1         11/12/24         11/12/24           Mg/kg<

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	11/12/2024 2:57:07PM

### CSW1

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: 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	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: 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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: 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	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: DT		Batch: 2446035
Chloride	27	20.0	1	11/12/24	11/12/24	



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	11/12/2024 2:57:07PM

### CSW2

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: 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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2446035
	34				11/12/24	



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	11/12/2024 2:57:07PM

### CSW3

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: 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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: 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	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2446035
Chloride	22	20.0		11/12/24	11/12/24	·



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	11/12/2024 2:57:07PM

### CSW4

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: 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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: 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	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2446035
	41				11/12/24	



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	11/12/2024 2:57:07PM

#### CS2-Bottom

		E411106-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: 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	
p-Xylene	ND	0.0250	1	11/12/24	11/12/24	
o,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	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: 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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: 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	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: DT		Batch: 2446035
Chloride	52	20.0	1	11/12/24	11/12/24	



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	11/12/2024 2:57:07PM

### CSW5

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: 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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: 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	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2446035
·	23	20.0	1	11/12/24	11/12/24	•



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	11/12/2024 2:57:07PM

### CSW6

		Reporting					
Analyte	Result	Limit	Diluti	ion Pre	epared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: 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	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: 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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: 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	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	analyst: DT			Batch: 2446035
Chloride	34	20.0	1	11/	12/24	11/12/24	



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

### CSW7

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: 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	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: 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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: 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	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2446035
Chloride	42	20.0	1	11/12/24	11/12/24	



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Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/12/2024 2:57:07PM

### CSW8

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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		89.8 %	70-130	11/12/24	11/12/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2446030
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/12/24	11/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.8 %	70-130	11/12/24	11/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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		88.0 %	50-200	11/12/24	11/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: JM		Batch: 2446035
Chloride	37	20.0	1	11/12/24	11/12/24	

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

### CS3-Bottom E411106-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: 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	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: 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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: 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	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: JM		Batch: 2446035
Chloride	25	20.0	1	11/12/24	11/12/24	



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

### CSW9

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: 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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: 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	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: JM		Batch: 2446035
Chloride	38	20.0	1	11/12/24	11/12/24	



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### CSW10

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	llyst: 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	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	llyst: 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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: JM		Batch: 2446035



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### CSW11

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: 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	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: 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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: 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	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: JM		Batch: 2446035
	32	20.0		11/12/24	11/12/24	



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### CSW12

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: 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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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		96.5 %	50-200	11/12/24	11/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: JM		Batch: 2446035
	33		·	11/12/24	11/12/24	



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Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/12/2024 2:57:07PM

# **CS4-Bottom**

		E411106-16				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: 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	
o,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	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: 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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: NV		Batch: 2446032
Diesel Range Organics (C10-C28)	ND	25.0	1	11/12/24	11/12/24	
Dil 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	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: JM		Batch: 2446035
Chloride	29	20.0	1	11/12/24	11/12/24	



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# CSW13

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: 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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: JM		Batch: 2446035
	33	20.0		11/12/24	11/12/24	·



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# CSW14

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: 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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: 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	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: JM		Batch: 2446035
Chloride	38	20.0	1	11/12/24	11/12/24	



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	11/12/2024 2:57:07PM

# CSW15

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: 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		99.1 %	70-130	11/12/24	11/12/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2446030
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/12/24	11/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.7 %	70-130	11/12/24	11/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: 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		93.1 %	50-200	11/12/24	11/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: JM		Batch: 2446035



