



RECLAMATION WORK PLAN REPORT

PREPARED FOR:
DEVON ENERGY PRODUCTION, LP.

PREPARED BY:
PIMA ENVIRONMENTAL SERVICES, LLC.

April 11, 2025
PIMA ENVIRONMENTAL SERVICES, LLC.
5614 N LOVINGTON HWY, HOBBS, NM 88240



NMOCD District 1
1625 N. French Drive
Hobbs, NM 88240

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

RE: RECLAMATION WORK PLAN REPORT

LOCATION: Blue Krait 23 14 Federal #002H

API: 30-025-43236

GPS: 32.196399, -103.5452432

INCIDENT LOCATION: UL- N. Section 23, T24S, R33E

COUNTY: Lea

NMOCD REF. NO. NOY1736334624

Pima Environmental Services, LLC (Pima) has been contracted by Devon Energy Production Company, LP (Devon) to prepare the Reclamation Report for the Blue Krait 23 14 Federal #002H site (hereafter referred to as the "Blue Krait"). This report provides a comprehensive overview of the site's history, details the reclamation activities that have been undertaken to date, and outlines a proposed plan for ongoing vegetation monitoring.

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 made up interlayered eolian sands and piedmont-slop deposits along the eastern flank on 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 slop, 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 class in this area is well drained. There is a low potential for karst geology to be present around the Blue Krait (Figure 4). A Topographic Map can be referenced in Figure 3. Access to the site is available via the following directions: From the intersection of NM 128 and Diamond Rd, travel east on NM 128 for 1.88 miles, then turn south onto Vaca Ln for 1.11 miles, turn west onto Lease Rd for 1.12 miles, arriving at the site. There are no locked gates or other access restrictions. A New Mexico State Land Office Easement Boundary Map is attached for reference. (Figure 2)

Based on the well water data from the New Mexico Office of the State Engineer water well (C-03600-POD 10), the depth to the nearest groundwater in this vicinity measures 49 feet below grade surface (BGS), positioned 0.42 of a mile away from the Blue Krait, drilled, August 1, 2019. Conversely, as per the United States Geological Survey well water data



(USGS321403103300301 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. The nearest water feature is a Salt Playa located approximately 10.90 miles to the northeast of this site. For detailed references to water surveys and the precise locations of water wells, please refer to Appendix A, inclusive of the relevant maps.

SITE CONDITIONS AND HISTORY

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 burrow ditch along the access road. In looking at the release, the point of origin and terminus of the release cannot be established. Devon Reported the release to the New Mexico Oil Conservation Division (NMOCD) on a Release Notification Form C-141 (Form C-141) on November 5, 2024. The release was assigned Incident Number NOY1736334624.

The following are points of reference for the areas that were of concern, and corresponding maps for each point are included in Figure 6.

- 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.

Based on the groundwater data referenced above, incident NOY1736334624 is required to meet the <50' closure criteria, as outlined in NMAC Closure Criteria 19.15.29. The table below provides a detailed depiction of this information for your reference.

Table 1 NMAC and Closure Criteria 19.15.29					
Depth to Groundwater (Appendix A)	Constituent & Limits				
	Chlorides	Total TPH	GRO+DRO	BTEX	Benzene
<50' (C-30600-POD 10)	600 mg/kg	100 mg/kg		50 mg/kg	10 mg/kg
51-100'	10,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg
>100'	20,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg

Pima Environmental Services LLC. (Pima) mobilized personnel on May 15, 2024, to the above-mentioned reference points to collect soil samples from the designated areas. Samples were collected from the targeted areas using a hand auger. The results of this sampling event are available in Figure 5 as well as the analytical laboratory reports available for reference in Appendix F. Site Maps are available in Figure 6.

On November 11, 2024, after sending a 48-hour notification, application ID: 400120 (Appendix D), Pima returned to the site to collect confirmation samples of the areas. The results of this sampling event can be found in Figure 5. Confirmation Sample Maps can be found in Figure 7.



Devon complied with the applicable closure requirements set forth in 19.15.29.12 NMAC pertaining to Incident ID NOY1736334624.

A Remediation Closure Report was submitted to the NMOCD on November 19, 2024. Following the submission, the Remediation Closure Report (Application ID: 404457) was approved by the NMOCD on March 7, 2025.

No other incidents were reported to the NMOCD as of March 19, 2025.

RECLAMATION ACTIVITIES

The areas of concern located adjacent to the main lease roads, which service multiple wellhead and battery pads, do not require reclamation at this time as the conditions of the areas that were reported to have been affected were non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg and TPH concentrations less than 100 mg/kg. To support this the Laboratory Analytical Reports are available in Appendix E. Furthermore, Photographic Documentation to prove that the ground has not been affected is available in Appendix D.

Full Reclamation of the roads themselves will occur once they are no longer needed for ongoing operations. Given that the adjacent areas are well-managed in terms of infrastructure and operations, reclamation efforts are not necessary until the roads are decommissioned. Therefore, these areas will remain undisturbed until such time as the roads are no longer in use for servicing the active well sites.

Regarding the Blue Krait 23 14 Federal #2H site, proposed reclamation actions are outlined below and will be implemented once the site is no longer needed for production or subsequent drilling operations.

RECLAMATION ACTIONS REQUIRED

In accordance with NMAC 19.2.100.67 Regulations NMSLO Reclamation and Remediation Guidelines and Procedures, and any stipulations or land use agreements pertaining to the locations on private land, the following reclamation activities are proposed at the Site.

Once the site is no longer needed for production of subsequent drilling operations, Devon will conduct the following:

- All surface equipment, tanks, and piping, along with all trash, junk, and debris, will be removed from the Site location and transported for reuse, recycling, or disposal as Resources Conservation and Recovery Act (RCRA- Exempt E&P Waste at an NMOCD-approved facility.
- Stained or discolored areas found during historical imagery search or reclamation activities will be assessed by collecting samples for submission to an analytical laboratory to analyze chloride and TPH. Soils identified with Total Petroleum Hydrocarbons (TPH) or chloride impacts above NMOCD reclamation requirements will be reclaimed according to NMOCD standards;
- Any removed known or suspected contaminated soil will be transported to an NMOCD-approved facility for disposal as RCRA Exempt Waste;
- Upon completion of any excavation of known or suspected impacted material, composite confirmation samples will be collected from the excavation floor and sidewalls, with each sample representing an area of no more than 200 square feet following sampling protocols set out in 19.15.29 NMAC;



- Upon receipt of any laboratory analytical results from confirmation soil samples demonstrating constituent contaminant levels are equal to or below NMOCD Closure Criteria, any excavated areas will be backfilled with locally sourced clean soil.
- Surface caliche and previously imported base aggregate will be scraped and removed from the site's surface using mechanical equipment and associated roads. The removed aggregate materials are anticipated to be reused to maintain nearby active well pads and lease roads.
- The Site will have topsoil replaced and graded to match surrounding topography, then ripped, bermed, or water-barred to stabilize and control erosion and seeded with the appropriate NMSLO-approved seed mixture based on existing soil type at each location.
- Lease Roads will have topsoil replaced, then ripped, bermed back to in-use lease roads, water barred and seeded with NMSLO-approved seed mixture for the location soil type.
- Reclamation activities are expected to be completed within 90 days of NMSLO approval of a Site Assessment and Reclamation Work Plan.
- Within 30 days or at the beginning of the next favorable growing season following these completed reclamation activities, each Reclamation Site location will be seeded via hand broadcast at double the drill seeding rate as prescribed in NMSLO Seed Mix application guidelines.

RESTORATION, RECLAMATION, AND REVEGETATION

Based on laboratory analytical results from confirmation soil samples, the reclaimed area will be backfilled with locally sourced clean topsoil. The reclaimed areas will be ripped and bermed or water-barred to achieve erosion control, surface stability, and preservation of surface water flow.

Preparation and Seeding

Preparation of reclaimed areas will include cross-ripping to prepare the seedbed with two-foot furrows as deep as possible without bringing rock material back to the surface. The prepared areas will be seeded with NMSLO-approved seed mixtures. Within 30 days of completion of reclamation activities, the seed will be applied using broadcast methods at double drill seed application quantities as prescribed by NMSLO Mix Data sheet. Seed mixtures will be free of noxious weeds. Traffic control berms discussed below will also be seeded.

Traffic Control and Access Restriction

As discussed above, earthen berms will be installed to restrict access and vehicular traffic through reclamation areas during the revegetation process. If berms proved unsuccessful long term at preventing disturbance to the reclamation area, fencing will be installed to further restrict Site access.

Vegetation Monitoring

Vegetation monitoring will be conducted in accordance with the New Mexico State Land Office Southeastern New Mexico Revegetation Handbook. Devon Energy acknowledges that a revised handbook is in development, and any applicable updated will be incorporated into the vegetation monitoring plan once published.

Revegetation typically requires approximately three years to be considered complete for reclamation purposes. After the first growing season, the revegetation area may initially appear sparse, with a mix of annual weeds, grasses, and other reclamation vegetation in the early stages of emergence.



By the second full growing season, pioneer reclamation grass species should be clearly visible, and grasses will typically begin to dominate over the annual weeds, although they may still be present. If there have been typical to above-average precipitation levels, revegetation will likely improve, with drought-tolerant species helping to support the growth. By the end of the third full growing season, the success of the revegetation efforts can generally be assessed.

Reclamation areas will be monitored semi-annually for growth, noxious weed management, and the need for additional reclamation activities until the required revegetation is completed. The following NMSLO-prescribed observational assessment methodology will guide the revegetation monitoring process during these semi-annual evaluations:

- Current conditions will be photographed with emphasis on problem areas, and ocular estimations of plant cover, production, and density will also be documented with photographs.
- Revegetation results will be compared to adjacent native areas.
- Erosional features such as gullies, rills, and sheet erosion will be recorded and photographed.
- Invasive and noxious weeds will be identified and photographed, and mitigation measures will be developed and implemented if required.
- Any grazing or overgrazing will be documented.
- Wildlife impacts will be documented to include rodents, rabbits, and large grazers.

The standard that will be employed to determine reclamation and revegetation progress is the comparison of the reclaimed and revegetated area with the adjacent native rangeland. This comparison may utilize ocular estimation or remote sensing of plant community cover, production, and diversity.

SCHEDULE

Upon approval of this Reclamation Work Plan, Devon Energy will carry out the reclamation activities described above on the site within 25 years, provided that production and/or subsequent drilling operations have been completed. Once Reclamation activities are complete, a reclamation report will be prepared for the Site and submitted to the NMSLO.

CONCLUSION

The long-term goal of final reclamation is to restore the ecosystem, including the natural vegetation community, hydrology, and wildlife habitats. This involves returning the land to a condition that closely resembles or equals its state prior to disturbance. According to ECO's guidance, reclamation is deemed successful when the reclaimed areas achieve a vegetation density greater than 70-percent of pre-disturbance coverage, excluding invasive or noxious weeds. Once the disturbed areas reach a representative vegetative cover and are considered successful, the former pad area associated with the Site will be deemed reclaimed in accordance with 19.2.100.67 NMAC.

Should you have any questions or need additional information, please feel free to contact:

Devon Energy Production – Jim Raley at 575-689-7597 or jim.raley@dvn.com.

Pima Environmental – Gio Gomez at 806-782-1151 or gio@pimaoil.com.

Respectfully,



Gio Gomez

Project Manager

Pima Environmental Services, LLC



Pima Environmental Services, LLC
5614 N Lovington Hwy, Hobbs, NM 88240
575-964-7740 | www.pimaoil.com

Blue Krait 23 14 Federal #2H | NOY1736334624

Page 5 | 6

ATTACHMENTS

FIGURES:

- 1- Location Map
- 2- New Mexico State Land Office Easement Boundary Map
- 3- Topographic Map
- 4- Karst Map
- 5- Data Tables
- 6- Site Maps
- 7- Confirmation Sample Map

APPENDICES:



- Appendix A – Water Surveys, Surface Water Map
- Appendix B – Soil Survey, Geological Data, FEMA Flood Map, Wetlands Map
- Appendix C – 48-Hour Sampling Notification
- Appendix D – Photographic Documentation
- Appendix E – Laboratory Results

