



Pilum 15 Fee 2H Battery

Incident ID NAPP2429738206

PREPARED BY:
PIMA ENVIRONMENTAL SERVICES, LLC

PREPARED FOR:
Spur Energy

Site Assessment, Remediation, and Closure Report

January 8, 2024



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

January 8, 2025

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

Re: Site Assessment, Remediation, and Closure Report
Pilum 15 Fee 2H Battery
Facility ID: fAPP2203440160
GPS: Latitude 32.74196 Longitude -104.38426
UL "O", Sec. 16, T18S, R26E
Eddy County, NM
NMOCD Ref. No. NAPP2429738206

Pima Environmental Services, LLC (Pima) has been contracted by Spur Energy to perform a spill assessment, remediation activities, and submit this closure report for a produced water and crude oil release that occurred at the Pilum 15 Fee 2H Battery (Pilum). The initial C-141 was submitted on October 23rd, 2024. This incident was assigned Incident ID NAPP2429738206, by the New Mexico Oil Conservation Division (NMOCD).

Site Characterization

The Pilum is located approximately 7 miles southeast of Artesia, NM. This spill site is in Unit O, Section 16, Township 18S, Range 26E, Latitude 32.74196, Longitude -104.38426, Eddy County, NM. Figure 1 references a location map.

According to the New Mexico Bureau of Geology and Mineral Resources, the geological classification of the area includes Piedmont alluvial deposits from the Holocene to lower Pleistocene eras, as detailed in Appendix B. The predominant soil type in this region is the Harkey very fine sandy loam, characterized by 0 to 1 percent slopes, as identified in the United States Department of Agriculture Natural Resources Conservation Service soil survey (Appendix B). The drainage courses in this area are classified as well-drained. Additionally, the geological assessment indicates a low potential for karst geology near the Pilum (see Figure 3). The nearest significant watercourse is Brantley Lake, located approximately 11.35 miles to the south (Appendix A).

Based on information from the New Mexico Office of the State Engineer, the nearest groundwater in this area is located at a depth of 80 feet below ground surface (BGS), approximately 1.53 miles from the site, as indicated by water well RA 01296, drilled on March 20, 2002. Additionally, data from the United States Geological Survey (USGS) shows that the closest groundwater well, USGS 324421104225301, is approximately 0.28 miles away and has a water depth of 49 feet BGS. For precise locations, please refer to Appendix A, which includes a detailed water well map displaying both OSE and USGS well positions.

Table 1 NMAC and Closure Criteria 19.15.29

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

Reference Figure 2 for a Topographic map.

Release Information

NAPP2429738206: On October 21, 2024, high pressure caused a poly discharge line to split, resulting in a fluid release into the pasture. Approximately 9 barrels of produced water and 2 barrels of crude oil were released, with no fluids recovered. The impacted area is shown in Figure 5.

Site Assessment and Soil Sampling Results

On October 24, and November 15, 2024, Pima Environmental Services mobilized personnel to the site to conduct delineation activities. Sampling procedures were performed from the point of release to the northernmost edge of the impacted area located in the pasture. Seven bottom samples (S1-S7) were collected for vertical delineation, along with eight sidewall samples (SW1-SW8) for horizontal delineation. Vertical samples (S1-S7) were taken at depth intervals up to 20 feet below ground surface (bgs), while horizontal samples (SW1-SW8) were collected from the outermost extent of the release to assess horizontal impact. The results from this sampling event are presented in the accompanying data table, with the complete laboratory report included in Appendix E.

10-24-24 and 11-15-2024 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
Spur Energy/Pilum 15 Fee 2H Battery								
Sample Date: 10-24-24 and 11-15-2024		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	Surface	ND	ND	ND	ND	ND	0	17600
	2'	ND	ND	ND	ND	ND	0	21000
	4'	ND	ND	ND	113	63.8	176.8	16700
	5'	ND	ND	ND	ND	ND	ND	22,800
	8'	ND	ND	ND	ND	ND	ND	2,240
	11'	ND	ND	ND	ND	ND	ND	2,120
	13'	ND	ND	ND	ND	ND	ND	2,600
	15'	ND	ND	ND	ND	ND	ND	208
	20'	ND	ND	ND	ND	ND	ND	16
S2	Surface	ND	ND	ND	ND	ND	0	20200
	2'	ND	ND	ND	ND	ND	0	17900
	4'	ND	ND	ND	ND	ND	0	1520
	5'	ND	ND	ND	ND	ND	ND	1,144
	7'	ND	ND	ND	ND	ND	ND	1,176
	9'	ND	ND	ND	ND	ND	ND	641
	10'	ND	ND	ND	ND	ND	ND	481
	12'	ND	ND	ND	ND	ND	ND	96
	15'	ND	ND	ND	ND	ND	ND	80
S3	Surface	ND	ND	ND	139	63.8	202.8	21500
	2'	0.158	0.027	ND	38.4	ND	38.585	21700
	4'	ND	ND	ND	42.1	ND	42.1	22300
	5'	ND	ND	ND	ND	ND	ND	7116
	8'	ND	ND	ND	ND	ND	ND	2240
	11'	ND	ND	ND	ND	ND	ND	1448
	13'	ND	ND	ND	ND	ND	ND	400
	15'	ND	ND	ND	ND	ND	ND	ND
	18'	ND	ND	ND	ND	ND	ND	ND
S4	Surface	ND	ND	ND	32.6	ND	32.6	19300
	2'	ND	ND	ND	ND	ND	ND	2800
	4'	ND	ND	ND	ND	ND	ND	2420
	5'	ND	ND	ND	ND	ND	ND	1660
	8'	ND	ND	ND	ND	ND	ND	1272
	12'	ND	ND	ND	ND	ND	ND	916
	15'	ND	ND	ND	ND	ND	ND	400
	16'	ND	ND	ND	ND	ND	ND	ND
S5	Surface	ND	ND	ND	38.3	ND	38.3	11400
	2'	1.35	0.0535	22.4	428	186	637.8035	22100
	4'	ND	ND	ND	176	85.6	261.6	14200
	5'	ND	ND	ND	ND	ND	ND	9144
	8'	ND	ND	ND	ND	ND	ND	3136
	12'	ND	ND	ND	ND	ND	ND	1480

	15'	ND	ND	ND	ND	ND	ND	32
	18'	ND	ND	ND	ND	ND	ND	16
S6	Surface	ND	ND	ND	48.4	ND	48.4	14500
	2'	1.74	ND	29.4	4740	1760	6531.14	17300
	4'	ND	ND	ND	ND	ND	ND	15300
	5'	ND	ND	ND	ND	ND	ND	8192
	8'	ND	ND	ND	ND	ND	ND	1340
	12'	ND	ND	ND	ND	ND	ND	272
	15'	ND	ND	ND	ND	ND	ND	16
S7	Surface	ND	ND	ND	62.3	ND	62.3	11900
	2'	ND	ND	ND	211	91.5	302.5	13500
	4'	ND	ND	ND	316	168	484	17800
	5'	ND	ND	ND	ND	ND	ND	64
	8'	ND	ND	ND	ND	ND	ND	48
	12'	ND	ND	ND	ND	ND	ND	288
	14'	ND	ND	ND	ND	ND	ND	16
SW1	4'	ND	ND	ND	ND	ND	ND	16
SW2	4'	ND	ND	ND	ND	ND	ND	16
SW3	4'	ND	ND	ND	ND	ND	ND	32
SW4	4'	ND	ND	ND	ND	ND	ND	32
SW5	4'	ND	ND	ND	ND	ND	ND	16
SW6	4'	ND	ND	ND	ND	ND	ND	16
SW7	4'	ND	ND	ND	ND	ND	ND	16
SW8	4'	ND	ND	ND	ND	ND	ND	16

ND- Analyte Not Detected

Remediation Activities

From December 15 to January 1, Pima Environmental, in collaboration with SDR Excavating, deployed a heavy equipment operator and a field technician to remediate the affected area. Excavation depths were determined based on soil sample locations, with areas overlapping soil samples S1, S4, and S5 excavated to a depth of 15 feet below ground surface (bgs), the area containing soil sample S2 excavated to a depth of 10 feet bgs, the section overlapping soil sample S3 excavated to 13 feet bgs, the section overlapping soil sample S6 excavated to 12 feet bgs, and the area overlapping soil sample S7 excavated to 5 feet bgs. The total excavation covered approximately 3,200 square feet and resulted in the removal of about 1,112 cubic yards of contaminated soil, which was securely transported to Lea Land, a disposal facility approved by the NMOCD.

On December 25, 2024, Spur Energy proactively submitted a 48-hour sampling notification as part of the preliminary preparations leading up to the final confirmation sampling event. This precautionary step was taken with the expectation that all sampling results would fall below the closure criteria established by the New Mexico Oil Conservation Division (NMOCD). Should the results confirm compliance, the plan is to move forward with the closure process. For additional details, the 48-hour notification can be referenced in Appendix C.

On December 30, 2024, a Pima field technician conducted a confirmation sampling event at the Pilum site. The technician collected sixteen composite bottom samples (CS1–CS16) and eleven composite sidewall samples (CSW1–CSW11). The sidewall samples spanned the entire height of the excavation sidewalls, from bottom to top, with each sample consisting of a five-point composite.

In the 15-foot excavation area, measuring approximately 1,177 square feet, six bottom samples (CS1–CS6) were collected. The 10-foot excavation area, covering about 475 square feet, yielded two bottom samples (CS7–CS8). Two additional bottom samples (CS9–CS10) were collected from the 13-foot excavation area, which spanned roughly 415 square feet. From the 12-foot excavation area, measuring approximately 501 square feet, three bottom samples (CS11–CS13) were collected. Finally, three bottom samples (CS14–CS16) were taken from the 5-foot excavation area, which covered approximately 645 square feet.

For sidewall samples, the 15-foot excavation area, with a perimeter of 95 feet and a square area of 1,424 square feet, yielded seven samples (CSW1–CSW7). The 5-foot excavation area, with a perimeter of 80 feet and a square area of 400 square feet, produced two samples (CSW8–CSW9). The 12-foot excavation area, which had a perimeter of 20 feet and a square area of 240 square feet, provided one sample (CSW10). Similarly, the 10-foot excavation area, with a perimeter of 25 feet and a square area of 250 square feet, yielded one sidewall sample (CSW11).

The results of this confirmation sampling event are summarized in the following data table.

12-30-24 Confirmation Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
Spur Energy/Pilum 15 Fee 2H Battery								
Date: 12-30-24		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	15'	ND	ND	ND	12.9	ND	12.9	128
CS2	15'	ND	ND	ND	38.6	14.3	52.9	128
CS3	15'	ND	ND	ND	ND	ND	0	112
CS4	15'	ND	ND	ND	29.3	ND	29.3	128
CS5	15'	ND	ND	ND	29.9	ND	29.9	128
CS6	15'	ND	ND	ND	15.9	ND	15.9	128
CS7	10'	ND	ND	ND	32.6	ND	32.6	128
CS8	10'	ND	ND	ND	22.2	ND	22.2	128
CS9	13'	ND	ND	ND	65	22.6	87.6	128
CS10	13'	ND	ND	ND	51.2	18.1	69.3	128
CS11	12'	ND	ND	ND	ND	ND	0	64
CS12	12'	ND	ND	ND	36.3	ND	36.3	128
CS13	12'	ND	ND	ND	70.5	20.5	91	128
CS14	5'	ND	ND	ND	39.8	ND	39.8	128
CS15	5'	ND	ND	ND	ND	ND	0	ND
CS16	5'	ND	ND	ND	ND	ND	0	16
CSW1	0-15'	ND	ND	ND	ND	ND	0	16
CSW2	0-15'	ND	ND	ND	ND	ND	0	16
CSW3	0-15'	ND	ND	ND	ND	ND	0	ND
CSW4	0-15'	ND	ND	ND	ND	ND	0	ND
CSW5	0-15'	ND	ND	ND	ND	ND	0	32
CSW6	0-15'	ND	ND	ND	ND	ND	0	ND
CSW7	0-15'	ND	ND	ND	ND	ND	0	ND
CSW8	0-5'	ND	ND	ND	ND	ND	0	ND
CSW9	0-5'	ND	ND	ND	ND	ND	0	ND
CSW10	0-12'	ND	ND	ND	ND	ND	0	ND
CSW11	0-10'	ND	ND	ND	ND	ND	0	ND
Backfill	N/A	ND	ND	ND	ND	ND	0	ND

ND- Analyte Not Detected

Each soil sample was a 5-point composite derived from the excavated area, specifically representing an area not exceeding 200 square feet of the open excavation. A total of twenty-eight (28) samples were collected for laboratory analysis for total chloride using EPA Method 300.0; benzene, toluene, ethylbenzene and total xylenes (BTEX) using EPA Method 8021B; and motor, diesel, and gasoline range organics (MRO, DRO, & GRO) by EPA Method 8015D. All samples were placed into laboratory supplied glassware, labeled, and maintained on ice until delivery to Cardinal Laboratories in Hobbs, New Mexico (Appendix C).

Upon confirmation that all soil samples met the closure standards set by the New Mexico Oil Conservation Division (NMOCD), clean backfill material was brought in and utilized to restore the excavated area, returning it to its original state.

Closure Request

After careful review, Pima requests that this incident, NAPP2429738206, be closed. Spur Energy has complied with the applicable closure requirements set forth in rule 19.15.19.12 NMAC.

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

Spur Energy – Katherine Purvis at 575-441-8619 or katherine.purvis@spurenergy.com

Pima Environmental Services – Sebastian Orozco at 619-721-4813 or Sebastian@pimaoil.com.