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	11/12/2024 2:57:07PM

# CSW16 E411106-20

Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	st: SL		Batch: 2446030
ND	0.0250	1	11/12/24	11/12/24	
ND	0.0250	1	11/12/24	11/12/24	
ND	0.0250	1	11/12/24	11/12/24	
ND	0.0250	1	11/12/24	11/12/24	
ND	0.0500	1	11/12/24	11/12/24	
ND	0.0250	1	11/12/24	11/12/24	
	98.6 %	70-130	11/12/24	11/12/24	
mg/kg	mg/kg	Analy	st: SL		Batch: 2446030
ND	20.0	1	11/12/24	11/12/24	
	91.4 %	70-130	11/12/24	11/12/24	
mg/kg	mg/kg	Analy	st: NV		Batch: 2446032
ND	25.0	1	11/12/24	11/12/24	
ND	50.0	1	11/12/24	11/12/24	
	98.5 %	50-200	11/12/24	11/12/24	
	_		. D.		D 1 2446025
mg/kg	mg/kg	Analy	st: JM		Batch: 2446035
	mg/kg ND	mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           MD         0.0250           98.6 %           mg/kg         mg/kg           ND         20.0           91.4 %         mg/kg           ND         25.0           ND         50.0	mg/kg         mg/kg         Analy           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           98.6 %         70-130           mg/kg         mg/kg         Analy           ND         20.0         1           91.4 %         70-130         70-130           mg/kg         mg/kg         Analy           ND         25.0         1           ND         50.0         1	mg/kg         mg/kg         Analyst: SL           ND         0.0250         1         11/12/24           ND         0.0250         1         11/12/24           ND         0.0250         1         11/12/24           ND         0.0250         1         11/12/24           ND         0.0500         1         11/12/24           ND         0.0250         1         11/12/24           mg/kg         mg/kg         Analyst: SL           ND         20.0         1         11/12/24           mg/kg         mg/kg         Analyst: NV           ND         25.0         1         11/12/24           ND         50.0         1         11/12/24	mg/kg         mg/kg         Analyst: SL           ND         0.0250         1         11/12/24         11/12/24           ND         0.0500         1         11/12/24         11/12/24           ND         0.0250         1         11/12/24         11/12/24           mg/kg         mg/kg         Analyst: SL           ND         20.0         1         11/12/24         11/12/24           mg/kg         mg/kg         Analyst: SL         11/12/24         11/12/24           Mg/kg         mg/kg         Analyst: NV         11/12/24         11/12/24           ND         25.0         1         11/12/24         11/12/24           ND         50.0         1         11/12/24         11/12/24



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	11/12/2024 2:57:07PM

# CS5-Bottom

<b>E4</b> 1	111	06	-21

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	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	
Nonhalogenated Organics by EPA 8015D - GRO	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	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	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: DT		Batch: 2446034
	42	20.0		1	11/12/24	11/12/24	

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	11/12/2024 2:57:07PM

# CSW17

		Reporting				
Analyte	Result	Limit	Dilut	tion Prepare	ed Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY		Batch: 2446031
Benzene	ND	0.0250	1	11/12/2	24 11/12/24	
Ethylbenzene	ND	0.0250	1	11/12/2	24 11/12/24	
Toluene	ND	0.0250	1	11/12/2	24 11/12/24	
o-Xylene	ND	0.0250	1	11/12/2	24 11/12/24	
p,m-Xylene	ND	0.0500	1	11/12/2	24 11/12/24	
Total Xylenes	ND	0.0250	1	11/12/2	24 11/12/24	
Surrogate: Bromofluorobenzene		97.3 %	70-130	11/12/2	24 11/12/24	
Surrogate: 1,2-Dichloroethane-d4		94.6 %	70-130	11/12/2	24 11/12/24	
Surrogate: Toluene-d8		107 %	70-130	11/12/2	24 11/12/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY		Batch: 2446031
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/12/2	24 11/12/24	
Surrogate: Bromofluorobenzene		97.3 %	70-130	11/12/2	24 11/12/24	
Surrogate: 1,2-Dichloroethane-d4		94.6 %	70-130	11/12/2	24 11/12/24	
Surrogate: Toluene-d8		107 %	70-130	11/12/2	24 11/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2446033
Diesel Range Organics (C10-C28)	ND	25.0	1	11/12/2	24 11/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/12/2	24 11/12/24	
Surrogate: n-Nonane		101 %	50-200	11/12/2	24 11/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: DT		Batch: 2446034
Allions by EFA 500.0/9030A						

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	11/12/2024 2:57:07PM

# CSW18

		2.111100 20					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
			Dii			rmaryzed	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:			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	
Nonhalogenated Organics by EPA 8015D - GRO	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	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	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2446034
Chloride	20	20.0		1	11/12/24	11/12/24	

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	11/12/2024 2:57:07PM

# CSW19

		E411106-24				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	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	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: DT		Batch: 2446034
•						