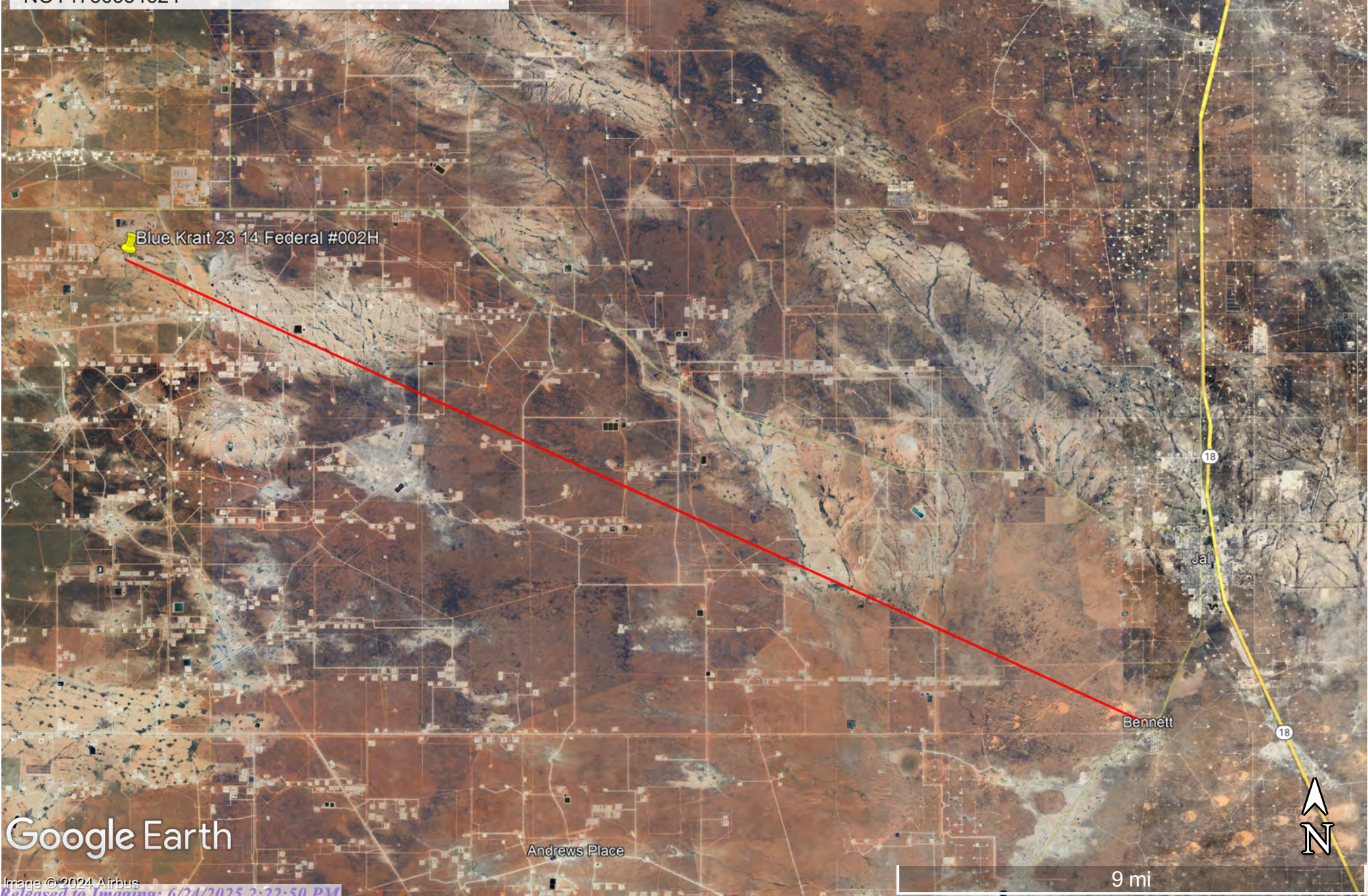


Blue Krait 23 14 federal #002H

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

Legend

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



Blue Krait 23 14 Federal #002H

Bennett

18



Google Earth


Andrews Place

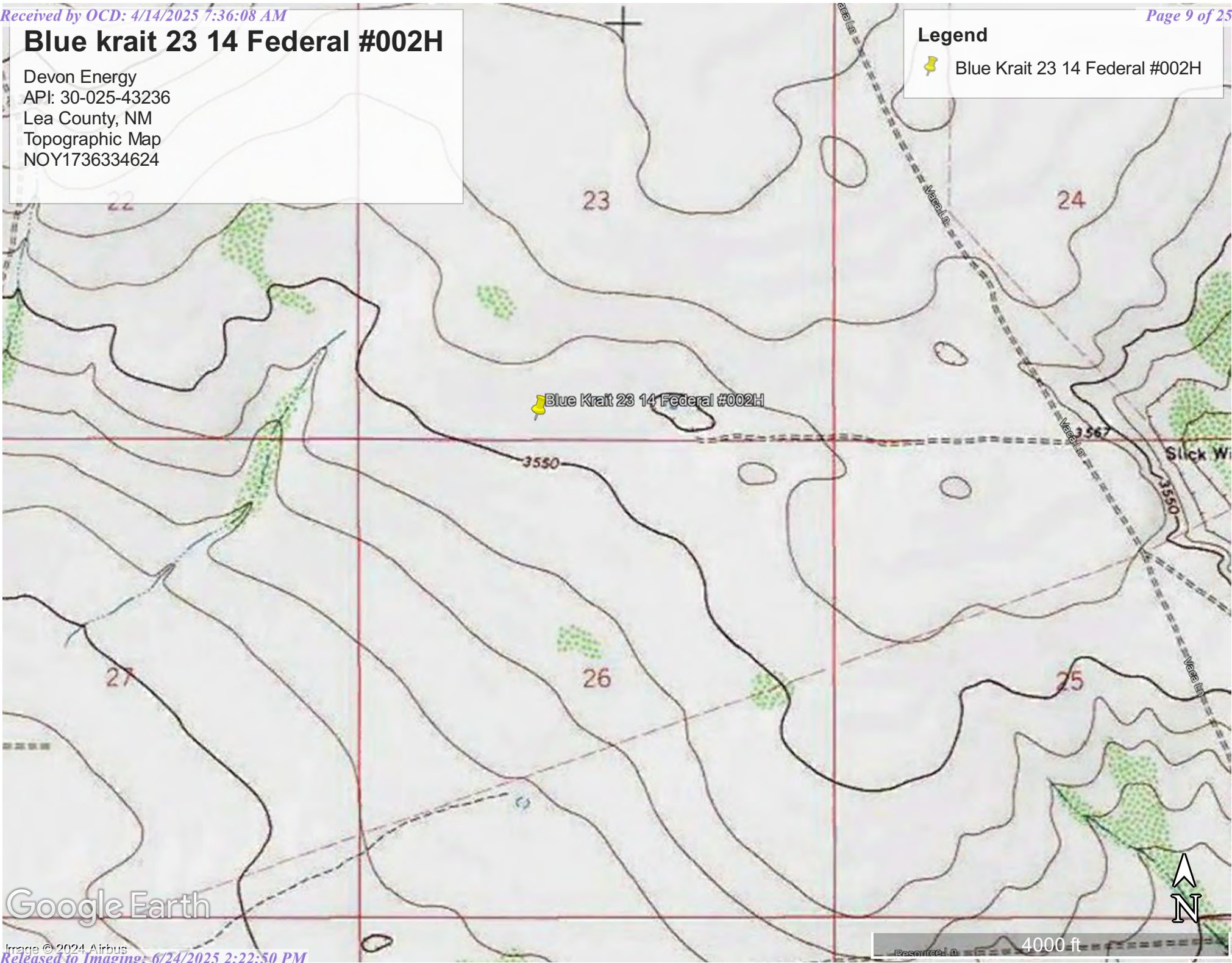
9 mi

Blue krait 23 14 Federal #002H

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

Legend

-  Blue Krait 23 14 Federal #002H








Google Earth

Blue krait 23 14 Federal #002H

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

Legend

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

 Blue Krait 23 14 Federal #002H

Google Earth

Image © 2024 Airbus

Released to Imaging: 6/24/2025 2:22:50 PM



7 mi

Andrews Place

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Blue Krait 23-14 Federal 2H Illegal Dumping

12.13.17



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

WGS_1984_Web_Mercator_Auxiliary_Sphere
Prepared by: Michael Shoemaker
Map is current as of: 22-Dec-2017






Miles
0 0.07 0.14 0.28 1:14,228

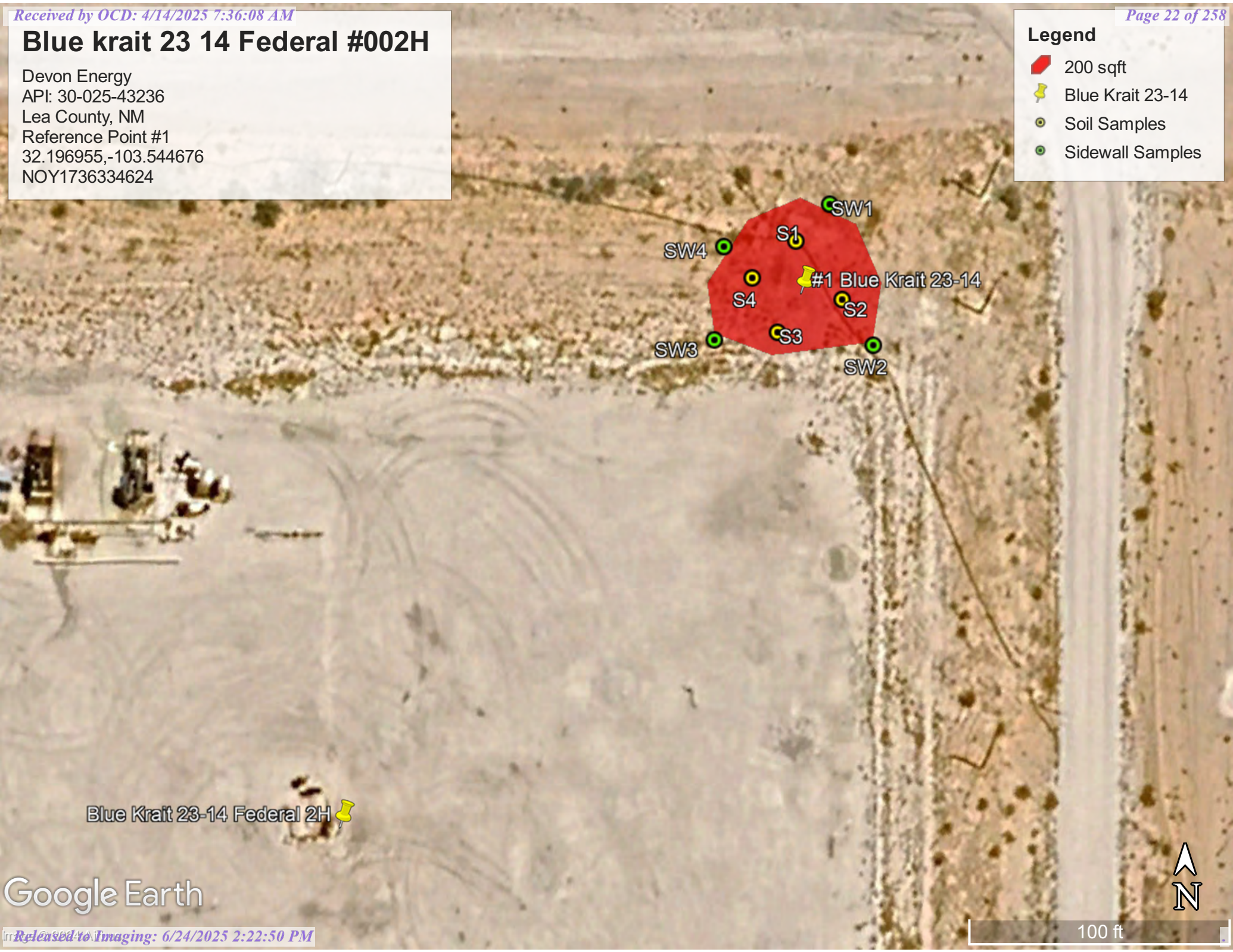



Blue krait 23 14 Federal #002H

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

Legend

-  200 sqft
-  Blue Krait 23-14
-  Soil Samples
-  Sidewall Samples



Blue Krait 23-14 Federal 2H 

Google Earth

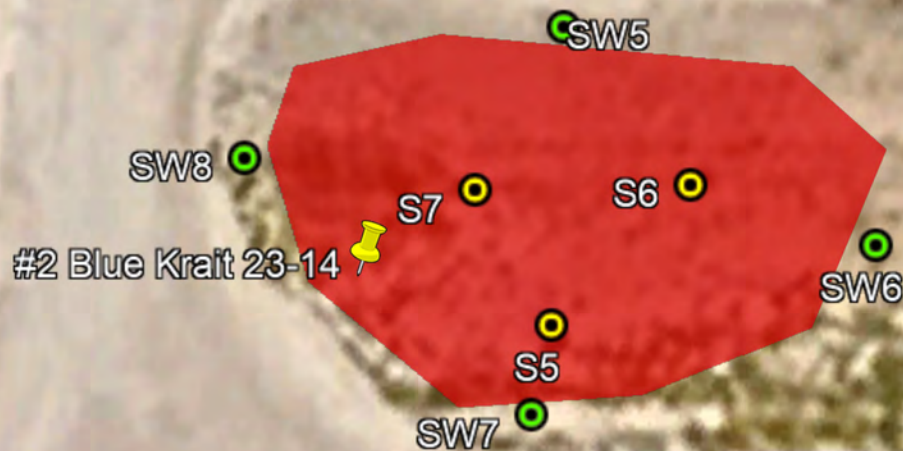


Blue krait 23 14 Federal #002H

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

Legend





-  #2 Blue Krait 23-14
-  Sample Points
-  Sidewall Samples
-  200 sqft

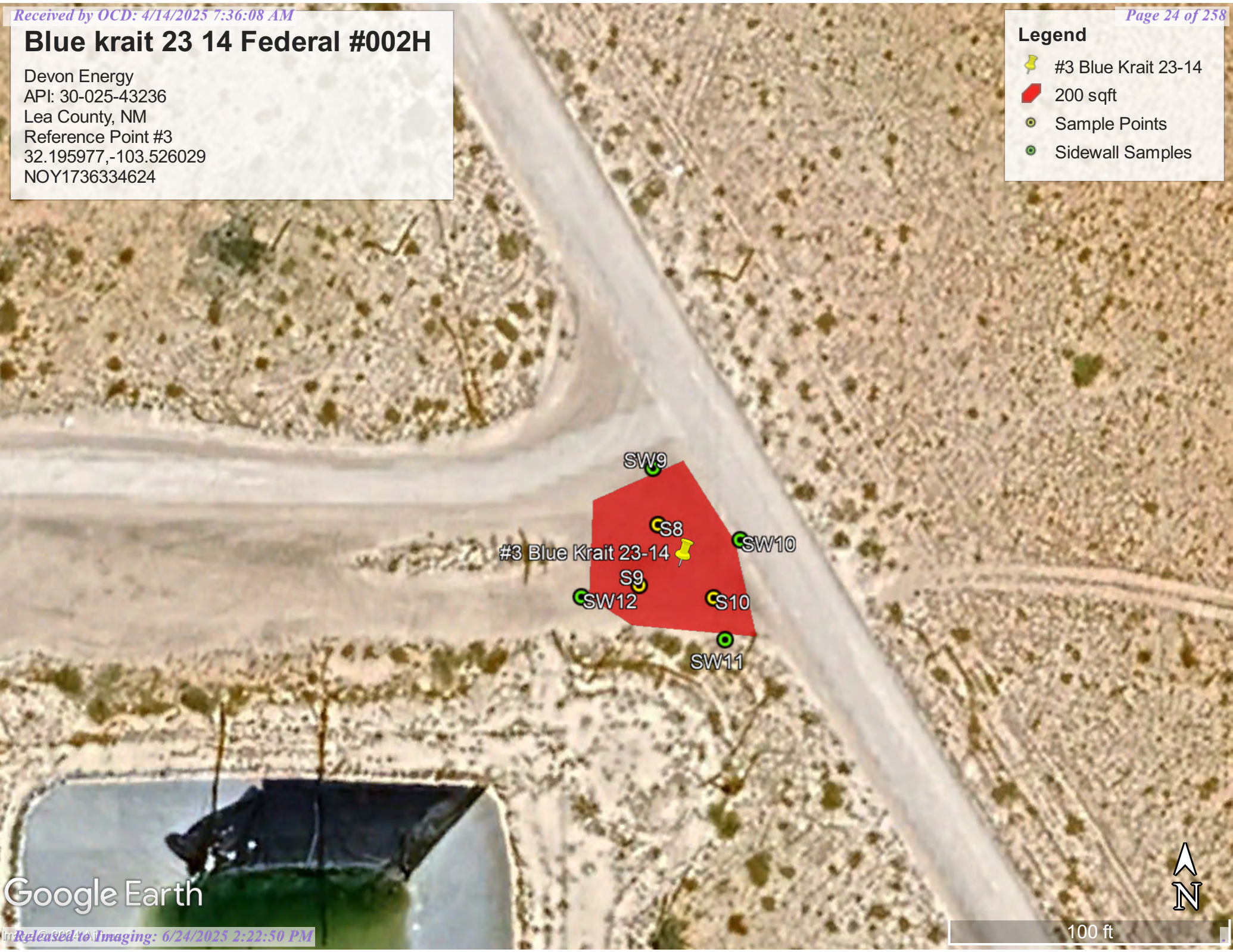


Blue krait 23 14 Federal #002H

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

Legend

-  #3 Blue Krait 23-14
-  200 sqft
-  Sample Points
-  Sidewall Samples



Google Earth







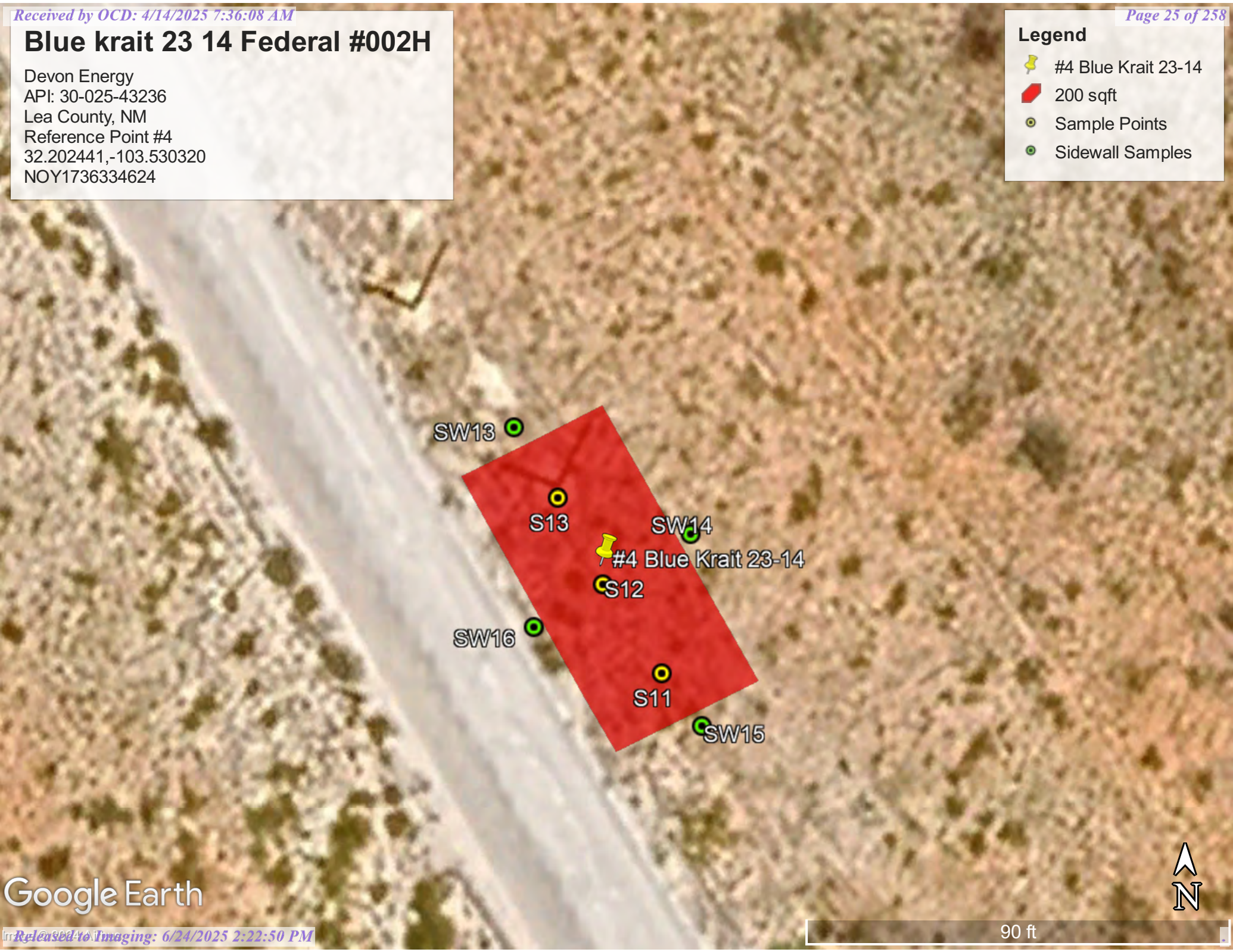
100 ft

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
-  200 sqft
-  Sample Points
-  Sidewall Samples