Attachments

Figures:

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

Appendices:

- Appendix A – Referenced Water Surveys
- Appendix B – Soil Survey and Geological Map
- Appendix C – 48 Hour Notification
- Appendix D – Photographic Documentation
- Appendix E – Laboratory Reports

Figures:

Figure 1- Location Map

Figure 2- Topographic Map

Figure 3- Karst Map



Figure 4- Initial Site Map

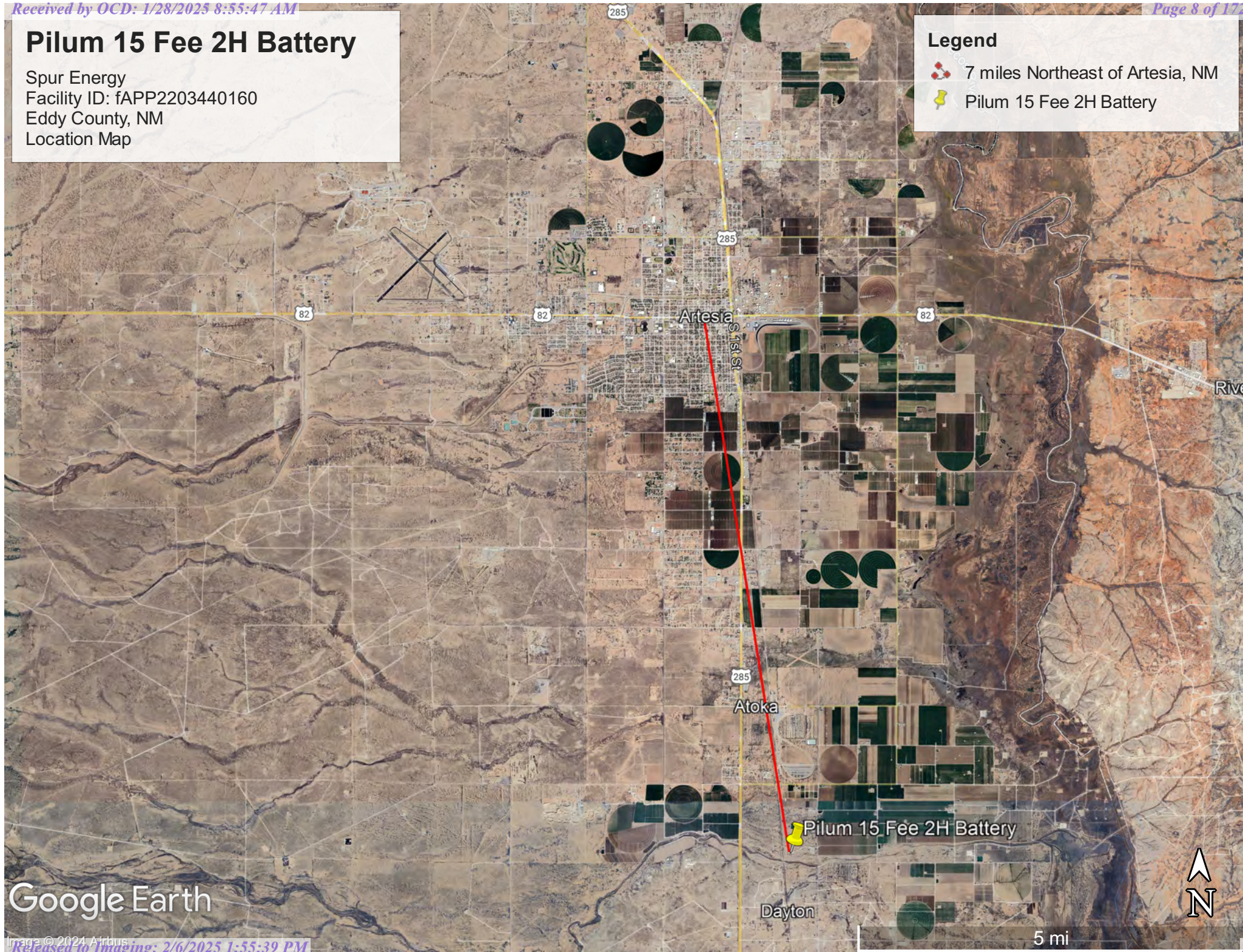
Figure 5- Confirmation Site Map

Pilum 15 Fee 2H Battery

Spur Energy
Facility ID: fAPP2203440160
Eddy County, NM
Location Map

Legend

-  7 miles Northeast of Artesia, NM
-  Pilum 15 Fee 2H Battery



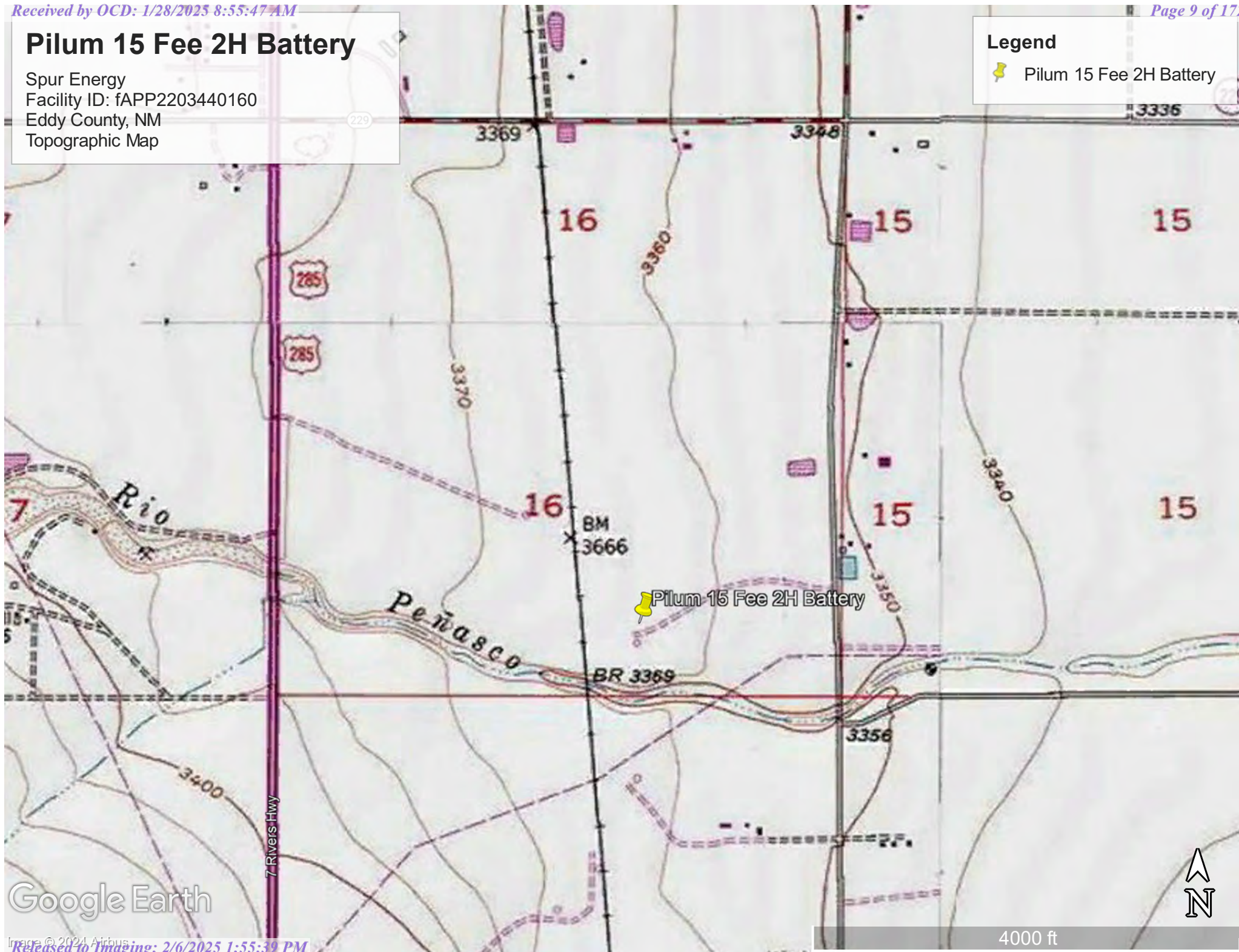
Google Earth

Pilum 15 Fee 2H Battery

Spur Energy
Facility ID: fAPP2203440160
Eddy County, NM
Topographic Map

Legend

 Pilum 15 Fee 2H Battery



Google Earth

Pilum 15 Fee 2H Battery

Spur Energy
Facility ID: fAPP2203440160
Eddy County, NM
Karst Map

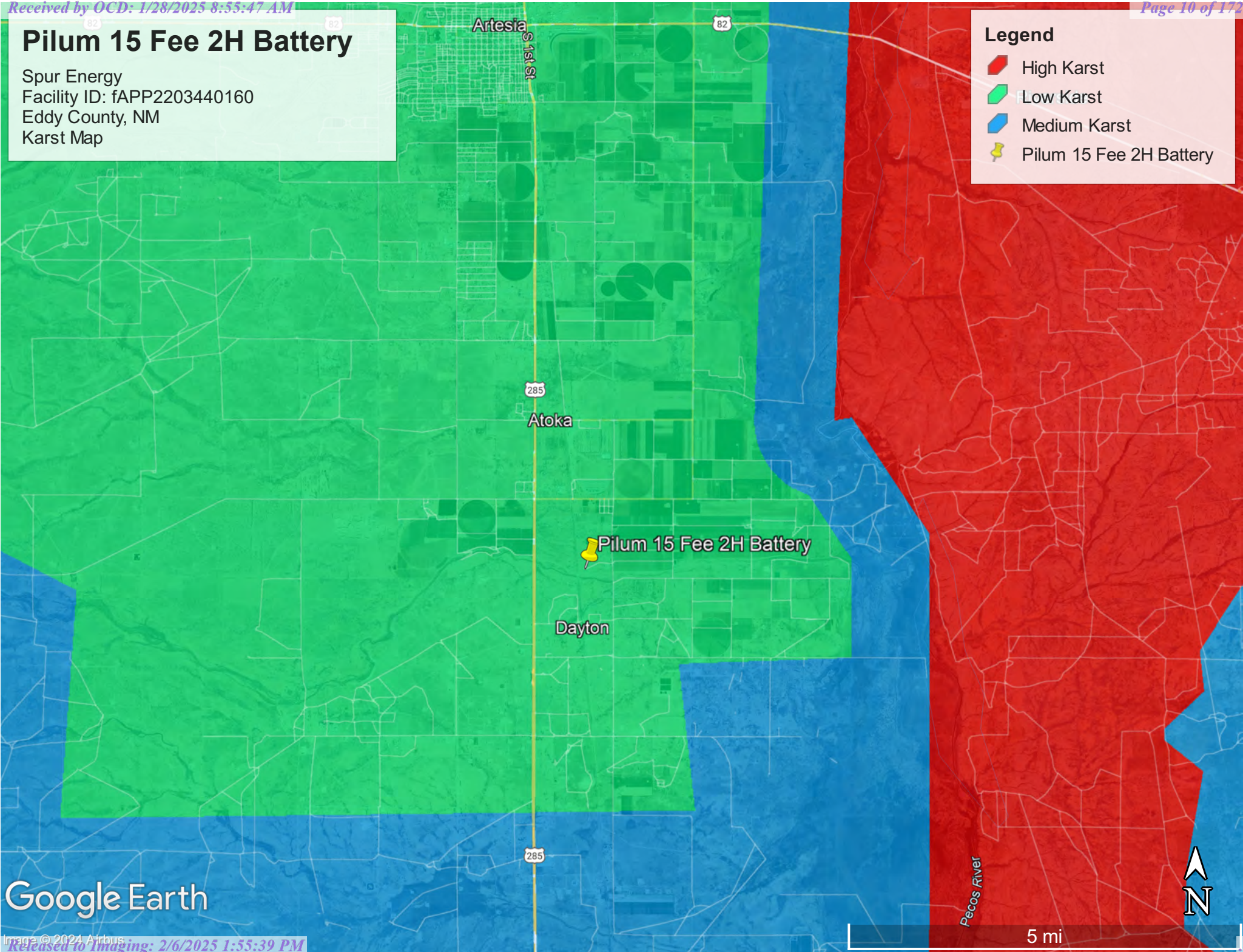
Legend

High Karst

Low Karst

Medium Karst

Pilum 15 Fee 2H Battery



Google Earth

Pecos River

5 mi






N

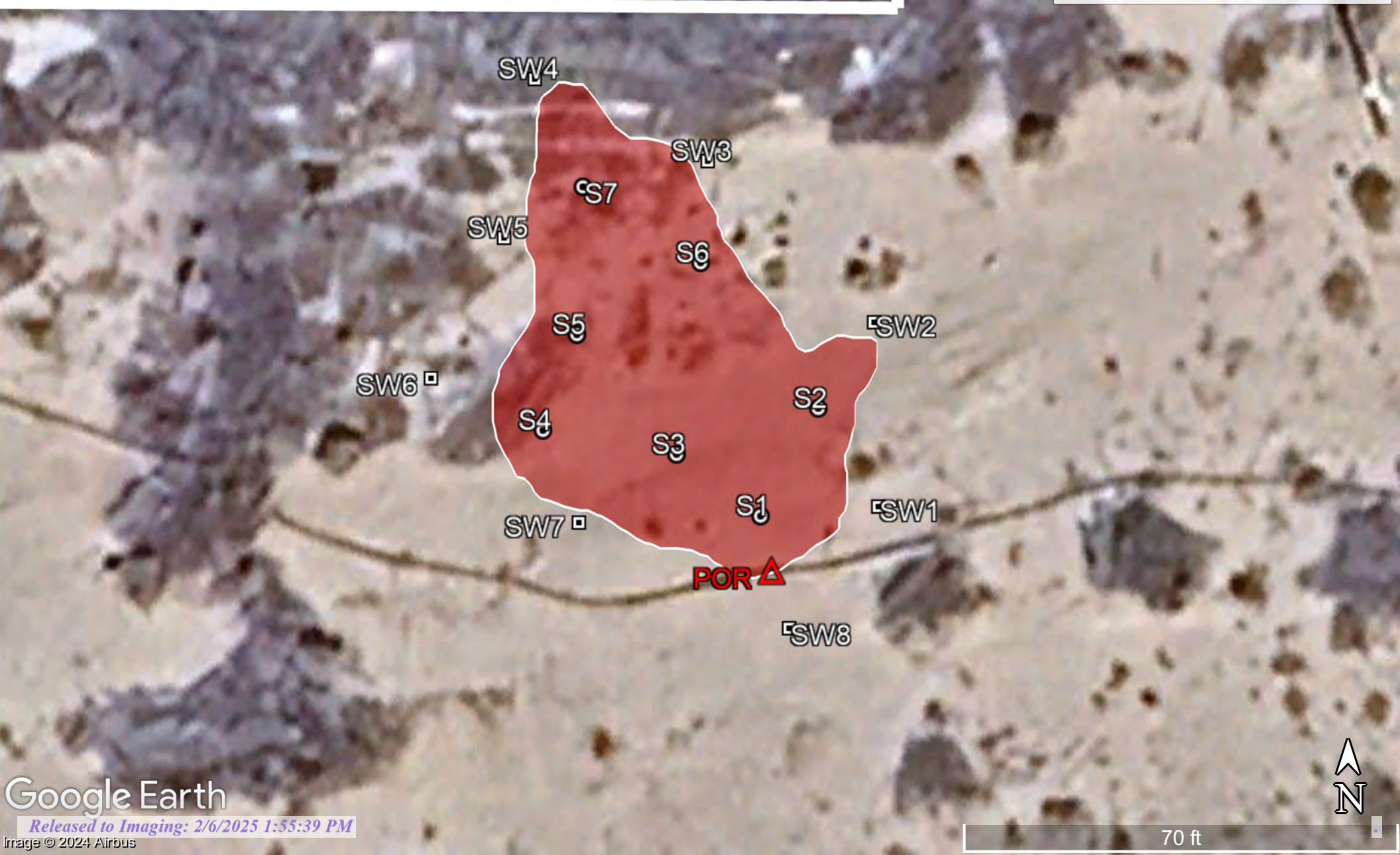
Pilum 15 Fee 2H Battery

Spur Energy
Facility ID: fAPP2203440160
Eddy County
Initial Site Map



Legend

-  Fence
-  Horizontal Delineation Sample
-  Point of Release
-  Release Area
-  Vertical Delineation Sample