20.0

11/12/24

11/12/24

47



Chloride

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	11/12/2024 2:57:07PM

# CSW20

		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2446031
Benzene	ND	0.0250	1	1	11/12/24	11/12/24	
Ethylbenzene	ND	0.0250	1	1	11/12/24	11/12/24	
Toluene	ND	0.0250	1	1	11/12/24	11/12/24	
o-Xylene	ND	0.0250	1	1	11/12/24	11/12/24	
p,m-Xylene	ND	0.0500	1	1	11/12/24	11/12/24	
Total Xylenes	ND	0.0250	1	l	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	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2446031
Gasoline Range Organics (C6-C10)	ND	20.0	1	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2446033
Diesel Range Organics (C10-C28)	ND	25.0	1	1	11/12/24	11/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	11/12/24	11/12/24	
Surrogate: n-Nonane		103 %	50-200		11/12/24	11/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2446034
Allions by ETA 300:0/7030A							



Pima Environmental Services-CarlsbadProject Name:Blue Krait 23-14 Federal 2HReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Gio Gomez11/12/20242:57:07PM

Plains TX, 79355-0247		Project Manage	r: Gi	io Gomez				11/	/12/2024 2:57:07PI
	V	olatile Organ	ic Compo	unds by El	PA 8260	В			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2446031-BLK1)						]	Prepared: 1	1/12/24 Ana	lyzed: 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: 1	1/12/24 Ana	lyzed: 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)						1	Prepared: 1	1/12/24 Ana	lyzed: 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			
-									

0.500

105

70-130

0.527



Surrogate: Toluene-d8

Surrogate: 4-Bromochlorobenzene-PID

# **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

PO Box 247 Plains TX, 79355-0247		Project Number: Project Manager:		058-0007 o Gomez				1	1/12/2024 2:57:07PM
		Volatile O	rganics b	y EPA 802	1B				Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2446030-BLK1)						]	Prepared: 11	/12/24 An	alyzed: 11/12/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
p-Xylene	ND	0.0250							
o,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 An	alyzed: 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			
p-Xylene	4.91	0.0250	5.00		98.3	70-130			
o,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)						1	Prepared: 11	/12/24 An	alyzed: 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	
o,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	

70-130



Pima Environmental Services-CarlsbadProject Name:Blue Krait 23-14 Federal 2HReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Gio Gomez11/12/20242:57:07PM

Nonhalogenated	<b>Organics</b>	by EPA	8015D -	GRO
Tommanogenatea	O' Sames	by Lin	00131	GILO

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

Blank (2446030-BLK1)						Prepared: 1	1/12/24	Analyzed: 11/12/2
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: 1	1/12/24	Analyzed: 11/12/2
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: 1	1/12/24	Analyzed: 11/12/2
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			



Pima Environmental Services-CarlsbadProject Name:Blue Krait 23-14 Federal 2HReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Gio Gomez11/12/20242:57:07PM

Nonhalogenated	Organice	hv	FDA QO15D	CPO
Monnaiogenateu	Organics	IJУ	ETA OUTSD	- GKO

Analyst: IY

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

Blank (2446031-BLK1)						Prepared: 11	/12/24 Ar	nalyzed: 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 Ar	nalyzed: 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 Ar	nalyzed: 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			



Pima Environmental Services-CarlsbadProject Name:Blue Krait 23-14 Federal 2HReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Gio Gomez11/12/20242:57:07PM

Plains 1A, /9353-024/		Project Manage	r: Gi	o Gomez				1	.1/12/2024 2:3/:0/PM
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
				9 1.5	70	70	70	70	Tioles
Blank (2446032-BLK1)							Prepared: 1	1/12/24 An	nalyzed: 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: 1	1/12/24 An	nalyzed: 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: 1	1/12/24 An	nalyzed: 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			

Pima Environmental Services-CarlsbadProject Name:Blue Krait 23-14 Federal 2HReported:PO Box 247Project Number:01058-0007Plains TX, 79355-0247Project Manager:Gio Gomez11/12/20242:57:07PM

Plains 1X, /9355-024/		Project Manage	r: Gi	o Gomez					11/12/2024 2:5/:0/PM
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
Blank (2446033-BLK1)							Prepared: 1	1/12/24 Aı	nalyzed: 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: 1	1/12/24 Aı	nalyzed: 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: 1	1/12/24 Aı	nalyzed: 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			

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

Anions	by	<b>EPA</b>	300	.0/9056A	
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Analyst: DT	