Google Earth

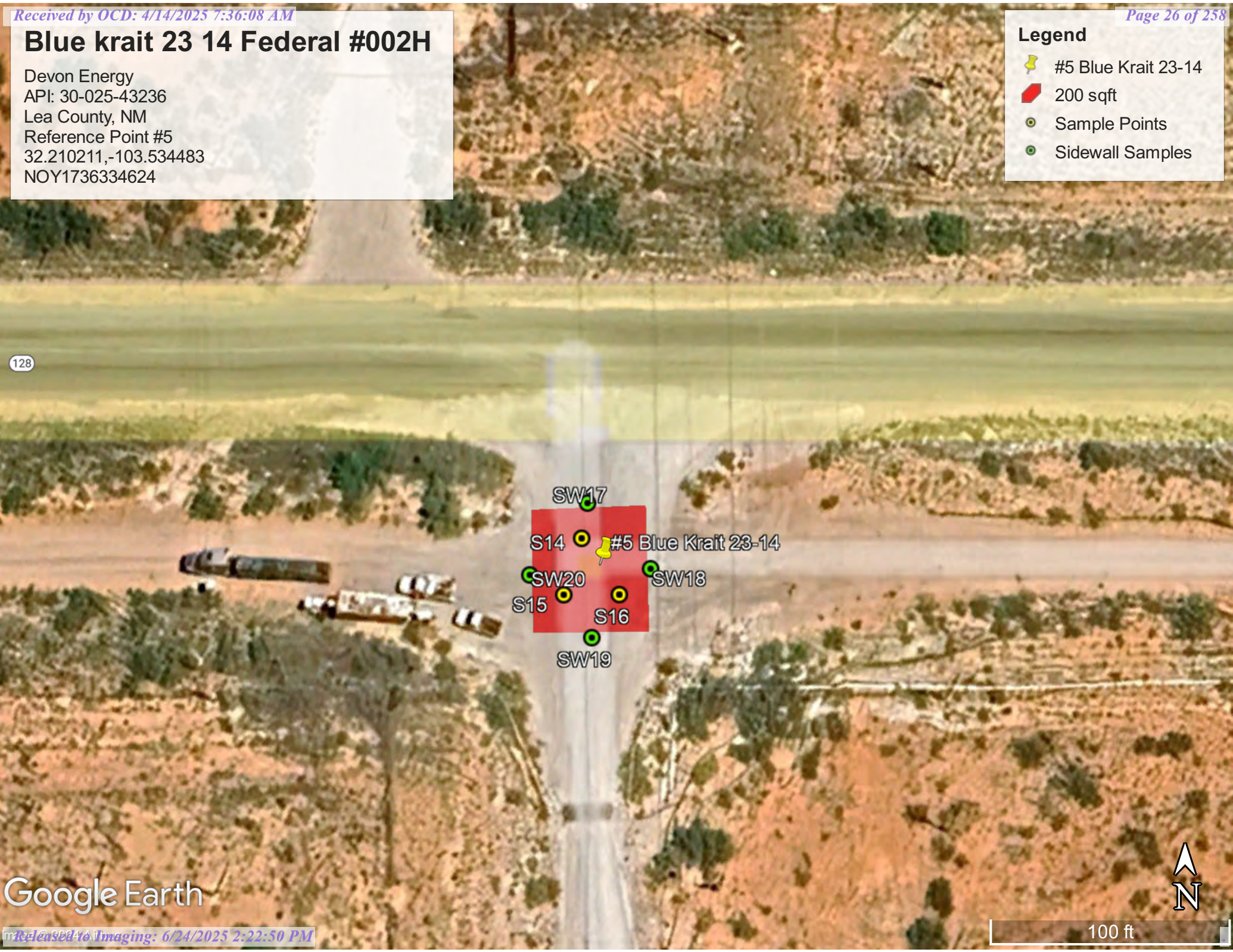


Blue krait 23 14 Federal #002H

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

Legend

-  #5 Blue Krait 23-14
-  200 sqft
-  Sample Points
-  Sidewall Samples



128

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

Google Earth







100 ft

Blue Krait 23 14 Federal #002H

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


Legend

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

#1 Blue Krait 23-14 

CSW2 CSW1
CS1
CSW3 CSW4



 Blue Krait 23-14 Federal 2H




Google Earth



Blue Krait 23 14 Federal #002H

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

Legend




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



Blue Krait 23 14 Federal #002H

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

Legend

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



Vaca Ln






30 ft

Blue Krait 23 14 Federal #002H

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

Legend




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



Blue Krait 23 14 Federal #002H

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

Legend

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



APPENDIX A

OSE Water Survey
USGS Water Survey
Surface Water Map



Pima Environmental Services, LLC
5614 N Lovington Hwy, Hobbs, NM 88240
575-964-7740 | www.pimaoil.com


Boundary Raider 6 Federal #002H | nAPP2213648985

DEVON ENERGY PRODUCTION, LP.

Point of Diversion Summary

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

NAD83 UTM in meters

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

* UTM location was derived from PLSS - see Help

Driller License:	1575	Driller Company:	CURRIE DRILLING COMPANY, INC		
Driller Name:	CURRIE, SHANEG..TY"ENER				
Drill Start Date:	2019-08-01	Drill Finish Date:	2019-08-01	Plug Date:	2019-08-01
Log File Date:	2019-08-22	PCW Rcv Date:		Source:	
Pump Type:		Pipe Discharge Size:		Estimated Yield:	
Casing Size:		Depth Well:	49	Depth Water:	

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

10/28/24 1:24 PM MST




Point of Diversion Summary

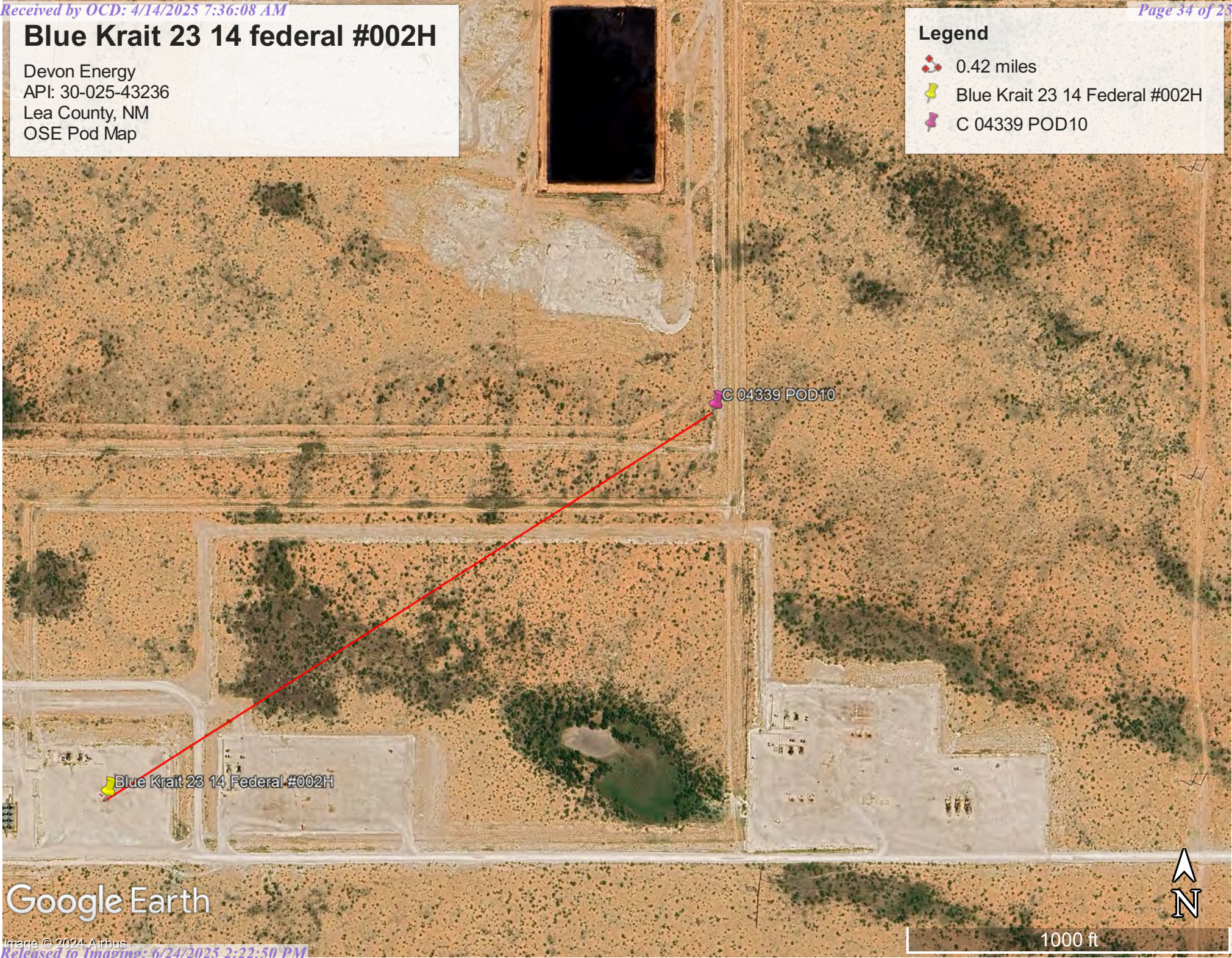
©2024 New Mexico Office of the State Engineer, All Rights Reserved. | [Disclaimer](#) | [Contact Us](#) | [Help](#) | [Home](#) |

Blue Krait 23 14 federal #002H

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

Legend

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



Google Earth

1000 ft



USGS Home
Contact USGS
Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category:

Groundwater

Geographic Area:

United States

GO

Click to hide News Bulletins

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

Groundwater levels for the Nation

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

Search Results -- 1 sites found

site_no list =

- 321403103300301

Minimum number of levels = 1

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

USGS 321403103300301 24S.34E.07.22222

Available data for this site

Groundwater: Field measurements

GO

Lea County, New Mexico

Hydrologic Unit Code 13070007

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

Land-surface elevation 3,606 feet above NAVD88

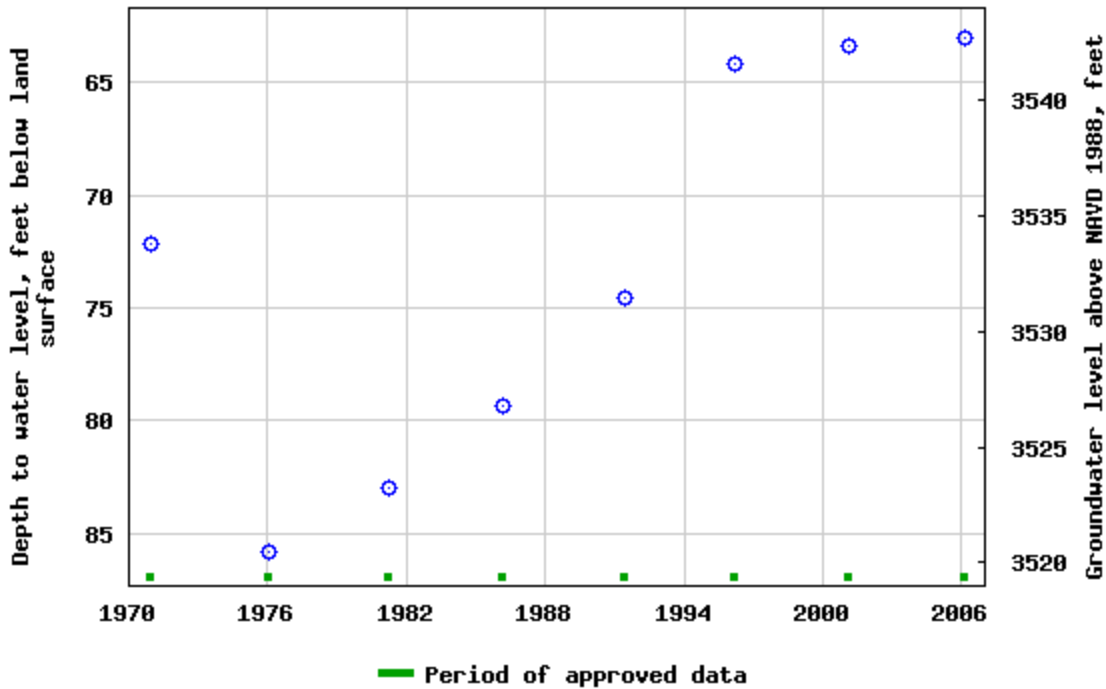
This well is completed in the Other aquifers (N9999OTHER) national aquifer.

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

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period

USGS 321403103300301 24S.34E.07.22222



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

- [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: [USGS Water Data Support Team](#)