Google Earth

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Image © 2024 Airbus



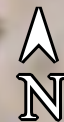
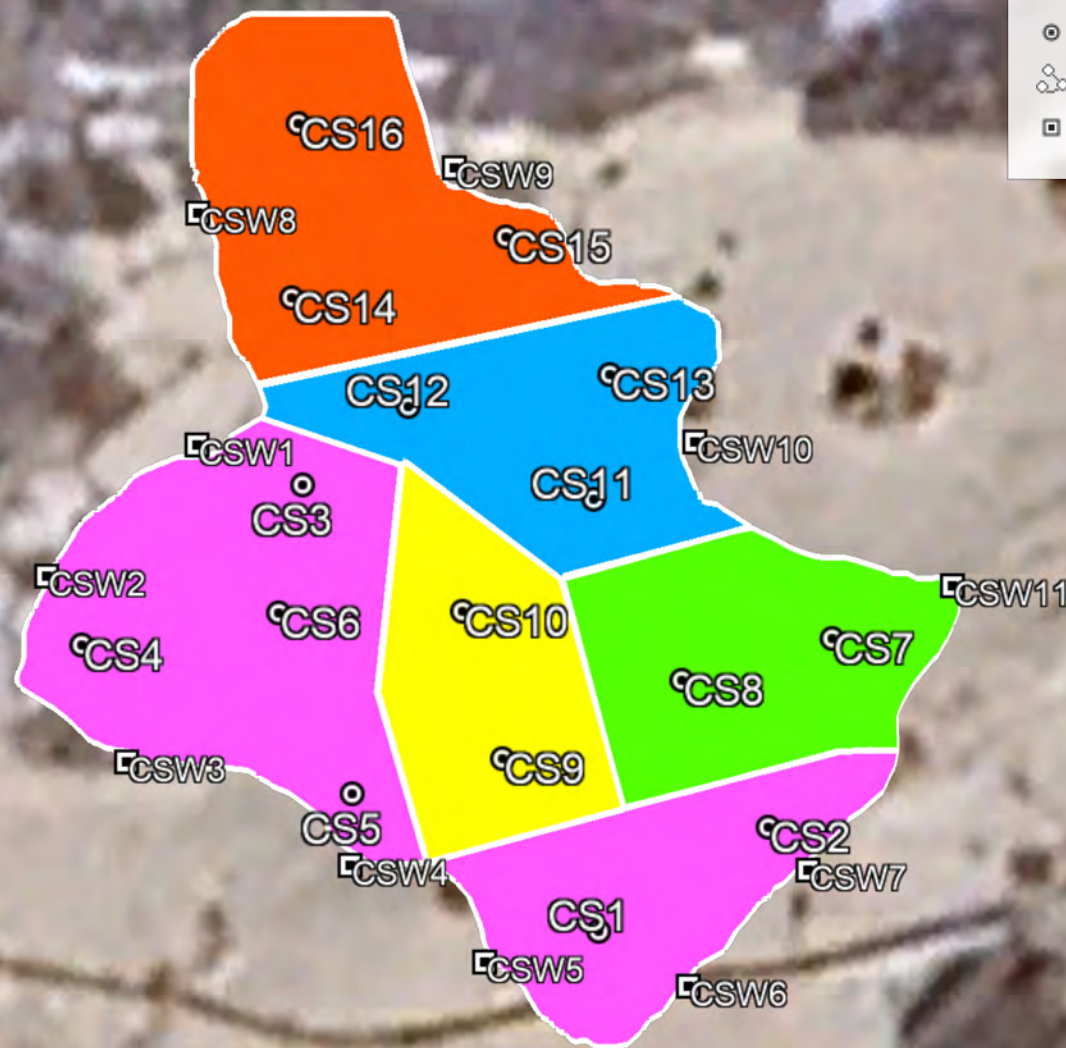
70 ft

Pilum 15 Fee 2H Battery

Spur Energy
Facility ID: fAPP2203440160
Eddy County, NM
Confirmation Site Map

Legend

- 10' Excavation
- 12' Excavation
- 13' Excavation
- 15' Excavation
- 5' Excavation
- Bottom Base Confirmation Sample
- Fence
- Side Wall Confirmation Sample






Appendix A

Water Surveys:

- OSE
- USGS
- Surface Water Map

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	Tw	Rng	X	Y	Map
	RA 01296	SW	SW	NW	23	18S	26E	559954.0	3622001.0 *	

* UTM location was derived from PLSS - see Help

Driller License:	461	Driller Company:	C & J DRILLING COMPANY		
Driller Name:	J.O. HAMMOND				
Drill Start Date:	2002-03-20	Drill Finish Date:	2002-04-01	Plug Date:	
Log File Date:	2002-04-22	PCW Rcv Date:		Source:	Shallow
Pump Type:		Pipe Discharge Size:		Estimated Yield:	
Casing Size:	12.75	Depth Well:	180	Depth Water:	80

Water Bearing Stratifications:

Top	Bottom	Description
50	60	Shallow Alluvium/Basin Fill
80	110	Shallow Alluvium/Basin Fill
140	150	Shallow Alluvium/Basin Fill

Casing Perforations:

Top	Bottom
136	180

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.

10/24/24 10:32 AM MST

Point of Diversion Summary

Pilum 15 Fee 2H Battery

Spur Energy
Facility ID: fAPP2203440160
Eddy County, NM
OSE POD Map Map

Legend

- 1.53 miles
- Pilum 15 Fee 2H Battery

Pilum 15 Fee 2H Battery

RA 01296

Dayton

Google Earth

3000 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



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

Search Results -- 1 sites found

site_no list =

- 324421104225301

Minimum number of levels = 1

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

USGS 324421104225301 18S.26E.21.2233113

Available data for this site

Groundwater: Field measurements

GO

Eddy County, New Mexico

Hydrologic Unit Code 13060010

Latitude 32°44'21", Longitude 104°22'53" NAD27

Land-surface elevation 3,356 feet above NAVD88

The depth of the well is 1,099 feet below land surface.

This well is completed in the Roswell Basin aquifer system (S400RSWLBS) national aquifer.

This well is completed in the San Andres Limestone (313SADR) local aquifer.

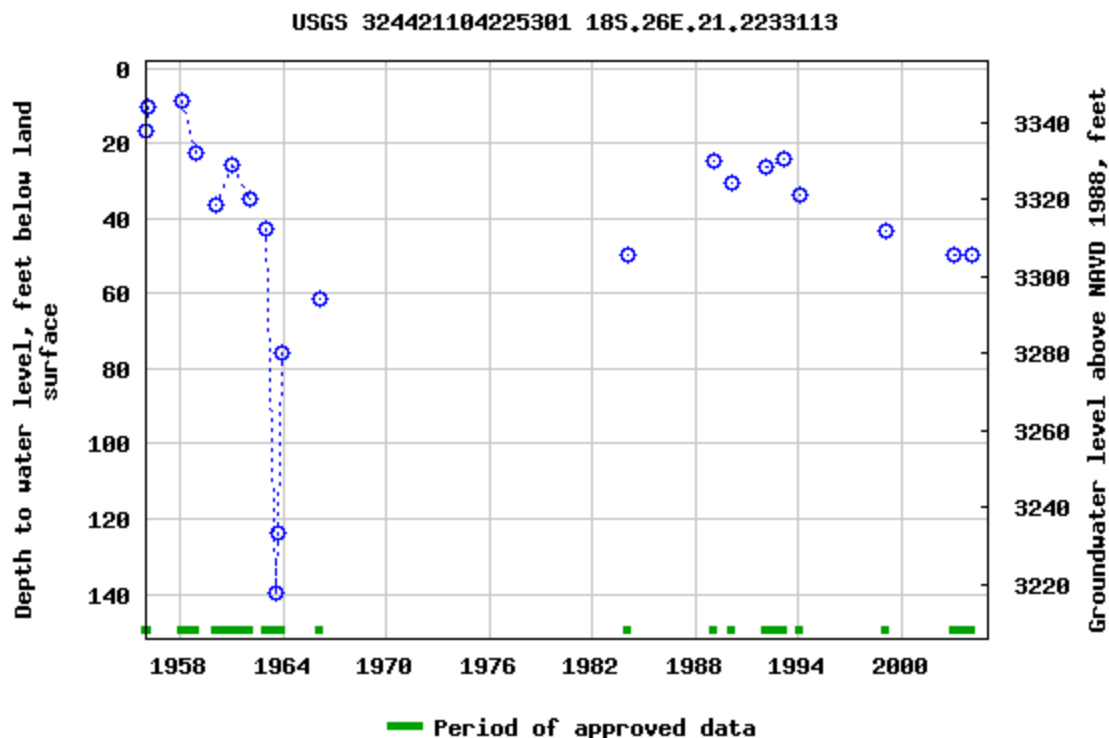
Output formats

[Table of data](#)

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Breaks in the plot represent a gap of at least one year between field measurements.
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Title: Groundwater for USA: Water Levels

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

Page Contact Information: [USGS Water Data Support Team](#)

Page Last Modified: 2024-10-24 12:40:00 EDT


0.67 0.52 nadww01





Pilum 15 Fee 2H Battery

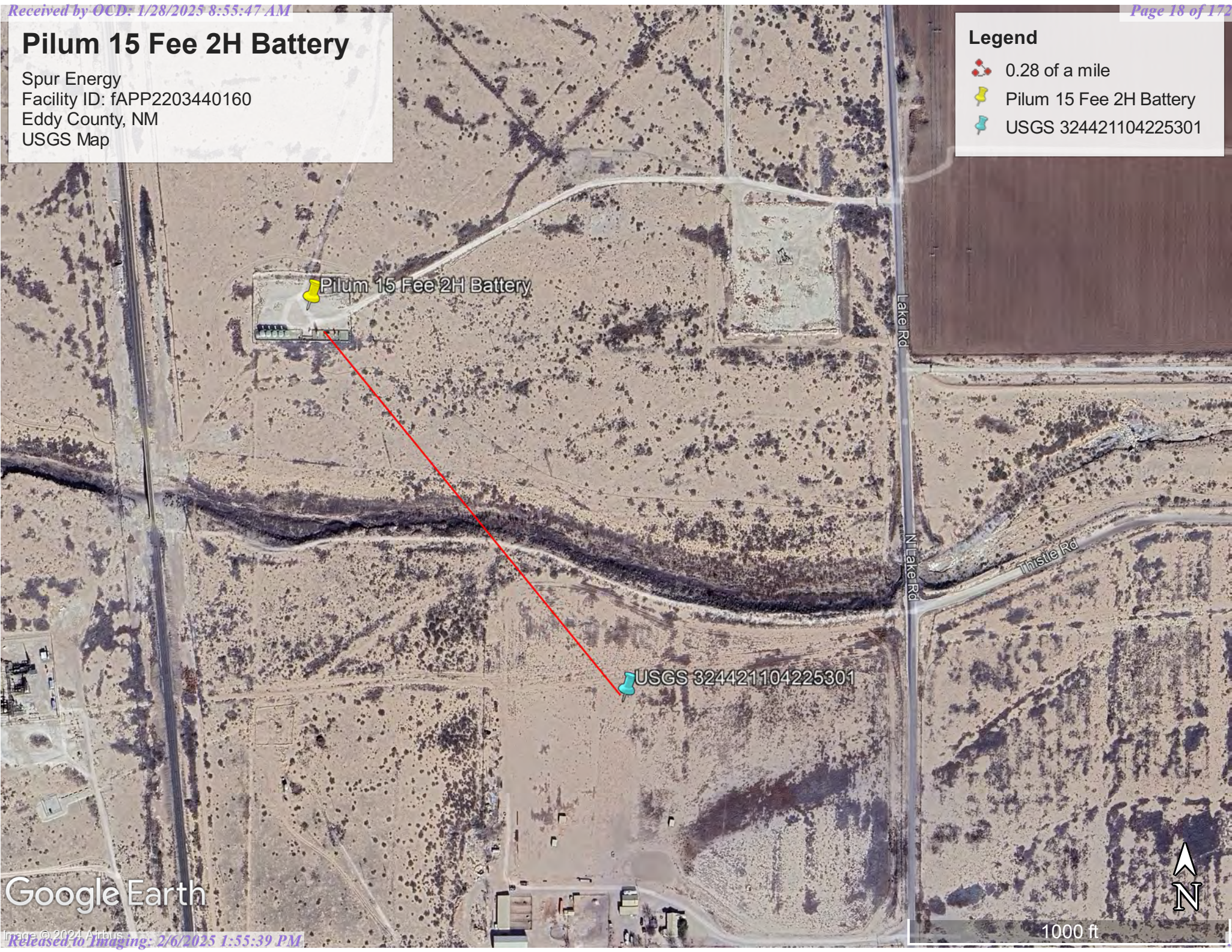
Spur Energy
Facility ID: fAPP2203440160
Eddy County, NM
USGS Map

Legend

 0.28 of a mile

 Pilum 15 Fee 2H Battery

 USGS 324421104225301






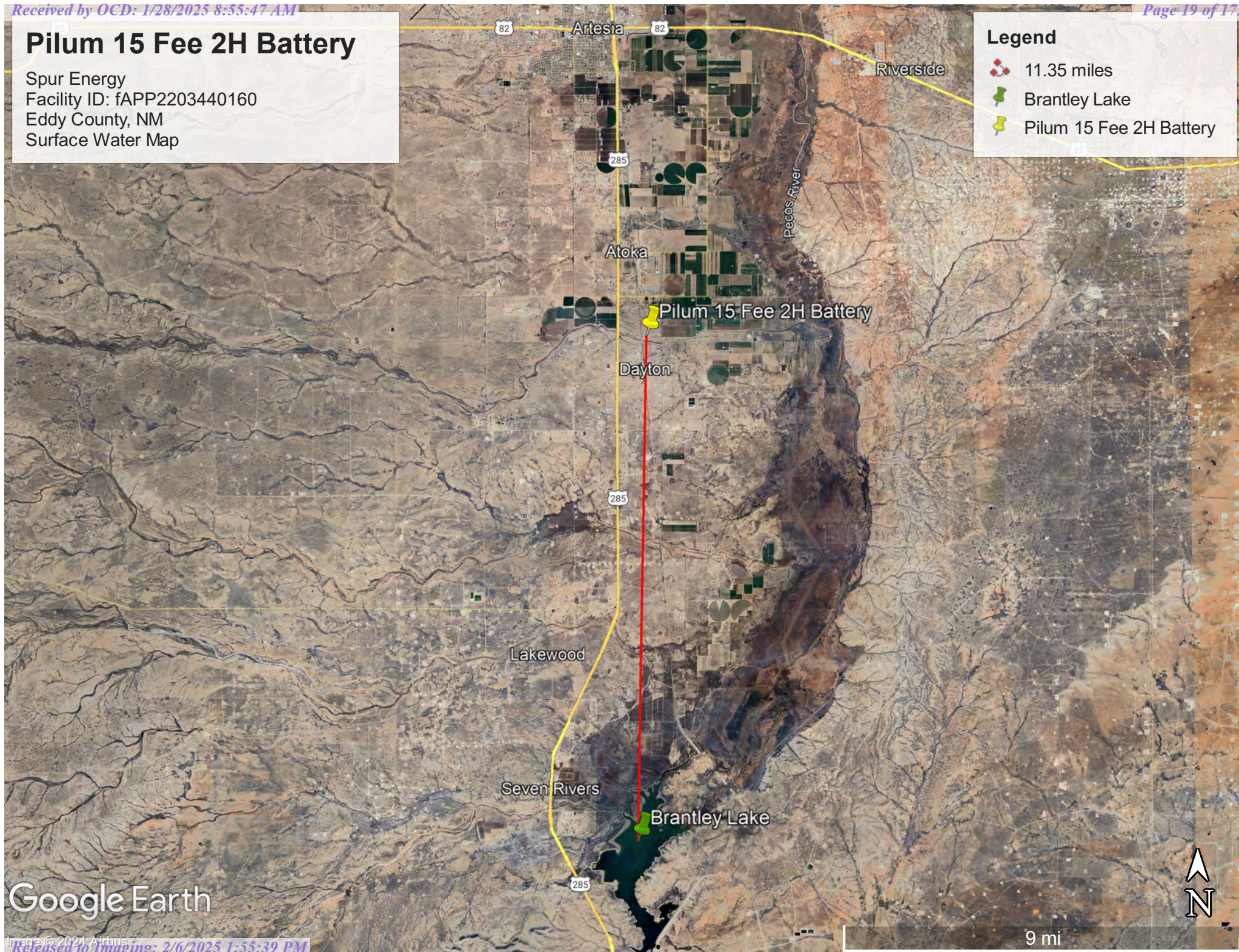
Google Earth

Pilum 15 Fee 2H Battery

Spur Energy
Facility ID: fAPP2203440160
Eddy County, NM
Surface Water Map

Legend

-  11.35 miles
-  Brantley Lake
-  Pilum 15 Fee 2H Battery



Google Earth



Appendix B

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

Map Unit Description: Harkey very fine sandy loam, 0 to 1 percent slopes---Eddy Area, New Mexico