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

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



Chloride

Analyst: DT

# **QC Summary Data**

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

Anions by EPA 300.0/9056A	

102

90-110

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2446035-BLK1)						I	Prepared: 1	1/12/24 Anal	yzed: 11/12/24	
Chloride	ND	20.0								
LCS (2446035-BS1)						I	Prepared: 1	1/12/24 Anal	yzed: 11/12/24	

250 LCS Dup (2446035-BSD1) Prepared: 11/12/24 Analyzed: 11/12/24 256 250 102 90-110 0.210 Chloride 20.0

20.0

255

### 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**

ſ	Pima Environmental Services-Carlsbad	Project Name:	Blue Krait 23-14 Federal 2H	
l	PO Box 247	Project Number:	01058-0007	Reported:
l	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.

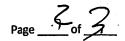
Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



ject Information	of Custody	1												Page	_ of
ent: Pima Environmental Services  Diect: Div Krait 23 14 Februa 2#  Diect Manager: Gio Gomez  dress: 5614 N. Lovington Hwy.  Bill To  Attention: Address:  City, State, Zip		Lab V	WO#	AL.		ob N 2009	vumb 8-a	er 20 7 d Meth	1D X	20		AT Sta	ndard	EPA Pro	SDWA RCRA
Phone:  State, Zip Hobbs, NM, 88240  one: 806-782-1151  nail: gio@pimaoil.com  port due by:  Time Date Matrix No. of Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	ВТЕХ by 8021	VOC by 8260	Metals 6010	Chloride 300.0		MN JOGG			1 [	NM CO	State UT AZ Remarks	TX
cos 11/11 S CS1-Bottom	Number	8	G		_		Ĭ		7	X					
17 1 1 CSW/	2														
:23 CSW2	3														
:28   CSW3	4												l		
36 CSW4	5														
(4) CS2-Bottom	6														
:59 CSW5	7													<u></u>	
:11 CSW6	8														
1:26 CSW7	9														
1:32 (Sw8	10														
dditional Instructions: Rilling # 211988	60											-			
(field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislat ate or time of collection is considered fraud and may be grounds for legal action.  Sampled by:	belling the samp	ole locat	tion,			Samp	oles requ ed in ice	iring thern at an avg (	nal pres temp ab	ove 0 l	out less th	han 6°C oi	on ice the da n subsequent	y they are sampl days.	ed or receiv
elinquished by: (Signature)  Qate   24 Time 45 Repeived by: (Signature)  Larime 45 Repeived by: (Signature)	S 11-113	24	Time	<u> 345</u>	5	Red	ceive	d on ic	e: <sup>-</sup>	Lal	Use N	Only			
Michelle Gonzales 11-11-29 1343 Locked Alexand	<i>M-//</i>	24	Time	<u> 700</u>	2_	11	<u> </u>		_ 1	Γ2			13		
relinquished by: (Signature)  Date  Time  Received by: (Signature)  Noc	II-12 Contain	-24	0	819	5			np °C_							