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

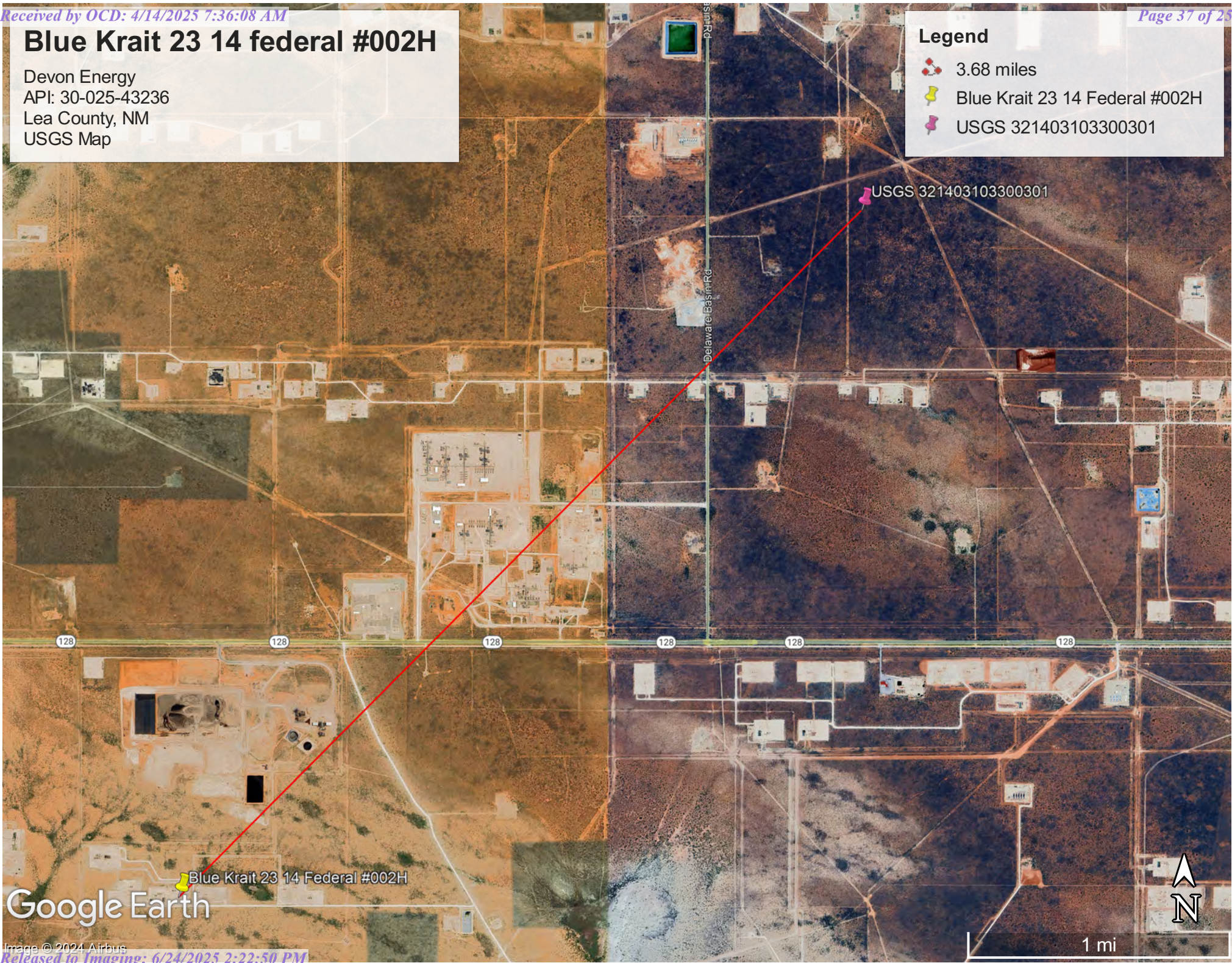
0.91 0.63 nadww02

Blue Krait 23 14 federal #002H

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

Legend

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



Google Earth

Blue Krait 23 14 Federal #002H

USGS 321403103300301




1 mi

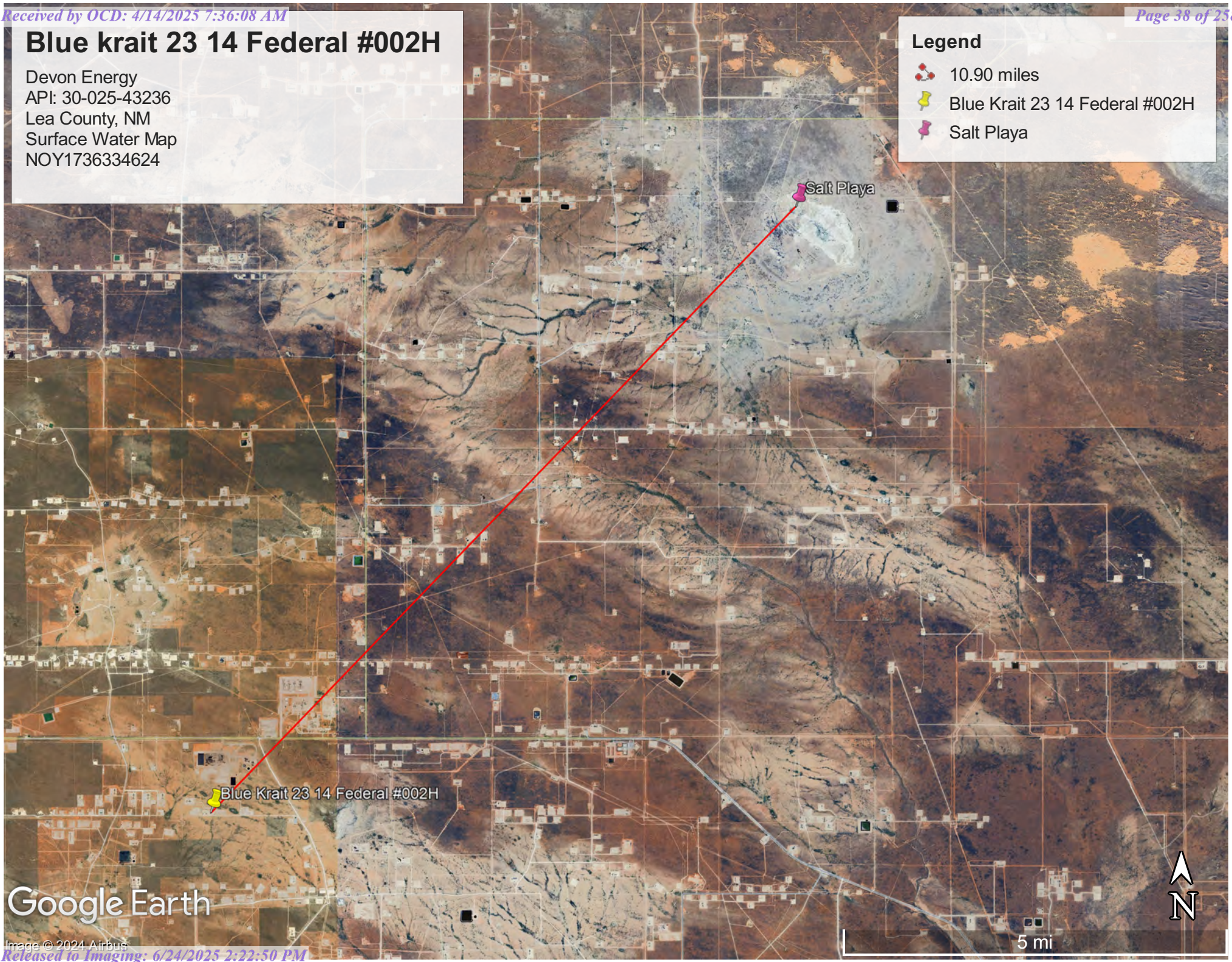


Blue krait 23 14 Federal #002H

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

Legend

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



Blue Krait 23 14 Federal #002H

Salt Playa

Google Earth



5 mi

APPENDIX B

Soil Survey & Geological Data

Geologic Unit Map

FEMA Flood Map

Wetlands Map



Pima Environmental Services, LLC
5614 N Lovington Hwy, Hobbs, NM 88240
575-964-7740 | www.pimaoil.com

Boundary Raider 6 Federal #002H | nAPP2213648985

DEVON ENERGY PRODUCTION, LP.

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

Lea County, New Mexico

SR—Simona-Upton association

Map Unit Setting

National map unit symbol: dmr3
Elevation: 3,000 to 4,400 feet
Mean annual precipitation: 10 to 16 inches
Mean annual air temperature: 58 to 62 degrees F
Frost-free period: 190 to 205 days
Farmland classification: Not prime farmland

Map Unit Composition

Simona and similar soils: 50 percent
Upton and similar soils: 35 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Simona

Setting

Landform: Ridges
Landform position (two-dimensional): Shoulder
Landform position (three-dimensional): Rise
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Calcareous eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 8 inches: gravelly fine sandy loam
Bk - 8 to 16 inches: fine sandy loam
Bkm - 16 to 26 inches: cemented material

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 7 to 20 inches to petrocalcic
Drainage class: Well drained
Runoff class: Very high
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 50 percent
Gypsum, maximum content: 1 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: Very low (about 1.9 inches)

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

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: D
Ecological site: R070BD002NM - Shallow Sandy
Hydric soil rating: No

Description of Upton

Setting

Landform: Ridges
Landform position (two-dimensional): Shoulder
Landform position (three-dimensional): Rise
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Calcareous eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 8 inches: gravelly loam
Bkm - 8 to 18 inches: cemented material
Bck - 18 to 60 inches: very gravelly loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 7 to 20 inches to petrocalcic
Drainage class: Well drained
Runoff class: Medium
Capacity of the most limiting layer to transmit water (Ksat): Low to moderately high (0.01 to 0.60 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 75 percent
Gypsum, maximum content: 1 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: Very low (about 0.9 inches)

Interpretive groups

Land capability classification (irrigated): 6e
Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: D
Ecological site: R070BC025NM - Shallow
Hydric soil rating: No

Minor Components

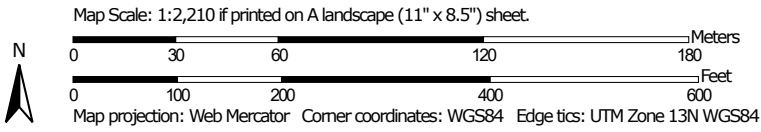
Kimbrough

Percent of map unit: 6 percent
Ecological site: R077CY037TX - Very Shallow 16-21" PZ
Hydric soil rating: No

Soil Map—Lea County, New Mexico




Soil Map may not be valid at this scale.



Soil Map—Lea County, New Mexico

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
 Web Soil Survey URL:
 Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Lea County, New Mexico
 Survey Area Data: Version 21, Sep 3, 2024

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 7, 2020—May 12, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Soil Map—Lea County, New Mexico

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
SR	Simona-Upton association	19.9	100.0%
Totals for Area of Interest		19.9	100.0%

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

Stegall

Percent of map unit: 5 percent

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

Hydric soil rating: No

Slaughter

Percent of map unit: 4 percent

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

Hydric soil rating: No

Data Source Information

Soil Survey Area: Lea County, New Mexico

Survey Area Data: Version 21, Sep 3, 2024

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

Mineral Resources (<https://www.usgs.gov/energy-and-minerals/mineral-resources-program>)

/ Online Spatial Data (/) / Geology (/geology/) / by state (/geology/state/)

/ New Mexico (/geology/state/state.php?state=NM)

Eolian and piedmont deposits

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

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

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

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.

State New Mexico (/geology/state/state.php?state=NM)

Name Eolian and piedmont deposits

Geologic age Holocene to middle Pleistocene

Lithologic constituents Major

Unconsolidated (Eolian) *Interlayered eolian sands and piedmont-slope deposits*

References

New Mexico Bureau of Geology and Mineral Resources, 2003, Geologic Map of New Mexico, scale 1:500,000 (includes some new polygons, faults, and attributes not in NM001 - heads up digitizing by JHorton).

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

Counties Chaves (/geology/state/fips-unit.php?code=f35005) - DeBaca (/geology/state/fips-unit.php?code=f35011) - Eddy (/geology/state/fips-unit.php?code=f35015) - Lea (/geology/state/fips-unit.php?code=f35025) - Roosevelt (/geology/state/fips-unit.php?code=f35041)

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/>)

U.S. Department of the Interior (<https://www.doi.gov/>) | DOI Inspector General (<https://www.doiig.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>)

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

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

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

State New Mexico (/geology/state/state.php?state=NM)

Name Ogallala Formation

Geologic age Lower Pliocene to middle Miocene

Lithologic constituents Major

Unconsolidated > Coarse-detrital > Sand (*Alluvial, Eolian*) *GEOLEX*

Minor

Sedimentary > Carbonate (*Calcareous*) *petrocalcic soils of the southern High Plains; marl*

References

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>)

NGMDB product NGMDB product page for 22974

(https://ngmdb.usgs.gov/Prodesc/proddesc_22974.htm)

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=f35025) - Lincoln (/geology/state/fips-unit.php?code=f35027) - Mora (/geology/state/fips-unit.php?code=f35033) - Quay (/geology/state/fips-unit.php?code=f35037) - Roosevelt (/geology/state/fips-unit.php?code=f35041) - San Miguel (/geology/state/fips-unit.php?code=f35047) - Torrance (/geology/state/fips-unit.php?code=f35057) - Union (/geology/state/fips-unit.php?code=f35059)

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/>)

U.S. Department of the Interior (<https://www.doi.gov/>) | DOI Inspector General (<https://www.doiig.gov/>) |

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

No Fear Act (<https://www.doi.gov/pmb/eo/no-fear-act>) | FOIA (<https://www2.usgs.gov/foia>)

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

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

Piedmont alluvial deposits

XML (</geology/state/xml/NMQp;0>) JSON (</geology/state/json/NMQp;0>)

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

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

State	New Mexico (/geology/state/state.php?state=NM)
Name	Piedmont alluvial deposits
Geologic age	Holocene to lower Pleistocene
Lithologic constituents	Major Unconsolidated (<i>Alluvial</i>) <i>Includes deposits of higher gradient tributaries bordering major stream valleys, alluvial veneers of the piedmont slope, and alluvial fans</i>
References	Green, G.N., Jones, G.E., and Anderson, O.J., 1997, The Digital Geologic Map of New Mexico in ARC/INFO Format: U.S. Geological Survey Open-File Report 97-0052, 9 p., scale 1:500,000. https://pubs.er.usgs.gov/publication/ofr9752 (https://pubs.er.usgs.gov/publication/ofr9752)
NGMDB product	NGMDB product page for 59219 (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/fips-unit.php?code=f35003) - Chaves (/geology/state/fips-unit.php?code=f35005) - Colfax (/geology/state/fips-unit.php?code=f35007) - DeBaca (/geology/state/fips-unit.php?code=f35011) - Dona Ana (/geology/state/fips-unit.php?code=f35013) - Eddy (/geology/state/fips-unit.php?code=f35015) - Grant (/geology/state/fips-unit.php?code=f35017) - Guadalupe (/geology/state/fips-unit.php?code=f35019) - Hidalgo (/geology/state/fips-unit.php?code=f35023) - Lea (/geology/state/fips-unit.php?code=f35025) - Lincoln (/geology/state/fips-unit.php?code=f35027) - Los Alamos (/geology/state/fips-unit.php?code=f35028) - Luna (/geology/state/fips-unit.php?code=f35029) - Mora (/geology/state/fips-unit.php?code=f35033) - Otero (/geology/state/fips-unit.php?code=f35035) - Quay (/geology/state/fips-unit.php?code=f35037) - Rio Arriba (/geology/state/fips-unit.php?code=f35039) - Roosevelt (/geology/state/fips-unit.php?code=f35041) - Sandoval (/geology/state/fips-unit.php?code=f35043) - San Miguel (/geology/state/fips-unit.php?code=f35047) - Santa Fe (/geology/state/fips-unit.php?code=f35049) - Sierra (/geology/state/fips-unit.php?code=f35051) - Socorro (/geology/state/fips-unit.php?code=f35053) - Taos (/geology/state/fips-unit.php?code=f35055) - Torrance (/geology/state/fips-unit.php?code=f35057) - Valencia (/geology/state/fips-unit.php?code=f35061)

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/>)

U.S. Department of the Interior (<https://www.doi.gov/>) | DOI Inspector General (<https://www.doiig.gov/>) |





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

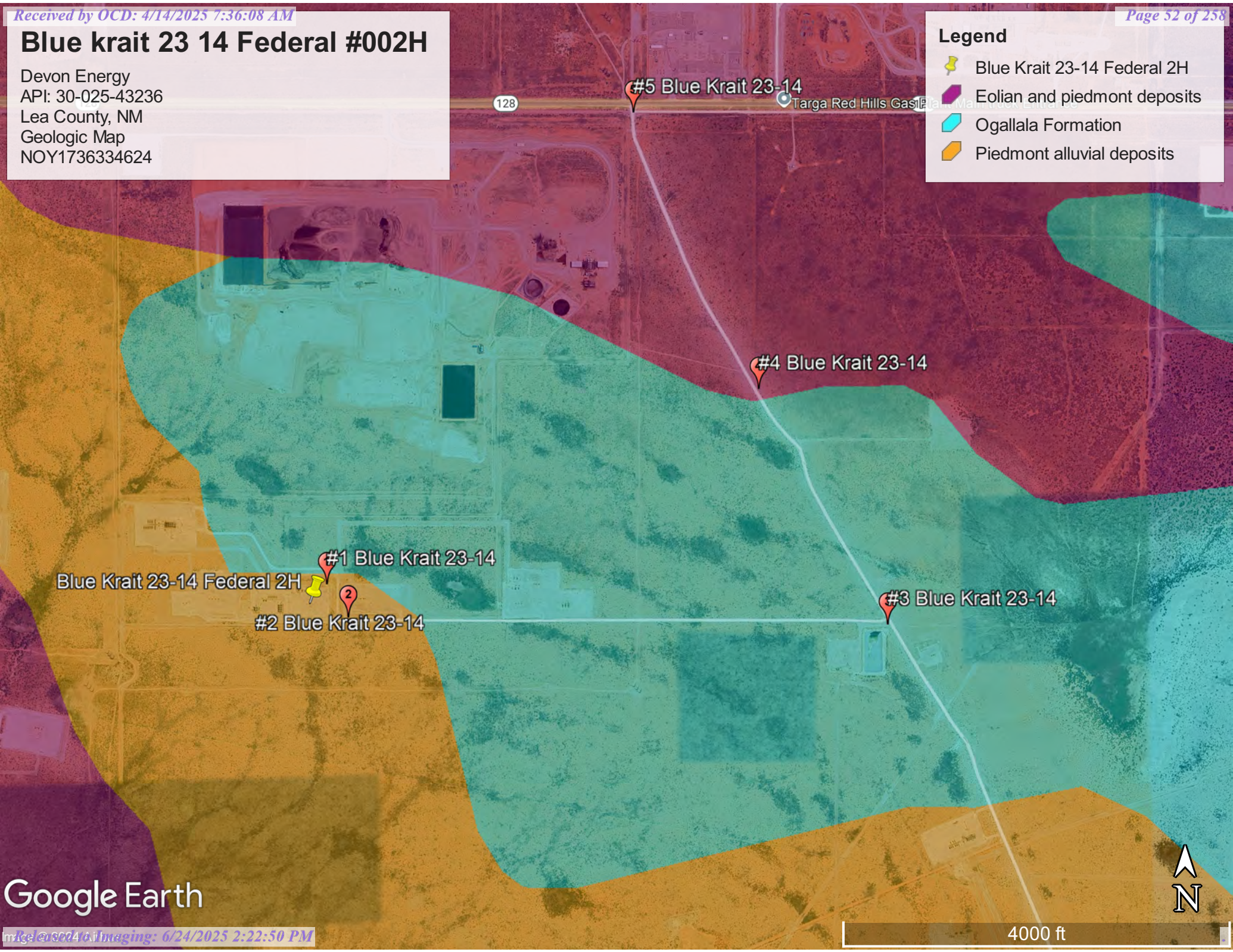
No Fear Act (<https://www.doi.gov/pmb/eeo/no-fear-act>) | FOIA (<https://www2.usgs.gov/foia>)

Blue krait 23 14 Federal #002H

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

Legend

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



Google Earth

National Flood Hazard Layer FIRMMette



103°33'2"W 32°12'2"N



Legend

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

- SPECIAL FLOOD HAZARD AREAS**
 - Without Base Flood Elevation (BFE) Zone A, V, A99
 - With BFE or Depth Zone AE, AO, AH, VE, AR
 - Regulatory Floodway
 - OTHER AREAS OF FLOOD HAZARD**
 - 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
 - Future Conditions 1% Annual Chance Flood Hazard Zone X
 - Area with Reduced Flood Risk due to Levee. See Notes. Zone X
 - Area with Flood Risk due to Levee Zone D
 - OTHER AREAS**
 - NO SCREEN Area of Minimal Flood Hazard Zone X
 - Effective LOMRs
 - Area of Undetermined Flood Hazard Zone D
 - GENERAL STRUCTURES**
 - Channel, Culvert, or Storm Sewer
 - Levee, Dike, or Floodwall
 - OTHER FEATURES**
 - Cross Sections with 1% Annual Chance Water Surface Elevation
 - Coastal Transect
 - Base Flood Elevation Line (BFE)
 - Limit of Study
 - Jurisdiction Boundary
 - Coastal Transect Baseline
 - Profile Baseline
 - Hydrographic Feature
 - MAP PANELS**
 - Digital Data Available
 - No Digital Data Available
 - Unmapped
- The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.