Eddy Area, New Mexico

Hk—Harkey very fine sandy loam, 0 to 1 percent slopes

Map Unit Setting

National map unit symbol: 1w4l

Elevation: 3,000 to 4,200 feet

Mean annual precipitation: 10 to 16 inches

Mean annual air temperature: 60 to 64 degrees F

Frost-free period: 180 to 240 days

Farmland classification: Prime farmland if irrigated

Map Unit Composition

Harkey and similar soils: 95 percent

Minor components: 5 percent

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

Description of Harkey

Setting

Landform: Flood plains, alluvial fans

Landform position (three-dimensional): Talf, rise

Down-slope shape: Convex, linear

Across-slope shape: Linear

Parent material: Alluvium derived from sedimentary rock

Typical profile

H1 - 0 to 9 inches: very fine sandy loam

H2 - 9 to 87 inches: very fine sandy loam

Properties and qualities

Slope: 0 to 1 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Runoff class: Low

Capacity of the most limiting layer to transmit water

(Ksat): Moderately high to high (0.60 to 2.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 30 percent

Gypsum, maximum content: 2 percent

Maximum salinity: Nonsaline to slightly saline (0.0 to 4.0 mmhos/cm)

Sodium adsorption ratio, maximum: 1.0

Available water supply, 0 to 60 inches: High (about 9.6 inches)

Interpretive groups

Land capability classification (irrigated): 1

Land capability classification (nonirrigated): 7c

Hydrologic Soil Group: B

Map Unit Description: Harkey very fine sandy loam, 0 to 1 percent slopes---Eddy Area, New Mexico

Ecological site: R070BD004NM - Sandy
Hydric soil rating: No

Minor Components

Unnamed soils

Percent of map unit: 2 percent
Hydric soil rating: No

Arno

Percent of map unit: 1 percent
Landform: Flood plains, alluvial fans
Landform position (three-dimensional): Talf, rise
Down-slope shape: Linear
Across-slope shape: Linear
Ecological site: R070BC033NM - Salty Bottomland
Hydric soil rating: Yes

Anthony

Percent of map unit: 1 percent
Landform: Flood plains, alluvial fans
Landform position (three-dimensional): Talf, rise
Down-slope shape: Convex, linear
Across-slope shape: Linear
Ecological site: R070BD004NM - Sandy
Hydric soil rating: Yes

Pima variant

Percent of map unit: 1 percent
Landform: Flood plains, alluvial flats, alluvial fans
Landform position (three-dimensional): Talf, rise
Down-slope shape: Convex, linear
Across-slope shape: Linear, convex
Ecological site: R070BC017NM - Bottomland
Hydric soil rating: Yes

Data Source Information

Soil Survey Area: Eddy Area, New Mexico
Survey Area Data: Version 20, Sep 3, 2024

Soil Map—Eddy Area, New Mexico




Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

10/24/2024
Page 1 of 3

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: Eddy Area, New Mexico
Survey Area Data: Version 20, 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: Nov 12, 2022—Dec 2, 2022

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.



Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
Hk	Harkey very fine sandy loam, 0 to 1 percent slopes	1.5	100.0%
Totals for Area of Interest		1.5	100.0%

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

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

Piedmont alluvial deposits

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

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

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

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Accessibility (<https://www2.usgs.gov/laws/accessibility.html>) | Site Map (<https://www.usgs.gov/sitemap.html>) |
Contact USGS (<https://answers.usgs.gov/>)

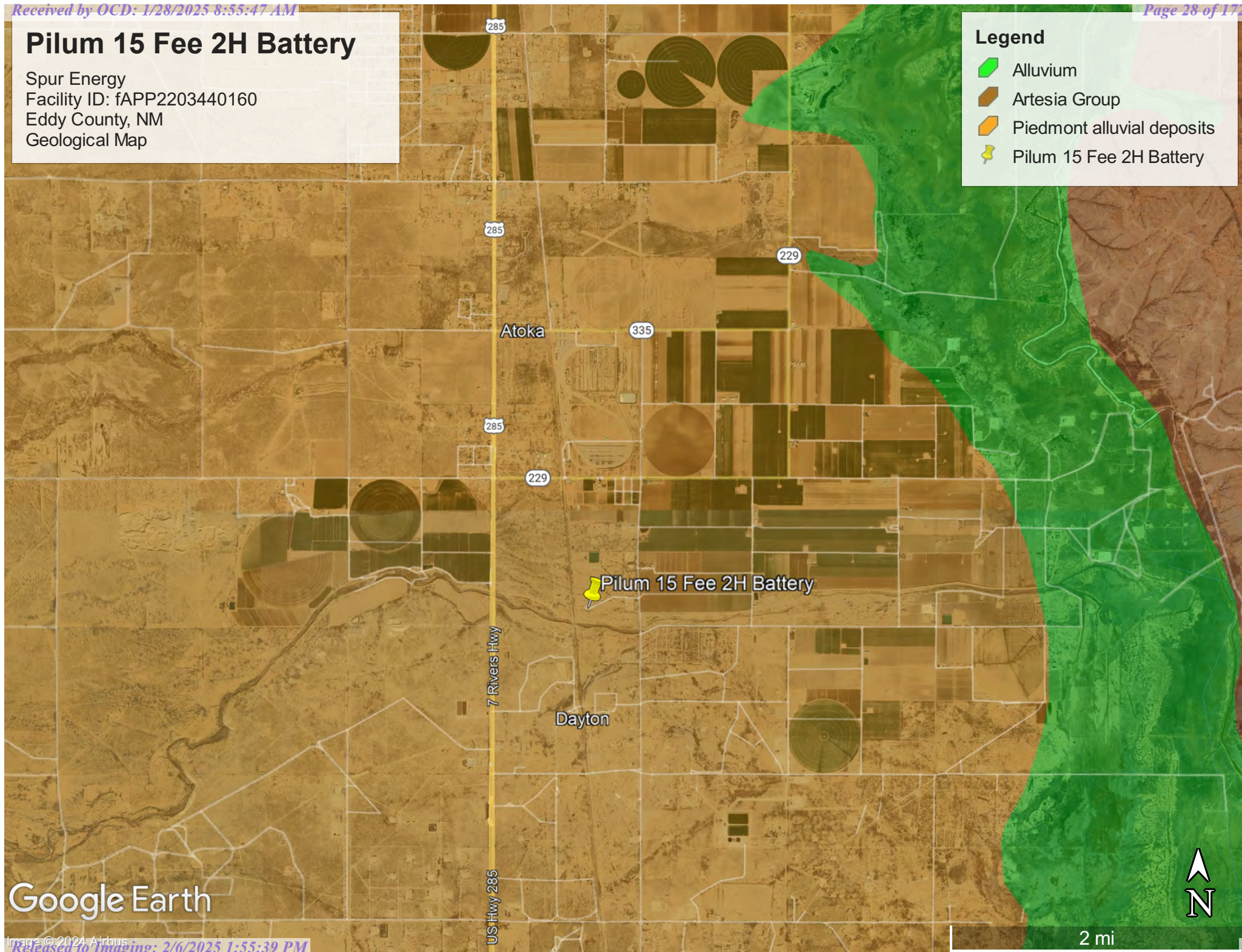
U.S. Department of the Interior (<https://www.doi.gov/>) | DOI Inspector General (<https://www.doiig.gov/>) |
White House (<https://www.whitehouse.gov/>) | E-gov (<https://www.whitehouse.gov/omb/management/egov/>) |
No Fear Act (<https://www.doi.gov/pmb/eeo/no-fear-act>) | FOIA (<https://www2.usgs.gov/foia>)

Pilum 15 Fee 2H Battery

Spur Energy
Facility ID: fAPP2203440160
Eddy County, NM
Geological Map

Legend

- Alluvium
- Artesia Group
- Piedmont alluvial deposits
- Pilum 15 Fee 2H Battery



Google Earth

National Flood Hazard Layer FIRMMette



34°23'23"W 32°44'48"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
		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
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance
		17.5 Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
MAP PANELS		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature
		Digital Data Available
		No Digital Data Available
		Unmapped

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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **10/28/2024 at 3:43 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.

Released to Imaging: 2/6/2025 1:55:39 PM

Received by OCD: 1/28/2025 8:55:47 AM



October 24, 2024

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

- Lake
- Other
- Riverine

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



Appendix C

○ 48-Hour Notification

Sebastian@pimaoil.com

From: OCDOnline@state.nm.us
Sent: Wednesday, December 25, 2024 7:40 PM
To: sebastian@pimaoil.com
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 415043

To whom it may concern (c/o Sebastian Orozco for Spur Energy Partners LLC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2429738206.

The sampling event is expected to take place:

When: 12/30/2024 @ 07:00

Where: O-16-18S-26E 0 FNL 0 FEL (32.74196,-104.38426)

Additional Information: Marisa Loya
575-416-0639

Additional Instructions: 32.742124,-104.384206

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **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.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505



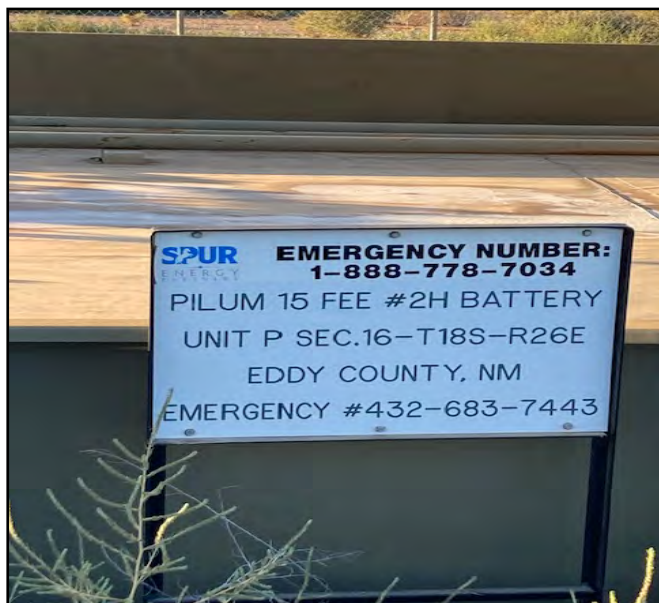
Appendix D

○ Photographic Documentation

PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Pilum 15 Fee #2H Battery

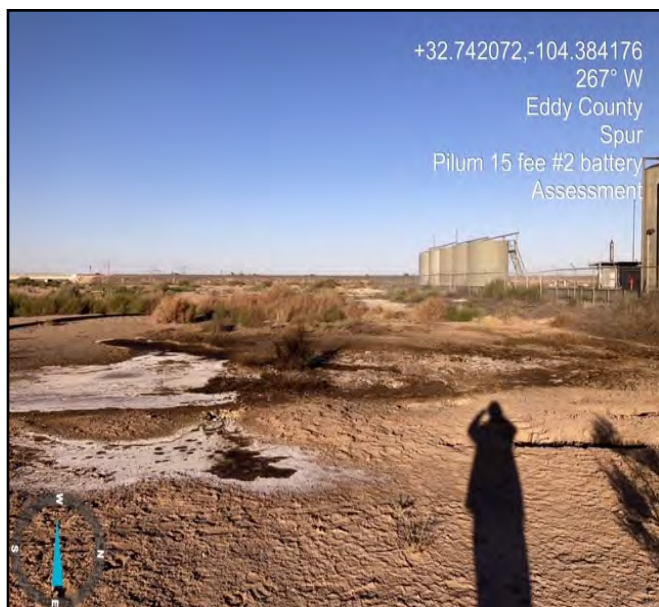
Assessment :



Site Information sign.



Photograph of the site tech assessing the release incident, facing East.



Photograph of the site tech assessing the release incident, facing West.



Photograph of the site tech assessing the release incident, facing Southwest.



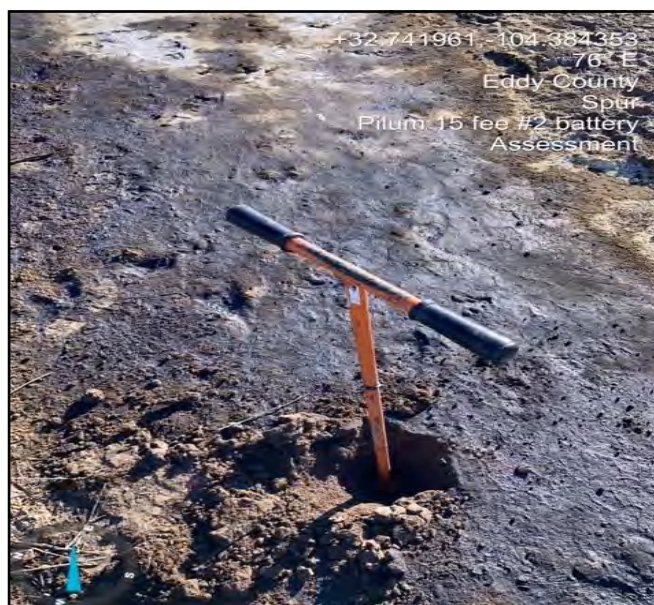
Photograph of a hand auger in the ground, facing West, to gather samples.



Photograph of a hand auger in the ground, facing Southwest, to gather samples.



Photograph of a hand auger in the ground, facing Southeast, to gather samples.



Photograph of a hand auger in the ground, facing East, to gather samples.

PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Pilum 15 Fee #2H Battery

Pre- Excavtion :



Photograph showing the site being flagged to delineate the excavation area, facing Southwest.



Photograph showing the site being flagged to delineate the excavation area, facing North.



Photograph showing the site being flagged to delineate the excavation area, facing Northeast.



Photograph showing the site being flagged to delineate the excavation area, facing Southeast

PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Pilum 15 Fee #2H Battery

Excavation :



Photo of the release area being completely excavated.



Photo of the release area being completely excavated.



Photo of the release area being completely excavated.



Photo of the release area being completely excavated.

PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Pilum 15 Fee #2H Battery

Backfill :



Photo of the release area being backfilled.



Photo of the release area being backfilled.



Photo of the release area being backfilled.



Photo of the release area being backfilled.

PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Pilum 15 Fee #2H Battery

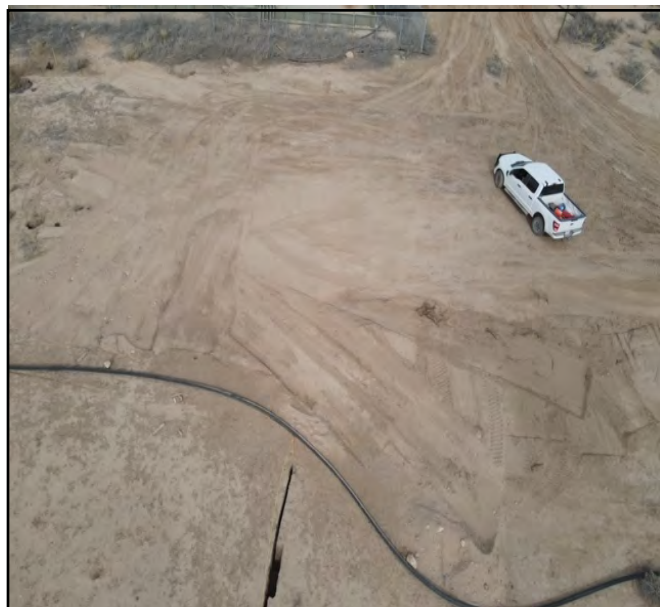
Post Excavation :



Aerial photo taken post excavation.



Aerial photo taken post excavation.



Aerial photo taken post excavation.



Aerial photo taken post excavation.



Appendix E

○ Laboratory Reports

Report to:
Gio Gomez



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Pilum 15 Fee #2H Battery

Work Order: E410333

Job Number: 21068-0001

Received: 10/28/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/5/24

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: 11/5/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247



Project Name: Pilum 15 Fee #2H Battery
Workorder: E410333
Date Received: 10/28/2024 8:00:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/28/2024 8:00:00AM, under the Project Name: Pilum 15 Fee #2H Battery.