Project Informa	tion
Client: Pima E.	nvir

Chain of Custody



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	ima Envi	ronment	aı Servic	es Edera   24		Attenti	on: De	Bill To	,	lah	WO#			l dol		per	1	D	2D	3D	Standard	CWA	SDWA
Project:	BUCK	4417 <u>4</u>	<u>-3 14 F</u>	CUTUM CT	<b>,</b>	Addres	<u> </u>	· · · · · · · · · · · · · · · · · · ·		FU	III k	26		010	58-	0007		7					
Project N	1anager: 5614 N.	Lovingto	n Hwy		g 20		ate, Zip									d Met							RCRA
<u>Adaress:</u> City Stat	e, Zip Ho	bbe MM	4 88240	\	****	Phone				. —											*****************		
Dhono:	e, zip	<u>1005. INIY</u> 1151	1. 00270	<u>'</u>		Email:				ង	8015		. 1				- 1	ı				State	
Email:	gio@pim	acil.com			ı			2011-1		-   &	8	ដ	٥		0.0	1	- 1	Σ		1 1		UT AZ	TX
Report d		<u>aoineoin</u>			ı	Pima	Project #	590-1		_] ĝ	g	80.	826	601	e 30		- 1		¥	1	$X \perp$	<u> </u>	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID					Lab Numbe	DRO/ORO by 8015	GRO/DRO by	ВТЕХ Бу 8021	VOC by 8260	Metals 6010	Chloride 300.0			ВСБОС	верос			Remarks	
	11/11	S		CS3	-B	otto	m		11									$\times$					
9:51	1			CSW	7				12									L					
9:5%				CSWI	0				13														
10:17				CSW					14						_			1				·===	
10:21				CSW					15										<u> </u>				
10:36				054	- P	otte	M		16									1				·	
10:42	1 1			CSWI	3				17									1	_				
10:56				CSWI					18									$\perp$					
10:50				CSW 19					19											_			
11:04	1			CSW					20														
Additio	nal Instru					P	si //in	9# 211	9886	_													
I, (field sar	npler), attest	to the validit	y and auther	nticity of this sam	ple. I an	n aware tha	t tampering will	or intentionally misla	belling the san	iple loca	ition,			Samp	oles req ed in ic	uiring the e at an av	ermal pr g temp	eserv above	ation m 2 0 but	nust be re less than	eceived on ice the di 6°C on subsequent	iy tney are sam days.	ipiea ar receivea
date or tin	ne of collectio	n is consider	ed fraud and	may be grounds	for legal	action.	San	pled by:			Time			+						Jse O			
Relinquis	hed by: (Sign	neture)	Dat	[11/24]	1.4	2	Received by: (S	le Gonzal	es 11-11	24	Tim	34:	<u>5</u>	Red	eive	d on i	ce:		<b>D</b>		···· <b>,</b>		
Relinguis	hed by Sign	nature)	iles li	-11-24	1 <sub>2</sub> 2	45 ]	Received by (S	J186		1.24		170	0_	T1:	4.4	<u> </u>		<u>T2</u>	ڊ 1 ماچ		13		
	shed by: (Sig		Da	te 📮	Time 24		Received by: (S	Signature)	Date II-L	ા-24	O	e 815	•			mp °C		<u>1</u>					
Carrola M	latrix: S - Soil	Sd - Solid, Se			L				Conta	ner Ty	pe: g	glas	s, <b>p</b> -	poly/	plast	ic, ag -	ambe	er gl	ass, v	/ - VO/	1		
	1	needed 30	days after	recults are repo	erted ur	less other	arrangement	s are made. Hazard	ous samples	will be	return	ed to	client	or disp	osed	of at th	ne clie	nt ex	pens	e. The	report for the a	nalysis of th	ne above
samples	is applicable	only to the	ose sample:	s received by th	e labor	atory with	this COC. The	liability of the labor	atory is limite	d to th	e amo	unt pa	ald for	on the	e repo	ort.		-		_			



<b>.</b> ,	ormation						Chain of Custody			_									T == 4 =	
ient: Pir	na Envir SIUC K anager:	onmenta Fait 2 Gio Gom	al Service 3 M #4 nez	es Hera IZH		Attention: Pur Bill To Address:	Lab L	AII (			lob I	Numb	ロチ	X	2D	TAT 3D S	tandard		DWA	
ddress: { ity, State hone: 8	5614 N. , Zip Ho 06-782- io@pima	Lovingtonbbs. NM 1151 aoil.com	n Hwy. I. 88240	Sample ID		City, State, Zip Phone: Email: Pima Project # 390 - /	Lab	DRO/ORO by 8015	GRO/DRO by 8015	ВТЕХ by 8021	VOC by 8260	Metals 6010	Chloride 300.0	Metho	BGDOC NIM	кт реброс		NM CO	State UT AZ T	X
Sampled	Sampled	Matrix	Containers		-Ω	Llan	Number 21	5	5	<u> 18</u>	×	Σ	ð	_	×	<u>*</u>				
1:16	<u>'//c</u>	$\frac{1}{2}$		CSO	17	ottom	22	-							lf					
1,21				CSW	10			+	$\vdash$		_			_	+					
1:29	_	-		CSW			23	-	-						$\dagger\dagger$					
1:36				CSW			25	-							1					
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				-				-		-	-	-			+					
Addition	al Instru	ctions:	<u> </u>			Billing# 21	198 86	)			J	<u> </u>				- <b>L</b>				
I, (field sam	pler), attest	to the validit	y and auther	nticity of this samp	le. I an	n aware that tampering with or intentional action. Sampled by:	ly mislabelling the sam	ple loca	ition,			Sam pack	ples requ ed in ice	iring therm at an avg te	al presen	zation m e 0 but k	ust be recei	C on subsequent	ay they are sampled days.	or receive
Relinquish	ed by (Sign	nature)	Dat	may be grounds f	me', (	Received by: (Signature)    Signature   Received by: (Signature)	zales Date	124	Tim	<u>३५&lt;</u>		Re	celve	l on ice		Lab U	se Only V			
		Zonza	A L	1-11-24	15c		11-10 Date		Tim	12c		T1		np ºC_	_ 12			_ <b>13</b>		



envirotech Inc.