1:6,000

103°32'24"W 32°11'32"N

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 10/29/2024 at 2:41 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.









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



U.S. Fish and Wildlife Service, National Standards and Support Team, wetlands_team@fws.gov

April 11, 2025

Wetlands

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

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

APPENDIX C

48-Hour Sampling Notification



Pima Environmental Services, LLC
5614 N Lovington Hwy, Hobbs, NM 88240
575-964-7740 | www.pimaoil.com

Boundary Raider 6 Federal #002H | nAPP2213648985

DEVON ENERGY PRODUCTION, LP.

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

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

QUESTIONS

Action 400120

QUESTIONS

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

QUESTIONS

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

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

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
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
District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 400120

CONDITIONS

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

CONDITIONS

Created By	Condition	Condition Date
jralej	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



Pima Environmental Services, LLC
5614 N Lovington Hwy, Hobbs, NM 88240
575-964-7740 | www.pimaoil.com

Boundary Raider 6 Federal #002H | nAPP2213648985

DEVON ENERGY PRODUCTION, LP.

PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Blue Krait Federal 23 14 Fed 2H

Assessment 1)32.196955,-103.544676



Sign Site information

Point of reference area 1, Facing East.



Point of reference area 1,, Facing South.

Point of reference area 1, Facing North.



Point of reference area 1, Facing West.

PHOTOGRAPHIC DOCUMENTATION SITE

NAME: Blue Krait Federal 23 14 Fed 2H

Assessment 2) 32.195904,-103.543667



Point of reference area 2, Facing East.



Point of reference area 2 Facing North.



Point of reference area 2, Facing South.



Point of reference area 2, Facing West.



PHOTOGRAPHIC DOCUMENTATION SITE

NAME: Blue Krait Federal 23 14 Fed 2H

Assessment 3) 32.195977,-103.526029



Point of reference area 3, Facing Southeast.



Point of reference area 3, Facing Northeast.



Point of reference area 3, Facing Northwest.



Point of reference area 3, Facing Southwest.

PHOTOGRAPHIC DOCUMENTATION SITE

NAME: Blue Krait Federal 23 14 Fed 2H

Assessment 4) 32.202441,-103.530320



Point of reference area 4, Facing Southeast.



Point of reference area 4, Facing East.



Point of reference area 4, Facing Northeast.

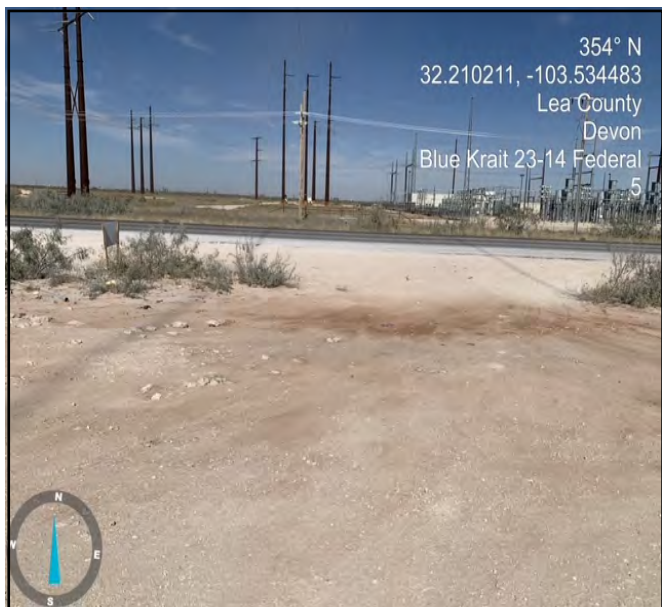


Point of reference area 4, Facing Southwest.

PHOTOGRAPHIC DOCUMENTATION SITE

NAME: Blue Krait Federal 23 14 Fed 2H

Assessment 5) 32.210211,-103.534483



Point of reference area 5, Facing North.



Point of reference area 5, Facing East.



Point of reference area 5, Facing South.



Point of reference area 5, Facing West.

APPENDIX E

Laboratory Results

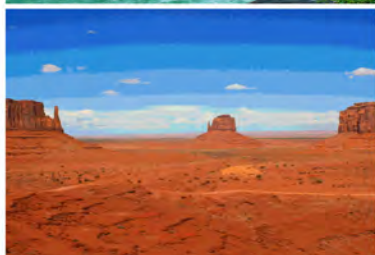


Pima Environmental Services, LLC
5614 N Lovington Hwy, Hobbs, NM 88240
575-964-7740 | www.pimaoil.com

Boundary Raider 6 Federal #002H | nAPP2213648985

DEVON ENERGY PRODUCTION, LP.

Report to:
Gio Gomez



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Blue Krait 23-14 Federal 2H

Work Order: E405235

Job Number: 01058-0007

Received: 5/17/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/28/24

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 5/28/24



Gio Gomez
PO Box 247
Plains, TX 79355-0247

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

Gio Gomez,

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

The analytical test results summarized in this report with the Project Name: Blue Krait 23-14 Federal 2H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area

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

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

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
S1-1'	6
S1-2'	7
S1-3'	8
S1-4'	9
S2-1'	10
S2-2'	11
S2-3'	12
S2-4'	13
S3-1'	14
S3-2'	15
S3-3'	16
S3-4'	17
S4-1'	18
S4-2'	19
S4-3'	20
S4-4'	21
SW1	22
SW2	23
SW3	24
SW4	25

Table of Contents (continued)

QC Summary Data	26
QC - Volatile Organic Compounds by EPA 8260B	26
QC - Nonhalogenated Organics by EPA 8015D - GRO	27
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	28
QC - Anions by EPA 300.0/9056A	29
Definitions and Notes	30
Chain of Custody etc.	31

Sample Summary

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

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

Sample Data

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

S1-1'

E405235-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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	
<i>Surrogate: Bromofluorobenzene</i>		110 %	70-130	05/21/24	05/23/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		90.3 %	70-130	05/21/24	05/23/24	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		110 %	70-130	05/21/24	05/23/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		90.3 %	70-130	05/21/24	05/23/24	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: n-Nonane</i>		108 %	50-200	05/22/24	05/24/24	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: IY		Batch: 2421082
Chloride	72.8	20.0	1	05/22/24	05/22/24	



Sample Data

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

S1-2'

E405235-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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	
<i>Surrogate: Bromofluorobenzene</i>		112 %	70-130	05/21/24	05/23/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		91.6 %	70-130	05/21/24	05/23/24	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		112 %	70-130	05/21/24	05/23/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		91.6 %	70-130	05/21/24	05/23/24	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: n-Nonane</i>		107 %	50-200	05/22/24	05/24/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421082
Chloride	ND	20.0	1	05/22/24	05/22/24	



Sample Data

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

S1-3'

E405235-03

Analyte	Result	Reporting Limit	Dilution	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	
<i>Surrogate: Bromofluorobenzene</i>		110 %	70-130	05/21/24	05/23/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		91.1 %	70-130	05/21/24	05/23/24	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		110 %	70-130	05/21/24	05/23/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		91.1 %	70-130	05/21/24	05/23/24	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: n-Nonane</i>		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	



Sample Data

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

S1-4'

E405235-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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	
<i>Surrogate: Bromofluorobenzene</i>		109 %	70-130	05/21/24	05/23/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		90.6 %	70-130	05/21/24	05/23/24	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		109 %	70-130	05/21/24	05/23/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		90.6 %	70-130	05/21/24	05/23/24	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: n-Nonane</i>		104 %	50-200	05/22/24	05/24/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421082
Chloride	30.0	20.0	1	05/22/24	05/22/24	



Sample Data

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

S2-1'

E405235-05

Analyte	Result	Reporting Limit	Dilution	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	
<i>Surrogate: Bromofluorobenzene</i>		111 %	70-130	05/21/24	05/23/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		89.3 %	70-130	05/21/24	05/23/24	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		111 %	70-130	05/21/24	05/23/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		89.3 %	70-130	05/21/24	05/23/24	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: n-Nonane</i>		111 %	50-200	05/22/24	05/24/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2421082
Chloride	60.2	20.0	1	05/22/24	05/22/24	



Sample Data

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

S2-2'

E405235-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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	
<i>Surrogate: Bromofluorobenzene</i>		110 %	70-130	05/21/24	05/23/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		88.9 %	70-130	05/21/24	05/23/24	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		110 %	70-130	05/21/24	05/23/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		88.9 %	70-130	05/21/24	05/23/24	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: n-Nonane</i>		103 %	50-200	05/22/24	05/24/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421082
Chloride	ND	20.0	1	05/22/24	05/22/24	



Sample Data

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

S2-3'

E405235-07

Analyte	Result	Reporting Limit	Dilution	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	
<i>Surrogate: Bromofluorobenzene</i>		115 %	70-130	05/21/24	05/23/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		91.7 %	70-130	05/21/24	05/23/24	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		115 %	70-130	05/21/24	05/23/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		91.7 %	70-130	05/21/24	05/23/24	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: n-Nonane</i>		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	



Sample Data

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

S2-4'

E405235-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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	
<i>Surrogate: Bromofluorobenzene</i>		109 %	70-130	05/21/24	05/23/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		92.3 %	70-130	05/21/24	05/23/24	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		109 %	70-130	05/21/24	05/23/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		92.3 %	70-130	05/21/24	05/23/24	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: n-Nonane</i>		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	05/22/24	05/22/24	



Sample Data

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

S3-1'

E405235-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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	
<i>Surrogate: Bromofluorobenzene</i>		112 %	70-130	05/21/24	05/23/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		91.0 %	70-130	05/21/24	05/23/24	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		112 %	70-130	05/21/24	05/23/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		91.0 %	70-130	05/21/24	05/23/24	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: n-Nonane</i>		111 %	50-200	05/22/24	05/24/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2421082
Chloride	66.0	20.0	1	05/22/24	05/22/24	



Sample Data

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

S3-2'

E405235-10

Analyte	Result	Reporting Limit	Dilution	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	
<i>Surrogate: Bromofluorobenzene</i>		110 %	70-130	05/21/24	05/23/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		91.5 %	70-130	05/21/24	05/23/24	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		110 %	70-130	05/21/24	05/23/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		91.5 %	70-130	05/21/24	05/23/24	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: n-Nonane</i>		112 %	50-200	05/22/24	05/24/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2421082
Chloride	ND	20.0	1	05/22/24	05/22/24	



Sample Data

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

S3-3'

E405235-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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	
<i>Surrogate: Bromofluorobenzene</i>		111 %	70-130	05/21/24	05/23/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		92.8 %	70-130	05/21/24	05/23/24	
<i>Surrogate: Toluene-d8</i>		108 %	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	
<i>Surrogate: Bromofluorobenzene</i>		111 %	70-130	05/21/24	05/23/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		92.8 %	70-130	05/21/24	05/23/24	
<i>Surrogate: Toluene-d8</i>		108 %	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	
<i>Surrogate: n-Nonane</i>		108 %	50-200	05/22/24	05/24/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421082
Chloride	41.0	20.0	1	05/22/24	05/22/24	



Sample Data

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

S3-4'

E405235-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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	
<i>Surrogate: Bromofluorobenzene</i>		109 %	70-130	05/21/24	05/23/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		88.2 %	70-130	05/21/24	05/23/24	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		109 %	70-130	05/21/24	05/23/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		88.2 %	70-130	05/21/24	05/23/24	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: n-Nonane</i>		112 %	50-200	05/22/24	05/24/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2421082
Chloride	34.8	20.0	1	05/22/24	05/22/24	



Sample Data

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

S4-1'

E405235-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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	
<i>Surrogate: Bromofluorobenzene</i>		109 %	70-130	05/21/24	05/23/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		86.6 %	70-130	05/21/24	05/23/24	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		109 %	70-130	05/21/24	05/23/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		86.6 %	70-130	05/21/24	05/23/24	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: n-Nonane</i>		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	05/22/24	05/22/24	



Sample Data

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

S4-2'

E405235-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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	
<i>Surrogate: Bromofluorobenzene</i>		110 %	70-130	05/21/24	05/23/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		86.6 %	70-130	05/21/24	05/23/24	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		110 %	70-130	05/21/24	05/23/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		86.6 %	70-130	05/21/24	05/23/24	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: n-Nonane</i>		111 %	50-200	05/22/24	05/24/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421082
Chloride	ND	20.0	1	05/22/24	05/22/24	



Sample Data

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

S4-3'

E405235-15

Analyte	Result	Reporting Limit	Dilution	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	
<i>Surrogate: Bromofluorobenzene</i>		111 %	70-130	05/21/24	05/23/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		91.3 %	70-130	05/21/24	05/23/24	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		111 %	70-130	05/21/24	05/23/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		91.3 %	70-130	05/21/24	05/23/24	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: n-Nonane</i>		113 %	50-200	05/22/24	05/24/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421082
Chloride	34.4	20.0	1	05/22/24	05/22/24	



Sample Data

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

S4-4'

E405235-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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	
<i>Surrogate: Bromofluorobenzene</i>		111 %	70-130	05/21/24	05/23/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		88.4 %	70-130	05/21/24	05/23/24	
<i>Surrogate: Toluene-d8</i>		104 %	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	
<i>Surrogate: Bromofluorobenzene</i>		111 %	70-130	05/21/24	05/23/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		88.4 %	70-130	05/21/24	05/23/24	
<i>Surrogate: Toluene-d8</i>		104 %	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	
<i>Surrogate: n-Nonane</i>		113 %	50-200	05/22/24	05/24/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421082
Chloride	31.5	20.0	1	05/22/24	05/22/24	



Sample Data

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

SW1

E405235-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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	
<i>Surrogate: Bromofluorobenzene</i>		107 %	70-130	05/21/24	05/23/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		91.9 %	70-130	05/21/24	05/23/24	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		107 %	70-130	05/21/24	05/23/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		91.9 %	70-130	05/21/24	05/23/24	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: n-Nonane</i>		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	



Sample Data

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

SW2

E405235-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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	
<i>Surrogate: Bromofluorobenzene</i>		109 %	70-130	05/21/24	05/23/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		92.5 %	70-130	05/21/24	05/23/24	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		109 %	70-130	05/21/24	05/23/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		92.5 %	70-130	05/21/24	05/23/24	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: n-Nonane</i>		113 %	50-200	05/22/24	05/25/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2421082
Chloride	41.4	20.0	1	05/22/24	05/22/24	



Sample Data

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

SW3

E405235-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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	
<i>Surrogate: Bromofluorobenzene</i>		111 %	70-130	05/21/24	05/23/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		90.5 %	70-130	05/21/24	05/23/24	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		111 %	70-130	05/21/24	05/23/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		90.5 %	70-130	05/21/24	05/23/24	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: n-Nonane</i>		109 %	50-200	05/22/24	05/25/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421082
Chloride	21.2	20.0	1	05/22/24	05/22/24	



Sample Data

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

SW4

E405235-20

Analyte	Result	Reporting Limit	Dilution	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	
<i>Surrogate: Bromofluorobenzene</i>		112 %	70-130	05/21/24	05/23/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		89.0 %	70-130	05/21/24	05/23/24	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		112 %	70-130	05/21/24	05/23/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		89.0 %	70-130	05/21/24	05/23/24	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: n-Nonane</i>		112 %	50-200	05/22/24	05/25/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421082
Chloride	44.9	20.0	1	05/22/24	05/22/24	



QC Summary Data

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

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

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

Blank (2421061-BLK1)

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

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.557		0.500		111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.446		0.500		89.1	70-130			
Surrogate: Toluene-d8	0.529		0.500		106	70-130			

LCS (2421061-BS1)

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

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

LCS Dup (2421061-BSD1)

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

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



QC Summary Data

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

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

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

Blank (2421061-BLK1)

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

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

LCS (2421061-BS2)

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

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

LCS Dup (2421061-BSD2)

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

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



QC Summary Data

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

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

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

Blank (2421070-BLK1)

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

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	53.4		50.0		107	50-200			

LCS (2421070-BS1)

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

Diesel Range Organics (C10-C28)	238	25.0	250		95.2	38-132			
Surrogate: n-Nonane	53.7		50.0		107	50-200			

LCS Dup (2421070-BSD1)

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

Diesel Range Organics (C10-C28)	254	25.0	250		102	38-132	6.62	20	
Surrogate: n-Nonane	53.6		50.0		107	50-200			