The analytical test results summarized in this report with the Project Name: Pilum 15 Fee #2H Battery 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

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mgonzaless@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Pilum 15 Fee #2H Battery	Reported: 11/05/24 10:31
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1-Surface	E410333-01A	Soil	10/24/24	10/28/24	Glass Jar, 2 oz.
S1-2'	E410333-02A	Soil	10/24/24	10/28/24	Glass Jar, 2 oz.
S1-4'	E410333-03A	Soil	10/24/24	10/28/24	Glass Jar, 2 oz.
S2-Surface	E410333-04A	Soil	10/24/24	10/28/24	Glass Jar, 2 oz.
S2-2'	E410333-05A	Soil	10/24/24	10/28/24	Glass Jar, 2 oz.
S2-4'	E410333-06A	Soil	10/24/24	10/28/24	Glass Jar, 2 oz.
S3-Surface	E410333-07A	Soil	10/24/24	10/28/24	Glass Jar, 2 oz.
S3-2'	E410333-08A	Soil	10/24/24	10/28/24	Glass Jar, 2 oz.
S3-4'	E410333-09A	Soil	10/24/24	10/28/24	Glass Jar, 2 oz.
S4-Surface	E410333-10A	Soil	10/24/24	10/28/24	Glass Jar, 2 oz.
S4-2'	E410333-11A	Soil	10/24/24	10/28/24	Glass Jar, 2 oz.
S4-4'	E410333-12A	Soil	10/24/24	10/28/24	Glass Jar, 2 oz.
S5-Surface	E410333-13A	Soil	10/24/24	10/28/24	Glass Jar, 2 oz.
S5-2'	E410333-14A	Soil	10/24/24	10/28/24	Glass Jar, 2 oz.
S5-4'	E410333-15A	Soil	10/24/24	10/28/24	Glass Jar, 2 oz.
S6-Surface	E410333-16A	Soil	10/24/24	10/28/24	Glass Jar, 2 oz.
S6-2'	E410333-17A	Soil	10/24/24	10/28/24	Glass Jar, 2 oz.
S6-4'	E410333-18A	Soil	10/24/24	10/28/24	Glass Jar, 2 oz.
S7-Surface	E410333-19A	Soil	10/24/24	10/28/24	Glass Jar, 2 oz.
S7-2'	E410333-20A	Soil	10/24/24	10/28/24	Glass Jar, 2 oz.
S7-4'	E410333-21A	Soil	10/24/24	10/28/24	Glass Jar, 2 oz.



Sample Data

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

Project Name: Pilum 15 Fee #2H Battery
Project Number: 21068-0001
Project Manager: Gio Gomez

Reported:
11/5/2024 10:31:07AM

S1-Surface

E410333-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444009	
Benzene	ND	0.0250	1	10/28/24	10/31/24	
Ethylbenzene	ND	0.0250	1	10/28/24	10/31/24	
Toluene	ND	0.0250	1	10/28/24	10/31/24	
o-Xylene	ND	0.0250	1	10/28/24	10/31/24	
p,m-Xylene	ND	0.0500	1	10/28/24	10/31/24	
Total Xylenes	ND	0.0250	1	10/28/24	10/31/24	
<i>Surrogate: Bromofluorobenzene</i>		97.0 %	70-130	10/28/24	10/31/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.3 %	70-130	10/28/24	10/31/24	
<i>Surrogate: Toluene-d8</i>		103 %	70-130	10/28/24	10/31/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2444009	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/28/24	10/31/24	
<i>Surrogate: Bromofluorobenzene</i>		97.0 %	70-130	10/28/24	10/31/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.3 %	70-130	10/28/24	10/31/24	
<i>Surrogate: Toluene-d8</i>		103 %	70-130	10/28/24	10/31/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2444017	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/28/24	10/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/28/24	10/29/24	
<i>Surrogate: n-Nonane</i>		113 %	50-200	10/28/24	10/29/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2444050	
Chloride	17600	400	20	10/29/24	10/29/24	



Sample Data

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

Project Name: Pilum 15 Fee #2H Battery
Project Number: 21068-0001
Project Manager: Gio Gomez

Reported:
11/5/2024 10:31:07AM

S1-2'

E410333-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444009
Benzene	ND	0.0250	1	10/28/24	10/31/24	
Ethylbenzene	ND	0.0250	1	10/28/24	10/31/24	
Toluene	ND	0.0250	1	10/28/24	10/31/24	
o-Xylene	ND	0.0250	1	10/28/24	10/31/24	
p,m-Xylene	ND	0.0500	1	10/28/24	10/31/24	
Total Xylenes	ND	0.0250	1	10/28/24	10/31/24	
Surrogate: Bromofluorobenzene	98.9 %	70-130		10/28/24	10/31/24	
Surrogate: 1,2-Dichloroethane-d4	98.6 %	70-130		10/28/24	10/31/24	
Surrogate: Toluene-d8	105 %	70-130		10/28/24	10/31/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444009
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/28/24	10/31/24	
Surrogate: Bromofluorobenzene	98.9 %	70-130		10/28/24	10/31/24	
Surrogate: 1,2-Dichloroethane-d4	98.6 %	70-130		10/28/24	10/31/24	
Surrogate: Toluene-d8	105 %	70-130		10/28/24	10/31/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2444017
Diesel Range Organics (C10-C28)	ND	25.0	1	10/28/24	10/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/28/24	10/29/24	
Surrogate: n-Nonane	122 %	50-200		10/28/24	10/29/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2444050
Chloride	21000	1000	50	10/29/24	10/29/24	



Sample Data

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

Project Name: Pilum 15 Fee #2H Battery
Project Number: 21068-0001
Project Manager: Gio Gomez

Reported:
11/5/2024 10:31:07AM

S1-4'

E410333-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444009
Benzene	ND	0.0250	1	10/28/24	10/31/24	
Ethylbenzene	ND	0.0250	1	10/28/24	10/31/24	
Toluene	ND	0.0250	1	10/28/24	10/31/24	
o-Xylene	ND	0.0250	1	10/28/24	10/31/24	
p,m-Xylene	ND	0.0500	1	10/28/24	10/31/24	
Total Xylenes	ND	0.0250	1	10/28/24	10/31/24	
Surrogate: Bromofluorobenzene	98.1 %	70-130		10/28/24	10/31/24	
Surrogate: 1,2-Dichloroethane-d4	94.3 %	70-130		10/28/24	10/31/24	
Surrogate: Toluene-d8	103 %	70-130		10/28/24	10/31/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444009
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/28/24	10/31/24	
Surrogate: Bromofluorobenzene	98.1 %	70-130		10/28/24	10/31/24	
Surrogate: 1,2-Dichloroethane-d4	94.3 %	70-130		10/28/24	10/31/24	
Surrogate: Toluene-d8	103 %	70-130		10/28/24	10/31/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2444017
Diesel Range Organics (C10-C28)	113	25.0	1	10/28/24	10/29/24	
Oil Range Organics (C28-C36)	63.8	50.0	1	10/28/24	10/29/24	
Surrogate: n-Nonane	115 %	50-200		10/28/24	10/29/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2444050
Chloride	16700	400	20	10/29/24	10/29/24	



Sample Data

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

Project Name: Pilum 15 Fee #2H Battery
Project Number: 21068-0001
Project Manager: Gio Gomez

Reported:
11/5/2024 10:31:07AM

S2-Surface

E410333-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444009
Benzene	ND	0.0250	1	10/28/24	10/31/24	
Ethylbenzene	ND	0.0250	1	10/28/24	10/31/24	
Toluene	ND	0.0250	1	10/28/24	10/31/24	
o-Xylene	ND	0.0250	1	10/28/24	10/31/24	
p,m-Xylene	ND	0.0500	1	10/28/24	10/31/24	
Total Xylenes	ND	0.0250	1	10/28/24	10/31/24	
Surrogate: Bromofluorobenzene	98.8 %	70-130		10/28/24	10/31/24	
Surrogate: 1,2-Dichloroethane-d4	98.2 %	70-130		10/28/24	10/31/24	
Surrogate: Toluene-d8	103 %	70-130		10/28/24	10/31/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444009
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/28/24	10/31/24	
Surrogate: Bromofluorobenzene	98.8 %	70-130		10/28/24	10/31/24	
Surrogate: 1,2-Dichloroethane-d4	98.2 %	70-130		10/28/24	10/31/24	
Surrogate: Toluene-d8	103 %	70-130		10/28/24	10/31/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2444017
Diesel Range Organics (C10-C28)	ND	25.0	1	10/28/24	10/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/28/24	10/29/24	
Surrogate: n-Nonane	120 %	50-200		10/28/24	10/29/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2444050
Chloride	20200	400	20	10/29/24	10/29/24	



Sample Data

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

Project Name: Pilum 15 Fee #2H Battery
Project Number: 21068-0001
Project Manager: Gio Gomez

Reported:
11/5/2024 10:31:07AM

S2-2'

E410333-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444009
Benzene	ND	0.0250	1	10/28/24	10/31/24	
Ethylbenzene	ND	0.0250	1	10/28/24	10/31/24	
Toluene	ND	0.0250	1	10/28/24	10/31/24	
o-Xylene	ND	0.0250	1	10/28/24	10/31/24	
p,m-Xylene	ND	0.0500	1	10/28/24	10/31/24	
Total Xylenes	ND	0.0250	1	10/28/24	10/31/24	
Surrogate: Bromofluorobenzene	98.9 %	70-130		10/28/24	10/31/24	
Surrogate: 1,2-Dichloroethane-d4	98.0 %	70-130		10/28/24	10/31/24	
Surrogate: Toluene-d8	104 %	70-130		10/28/24	10/31/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444009
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/28/24	10/31/24	
Surrogate: Bromofluorobenzene	98.9 %	70-130		10/28/24	10/31/24	
Surrogate: 1,2-Dichloroethane-d4	98.0 %	70-130		10/28/24	10/31/24	
Surrogate: Toluene-d8	104 %	70-130		10/28/24	10/31/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2444017
Diesel Range Organics (C10-C28)	ND	25.0	1	10/28/24	10/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/28/24	10/29/24	
Surrogate: n-Nonane	115 %	50-200		10/28/24	10/29/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2444050
Chloride	17900	400	20	10/29/24	10/29/24	



Sample Data

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

Project Name: Pilum 15 Fee #2H Battery
Project Number: 21068-0001
Project Manager: Gio Gomez

Reported:
11/5/2024 10:31:07AM

S2-4'

E410333-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444009
Benzene	ND	0.0250	1	10/28/24	11/01/24	
Ethylbenzene	ND	0.0250	1	10/28/24	11/01/24	
Toluene	ND	0.0250	1	10/28/24	11/01/24	
o-Xylene	ND	0.0250	1	10/28/24	11/01/24	
p,m-Xylene	ND	0.0500	1	10/28/24	11/01/24	
Total Xylenes	ND	0.0250	1	10/28/24	11/01/24	
Surrogate: Bromofluorobenzene	97.9 %	70-130		10/28/24	11/01/24	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		10/28/24	11/01/24	
Surrogate: Toluene-d8	106 %	70-130		10/28/24	11/01/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444009
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/28/24	11/01/24	
Surrogate: Bromofluorobenzene	97.9 %	70-130		10/28/24	11/01/24	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		10/28/24	11/01/24	
Surrogate: Toluene-d8	106 %	70-130		10/28/24	11/01/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2444017
Diesel Range Organics (C10-C28)	ND	25.0	1	10/28/24	10/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/28/24	10/29/24	
Surrogate: n-Nonane	110 %	50-200		10/28/24	10/29/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2444050
Chloride	1520	20.0	1	10/29/24	10/29/24	



Sample Data

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

Project Name: Pilum 15 Fee #2H Battery
Project Number: 21068-0001
Project Manager: Gio Gomez

Reported:
11/5/2024 10:31:07AM

S3-Surface

E410333-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444009
Benzene	ND	0.0250	1	10/28/24	11/01/24	
Ethylbenzene	ND	0.0250	1	10/28/24	11/01/24	
Toluene	ND	0.0250	1	10/28/24	11/01/24	
o-Xylene	ND	0.0250	1	10/28/24	11/01/24	
p,m-Xylene	ND	0.0500	1	10/28/24	11/01/24	
Total Xylenes	ND	0.0250	1	10/28/24	11/01/24	
Surrogate: Bromofluorobenzene	98.4 %	70-130		10/28/24	11/01/24	
Surrogate: 1,2-Dichloroethane-d4	94.8 %	70-130		10/28/24	11/01/24	
Surrogate: Toluene-d8	104 %	70-130		10/28/24	11/01/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444009
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/28/24	11/01/24	
Surrogate: Bromofluorobenzene	98.4 %	70-130		10/28/24	11/01/24	
Surrogate: 1,2-Dichloroethane-d4	94.8 %	70-130		10/28/24	11/01/24	
Surrogate: Toluene-d8	104 %	70-130		10/28/24	11/01/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2444017
Diesel Range Organics (C10-C28)	139	25.0	1	10/28/24	10/29/24	
Oil Range Organics (C28-C36)	63.8	50.0	1	10/28/24	10/29/24	
Surrogate: n-Nonane	104 %	50-200		10/28/24	10/29/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2444050
Chloride	21500	400	20	10/29/24	10/29/24	



Sample Data

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

Project Name: Pilum 15 Fee #2H Battery
Project Number: 21068-0001
Project Manager: Gio Gomez

Reported:
11/5/2024 10:31:07AM

S3-2'

E410333-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444009
Benzene	0.0270	0.0250	1	10/28/24	11/01/24	
Ethylbenzene	0.0745	0.0250	1	10/28/24	11/01/24	
Toluene	0.0745	0.0250	1	10/28/24	11/01/24	
o-Xylene	0.0480	0.0250	1	10/28/24	11/01/24	
p,m-Xylene	0.110	0.0500	1	10/28/24	11/01/24	
Total Xylenes	0.158	0.0250	1	10/28/24	11/01/24	
Surrogate: Bromofluorobenzene		101 %	70-130	10/28/24	11/01/24	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130	10/28/24	11/01/24	
Surrogate: Toluene-d8		106 %	70-130	10/28/24	11/01/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444009
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/28/24	11/01/24	
Surrogate: Bromofluorobenzene		101 %	70-130	10/28/24	11/01/24	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130	10/28/24	11/01/24	
Surrogate: Toluene-d8		106 %	70-130	10/28/24	11/01/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2444017
Diesel Range Organics (C10-C28)	38.4	25.0	1	10/28/24	10/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/28/24	10/29/24	
Surrogate: n-Nonane		108 %	50-200	10/28/24	10/29/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2444050
Chloride	21700	1000	50	10/29/24	10/29/24	



Sample Data

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

Project Name: Pilum 15 Fee #2H Battery
Project Number: 21068-0001
Project Manager: Gio Gomez

Reported:
11/5/2024 10:31:07AM

S3-4'