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

# **Envirotech Analytical Laboratory**

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)						
	Custody (COC)		Vos				
	ne sample ID match the COC? The number of samples per sampling site location ma	tch the COC	Yes				
	amples dropped off by client or carrier?	ich the COC	Yes	a			
	e COC complete, i.e., signatures, dates/times, reque	atad analysas?	Yes No	Carrier: <u>C</u>	Courier		
	Il samples received within holding time?	sted allaryses:	Yes				
3. Wele a	Note: Analysis, such as pH which should be conducted i i.e, 15 minute hold time, are not included in this disucssi	•	105			Comment	s/Resolution
	<u>urn Around Time (TAT)</u>				C11 h	d NI C -	
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes		_	y and No of c	containers missing
Sample C					on COC.		
	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was the	e 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				
	e sample received on ice? If yes, the recorded temp is 4°C Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	re received w/i 15	Yes				
Sample C			<del>-</del>				
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers	9	Yes				
	appropriate volume/weight or number of sample contain		Yes				
Field Lab	· · · · · · · · · · · · · · · · · · ·	nois conceica.	105				
	field sample labels filled out with the minimum info	ormation:					
	ample ID?		Yes				
D	ate/Time Collected?		Yes				
C	ollectors name?		No				
	<u>reservation</u>						
	the COC or field labels indicate the samples were p	reserved?	No				
	ample(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved r	netals?	No				
<u>Multipha</u>	se Sample Matrix						
26. Does	the sample have more than one phase, i.e., multipha	ise?	No				
27. If yes,	does the COC specify which phase(s) is to be anal	yzed?	NA				
Subcontr	act Laboratory						
	imples required to get sent to a subcontract laborate	ory?	No				
	subcontract laboratory specified by the client and i	-	NA	Subcontract Lab	o: NA		
Client In	struction						
CHCHT	istruction						

Date

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

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

QUESTIONS

Action 404457

### **QUESTIONS**

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

### QUESTIONS

Prerequisites	
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.

General Information Phone: (505) 629-6116

Online Phone Directory <a href="https://www.emnrd.nm.gov/ocd/contact-us">https://www.emnrd.nm.gov/ocd/contact-us</a>

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

QUESTIONS, Page 2

Action 404457

QUESTIONS (c	ontinued)
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QUESTI	ions (continued)	
Operator: DEVON ENERGY PRODUCTION COMPANY, LP	OGRID: 6137	
333 West Sheridan Ave.	Action Number:	
Oklahoma City, OK 73102	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.	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 s	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.	
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.	
to report and/or file certain release notifications and perform corrective actions for releathe OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are required ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or	
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	

Sante Fe Main Office Phone: (505) 476-3441 General Information

Phone: (505) 629-6116

Online Phone Directory
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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, Page 3

Action 404457

**QUESTIONS** (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	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 approva release discovery date.	l and beyond). This information must be provided to the appropriate district office no later than 90 days after the
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
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	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	
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination a	ssociated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes	
Was this release entirely contained within a lined containment area	No	
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)		
Chloride (EPA 300.0 or SM4500 Cl B)	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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# **State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division** 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 4

Action 404457

<b>QUESTIONS</b>	(continued)
QUEUTION	COHUH IUCU

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

### QUESTIONS

Remediation Plan (continued)	
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.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Yes
Other Non-listed Remedial Process. Please specify	Samples indicate no remediation required.

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 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.

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

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

QUESTIONS, Page 5

Action 404457

**QUESTIONS** (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	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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# State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 6

Action 404457

<b>QUESTIONS</b>	(continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	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 re	emediation 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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# State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 7

Action 404457

**QUESTIONS** (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	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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# State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS

Action 404457

### **CONDITIONS**

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

### CONDITIONS

Created By		Condition Date
nvelez	None	3/7/2025