QC Summary Data

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

Anions by EPA 300.0/9056A

Analyst: IY

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

Blank (2421082-BLK1)

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

Chloride	ND	20.0							
----------	----	------	--	--	--	--	--	--	--

LCS (2421082-BS1)

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

Chloride	254	20.0	250		102	90-110			
----------	-----	------	-----	--	-----	--------	--	--	--

LCS Dup (2421082-BSD1)

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

Chloride	254	20.0	250		102	90-110	0.0755	20	
----------	-----	------	-----	--	-----	--------	--------	----	--

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

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

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Project Information

Chain of Custody

E405235 01058-0007

Client: Pima Environmental Services
 Project: Blue Kraai + 23-14 Federal 2H
 Project Manager: Glo Gomez
 Address: 5614 N. Lovington Hwy.
 City, State, Zip: Hobbs, NM, 86240
 Phone: 800-782-1151
 Email: glo@pimesoil.com
 Report due by:

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

TAT			EPA Program		
1D	2D	3D	Standard	CWA	SDWA
			X		
				RCRA	

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID
8:03	5/15	S		S1-1'
8:06				S1-2'
8:15				S1-3'
8:22				S1-4'
8:29				S2-1'
8:33				S2-2'
8:38				S2-3'
8:46				S2-4'
8:52				S3-1'
9:00				S3-2'

Analysis and Method							
DIC/DOC by 8015	DOC/DOC by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BDOC NM	BDOC TX
						X	

State				
NM	CO	UT	AZ	TX
X				

Additional Instructions: B# 21198860

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

Relinquished by: (Signature) Karime Atame	Date 5-16-24	Time 1315	Received by: (Signature) [Signature]	Date 5-16-24	Time 1315	Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C 4
Relinquished by: (Signature) [Signature]	Date 5-16-24	Time 1600	Received by: (Signature) [Signature]	Date 5-16-24	Time 1830	
Relinquished by: (Signature) [Signature]	Date 5-16-24	Time 2400	Received by: (Signature) [Signature]	Date 05/17/24	Time 10:33	

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



Envirotech Analytical Laboratory

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

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	05/17/24 10:33	Work Order ID:	E405235
Phone:	(575) 631-6977	Date Logged In:	05/16/24 17:08	Logged In By:	Alexa Michaels
Email:	gio@pimaoil.com	Due Date:	05/23/24 17:00 (4 day TAT)		

Chain of Custody (COC)

- 1. Does the sample ID match the COC? Yes
 - 2. Does the number of samples per sampling site location match the COC? Yes
 - 3. Were samples dropped off by client or carrier? Yes
 - 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
 - 5. Were all samples received within holding time? Yes
- Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this discussion.

Carrier: Courier

Comments/Resolution

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

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Gio Gomez



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Blue Krait 23-14 Federal 2H

Work Order: E405236

Job Number: 01058-0007

Received: 5/17/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/29/24

5796 U.S. Hwy 64
Farmington, NM 87401

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



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



Date Reported: 5/29/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247

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

Gio Gomez,

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

The analytical test results summarized in this report with the Project Name: Blue Krait 23-14 Federal 2H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area

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

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

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
S5-1'	6
S5-2'	7
S5-3'	8
S5-4'	9
S6-1'	10
S6-2'	11
S6-3'	12
S6-4'	13
S7-1'	14
S7-2'	15
S7-3'	16
S7-4	17
SW5	18
SW6	19
SW7	20
SW8	21
S8-1'	22
S8-2'	23
S8-3'	24
S8-4'	25

Table of Contents (continued)

QC Summary Data	26
QC - Volatile Organics by EPA 8021B	26
QC - Nonhalogenated Organics by EPA 8015D - GRO	27
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	28
QC - Anions by EPA 300.0/9056A	29
Definitions and Notes	30
Chain of Custody etc.	31

Sample Summary

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

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

Sample Data

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

S5-1'

E405236-01

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



Sample Data

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

S5-2'

E405236-02

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



Sample Data

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

S5-3'

E405236-03

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



Sample Data

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

S5-4'

E405236-04

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



Sample Data

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

S6-1'

E405236-05

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



Sample Data

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

S6-2'

E405236-06

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



Sample Data

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

S6-3'

E405236-07

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



Sample Data

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

S6-4'

E405236-08

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



Sample Data

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

S7-1'

E405236-09

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



Sample Data

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

S7-2'

E405236-10

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



Sample Data

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

S7-3'

E405236-11

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



Sample Data

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

S7-4

E405236-12

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



Sample Data

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

SW5

E405236-13

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



Sample Data

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

SW6

E405236-14

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



Sample Data

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

SW7

E405236-15

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



Sample Data

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

SW8

E405236-16

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



Sample Data

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

S8-1'

E405236-17

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



Sample Data

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

S8-2'

E405236-18

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



Sample Data

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

S8-3'

E405236-19

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



Sample Data

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

S8-4'

E405236-20

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



QC Summary Data

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

Volatile Organics by EPA 8021B

Analyst: EG

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

Blank (2421060-BLK1)

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

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

LCS (2421060-BS1)

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

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

LCS Dup (2421060-BSD1)

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

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



QC Summary Data

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

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: EG

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

Blank (2421060-BLK1)

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

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

LCS (2421060-BS2)

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

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

LCS Dup (2421060-BSD2)

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

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



QC Summary Data

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

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 (2421071-BLK1)

Prepared: 05/22/24 Analyzed: 05/25/24

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

LCS (2421071-BS1)

Prepared: 05/22/24 Analyzed: 05/25/24

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

LCS Dup (2421071-BSD1)

Prepared: 05/22/24 Analyzed: 05/25/24

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



QC Summary Data

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

Anions by EPA 300.0/9056A

Analyst: IY

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

Blank (2421083-BLK1)

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

Chloride ND 20.0

LCS (2421083-BS1)

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

Chloride 253 20.0 250 101 90-110

LCS Dup (2421083-BSD1)

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

Chloride 251 20.0 250 101 90-110 0.824 20

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

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

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Project Information

Chain of Custody

E465236 01058-0007

Client: Pima Environmental Services
 Project: Blue Krait 23-14 Federal 2H
 Project Manager: Glo Gomez
 Address: 5614 N. Lovington Hwy.
 City, State, Zip: Hobbs, NM, 88240
 Phone: 808-782-1181
 Email: glo@pimasoil.com
 Report due by:

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

TAT				EPA Program	
1D	2D	3D	Standard	CWA	SDWA
			X		
Analysis and Method				RCRA	

State				
NM	CO	UT	AZ	TX
X				
Remarks				

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID
10:36	5/15	S		55-1'
10:41				55-2'
10:55				55-3'
11:11				55-4'
11:17				56-1'
11:21				56-2'
11:30				56-3'
11:46				56-4'
11:51				57-1'
11:56				57-2'

DNO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX
						X	

Additional Instructions:

B# 21198860

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

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

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

Lab Use Only		
Received on ice:	Y / N	
T1	T2	T3
AVG Temp °C		
4		

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



Project Information

Chain of Custody

E405236 01080007

Client: Pima Environmental Services
 Project: Blue Kraft 23-24 Federal ZH
 Project Manager: Glo Gomez
 Address: 5814 N. Lovington Hwy.
 City, State, Zip: Hobbs, NM, 88240
 Phone: 800-782-1151
 Email: glo@polmaoil.com
 Report due by:

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

TAT			EPA Program				
1D	2D	3D	Standard	CWA	SDWA		
			RCRA				
			State				
			NM	CO	UT	AZ	TX
			X				

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	DIC/DOC by 8015	GR/DR by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	PGOC NM	PGOC TX	Remarks
12:02	5/15	S		S7-3'							X		
12:16				S7-4'									
12:19				SW5									
12:29				SW6									
12:33				SW7									
12:43				SW8									
12:50				S8-1'									
1:03				S8-2'									
1:17				S8-3'									
1:20				S8-4'									

Additional Instructions: B# 21198860

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

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

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



Envirotech Analytical Laboratory

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

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client: Pima Environmental Services-Carlsbad	Date Received: 05/17/24 10:33	Work Order ID: E405236
Phone: (575) 631-6977	Date Logged In: 05/16/24 17:11	Logged In By: Alexa Michaels
Email: gio@pimaoil.com	Due Date: 05/23/24 17:00 (4 day TAT)	

Chain of Custody (COC)

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

Carrier: Courier

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

Comments/Resolution

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

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

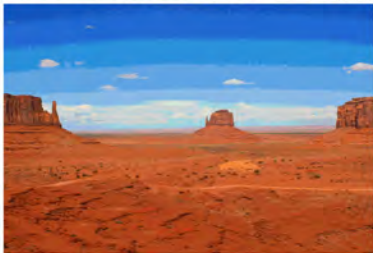
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Gio Gomez



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Blue Krait 23-14 Federal 2H

Work Order: E405237

Job Number: 01058-0007

Received: 5/17/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/28/24

5796 U.S. Hwy 64
Farmington, NM 87401

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



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



Date Reported: 5/28/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247

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

Gio Gomez,

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

The analytical test results summarized in this report with the Project Name: Blue Krait 23-14 Federal 2H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area

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

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

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
S9-1'	6
S9-2'	7
S9-3'	8
S9-4'	9
S10-1'	10
S10-2'	11
S10-3'	12
S10-4'	13
SW9	14
SW10	15
SW11	16
SW12	17
S11-1'	18
S11-2'	19
S11-3'	20
S11-4'	21
S12-1'	22
S12-2'	23
S12-3'	24
S12-4'	25

Table of Contents (continued)

QC Summary Data	26
QC - Volatile Organic Compounds by EPA 8260B	26
QC - Nonhalogenated Organics by EPA 8015D - GRO	27
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	28
QC - Anions by EPA 300.0/9056A	29
Definitions and Notes	30
Chain of Custody etc.	31

Sample Summary

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

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

Sample Data

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

S9-1'

E405237-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	05/21/24	05/23/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		100 %	70-130	05/21/24	05/23/24	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	05/21/24	05/23/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		100 %	70-130	05/21/24	05/23/24	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: n-Nonane</i>		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	



Sample Data

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

S9-2'

E405237-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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	
<i>Surrogate: Bromofluorobenzene</i>		99.1 %	70-130	05/21/24	05/23/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	05/21/24	05/23/24	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		99.1 %	70-130	05/21/24	05/23/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	05/21/24	05/23/24	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: n-Nonane</i>		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	05/22/24	05/22/24	



Sample Data

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

S9-3'

E405237-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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	
<i>Surrogate: Bromofluorobenzene</i>		99.1 %	70-130	05/21/24	05/23/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	05/21/24	05/23/24	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		99.1 %	70-130	05/21/24	05/23/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	05/21/24	05/23/24	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: n-Nonane</i>		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	



Sample Data

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

S9-4'

E405237-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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	
<i>Surrogate: Bromofluorobenzene</i>		98.1 %	70-130	05/21/24	05/23/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	05/21/24	05/23/24	
<i>Surrogate: Toluene-d8</i>		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	05/21/24	05/23/24	
<i>Surrogate: Bromofluorobenzene</i>		98.1 %	70-130	05/21/24	05/23/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	05/21/24	05/23/24	
<i>Surrogate: Toluene-d8</i>		92.6 %	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	
<i>Surrogate: n-Nonane</i>		116 %	50-200	05/22/24	05/25/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2421084
Chloride	31.9	20.0	1	05/22/24	05/22/24	



Sample Data

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

S10-1'

E405237-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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	
<i>Surrogate: Bromofluorobenzene</i>		99.3 %	70-130	05/21/24	05/23/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	05/21/24	05/23/24	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		99.3 %	70-130	05/21/24	05/23/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	05/21/24	05/23/24	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: n-Nonane</i>		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	



Sample Data

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

S10-2'

E405237-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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	
<i>Surrogate: Bromofluorobenzene</i>		98.5 %	70-130	05/21/24	05/23/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		100 %	70-130	05/21/24	05/23/24	
<i>Surrogate: Toluene-d8</i>		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	05/21/24	05/23/24	
<i>Surrogate: Bromofluorobenzene</i>		98.5 %	70-130	05/21/24	05/23/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		100 %	70-130	05/21/24	05/23/24	
<i>Surrogate: Toluene-d8</i>		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	05/22/24	05/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/25/24	
<i>Surrogate: n-Nonane</i>		116 %	50-200	05/22/24	05/25/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421084
Chloride	41.7	20.0	1	05/22/24	05/22/24	



Sample Data

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

S10-3'

E405237-07

Analyte	Result	Reporting Limit	Dilution	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	
<i>Surrogate: Bromofluorobenzene</i>		99.0 %	70-130	05/21/24	05/23/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		105 %	70-130	05/21/24	05/23/24	
<i>Surrogate: Toluene-d8</i>		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	05/21/24	05/23/24	
<i>Surrogate: Bromofluorobenzene</i>		99.0 %	70-130	05/21/24	05/23/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		105 %	70-130	05/21/24	05/23/24	
<i>Surrogate: Toluene-d8</i>		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	05/22/24	05/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/25/24	
<i>Surrogate: n-Nonane</i>		111 %	50-200	05/22/24	05/25/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421084
Chloride	25.9	20.0	1	05/22/24	05/22/24	



Sample Data

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

S10-4'
E405237-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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	
<i>Surrogate: Bromofluorobenzene</i>		100 %	70-130	05/21/24	05/23/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	05/21/24	05/23/24	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		100 %	70-130	05/21/24	05/23/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	05/21/24	05/23/24	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: n-Nonane</i>		116 %	50-200	05/22/24	05/25/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421084
Chloride	28.5	20.0	1	05/22/24	05/22/24	



Sample Data

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

SW9

E405237-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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	
<i>Surrogate: Bromofluorobenzene</i>		98.4 %	70-130	05/21/24	05/23/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	05/21/24	05/23/24	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		98.4 %	70-130	05/21/24	05/23/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	05/21/24	05/23/24	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: n-Nonane</i>		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	



Sample Data

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

SW10
E405237-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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	
<i>Surrogate: Bromofluorobenzene</i>		99.6 %	70-130	05/21/24	05/23/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	05/21/24	05/23/24	
<i>Surrogate: Toluene-d8</i>		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	05/21/24	05/23/24	
<i>Surrogate: Bromofluorobenzene</i>		99.6 %	70-130	05/21/24	05/23/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	05/21/24	05/23/24	
<i>Surrogate: Toluene-d8</i>		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	05/22/24	05/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/25/24	
<i>Surrogate: n-Nonane</i>		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	



Sample Data

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

SW11
E405237-11

Analyte	Result	Reporting Limit	Dilution	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	
<i>Surrogate: Bromofluorobenzene</i>		98.8 %	70-130	05/21/24	05/23/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	05/21/24	05/23/24	
<i>Surrogate: Toluene-d8</i>		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	05/21/24	05/23/24	
<i>Surrogate: Bromofluorobenzene</i>		98.8 %	70-130	05/21/24	05/23/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	05/21/24	05/23/24	
<i>Surrogate: Toluene-d8</i>		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	05/22/24	05/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/25/24	
<i>Surrogate: n-Nonane</i>		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	

Sample Data

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

SW12
E405237-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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	
<i>Surrogate: Bromofluorobenzene</i>		99.2 %	70-130	05/21/24	05/23/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		100 %	70-130	05/21/24	05/23/24	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		99.2 %	70-130	05/21/24	05/23/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		100 %	70-130	05/21/24	05/23/24	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: n-Nonane</i>		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	



Sample Data

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

S11-1'
E405237-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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	
<i>Surrogate: Bromofluorobenzene</i>		99.5 %	70-130	05/21/24	05/24/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		107 %	70-130	05/21/24	05/24/24	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		99.5 %	70-130	05/21/24	05/24/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		107 %	70-130	05/21/24	05/24/24	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: n-Nonane</i>		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	



Sample Data

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

S11-2'

E405237-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	05/21/24	05/24/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		106 %	70-130	05/21/24	05/24/24	
<i>Surrogate: Toluene-d8</i>		93.4 %	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	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	05/21/24	05/24/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		106 %	70-130	05/21/24	05/24/24	
<i>Surrogate: Toluene-d8</i>		93.4 %	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	
<i>Surrogate: n-Nonane</i>		112 %	50-200	05/22/24	05/25/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421084
Chloride	38.9	20.0	1	05/22/24	05/22/24	



Sample Data

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

S11-3'

E405237-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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	
<i>Surrogate: Bromofluorobenzene</i>		98.8 %	70-130	05/21/24	05/24/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		107 %	70-130	05/21/24	05/24/24	
<i>Surrogate: Toluene-d8</i>		93.2 %	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	
<i>Surrogate: Bromofluorobenzene</i>		98.8 %	70-130	05/21/24	05/24/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		107 %	70-130	05/21/24	05/24/24	
<i>Surrogate: Toluene-d8</i>		93.2 %	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	
<i>Surrogate: n-Nonane</i>		114 %	50-200	05/22/24	05/25/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2421084
Chloride	36.8	20.0	1	05/22/24	05/22/24	