E410333-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444009
Benzene	ND	0.0250	1	10/28/24	11/01/24	
Ethylbenzene	ND	0.0250	1	10/28/24	11/01/24	
Toluene	ND	0.0250	1	10/28/24	11/01/24	
o-Xylene	ND	0.0250	1	10/28/24	11/01/24	
p,m-Xylene	ND	0.0500	1	10/28/24	11/01/24	
Total Xylenes	ND	0.0250	1	10/28/24	11/01/24	
Surrogate: Bromofluorobenzene	99.1 %	70-130		10/28/24	11/01/24	
Surrogate: 1,2-Dichloroethane-d4	94.6 %	70-130		10/28/24	11/01/24	
Surrogate: Toluene-d8	105 %	70-130		10/28/24	11/01/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444009
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/28/24	11/01/24	
Surrogate: Bromofluorobenzene	99.1 %	70-130		10/28/24	11/01/24	
Surrogate: 1,2-Dichloroethane-d4	94.6 %	70-130		10/28/24	11/01/24	
Surrogate: Toluene-d8	105 %	70-130		10/28/24	11/01/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2444017
Diesel Range Organics (C10-C28)	42.1	25.0	1	10/28/24	10/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/28/24	10/29/24	
Surrogate: n-Nonane	105 %	50-200		10/28/24	10/29/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2444050
Chloride	22300	1000	50	10/29/24	10/29/24	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Pilum 15 Fee #2H Battery Project Number: 21068-0001 Project Manager: Gio Gomez	Reported: 11/5/2024 10:31:07AM
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S4-Surface
E410333-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444009
Benzene	ND	0.0250	1	10/28/24	11/01/24	
Ethylbenzene	ND	0.0250	1	10/28/24	11/01/24	
Toluene	ND	0.0250	1	10/28/24	11/01/24	
o-Xylene	ND	0.0250	1	10/28/24	11/01/24	
p,m-Xylene	ND	0.0500	1	10/28/24	11/01/24	
Total Xylenes	ND	0.0250	1	10/28/24	11/01/24	
Surrogate: Bromofluorobenzene	99.6 %	70-130		10/28/24	11/01/24	
Surrogate: 1,2-Dichloroethane-d4	94.8 %	70-130		10/28/24	11/01/24	
Surrogate: Toluene-d8	105 %	70-130		10/28/24	11/01/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444009
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/28/24	11/01/24	
Surrogate: Bromofluorobenzene	99.6 %	70-130		10/28/24	11/01/24	
Surrogate: 1,2-Dichloroethane-d4	94.8 %	70-130		10/28/24	11/01/24	
Surrogate: Toluene-d8	105 %	70-130		10/28/24	11/01/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2444017
Diesel Range Organics (C10-C28)	32.6	25.0	1	10/28/24	10/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/28/24	10/29/24	
Surrogate: n-Nonane	114 %	50-200		10/28/24	10/29/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2444050
Chloride	19300	400	20	10/29/24	10/29/24	



Sample Data

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

Project Name: Pilum 15 Fee #2H Battery
Project Number: 21068-0001
Project Manager: Gio Gomez

Reported:
11/5/2024 10:31:07AM

S4-2'

E410333-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444009
Benzene	ND	0.0250	1	10/28/24	11/01/24	
Ethylbenzene	ND	0.0250	1	10/28/24	11/01/24	
Toluene	ND	0.0250	1	10/28/24	11/01/24	
o-Xylene	ND	0.0250	1	10/28/24	11/01/24	
p,m-Xylene	ND	0.0500	1	10/28/24	11/01/24	
Total Xylenes	ND	0.0250	1	10/28/24	11/01/24	
Surrogate: Bromofluorobenzene	96.0 %	70-130		10/28/24	11/01/24	
Surrogate: 1,2-Dichloroethane-d4	94.3 %	70-130		10/28/24	11/01/24	
Surrogate: Toluene-d8	104 %	70-130		10/28/24	11/01/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444009
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/28/24	11/01/24	
Surrogate: Bromofluorobenzene	96.0 %	70-130		10/28/24	11/01/24	
Surrogate: 1,2-Dichloroethane-d4	94.3 %	70-130		10/28/24	11/01/24	
Surrogate: Toluene-d8	104 %	70-130		10/28/24	11/01/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2444017
Diesel Range Organics (C10-C28)	ND	25.0	1	10/28/24	10/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/28/24	10/29/24	
Surrogate: n-Nonane	115 %	50-200		10/28/24	10/29/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2444050
Chloride	2800	40.0	2	10/29/24	10/29/24	



Sample Data

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

Project Name: Pilum 15 Fee #2H Battery
Project Number: 21068-0001
Project Manager: Gio Gomez

Reported:
11/5/2024 10:31:07AM

S4-4'

E410333-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444009
Benzene	ND	0.0250	1	10/28/24	11/01/24	
Ethylbenzene	ND	0.0250	1	10/28/24	11/01/24	
Toluene	ND	0.0250	1	10/28/24	11/01/24	
o-Xylene	ND	0.0250	1	10/28/24	11/01/24	
p,m-Xylene	ND	0.0500	1	10/28/24	11/01/24	
Total Xylenes	ND	0.0250	1	10/28/24	11/01/24	
Surrogate: Bromofluorobenzene		102 %	70-130	10/28/24	11/01/24	
Surrogate: 1,2-Dichloroethane-d4		92.1 %	70-130	10/28/24	11/01/24	
Surrogate: Toluene-d8		101 %	70-130	10/28/24	11/01/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444009
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/28/24	11/01/24	
Surrogate: Bromofluorobenzene		102 %	70-130	10/28/24	11/01/24	
Surrogate: 1,2-Dichloroethane-d4		92.1 %	70-130	10/28/24	11/01/24	
Surrogate: Toluene-d8		101 %	70-130	10/28/24	11/01/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2444017
Diesel Range Organics (C10-C28)	ND	25.0	1	10/28/24	10/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/28/24	10/30/24	
Surrogate: n-Nonane		106 %	50-200	10/28/24	10/30/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2444050
Chloride	2420	40.0	2	10/29/24	10/29/24	



Sample Data

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

Project Name: Pilum 15 Fee #2H Battery
Project Number: 21068-0001
Project Manager: Gio Gomez

Reported:
11/5/2024 10:31:07AM

S5-Surface

E410333-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444009
Benzene	ND	0.0250	1	10/28/24	11/01/24	
Ethylbenzene	ND	0.0250	1	10/28/24	11/01/24	
Toluene	ND	0.0250	1	10/28/24	11/01/24	
o-Xylene	ND	0.0250	1	10/28/24	11/01/24	
p,m-Xylene	ND	0.0500	1	10/28/24	11/01/24	
Total Xylenes	ND	0.0250	1	10/28/24	11/01/24	
Surrogate: Bromofluorobenzene	97.7 %	70-130		10/28/24	11/01/24	
Surrogate: 1,2-Dichloroethane-d4	94.0 %	70-130		10/28/24	11/01/24	
Surrogate: Toluene-d8	103 %	70-130		10/28/24	11/01/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444009
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/28/24	11/01/24	
Surrogate: Bromofluorobenzene	97.7 %	70-130		10/28/24	11/01/24	
Surrogate: 1,2-Dichloroethane-d4	94.0 %	70-130		10/28/24	11/01/24	
Surrogate: Toluene-d8	103 %	70-130		10/28/24	11/01/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2444017
Diesel Range Organics (C10-C28)	38.3	25.0	1	10/28/24	10/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/28/24	10/30/24	
Surrogate: n-Nonane	105 %	50-200		10/28/24	10/30/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2444050
Chloride	11400	200	10	10/29/24	10/29/24	



Sample Data

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

Project Name: Pilum 15 Fee #2H Battery
Project Number: 21068-0001
Project Manager: Gio Gomez

Reported:
11/5/2024 10:31:07AM

S5-2'

E410333-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444009
Benzene	0.0535	0.0250	1	10/28/24	11/01/24	
Ethylbenzene	0.746	0.0250	1	10/28/24	11/01/24	
Toluene	0.730	0.0250	1	10/28/24	11/01/24	
o-Xylene	0.396	0.0250	1	10/28/24	11/01/24	
p,m-Xylene	0.956	0.0500	1	10/28/24	11/01/24	
Total Xylenes	1.35	0.0250	1	10/28/24	11/01/24	
Surrogate: Bromofluorobenzene	99.4 %	70-130		10/28/24	11/01/24	
Surrogate: 1,2-Dichloroethane-d4	95.8 %	70-130		10/28/24	11/01/24	
Surrogate: Toluene-d8	106 %	70-130		10/28/24	11/01/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444009
Gasoline Range Organics (C6-C10)	22.4	20.0	1	10/28/24	11/01/24	
Surrogate: Bromofluorobenzene	99.4 %	70-130		10/28/24	11/01/24	
Surrogate: 1,2-Dichloroethane-d4	95.8 %	70-130		10/28/24	11/01/24	
Surrogate: Toluene-d8	106 %	70-130		10/28/24	11/01/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2444017
Diesel Range Organics (C10-C28)	428	25.0	1	10/28/24	10/30/24	
Oil Range Organics (C28-C36)	186	50.0	1	10/28/24	10/30/24	
Surrogate: n-Nonane	108 %	50-200		10/28/24	10/30/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2444050
Chloride	22100	400	20	10/29/24	10/29/24	



Sample Data

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

Project Name: Pilum 15 Fee #2H Battery
Project Number: 21068-0001
Project Manager: Gio Gomez

Reported:
11/5/2024 10:31:07AM

S5-4'

E410333-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444009
Benzene	ND	0.0250	1	10/28/24	11/01/24	
Ethylbenzene	ND	0.0250	1	10/28/24	11/01/24	
Toluene	ND	0.0250	1	10/28/24	11/01/24	
o-Xylene	ND	0.0250	1	10/28/24	11/01/24	
p,m-Xylene	ND	0.0500	1	10/28/24	11/01/24	
Total Xylenes	ND	0.0250	1	10/28/24	11/01/24	
Surrogate: Bromofluorobenzene		100 %	70-130	10/28/24	11/01/24	
Surrogate: 1,2-Dichloroethane-d4		96.0 %	70-130	10/28/24	11/01/24	
Surrogate: Toluene-d8		104 %	70-130	10/28/24	11/01/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444009
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/28/24	11/01/24	
Surrogate: Bromofluorobenzene		100 %	70-130	10/28/24	11/01/24	
Surrogate: 1,2-Dichloroethane-d4		96.0 %	70-130	10/28/24	11/01/24	
Surrogate: Toluene-d8		104 %	70-130	10/28/24	11/01/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2444017
Diesel Range Organics (C10-C28)	176	25.0	1	10/28/24	10/30/24	
Oil Range Organics (C28-C36)	85.9	50.0	1	10/28/24	10/30/24	
Surrogate: n-Nonane		107 %	50-200	10/28/24	10/30/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2444050
Chloride	14200	400	20	10/29/24	10/29/24	



Sample Data

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

Project Name: Pilum 15 Fee #2H Battery
Project Number: 21068-0001
Project Manager: Gio Gomez

Reported:
11/5/2024 10:31:07AM

S6-Surface

E410333-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444009
Benzene	ND	0.0250	1	10/28/24	11/01/24	
Ethylbenzene	ND	0.0250	1	10/28/24	11/01/24	
Toluene	ND	0.0250	1	10/28/24	11/01/24	
o-Xylene	ND	0.0250	1	10/28/24	11/01/24	
p,m-Xylene	ND	0.0500	1	10/28/24	11/01/24	
Total Xylenes	ND	0.0250	1	10/28/24	11/01/24	
Surrogate: Bromofluorobenzene		100 %	70-130	10/28/24	11/01/24	
Surrogate: 1,2-Dichloroethane-d4		93.5 %	70-130	10/28/24	11/01/24	
Surrogate: Toluene-d8		103 %	70-130	10/28/24	11/01/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444009
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/28/24	11/01/24	
Surrogate: Bromofluorobenzene		100 %	70-130	10/28/24	11/01/24	
Surrogate: 1,2-Dichloroethane-d4		93.5 %	70-130	10/28/24	11/01/24	
Surrogate: Toluene-d8		103 %	70-130	10/28/24	11/01/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2444017
Diesel Range Organics (C10-C28)	48.4	25.0	1	10/28/24	10/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/28/24	10/30/24	
Surrogate: n-Nonane		112 %	50-200	10/28/24	10/30/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2444050
Chloride	14500	400	20	10/29/24	10/29/24	



Sample Data

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

Project Name: Pilum 15 Fee #2H Battery
Project Number: 21068-0001
Project Manager: Gio Gomez

Reported:
11/5/2024 10:31:07AM

S6-2'

E410333-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444009
Benzene	ND	0.0250	1	10/28/24	11/01/24	
Ethylbenzene	0.737	0.0250	1	10/28/24	11/01/24	
Toluene	0.221	0.0250	1	10/28/24	11/01/24	
o-Xylene	0.608	0.0250	1	10/28/24	11/01/24	
p,m-Xylene	1.13	0.0500	1	10/28/24	11/01/24	
Total Xylenes	1.74	0.0250	1	10/28/24	11/01/24	
Surrogate: Bromofluorobenzene		103 %	70-130	10/28/24	11/01/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	10/28/24	11/01/24	
Surrogate: Toluene-d8		106 %	70-130	10/28/24	11/01/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444009
Gasoline Range Organics (C6-C10)	29.4	20.0	1	10/28/24	11/01/24	
Surrogate: Bromofluorobenzene		103 %	70-130	10/28/24	11/01/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	10/28/24	11/01/24	
Surrogate: Toluene-d8		106 %	70-130	10/28/24	11/01/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2444017
Diesel Range Organics (C10-C28)	4740	500	20	10/28/24	10/30/24	
Oil Range Organics (C28-C36)	1760	1000	20	10/28/24	10/30/24	
Surrogate: n-Nonane		159 %	50-200	10/28/24	10/30/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2444050
Chloride	17300	400	20	10/29/24	10/29/24	



Sample Data

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

Project Name: Pilum 15 Fee #2H Battery
Project Number: 21068-0001
Project Manager: Gio Gomez

Reported:
11/5/2024 10:31:07AM

S6-4'

E410333-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444009
Benzene	ND	0.0250	1	10/28/24	11/01/24	
Ethylbenzene	ND	0.0250	1	10/28/24	11/01/24	
Toluene	ND	0.0250	1	10/28/24	11/01/24	
o-Xylene	ND	0.0250	1	10/28/24	11/01/24	
p,m-Xylene	ND	0.0500	1	10/28/24	11/01/24	
Total Xylenes	ND	0.0250	1	10/28/24	11/01/24	
Surrogate: Bromofluorobenzene	95.5 %	70-130		10/28/24	11/01/24	
Surrogate: 1,2-Dichloroethane-d4	91.5 %	70-130		10/28/24	11/01/24	
Surrogate: Toluene-d8	104 %	70-130		10/28/24	11/01/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444009
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/28/24	11/01/24	
Surrogate: Bromofluorobenzene	95.5 %	70-130		10/28/24	11/01/24	
Surrogate: 1,2-Dichloroethane-d4	91.5 %	70-130		10/28/24	11/01/24	
Surrogate: Toluene-d8	104 %	70-130		10/28/24	11/01/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2444017
Diesel Range Organics (C10-C28)	ND	25.0	1	10/28/24	10/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/28/24	10/30/24	
Surrogate: n-Nonane	107 %	50-200		10/28/24	10/30/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2444050
Chloride	15300	400	20	10/29/24	10/29/24	



Sample Data

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

Project Name: Pilum 15 Fee #2H Battery
Project Number: 21068-0001
Project Manager: Gio Gomez

Reported:
11/5/2024 10:31:07AM

S7-Surface

E410333-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444009
Benzene	ND	0.0250	1	10/28/24	11/01/24	
Ethylbenzene	ND	0.0250	1	10/28/24	11/01/24	
Toluene	ND	0.0250	1	10/28/24	11/01/24	
o-Xylene	ND	0.0250	1	10/28/24	11/01/24	
p,m-Xylene	ND	0.0500	1	10/28/24	11/01/24	
Total Xylenes	ND	0.0250	1	10/28/24	11/01/24	
Surrogate: Bromofluorobenzene	99.8 %	70-130		10/28/24	11/01/24	
Surrogate: 1,2-Dichloroethane-d4	98.4 %	70-130		10/28/24	11/01/24	
Surrogate: Toluene-d8	106 %	70-130		10/28/24	11/01/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444009
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/28/24	11/01/24	
Surrogate: Bromofluorobenzene	99.8 %	70-130		10/28/24	11/01/24	
Surrogate: 1,2-Dichloroethane-d4	98.4 %	70-130		10/28/24	11/01/24	
Surrogate: Toluene-d8	106 %	70-130		10/28/24	11/01/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2444017
Diesel Range Organics (C10-C28)	62.3	25.0	1	10/28/24	10/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/28/24	10/30/24	
Surrogate: n-Nonane	107 %	50-200		10/28/24	10/30/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2444050
Chloride	11900	200	10	10/29/24	10/29/24	