Sample Data

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

S11-4'
E405237-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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	
<i>Surrogate: Bromofluorobenzene</i>		98.6 %	70-130	05/21/24	05/24/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	05/21/24	05/24/24	
<i>Surrogate: Toluene-d8</i>		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	05/21/24	05/24/24	
<i>Surrogate: Bromofluorobenzene</i>		98.6 %	70-130	05/21/24	05/24/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	05/21/24	05/24/24	
<i>Surrogate: Toluene-d8</i>		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	05/22/24	05/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/24	05/25/24	
<i>Surrogate: n-Nonane</i>		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	05/22/24	05/22/24	



Sample Data

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

S12-1'
E405237-17

Analyte	Result	Reporting Limit	Dilution	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	05/24/24	
Ethylbenzene	ND	0.0250	1	05/21/24	05/24/24	
Toluene	ND	0.0250	1	05/21/24	05/24/24	
o-Xylene	ND	0.0250	1	05/21/24	05/24/24	
p,m-Xylene	ND	0.0500	1	05/21/24	05/24/24	
Total Xylenes	ND	0.0250	1	05/21/24	05/24/24	
<i>Surrogate: Bromofluorobenzene</i>		97.6 %	70-130	05/21/24	05/24/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		108 %	70-130	05/21/24	05/24/24	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		97.6 %	70-130	05/21/24	05/24/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		108 %	70-130	05/21/24	05/24/24	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: n-Nonane</i>		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	



Sample Data

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

S12-2'
E405237-18

Analyte	Result	Reporting Limit	Dilution	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	05/24/24	
Ethylbenzene	ND	0.0250	1	05/21/24	05/24/24	
Toluene	ND	0.0250	1	05/21/24	05/24/24	
o-Xylene	ND	0.0250	1	05/21/24	05/24/24	
p,m-Xylene	ND	0.0500	1	05/21/24	05/24/24	
Total Xylenes	ND	0.0250	1	05/21/24	05/24/24	
<i>Surrogate: Bromofluorobenzene</i>		98.2 %	70-130	05/21/24	05/24/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	05/21/24	05/24/24	
<i>Surrogate: Toluene-d8</i>		93.2 %	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	
<i>Surrogate: Bromofluorobenzene</i>		98.2 %	70-130	05/21/24	05/24/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	05/21/24	05/24/24	
<i>Surrogate: Toluene-d8</i>		93.2 %	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	
<i>Surrogate: n-Nonane</i>		114 %	50-200	05/22/24	05/25/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2421084
Chloride	39.4	20.0	1	05/22/24	05/22/24	



Sample Data

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

S12-3'

E405237-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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	
<i>Surrogate: Bromofluorobenzene</i>		98.1 %	70-130	05/21/24	05/24/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		107 %	70-130	05/21/24	05/24/24	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		98.1 %	70-130	05/21/24	05/24/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		107 %	70-130	05/21/24	05/24/24	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: n-Nonane</i>		115 %	50-200	05/22/24	05/25/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2421084
Chloride	41.9	20.0	1	05/22/24	05/22/24	



Sample Data

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

S12-4'

E405237-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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	
<i>Surrogate: Bromofluorobenzene</i>		98.0 %	70-130	05/21/24	05/24/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		107 %	70-130	05/21/24	05/24/24	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		98.0 %	70-130	05/21/24	05/24/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		107 %	70-130	05/21/24	05/24/24	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: n-Nonane</i>		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	



QC Summary Data

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

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

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

Blank (2421062-BLK1)

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

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.495		0.500		98.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.515		0.500		103	70-130			
Surrogate: Toluene-d8	0.466		0.500		93.1	70-130			

LCS (2421062-BS1)

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

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

LCS Dup (2421062-BSD1)

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

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



QC Summary Data

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

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

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

Blank (2421062-BLK1)

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

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

LCS (2421062-BS2)

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

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

LCS Dup (2421062-BSD2)

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

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



QC Summary Data

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

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 (2421072-BLK1)

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

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	58.7		50.0		117	50-200			

LCS (2421072-BS1)

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

Diesel Range Organics (C10-C28)	253	25.0	250		101	38-132			
Surrogate: n-Nonane	58.1		50.0		116	50-200			

LCS Dup (2421072-BSD1)

Prepared: 05/22/24 Analyzed: 05/25/24

Diesel Range Organics (C10-C28)	251	25.0	250		100	38-132	0.877	20	
Surrogate: n-Nonane	56.5		50.0		113	50-200			



QC Summary Data

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

Anions by EPA 300.0/9056A

Analyst: IY

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

Blank (2421084-BLK1)

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

Chloride	ND	20.0							
----------	----	------	--	--	--	--	--	--	--

LCS (2421084-BS1)

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

Chloride	251	20.0	250		100	90-110			
----------	-----	------	-----	--	-----	--------	--	--	--

LCS Dup (2421084-BSD1)

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

Chloride	251	20.0	250		101	90-110	0.0852	20	
----------	-----	------	-----	--	-----	--------	--------	----	--

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

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

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Project Information

Chain of Custody

E405237 61058-0007

Client: Pima Environmental Services Project: Blue Krait 23-24 Federal 2H Project Manager: Glo Gomez Address: 5614 N. Lovington Hwy. City, State, Zip: Hobbs, NM, 88240 Phone: 806-782-1151 Email: glo@holmsoli.com Report due by:		Attention: Devon Address: City, State, Zip: Phone: Email: Pima Project # 309-1		TAT 1D 2D 3D Standard X			EPA Program CWA SDWA	
				Analysis and Method			RCRA	
				DBOC by 8015 GBOC by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BDOC NM BDOC TX			State NM CO UT AZ TX X	

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	DBOC by 8015	GBOC by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BDOC NM	BDOC TX	Remarks
1:28	5/15	S		S9-1'	01						X		
1:30				S9-2'	02								
1:46				S9-3'	03								
1:51				S9-4'	04								
2:00				S10-1'	05								
2:11				S10-2'	06								
2:17				S10-3'	07								
2:21				S10-4'	08								
2:30				SW9	09								
2:39				SW10	10								

Additional Instructions: BH# 21198860

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

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

Relinquished by: (Signature) <i>Karine Adams</i>	Date 5-14-24	Time 1315	Received by: (Signature) <i>CP</i>	Date 5-14-24	Time 1315	Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
Relinquished by: (Signature) <i>[Signature]</i>	Date 5-14-24	Time 1600	Received by: (Signature) <i>[Signature]</i>	Date 5-16-24	Time 1830	
Relinquished by: (Signature) <i>[Signature]</i>	Date 5-16-24	Time 2400	Received by: (Signature) <i>[Signature]</i>	Date 6-5-24	Time 10:33	

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



Project Information

Chain of Custody

E405237 01058-0007

Client: Pima Environmental Services
 Project: Blue Kmit 23-24 Federal 2H
 Project Manager: Glo Gomez
 Address: 5614 N. Lovington Hwy.
 City, State, Zip: Hobbs, NM, 88240
 Phone: 800-782-1151
 Email: glo@pimaenv.com
 Report due by:

Bill To
 Attention: DEVON
 Address:
 City, State, Zip
 Phone:
 Email:
 Pima Project # 309-1

TAT				EPA Program	
1D	2D	3D	Standard	CWA	SDWA
			X		
Analysis and Method					
					RCRA
					State
				NM	CO UT AZ TX
				X	

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	DRD/ORO by 8015	GRD/DRD by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
2:46	5/15	S		SW11							X		
2:49				SW12									
2:53				S11-1'									
3:00				S11-2'									
3:06				S11-3'									
3:10				S11-4'									
3:13				S12-1'									
3:14				S12-2'									
3:17				S12-3'									
3:21				S12-4'									

Additional Instructions: B# 21198860

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Received on ice: Y/N
<u>Karime Azame</u>	5-14-24	1315	<u>[Signature]</u>	5-16-24	1315	Y/N
<u>[Signature]</u>	5-16-24	1600	<u>[Signature]</u>	5-16-24	1830	
<u>[Signature]</u>	5-16-24	2400	<u>[Signature]</u>	05/17/24	10:33	

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



Envirotech Analytical Laboratory

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

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client: Pima Environmental Services-Carlsbad	Date Received: 05/17/24 10:33	Work Order ID: E405237
Phone: (575) 631-6977	Date Logged In: 05/16/24 17:19	Logged In By: Alexa Michaels
Email: gio@pimaoil.com	Due Date: 05/23/24 17:00 (4 day TAT)	

Chain of Custody (COC)

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

Carrier: Courier

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

Comments/Resolution

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

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Gio Gomez



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Blue Krait 23-14 Federal 2H

Work Order: E405238

Job Number: 01058-0007

Received: 5/17/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/29/24

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 5/29/24



Gio Gomez
PO Box 247
Plains, TX 79355-0247

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

Gio Gomez,

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

The analytical test results summarized in this report with the Project Name: Blue Krait 23-14 Federal 2H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area

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

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

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
S13-1'	6
S13-2'	7
S13-3'	8
S13-4'	9
SW13	10
SW14	11
SW15	12
SW16	13
S14-1'	14
S14-2'	15
S14-3'	16
S14-4'	17
S15-1'	18
S15-2'	19
S15-3'	20
S15-4'	21
S16-1'	22
S16-2'	23
S16-3'	24
S16-4'	25

Table of Contents (continued)

SW17	26
SW18	27
SW19	28
SW20	29
QC Summary Data	30
QC - Volatile Organics by EPA 8021B	30
QC - Nonhalogenated Organics by EPA 8015D - GRO	32
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	34
QC - Anions by EPA 300.0/9056A	36
Definitions and Notes	38
Chain of Custody etc.	39

Sample Summary

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

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

Sample Data

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

S13-1'

E405238-01

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



Sample Data

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

S13-2'

E405238-02

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



Sample Data

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

S13-3'

E405238-03

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



Sample Data

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

S13-4'

E405238-04

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



Sample Data

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

SW13
E405238-05

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



Sample Data

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

SW14
E405238-06

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



Sample Data

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

SW15
E405238-07

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



Sample Data

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

**SW16
E405238-08**

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



Sample Data

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

S14-1'

E405238-09

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



Sample Data

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

S14-2'

E405238-10

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



Sample Data

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

S14-3'

E405238-11

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



Sample Data

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

S14-4'

E405238-12

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



Sample Data

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

S15-1'

E405238-13

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



Sample Data

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

S15-2'

E405238-14

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



Sample Data

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

S15-3'

E405238-15

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



Sample Data

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

S15-4'

E405238-16

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



Sample Data

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

S16-1'

E405238-17

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



Sample Data

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

S16-2'

E405238-18

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



Sample Data

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

S16-3'

E405238-19

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



Sample Data

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

S16-4'

E405238-20

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



Sample Data

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

SW17

E405238-21

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



Sample Data

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

SW18
E405238-22

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



Sample Data

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

SW19
E405238-23

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



Sample Data

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

**SW20
E405238-24**

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

QC Summary Data

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

Volatile Organics by EPA 8021B

Analyst: RKS

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

Blank (2421088-BLK1)

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

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

LCS (2421088-BS1)

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

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

LCS Dup (2421088-BSD1)

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

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



QC Summary Data

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

Volatile Organics by EPA 8021B

Analyst: RKS

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

Blank (2421092-BLK1)

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

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

LCS (2421092-BS1)

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

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

LCS Dup (2421092-BSD1)

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

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



QC Summary Data

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

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

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

Blank (2421088-BLK1)

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

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.63		8.00		108	70-130			

LCS (2421088-BS2)

Prepared: 05/22/24 Analyzed: 05/28/24

Gasoline Range Organics (C6-C10)	54.2	20.0	50.0		108	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.78		8.00		110	70-130			

LCS Dup (2421088-BSD2)

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

Gasoline Range Organics (C6-C10)	54.7	20.0	50.0		109	70-130	0.956	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.55		8.00		107	70-130			



QC Summary Data

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

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

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

Blank (2421092-BLK1)

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

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

LCS (2421092-BS2)

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

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

LCS Dup (2421092-BSD2)

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

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



QC Summary Data

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

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

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

Blank (2421073-BLK1)

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

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	55.9		50.0		112	50-200			

LCS (2421073-BS1)

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

Diesel Range Organics (C10-C28)	239	25.0	250		95.8	38-132			
Surrogate: <i>n</i> -Nonane	55.1		50.0		110	50-200			

LCS Dup (2421073-BSD1)

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

Diesel Range Organics (C10-C28)	239	25.0	250		95.6	38-132	0.197	20	
Surrogate: <i>n</i> -Nonane	55.9		50.0		112	50-200			



QC Summary Data

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

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

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

Blank (2421074-BLK1)

Prepared: 05/22/24 Analyzed: 05/25/24

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

LCS (2421074-BS1)

Prepared: 05/22/24 Analyzed: 05/25/24

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

LCS Dup (2421074-BSD1)

Prepared: 05/22/24 Analyzed: 05/25/24

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



QC Summary Data

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

Anions by EPA 300.0/9056A

Analyst: IY

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

Blank (2421090-BLK1)

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

Chloride ND 20.0

LCS (2421090-BS1)

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

Chloride 255 20.0 250 102 90-110

LCS Dup (2421090-BSD1)

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

Chloride 256 20.0 250 103 90-110 0.387 20



QC Summary Data

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

Anions by EPA 300.0/9056A

Analyst: IY

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

Blank (2421091-BLK1)

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

Chloride ND 20.0

LCS (2421091-BS1)

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

Chloride 254 20.0 250 101 90-110

LCS Dup (2421091-BSD1)

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

Chloride 255 20.0 250 102 90-110 0.570 20

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

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

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Project Information

Chain of Custody

E405238 01088-007

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

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

TAT		EPA Program			
1D	2D	3D	Standard	CWA	SDWA
Analysis and Method					
DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8050	Metals 6010	Chloride 300.0
BEDOC NM	BEDOC TX	State			
		NM	CO	UT	AZ
Remarks					

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID
3:30	5/15	S		S13-1'
3:36				S13-2'
3:42				S13-3'
3:50				S13-4'
3:56				SW13
4:00				SW14
4:11				SW15
4:18				SW16
4:25				S14-1'
4:30				S14-2'

Additional Instructions: B# 21198860

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

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

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

Received on ice: Y / N
 Lab Use Only
 T1 _____ T2 _____ T3 _____
 AVG Temp °C 4

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



Project Information

Chain of Custody

EY05238 01658-007

Client: Pima Environmental Services Project: Blue Krait 2324 Federal 12H Project Manager: Glo Gomez Address: 5614 N. Lovington Hwy. City, State, Zip: Hobbs, NM, 88240 Phone: 806-782-1151 Email: glo@holmsoll.com Report due by:		Bill To: Devon Attention: Devon Address: City, State, Zip: Phone: Email: Pima Project # 309-1		TAT 1D 2D 3D Standard X EPA Program CWA SDWA RCRA State NM CO UT AZ TX		
--	--	--	--	---	--	--

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	DO/DOC by 8015	GR/GR by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGOC NM	BGOC TX	Remarks
4:36	5/15	S		S14-3'							X		
4:41				S14-4'									
4:49				S15-1'									
4:56				S15-2'									
5:06				S15-3'									
5:11				S15-4'									
5:20				S16-1'									
5:23				S16-2'									
5:30				S16-3'									
5:31				S16-4'									

Additional Instructions: B# 21198860

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

Relinquished by: (Signature) Kerine Adams	Date 5-16-24	Time 1315	Received by: (Signature) [Signature]	Date 5-14-24	Time 1315	Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
Relinquished by: (Signature) [Signature]	Date 5-16-24	Time 1600	Received by: (Signature) [Signature]	Date 5-16-24	Time 1830	
Relinquished by: (Signature) [Signature]	Date 5-16-24	Time 2400	Received by: (Signature) [Signature]	Date 05/17/24	Time 10:33	

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



Project Information

Chain of Custody

E405236 0158-007

Client: Pima Environmental Services
 Project: Blue Krait 23-24 Federal ZH
 Project Manager: Glo Gomez
 Address: 5814 N. Lovington Hwy.
 City, State, Zip: Hobbs, NM, 88240
 Phone: 806-782-1151
 Email: glo@olmaoil.com
 Report due by:

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

										TAT			EPA Program		
										1D	2D	3D	Standard	CWA	SDWA
Analysis and Method										RCRA					
										State					
										NM	CO	UT	AZ	TX	
										Remarks					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		DROG Ag ORO/ORO	STOR Ag ORO/ORO	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX		
5:40	5/15	S		SW17	21							X			
5:43				SW18	20										
5:50				SW19	23										
5:56				SW20	24										

Additional Instructions: B# 21198860

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

Sampled by: _____

Relinquished by: (Signature) <u>Devon</u>	Date <u>5-16-24</u>	Time <u>1315</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>5-16-24</u>	Time <u>1315</u>
Relinquished by: (Signature) <u>[Signature]</u>	Date <u>5-16-24</u>	Time <u>1600</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>5-16-24</u>	Time <u>1630</u>
Relinquished by: (Signature) <u>[Signature]</u>	Date <u>5-16-24</u>	Time <u>2400</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>5-17-24</u>	Time <u>10:33</u>

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

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

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

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

Received on ice: Y/N

Lab Use Only

AVG Temp °C 4



Envirotech Analytical Laboratory

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

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client: Pima Environmental Services-Carlsbad	Date Received: 05/17/24 10:33	Work Order ID: E405238
Phone: (575) 631-6977	Date Logged In: 05/16/24 17:21	Logged In By: Alexa Michaels
Email: gio@pimaoil.com	Due Date: 05/23/24 17:00 (4 day TAT)	

Chain of Custody (COC)

- 1. Does the sample ID match the COC? Yes
 - 2. Does the number of samples per sampling site location match the COC? Yes
 - 3. Were samples dropped off by client or carrier? Yes
 - 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
 - 5. Were all samples received within holding time? Yes
- Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this discussion.