Sample Data

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

Project Name: Pilum 15 Fee #2H Battery
Project Number: 21068-0001
Project Manager: Gio Gomez

Reported:
11/5/2024 10:31:07AM

S7-2'

E410333-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444009
Benzene	ND	0.0250	1	10/28/24	11/01/24	
Ethylbenzene	ND	0.0250	1	10/28/24	11/01/24	
Toluene	ND	0.0250	1	10/28/24	11/01/24	
o-Xylene	ND	0.0250	1	10/28/24	11/01/24	
p,m-Xylene	ND	0.0500	1	10/28/24	11/01/24	
Total Xylenes	ND	0.0250	1	10/28/24	11/01/24	
Surrogate: Bromofluorobenzene	97.4 %	70-130		10/28/24	11/01/24	
Surrogate: 1,2-Dichloroethane-d4	97.3 %	70-130		10/28/24	11/01/24	
Surrogate: Toluene-d8	103 %	70-130		10/28/24	11/01/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2444009
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/28/24	11/01/24	
Surrogate: Bromofluorobenzene	97.4 %	70-130		10/28/24	11/01/24	
Surrogate: 1,2-Dichloroethane-d4	97.3 %	70-130		10/28/24	11/01/24	
Surrogate: Toluene-d8	103 %	70-130		10/28/24	11/01/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2444017
Diesel Range Organics (C10-C28)	211	25.0	1	10/28/24	10/30/24	
Oil Range Organics (C28-C36)	91.5	50.0	1	10/28/24	10/30/24	
Surrogate: n-Nonane	108 %	50-200		10/28/24	10/30/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2444050
Chloride	13500	200	10	10/29/24	10/29/24	



Sample Data

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

Project Name: Pilum 15 Fee #2H Battery
Project Number: 21068-0001
Project Manager: Gio Gomez

Reported:
11/5/2024 10:31:07AM

S7-4'

E410333-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2444007
Benzene	ND	0.0250	1	10/27/24	10/30/24	
Ethylbenzene	ND	0.0250	1	10/27/24	10/30/24	
Toluene	ND	0.0250	1	10/27/24	10/30/24	
o-Xylene	ND	0.0250	1	10/27/24	10/30/24	
p,m-Xylene	ND	0.0500	1	10/27/24	10/30/24	
Total Xylenes	ND	0.0250	1	10/27/24	10/30/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		110 %	70-130	10/27/24	10/30/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2444007
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/27/24	10/30/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		89.3 %	70-130	10/27/24	10/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2444008
Diesel Range Organics (C10-C28)	316	25.0	1	10/28/24	10/29/24	
Oil Range Organics (C28-C36)	168	50.0	1	10/28/24	10/29/24	
<i>Surrogate: n-Nonane</i>						
		98.7 %	50-200	10/28/24	10/29/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2444030
Chloride	17800	200	10	10/28/24	10/29/24	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Pilum 15 Fee #2H Battery	Reported:
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/5/2024 10:31:07AM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2444009-BLK1)

Prepared: 10/28/24 Analyzed: 11/01/24

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	0.499		0.500		99.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.474		0.500		94.7	70-130			
Surrogate: Toluene-d8	0.516		0.500		103	70-130			

LCS (2444009-BS1)

Prepared: 10/28/24 Analyzed: 11/01/24

Benzene	2.39	0.0250	2.50		95.4	70-130			
Ethylbenzene	2.64	0.0250	2.50		106	70-130			
Toluene	2.55	0.0250	2.50		102	70-130			
o-Xylene	2.67	0.0250	2.50		107	70-130			
p,m-Xylene	5.38	0.0500	5.00		108	70-130			
Total Xylenes	8.06	0.0250	7.50		107	70-130			
Surrogate: Bromofluorobenzene	0.487		0.500		97.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.464		0.500		92.8	70-130			
Surrogate: Toluene-d8	0.517		0.500		103	70-130			

LCS Dup (2444009-BSD1)

Prepared: 10/28/24 Analyzed: 11/01/24

Benzene	2.19	0.0250	2.50		87.6	70-130	8.61	23	
Ethylbenzene	2.38	0.0250	2.50		95.2	70-130	10.4	27	
Toluene	2.32	0.0250	2.50		92.9	70-130	9.22	24	
o-Xylene	2.45	0.0250	2.50		97.9	70-130	8.87	27	
p,m-Xylene	4.89	0.0500	5.00		97.8	70-130	9.56	27	
Total Xylenes	7.34	0.0250	7.50		97.9	70-130	9.33	27	
Surrogate: Bromofluorobenzene	0.484		0.500		96.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.477		0.500		95.3	70-130			
Surrogate: Toluene-d8	0.515		0.500		103	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Pilum 15 Fee #2H Battery Project Number: 21068-0001 Project Manager: Gio Gomez	Reported: 11/5/2024 10:31:07AM
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Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2444007-BLK1)

Prepared: 10/27/24 Analyzed: 10/29/24

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	8.15		8.00		102	70-130			

LCS (2444007-BS1)

Prepared: 10/27/24 Analyzed: 10/29/24

Benzene	5.63	0.0250	5.00		113	70-130			
Ethylbenzene	5.39	0.0250	5.00		108	70-130			
Toluene	5.54	0.0250	5.00		111	70-130			
o-Xylene	5.40	0.0250	5.00		108	70-130			
p,m-Xylene	10.9	0.0500	10.0		109	70-130			
Total Xylenes	16.3	0.0250	15.0		109	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.19		8.00		102	70-130			

LCS Dup (2444007-BS1)

Prepared: 10/27/24 Analyzed: 10/30/24

Benzene	5.28	0.0250	5.00		106	70-130	6.43	20	
Ethylbenzene	5.07	0.0250	5.00		101	70-130	6.05	20	
Toluene	5.19	0.0250	5.00		104	70-130	6.42	20	
o-Xylene	5.08	0.0250	5.00		102	70-130	6.12	20	
p,m-Xylene	10.3	0.0500	10.0		103	70-130	5.89	20	
Total Xylenes	15.4	0.0250	15.0		103	70-130	5.96	20	
Surrogate: 4-Bromochlorobenzene-PID	8.20		8.00		103	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Pilum 15 Fee #2H Battery	Reported:
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/5/2024 10:31:07AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2444007-BLK1) Prepared: 10/27/24 Analyzed: 10/29/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.04		8.00		88.0	70-130			

LCS (2444007-BS2) Prepared: 10/27/24 Analyzed: 10/30/24

Gasoline Range Organics (C6-C10)	44.6	20.0	50.0		89.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.09		8.00		88.6	70-130			

LCS Dup (2444007-BSD2) Prepared: 10/27/24 Analyzed: 10/30/24

Gasoline Range Organics (C6-C10)	42.8	20.0	50.0		85.6	70-130	4.10	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.13		8.00		89.2	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Pilum 15 Fee #2H Battery	Reported:
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/5/2024 10:31:07AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

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

Blank (2444009-BLK1) Prepared: 10/28/24 Analyzed: 11/01/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.499		0.500		99.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.474		0.500		94.7	70-130			
Surrogate: Toluene-d8	0.516		0.500		103	70-130			

LCS (2444009-BS2) Prepared: 10/28/24 Analyzed: 11/01/24

Gasoline Range Organics (C6-C10)	53.6	20.0	50.0		107	70-130			
Surrogate: Bromofluorobenzene	0.497		0.500		99.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.468		0.500		93.6	70-130			
Surrogate: Toluene-d8	0.545		0.500		109	70-130			

LCS Dup (2444009-BSD2) Prepared: 10/28/24 Analyzed: 11/01/24

Gasoline Range Organics (C6-C10)	57.9	20.0	50.0		116	70-130	7.70	20	
Surrogate: Bromofluorobenzene	0.509		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.484		0.500		96.7	70-130			
Surrogate: Toluene-d8	0.530		0.500		106	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Pilum 15 Fee #2H Battery	Reported:
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/5/2024 10:31:07AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2444008-BLK1)					Prepared: 10/28/24 Analyzed: 10/28/24				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.2		50.0		104	50-200			

LCS (2444008-BS1)					Prepared: 10/28/24 Analyzed: 10/28/24				
Diesel Range Organics (C10-C28)	257	25.0	250		103	38-132			
Surrogate: n-Nonane	50.4		50.0		101	50-200			

LCS Dup (2444008-BSD1)					Prepared: 10/28/24 Analyzed: 10/28/24				
Diesel Range Organics (C10-C28)	248	25.0	250		99.0	38-132	3.80	20	
Surrogate: n-Nonane	48.3		50.0		96.6	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Pilum 15 Fee #2H Battery	Reported:
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/5/2024 10:31:07AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

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

Blank (2444017-BLK1) Prepared: 10/28/24 Analyzed: 10/29/24

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	61.0		50.0		122	50-200			

LCS (2444017-BS1) Prepared: 10/28/24 Analyzed: 10/29/24

Diesel Range Organics (C10-C28)	294	25.0	250		118	38-132			
Surrogate: n-Nonane	56.8		50.0		114	50-200			

LCS Dup (2444017-BSD1) Prepared: 10/28/24 Analyzed: 10/29/24

Diesel Range Organics (C10-C28)	296	25.0	250		119	38-132	0.738	20	
Surrogate: n-Nonane	57.5		50.0		115	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Pilum 15 Fee #2H Battery	Reported:
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/5/2024 10:31:07AM

Anions by EPA 300.0/9056A

Analyst: JM

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

Blank (2444030-BLK1)					Prepared: 10/28/24 Analyzed: 10/29/24				
Chloride	ND	20.0							
LCS (2444030-BS1)					Prepared: 10/28/24 Analyzed: 10/29/24				
Chloride	254	20.0	250		102	90-110			
LCS Dup (2444030-BSD1)					Prepared: 10/28/24 Analyzed: 10/29/24				
Chloride	253	20.0	250		101	90-110	0.323	20	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Pilum 15 Fee #2H Battery	Reported:
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/5/2024 10:31:07AM

Anions by EPA 300.0/9056A

Analyst: DT

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

Blank (2444050-BLK1)					Prepared: 10/29/24 Analyzed: 10/29/24				
Chloride	ND	20.0							
LCS (2444050-BS1)					Prepared: 10/29/24 Analyzed: 10/29/24				
Chloride	256	20.0	250		102	90-110			
LCS Dup (2444050-BSD1)					Prepared: 10/29/24 Analyzed: 10/29/24				
Chloride	256	20.0	250		102	90-110	0.107	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:	Pilum 15 Fee #2H Battery	
PO Box 247	Project Number:	21068-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	11/05/24 10:31

- ND Analyte NOT DETECTED at or above the reporting limit
 - NR Not Reported
 - RPD Relative Percent Difference
 - DNI Did Not Ignite
 - DNR Did not react with the addition of acid or base.
- Note (1): Methods marked with ** are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Project Information

Chain of Custody

Page 1 of 3

Client: <u>Pima Environmental Services</u> Project: <u>P10m 15 Fee # 24 Battery</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>Spur</u> Address: _____ City, State, Zip: _____ Phone: _____ Email: _____ Pima Project # <u>6-364</u>					Lab Use Only Lab WO# <u>E410333</u> Job Number <u>2106780001</u> Analysis and Method DRO/ORO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDOC NM BGDOC TX					TAT 1D 2D 3D Standard X				EPA Program CWA SDWA RCRA State NM CO UT AZ TX X	
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						
8:15	10/24	S		S1-Surface	1							X								
8:17				S1-2'	2															
8:23				S1-4'	3															
8:29				S2-Surface	4															
8:36				S2-2'	5															
8:42				S2-4'	6															
8:54				S3-Surface	7															
9:07				S3-2'	8															
9:11				S3-4'	9															
9:16				S4-Surface	10															
Additional Instructions: <u>Billing # 7010-7410, 999 283</u>																				
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																				
Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 5 °C on subsequent days.																				
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only												
<u>Kurina Adams</u>		10-25-24	4:35	<u>[Signature]</u>		10-25-24	4:35	Received on ice: <u>Y</u> / N												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 T2 T3												
<u>[Signature]</u>		10-25-24	6:15	<u>[Signature]</u>		10/25/24	6:15													
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	AVG Temp °C												
<u>[Signature]</u>		10/25/24	2:30	<u>Cathy Man</u>		10-28-24	8:00	<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.																				


envirotech

Project Information

Chain of Custody

Page 2 of 3

Client: Pima Environmental Services					Bill To		Lab Use Only		TAT				EPA Program	
Project: <u>PPLUM 15 Rec #2H Battery</u>					Attention: <u>SPDR</u>		Lab WO# <u>410333</u> Job Number <u>210680001</u>		1D	2D	3D	Standard	CWA	SDWA
Project Manager: <u>Gio Gomez</u>					Address:		Analysis and Method							
Address: <u>5614 N. Lovington Hwy.</u>					City, State, Zip									RCRA
City, State, Zip <u>Hobbs, NM, 88240</u>					Phone:									
Phone: <u>806-782-1151</u>					Email:									
Email: <u>gio@pimaoil.com</u>					Pima Project # <u>6-364</u>									
Report due by:														

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
9:20	10/24	S		S4-2'	11							X		
9:28				S4-4'	12									
9:35				S5-Surface	13									
9:43				S5-2'	14									
9:52				S5-4'	15									
9:58				S6-Surface	16									
10:11				S6-2'	17									
10:17				S6-4'	18									
10:26				S7-Surface	19									
10:31				S7-2'	20									

Additional Instructions: Billing #7010-7410,999283

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) Carime Adams Date 10/25/24 Time 1435 Received by: (Signature) [Signature] Date 10/25/24 Time 1435

Relinquished by: (Signature) [Signature] Date 10/25/24 Time 1615 Received by: (Signature) [Signature] Date 10/25/24 Time 1615

Relinquished by: (Signature) [Signature] Date 10/25/24 Time 2230 Received by: (Signature) Carth Mar Date 10/28/24 Time 8:00

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.

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

Lab Use Only
Received on ice: (Y) N
T1 _____ T2 _____ T3 _____
AVG Temp °C 9

Chain of Custody



Envirotech Analytical Laboratory

Printed: 10/28/2024 12:58:05PM

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:	10/28/24 08:00	Work Order ID:	E410333
Phone:	(575) 631-6977	Date Logged In:	10/25/24 15:32	Logged In By:	Caitlin Mars
Email:	gio@pimaoil.com	Due Date:	11/01/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/Resolution

No of containers and sampled by missing on COC.

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

November 26, 2024

SEBASTIAN OROZCO

PIMA ENVIROMENTAL

1601 N TURNER STE. 500

HOBBS, NM 88240

RE: PILUM 15 FEE 2H BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 11/20/24 10:57.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Mike Snyder". The signature is fluid and cursive, with the first name "Mike" and last name "Snyder" clearly distinguishable.