Carrier: Courier

Comments/Resolution

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

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Gio Gomez



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Blue Krait 23-14 Federal 2H

Work Order: E411106

Job Number: 01058-0007

Received: 11/12/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/12/24

5796 U.S. Hwy 64
Farmington, NM 87401

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



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



Date Reported: 11/12/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247

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

Gio Gomez,

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

The analytical test results summarized in this report with the Project Name: Blue Krait 23-14 Federal 2H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area

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

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

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
CS1- Bottom	6
CSW1	7
CSW2	8
CSW3	9
CSW4	10
CS2-Bottom	11
CSW5	12
CSW6	13
CSW7	14
CSW8	15
CS3-Bottom	16
CSW9	17
CSW10	18
CSW11	19
CSW12	20
CS4-Bottom	21
CSW13	22
CSW14	23
CSW15	24
CSW16	25

Table of Contents (continued)

CS5-Bottom	26
CSW17	27
CSW18	28
CSW19	29
CSW20	30
QC Summary Data	31
QC - Volatile Organic Compounds by EPA8260B	31
QC - Volatile Organics by EPA 8021B	32
QC - Nonhalogenated Organics by EPA 8015D - GRO	33
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	35
QC - Anions by EPA 300.0/9056A	37
Definitions and Notes	39
Chain of Custody etc.	40

Sample Summary

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

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

Sample Data

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

CS1- Bottom
E411106-01

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



Sample Data

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

CSW1

E411106-02

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



Sample Data

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

CSW2

E411106-03

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



Sample Data

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

CSW3

E411106-04

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



Sample Data

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

CSW4

E411106-05

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



Sample Data

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

CS2-Bottom

E411106-06

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



Sample Data

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

CSW5

E411106-07

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



Sample Data

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

CSW6

E411106-08

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



Sample Data

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

CSW7

E411106-09

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



Sample Data

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

CSW8

E411106-10

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



Sample Data

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

CS3-Bottom
E411106-11

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

Sample Data

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

CSW9

E411106-12

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



Sample Data

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

CSW10

E411106-13

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



Sample Data

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

CSW11

E411106-14

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



Sample Data

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

CSW12

E411106-15

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



Sample Data

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

CS4-Bottom

E411106-16

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



Sample Data

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

CSW13

E411106-17

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



Sample Data

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

CSW14

E411106-18

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



Sample Data

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

CSW15

E411106-19

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



Sample Data

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

CSW16

E411106-20

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



Sample Data

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

CS5-Bottom

E411106-21

Analyte	Result	Reporting Limit	Dilution	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	
<i>Surrogate: Bromofluorobenzene</i>		97.1 %	70-130	11/12/24	11/12/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		87.1 %	70-130	11/12/24	11/12/24	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		97.1 %	70-130	11/12/24	11/12/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		87.1 %	70-130	11/12/24	11/12/24	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: n-Nonane</i>		99.9 %	50-200	11/12/24	11/12/24	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: DT		Batch: 2446034
Chloride	42	20.0	1	11/12/24	11/12/24	



Sample Data

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

CSW17

E411106-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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	
<i>Surrogate: Bromofluorobenzene</i>		97.3 %	70-130	11/12/24	11/12/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		94.6 %	70-130	11/12/24	11/12/24	
<i>Surrogate: Toluene-d8</i>		107 %	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	
<i>Surrogate: Bromofluorobenzene</i>		97.3 %	70-130	11/12/24	11/12/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		94.6 %	70-130	11/12/24	11/12/24	
<i>Surrogate: Toluene-d8</i>		107 %	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	
<i>Surrogate: n-Nonane</i>		101 %	50-200	11/12/24	11/12/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2446034
Chloride	36	20.0	1	11/12/24	11/12/24	



Sample Data

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

CSW18

E411106-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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	
<i>Surrogate: Bromofluorobenzene</i>		97.1 %	70-130	11/12/24	11/12/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		91.6 %	70-130	11/12/24	11/12/24	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		97.1 %	70-130	11/12/24	11/12/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		91.6 %	70-130	11/12/24	11/12/24	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: n-Nonane</i>		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	



Sample Data

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

CSW19

E411106-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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	
<i>Surrogate: Bromofluorobenzene</i>		98.7 %	70-130	11/12/24	11/12/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.6 %	70-130	11/12/24	11/12/24	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: Bromofluorobenzene</i>		98.7 %	70-130	11/12/24	11/12/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.6 %	70-130	11/12/24	11/12/24	
<i>Surrogate: Toluene-d8</i>		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	
<i>Surrogate: n-Nonane</i>		101 %	50-200	11/12/24	11/12/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2446034
Chloride	47	20.0	1	11/12/24	11/12/24	



Sample Data

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

CSW20

E411106-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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	
<i>Surrogate: Bromofluorobenzene</i>		96.6 %	70-130	11/12/24	11/12/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.6 %	70-130	11/12/24	11/12/24	
<i>Surrogate: Toluene-d8</i>		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	11/12/24	11/12/24	
<i>Surrogate: Bromofluorobenzene</i>		96.6 %	70-130	11/12/24	11/12/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.6 %	70-130	11/12/24	11/12/24	
<i>Surrogate: Toluene-d8</i>		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	11/12/24	11/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/12/24	11/12/24	
<i>Surrogate: n-Nonane</i>		103 %	50-200	11/12/24	11/12/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2446034
Chloride	43	20.0	1	11/12/24	11/12/24	



QC Summary Data

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

Volatile Organic Compounds by EPA 8260B

Analyst: IY

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

Blank (2446031-BLK1)

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

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

LCS (2446031-BS1)

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

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

LCS Dup (2446031-BSD1)

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

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



QC Summary Data

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

Volatile Organics by EPA 8021B

Analyst: SL

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

Blank (2446030-BLK1)

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

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

LCS (2446030-BS1)

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

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

LCS Dup (2446030-BSD1)

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

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



QC Summary Data

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

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

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

Blank (2446030-BLK1)

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

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

LCS (2446030-BS2)

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

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

LCS Dup (2446030-BSD2)

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

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



QC Summary Data

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

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

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

Blank (2446031-BLK1)

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

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

LCS (2446031-BS2)

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

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

LCS Dup (2446031-BSD2)

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

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



QC Summary Data

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

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 (2446032-BLK1)

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

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.2		50.0		98.5	50-200			

LCS (2446032-BS1)

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

Diesel Range Organics (C10-C28)	247	25.0	250		98.9	38-132			
Surrogate: n-Nonane	51.0		50.0		102	50-200			

LCS Dup (2446032-BSD1)

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

Diesel Range Organics (C10-C28)	249	25.0	250		99.5	38-132	0.571	20	
Surrogate: n-Nonane	51.5		50.0		103	50-200			



QC Summary Data

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

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

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

LCS (2446033-BS1)

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

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

LCS Dup (2446033-BSD1)

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

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



QC Summary Data

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

Anions by EPA 300.0/9056A

Analyst: DT

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

Blank (2446034-BLK1)

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

Chloride ND 20.0

LCS (2446034-BS1)

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

Chloride 260 20.0 250 104 90-110

LCS Dup (2446034-BSD1)

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

Chloride 260 20.0 250 104 90-110 0.0365 20



QC Summary Data

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

Anions by EPA 300.0/9056A

Analyst: DT

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

Blank (2446035-BLK1)

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

Chloride	ND	20.0							
----------	----	------	--	--	--	--	--	--	--

LCS (2446035-BS1)

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

Chloride	255	20.0	250		102	90-110			
----------	-----	------	-----	--	-----	--------	--	--	--

LCS Dup (2446035-BSD1)

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

Chloride	256	20.0	250		102	90-110	0.210	20	
----------	-----	------	-----	--	-----	--------	-------	----	--

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

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

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Project Information

Chain of Custody

Client: Pima Environmental Services		Bill To: Devon		Lab Use Only		TAT		EPA Program					
Project: Blue Krait 2314 Federal 2H		Attention: Devon		Lab WO#: F411106		Job Number: 01059-0007		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Gio Gomez		Address:		Analysis and Method								RCRA	
Address: 5614 N. Lovington Hwy.		City, State, Zip		DRO/ORO by 8015		GRO/DRO by 8015		BTEX by 8021		VOC by 8260		Metals 6010	
City, State, Zip: Hobbs, NM, 88240		Phone:		Chloride 300.0									
Phone: 806-782-1151		Email:										State	
Email: gio@pimaoil.com		Pima Project # 390-1										NM	
Report due by:												CO	
												UT	
												AZ	
												TX	

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NIM	BGDOC TX	Remarks
8:02	11/11	S		CS1-Bottom	1							X		
8:17				CSW1	2									
8:23				CSW2	3									
8:28				CSW3	4									
8:36				CSW4	5									
8:41				CS2-Bottom	6									
8:59				CSW5	7									
9:11				CSW6	8									
9:26				CSW7	9									
9:32				CSW8	10									

Additional Instructions: Billing # 21198860

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

Sampled by:				Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 5°C on subsequent days.			
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only	
Karime Adame	11/11/24	1:45	Michelle Gonzales	11-11-24	1345	Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
Michelle Gonzales	11-11-24	1545	Alan Hino	11-11-24	1700	T1: _____ T2: _____ T3: _____	
Alan Hino	11-11-24	2400	Noe Soto	11-12-24	0815	AVG Temp °C _____	
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other				Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA			

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



Project Information

Chain of Custody

Client: Pima Environmental Services Project: <u>Blue Craft 2314 Federal 2H</u> Project Manager: <u>Gio Gomez</u> Address: <u>5614 N. Lovington Hwy.</u> City, State, Zip: <u>Hobbs, NM, 88240</u> Phone: <u>806-782-1151</u> Email: <u>gio@pimaoil.com</u> Report due by: _____		Attention: <u>Devon</u> Address: _____ City, State, Zip: _____ Phone: _____ Email: _____ Pima Project # <u>390-1</u>		Lab Use Only Lab WO# <u>F411106</u> Job Number <u>01058-007</u> Analysis and Method		TAT 1D <input checked="" type="checkbox"/> 2D <input type="checkbox"/> 3D <input type="checkbox"/> Standard <input type="checkbox"/>		EPA Program CWA <input type="checkbox"/> SDWA <input type="checkbox"/> RCRA <input type="checkbox"/>	
--	--	---	--	---	--	---	--	--	--

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
9:46	11/11	S		CS3 - Bottom	11							<input checked="" type="checkbox"/>		
9:51				CSW9	12									
9:58				CSW10	13									
10:17				CSW11	14									
10:21				CSW12	15									
10:36				CS4 - Bottom	16									
10:42				CSW13	17									
10:56				CSW14	18									
10:59				CSW15	19									
11:00				CSW16	20									

Additional Instructions: Billing# 21198860

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

Relinquished by: (Signature) <u>Karime Adame</u> Date <u>11/11/24</u> Time <u>1:45</u>				Received by: (Signature) <u>Michelle Gonzales</u> Date <u>11-11-24</u> Time <u>1345</u>		Lab Use Only Received on ice: <input checked="" type="checkbox"/> N	
Relinquished by: (Signature) <u>Michelle Gonzales</u> Date <u>11-11-24</u> Time <u>1545</u>				Received by: (Signature) <u>Adame</u> Date <u>11-11-24</u> Time <u>1700</u>		T1 _____ T2 _____ T3 _____	
Relinquished by: (Signature) <u>Adame</u> Date <u>11-11-24</u> Time <u>2400</u>				Received by: (Signature) <u>See Note</u> Date <u>11-11-24</u> Time <u>0815</u>		AVG Temp °C <u>4</u>	

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



Project Information

Chain of Custody

Client: Pima Environmental Services Project: <u>BUC KRAH 23 M Febra TCH</u> Project Manager: <u>Gio Gomez</u> Address: <u>5614 N. Lovington Hwy.</u> City, State, Zip: <u>Hobbs, NM, 88240</u> Phone: <u>806-782-1151</u> Email: <u>gio@pimaoil.com</u> Report due by:		Bill To Attention: <u>Devon</u> Address: City, State, Zip: Phone: Email: Pima Project # <u>390-1</u>		Lab Use Only Lab WO# <u>E 411 106</u> Job Number <u>02058-007</u>		TAT 1D <input checked="" type="checkbox"/> 2D <input type="checkbox"/> 3D <input type="checkbox"/> Standard <input type="checkbox"/>			EPA Program CWA <input type="checkbox"/> SDWA <input type="checkbox"/> RCRA <input type="checkbox"/>		
				Analysis and Method DRO/ORO by 8015 <input type="checkbox"/> GRO/DRO by 8015 <input type="checkbox"/> BTEX by 8021 <input type="checkbox"/> VOC by 8260 <input type="checkbox"/> Metals 6010 <input type="checkbox"/> Chloride 300.0 <input type="checkbox"/> BGDOC NM <input checked="" type="checkbox"/> BGDOC TX <input type="checkbox"/>				State NM <input checked="" type="checkbox"/> CO <input type="checkbox"/> UT <input type="checkbox"/> AZ <input type="checkbox"/> TX <input type="checkbox"/>			

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
11:16	11/11	S		CS5-Bottom	21							<input checked="" type="checkbox"/>		
11:21				CSW17	22									
11:29				CSW18	23									
11:36				CSW19	24									
11:42				CSW20	25									

Additional Instructions: Billing # 211 98 860

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

Relinquished by: (Signature) <u>Karime Adame</u> Date <u>11-11-24</u> Time <u>1:45</u>		Received by: (Signature) <u>Michelle Gonzales</u> Date <u>11-11-24</u> Time <u>1345</u>		Lab Use Only Received on ice: <input checked="" type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C _____ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA
Relinquished by: (Signature) <u>Michelle Gonzales</u> Date <u>11-11-24</u> Time <u>1545</u>		Received by: (Signature) <u>John Hobb</u> Date <u>11-11-24</u> Time <u>1700</u>		
Relinquished by: (Signature) <u>John Hobb</u> Date <u>11-11-24</u> Time <u>2400</u>		Received by: (Signature) <u>Noe Sante</u> Date <u>11-11-24</u> Time <u>0815</u>		

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



Envirotech Analytical Laboratory

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

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

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

Chain of Custody (COC)

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

Carrier: Courier

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

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

Comments/Resolution

Sampled by and No of containers missing on COC.

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

Date



envirotech Inc.

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 451412

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 451412
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

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

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	BLUE KRAIT 23 14 FEDERAL #002H
Date Release Discovered	12/29/2017
Surface Owner	Private

Incident Details	
<i>Please answer all the questions in this group.</i>	
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	
<i>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.</i>	
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	Yes
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.

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, Page 2

Action 451412

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 451412
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	More info needed to determine if this will be treated as a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Unavailable.
Reasons why this would be considered a submission for a notification of a major release	Unavailable.

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dv.n.com Date: 04/14/2025
--	---

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, Page 3

Action 451412

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 451412
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
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
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

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

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

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

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

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed. The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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, Page 4

Action 451412

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 451412
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

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.)	No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
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.

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
--	--

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.

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, Page 5

Action 451412

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 451412
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Deferral Requests Only	
<i>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.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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, Page 6

Action 451412

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 451412
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

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	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
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: 04/14/2025
--	--

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, Page 7

Action 451412

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 451412
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Reclamation Report	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	1000
What was the total volume of replacement material (in cubic yards) for this site	0
<i>Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.</i>	
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseeded commence(d)	05/01/2025
Summarize any additional reclamation activities not included by answers (above)	Soil has met reclamation standards.
<i>The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseeded plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. 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: 04/14/2025

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, Page 8

Action 451412

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 451412
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Revegetation Report	
<i>Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.</i>	
Requesting a restoration complete approval with this submission	No
<i>Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete.</i>	

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

CONDITIONS

Action 451412

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 451412
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created By	Condition	Condition Date
nvez	None	6/24/2025