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
SEBASTIAN OROZCO
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 11/20/2024
Reported: 11/26/2024
Project Name: PILUM 15 FEE 2H BATTERY
Project Number: 6-364
Project Location: EDDY COUNTY

Sampling Date: 11/15/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S 1 - 5' (H247074-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2024	ND	2.09	104	2.00	5.47	
Toluene*	<0.050	0.050	11/21/2024	ND	2.03	102	2.00	4.18	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.11	106	2.00	1.96	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.24	104	6.00	1.65	
Total BTX	<0.300	0.300	11/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	22800	16.0	11/22/2024	ND	448	112	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2024	ND	213	106	200	6.10	
DRO >C10-C28*	<10.0	10.0	11/21/2024	ND	210	105	200	3.96	
EXT DRO >C28-C36	<10.0	10.0	11/21/2024	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.5 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
SEBASTIAN OROZCO
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 11/20/2024
Reported: 11/26/2024
Project Name: PILUM 15 FEE 2H BATTERY
Project Number: 6-364
Project Location: EDDY COUNTY

Sampling Date: 11/15/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S 1 - 8' (H247074-02)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2024	ND	2.09	104	2.00	5.47	
Toluene*	<0.050	0.050	11/21/2024	ND	2.03	102	2.00	4.18	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.11	106	2.00	1.96	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.24	104	6.00	1.65	
Total BTEX	<0.300	0.300	11/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2240	16.0	11/22/2024	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2024	ND	213	106	200	6.10	
DRO >C10-C28*	<10.0	10.0	11/21/2024	ND	210	105	200	3.96	
EXT DRO >C28-C36	<10.0	10.0	11/21/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.2 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
SEBASTIAN OROZCO
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 11/20/2024
Reported: 11/26/2024
Project Name: PILUM 15 FEE 2H BATTERY
Project Number: 6-364
Project Location: EDDY COUNTY

Sampling Date: 11/15/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S 1 - 11' (H247074-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2024	ND	2.09	104	2.00	5.47	
Toluene*	<0.050	0.050	11/21/2024	ND	2.03	102	2.00	4.18	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.11	106	2.00	1.96	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.24	104	6.00	1.65	
Total BTEX	<0.300	0.300	11/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2120	16.0	11/22/2024	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2024	ND	213	106	200	6.10	
DRO >C10-C28*	<10.0	10.0	11/21/2024	ND	210	105	200	3.96	
EXT DRO >C28-C36	<10.0	10.0	11/21/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.7 % 49.1-148

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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
SEBASTIAN OROZCO
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 11/20/2024
Reported: 11/26/2024
Project Name: PILUM 15 FEE 2H BATTERY
Project Number: 6-364
Project Location: EDDY COUNTY

Sampling Date: 11/15/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S 1 - 13' (H247074-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/21/2024	ND	2.09	104	2.00	5.47		
Toluene*	<0.050	0.050	11/21/2024	ND	2.03	102	2.00	4.18		
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.11	106	2.00	1.96		
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.24	104	6.00	1.65		
Total BTEx	<0.300	0.300	11/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2600	16.0	11/22/2024	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	209	104	200	2.65	
DRO >C10-C28*	<10.0	10.0	11/20/2024	ND	185	92.5	200	6.45	
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND					

Surrogate: 1-Chlorooctane 76.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.9 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
SEBASTIAN OROZCO
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 11/20/2024
Reported: 11/26/2024
Project Name: PILUM 15 FEE 2H BATTERY
Project Number: 6-364
Project Location: EDDY COUNTY

Sampling Date: 11/15/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S 1 - 15' (H247074-05)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/21/2024	ND	2.09	104	2.00	5.47		
Toluene*	<0.050	0.050	11/21/2024	ND	2.03	102	2.00	4.18		
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.11	106	2.00	1.96		
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.24	104	6.00	1.65		
Total BTX	<0.300	0.300	11/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	11/22/2024	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	209	104	200	2.65	
DRO >C10-C28*	<10.0	10.0	11/20/2024	ND	185	92.5	200	6.45	
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND					

Surrogate: 1-Chlorooctane 84.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.2 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
SEBASTIAN OROZCO
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 11/20/2024
Reported: 11/26/2024
Project Name: PILUM 15 FEE 2H BATTERY
Project Number: 6-364
Project Location: EDDY COUNTY

Sampling Date: 11/15/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S 1 - 20' (H247074-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/21/2024	ND	2.09	104	2.00	5.47		
Toluene*	<0.050	0.050	11/21/2024	ND	2.03	102	2.00	4.18		
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.11	106	2.00	1.96		
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.24	104	6.00	1.65		
Total BTEx	<0.300	0.300	11/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/22/2024	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	209	104	200	2.65	
DRO >C10-C28*	<10.0	10.0	11/20/2024	ND	185	92.5	200	6.45	
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND					

Surrogate: 1-Chlorooctane 91.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.8 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PIMA ENVIROMENTAL
SEBASTIAN OROZCO
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 11/20/2024
Reported: 11/26/2024
Project Name: PILUM 15 FEE 2H BATTERY
Project Number: 6-364
Project Location: EDDY COUNTY

Sampling Date: 11/15/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S 2 - 5' (H247074-07)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2024	ND	2.09	104	2.00	5.47	
Toluene*	<0.050	0.050	11/21/2024	ND	2.03	102	2.00	4.18	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.11	106	2.00	1.96	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.24	104	6.00	1.65	
Total BTEx	<0.300	0.300	11/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1144	16.0	11/22/2024	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	209	104	200	2.65	
DRO >C10-C28*	<10.0	10.0	11/20/2024	ND	185	92.5	200	6.45	
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND					

Surrogate: 1-Chlorooctane 86.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.2 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
SEBASTIAN OROZCO
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 11/20/2024
Reported: 11/26/2024
Project Name: PILUM 15 FEE 2H BATTERY
Project Number: 6-364
Project Location: EDDY COUNTY

Sampling Date: 11/15/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S 2 - 7' (H247074-08)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2024	ND	2.09	104	2.00	5.47	
Toluene*	<0.050	0.050	11/21/2024	ND	2.03	102	2.00	4.18	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.11	106	2.00	1.96	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.24	104	6.00	1.65	
Total BTEX	<0.300	0.300	11/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 121 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1176	16.0	11/22/2024	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	209	104	200	2.65	
DRO >C10-C28*	<10.0	10.0	11/20/2024	ND	185	92.5	200	6.45	
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND					

Surrogate: 1-Chlorooctane 75.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.0 % 49.1-148

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Analytical Results For:

PIMA ENVIROMENTAL
SEBASTIAN OROZCO
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 11/20/2024
Reported: 11/26/2024
Project Name: PILUM 15 FEE 2H BATTERY
Project Number: 6-364
Project Location: EDDY COUNTY

Sampling Date: 11/15/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S 2 - 9' (H247074-09)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2024	ND	2.09	104	2.00	5.47	
Toluene*	<0.050	0.050	11/21/2024	ND	2.03	102	2.00	4.18	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.11	106	2.00	1.96	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.24	104	6.00	1.65	
Total BTEX	<0.300	0.300	11/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	641	16.0	11/22/2024	ND	448	112	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	209	104	200	2.65	
DRO >C10-C28*	<10.0	10.0	11/20/2024	ND	185	92.5	200	6.45	
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND					

Surrogate: 1-Chlorooctane 86.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.9 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
SEBASTIAN OROZCO
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 11/20/2024
Reported: 11/26/2024
Project Name: PILUM 15 FEE 2H BATTERY
Project Number: 6-364
Project Location: EDDY COUNTY

Sampling Date: 11/15/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S 2 - 10' (H247074-10)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2024	ND	2.09	104	2.00	5.47	
Toluene*	<0.050	0.050	11/21/2024	ND	2.03	102	2.00	4.18	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.11	106	2.00	1.96	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.24	104	6.00	1.65	
Total BTX	<0.300	0.300	11/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	481	16.0	11/22/2024	ND	448	112	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2024	ND	209	104	200	2.65	
DRO >C10-C28*	<10.0	10.0	11/21/2024	ND	185	92.5	200	6.45	
EXT DRO >C28-C36	<10.0	10.0	11/21/2024	ND					

Surrogate: 1-Chlorooctane 86.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.7 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
SEBASTIAN OROZCO
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 11/20/2024
Reported: 11/26/2024
Project Name: PILUM 15 FEE 2H BATTERY
Project Number: 6-364
Project Location: EDDY COUNTY

Sampling Date: 11/15/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S 2 - 12' (H247074-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/21/2024	ND	2.09	104	2.00	5.47		
Toluene*	<0.050	0.050	11/21/2024	ND	2.03	102	2.00	4.18		
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.11	106	2.00	1.96		
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.24	104	6.00	1.65		
Total BTEx	<0.300	0.300	11/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	11/22/2024	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2024	ND	209	104	200	2.65	
DRO >C10-C28*	<10.0	10.0	11/21/2024	ND	185	92.5	200	6.45	
EXT DRO >C28-C36	<10.0	10.0	11/21/2024	ND					

Surrogate: 1-Chlorooctane 86.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.5 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received: 11/20/2024
 Reported: 11/26/2024
 Project Name: PILUM 15 FEE 2H BATTERY
 Project Number: 6-364
 Project Location: EDDY COUNTY

Sampling Date: 11/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: S 2 - 15' (H247074-12)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2024	ND	2.09	104	2.00	5.47	
Toluene*	<0.050	0.050	11/21/2024	ND	2.03	102	2.00	4.18	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.11	106	2.00	1.96	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.24	104	6.00	1.65	
Total BTEx	<0.300	0.300	11/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	11/22/2024	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2024	ND	209	104	200	2.65	
DRO >C10-C28*	<10.0	10.0	11/21/2024	ND	185	92.5	200	6.45	
EXT DRO >C28-C36	<10.0	10.0	11/21/2024	ND					

Surrogate: 1-Chlorooctane 89.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.6 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
SEBASTIAN OROZCO
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 11/20/2024
Reported: 11/26/2024
Project Name: PILUM 15 FEE 2H BATTERY
Project Number: 6-364
Project Location: EDDY COUNTY

Sampling Date: 11/15/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S 2 - 17' (H247074-13)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/21/2024	ND	2.09	104	2.00	5.47		
Toluene*	<0.050	0.050	11/21/2024	ND	2.03	102	2.00	4.18		
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.11	106	2.00	1.96		
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.24	104	6.00	1.65		
Total BTEx	<0.300	0.300	11/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/21/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2024	ND	209	104	200	2.65	
DRO >C10-C28*	<10.0	10.0	11/21/2024	ND	185	92.5	200	6.45	
EXT DRO >C28-C36	<10.0	10.0	11/21/2024	ND					

Surrogate: 1-Chlorooctane 80.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.1 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
SEBASTIAN OROZCO
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 11/20/2024
Reported: 11/26/2024
Project Name: PILUM 15 FEE 2H BATTERY
Project Number: 6-364
Project Location: EDDY COUNTY

Sampling Date: 11/15/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S 3 - 5' (H247074-14)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2024	ND	2.09	104	2.00	5.47	
Toluene*	<0.050	0.050	11/21/2024	ND	2.03	102	2.00	4.18	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.11	106	2.00	1.96	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.24	104	6.00	1.65	
Total BTEx	<0.300	0.300	11/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	7116	16.0	11/21/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2024	ND	209	104	200	2.65	
DRO >C10-C28*	<10.0	10.0	11/21/2024	ND	185	92.5	200	6.45	
EXT DRO >C28-C36	<10.0	10.0	11/21/2024	ND					

Surrogate: 1-Chlorooctane 81.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.3 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
SEBASTIAN OROZCO
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 11/20/2024
Reported: 11/26/2024
Project Name: PILUM 15 FEE 2H BATTERY
Project Number: 6-364
Project Location: EDDY COUNTY

Sampling Date: 11/15/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S 3 - 8' (H247074-15)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2024	ND	2.09	104	2.00	5.47	
Toluene*	<0.050	0.050	11/21/2024	ND	2.03	102	2.00	4.18	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.11	106	2.00	1.96	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.24	104	6.00	1.65	
Total BTEx	<0.300	0.300	11/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2240	16.0	11/21/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2024	ND	209	104	200	2.65	
DRO >C10-C28*	<10.0	10.0	11/21/2024	ND	185	92.5	200	6.45	
EXT DRO >C28-C36	<10.0	10.0	11/21/2024	ND					

Surrogate: 1-Chlorooctane 84.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.4 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
SEBASTIAN OROZCO
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 11/20/2024
Reported: 11/26/2024
Project Name: PILUM 15 FEE 2H BATTERY
Project Number: 6-364
Project Location: EDDY COUNTY

Sampling Date: 11/15/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S 3 - 11' (H247074-16)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2024	ND	2.09	104	2.00	5.47	
Toluene*	<0.050	0.050	11/21/2024	ND	2.03	102	2.00	4.18	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.11	106	2.00	1.96	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.24	104	6.00	1.65	
Total BTEx	<0.300	0.300	11/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1448	16.0	11/21/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2024	ND	209	104	200	2.65	
DRO >C10-C28*	<10.0	10.0	11/21/2024	ND	185	92.5	200	6.45	
EXT DRO >C28-C36	<10.0	10.0	11/21/2024	ND					

Surrogate: 1-Chlorooctane 86.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.4 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
SEBASTIAN OROZCO
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 11/20/2024
Reported: 11/26/2024
Project Name: PILUM 15 FEE 2H BATTERY
Project Number: 6-364
Project Location: EDDY COUNTY

Sampling Date: 11/15/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S 3 - 13' (H247074-17)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2024	ND	2.09	104	2.00	5.47	
Toluene*	<0.050	0.050	11/21/2024	ND	2.03	102	2.00	4.18	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.11	106	2.00	1.96	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.24	104	6.00	1.65	
Total BTX	<0.300	0.300	11/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	11/21/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2024	ND	209	104	200	2.65	
DRO >C10-C28*	<10.0	10.0	11/21/2024	ND	185	92.5	200	6.45	
EXT DRO >C28-C36	<10.0	10.0	11/21/2024	ND					

Surrogate: 1-Chlorooctane 84.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.1 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
SEBASTIAN OROZCO
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 11/20/2024
Reported: 11/26/2024
Project Name: PILUM 15 FEE 2H BATTERY
Project Number: 6-364
Project Location: EDDY COUNTY

Sampling Date: 11/15/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S 3 - 15' (H247074-18)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/21/2024	ND	2.09	104	2.00	5.47		
Toluene*	<0.050	0.050	11/21/2024	ND	2.03	102	2.00	4.18		
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.11	106	2.00	1.96		
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.24	104	6.00	1.65		
Total BTX	<0.300	0.300	11/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/21/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2024	ND	209	104	200	2.65	
DRO >C10-C28*	<10.0	10.0	11/21/2024	ND	185	92.5	200	6.45	
EXT DRO >C28-C36	<10.0	10.0	11/21/2024	ND					

Surrogate: 1-Chlorooctane 94.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.4 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
SEBASTIAN OROZCO
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 11/20/2024
Reported: 11/26/2024
Project Name: PILUM 15 FEE 2H BATTERY
Project Number: 6-364
Project Location: EDDY COUNTY

Sampling Date: 11/15/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S 3 - 18' (H247074-19)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/21/2024	ND	2.09	104	2.00	5.47		
Toluene*	<0.050	0.050	11/21/2024	ND	2.03	102	2.00	4.18		
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.11	106	2.00	1.96		
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.24	104	6.00	1.65		
Total BTEx	<0.300	0.300	11/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/21/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2024	ND	209	104	200	2.65	
DRO >C10-C28*	<10.0	10.0	11/21/2024	ND	185	92.5	200	6.45	
EXT DRO >C28-C36	<10.0	10.0	11/21/2024	ND					

Surrogate: 1-Chlorooctane 93.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.1 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
SEBASTIAN OROZCO
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 11/20/2024
Reported: 11/26/2024
Project Name: PILUM 15 FEE 2H BATTERY
Project Number: 6-364
Project Location: EDDY COUNTY

Sampling Date: 11/15/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S 4 - 5' (H247074-20)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2024	ND	2.09	104	2.00	5.47	
Toluene*	<0.050	0.050	11/21/2024	ND	2.03	102	2.00	4.18	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.11	106	2.00	1.96	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.24	104	6.00	1.65	
Total BTEX	<0.300	0.300	11/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1660	16.0	11/21/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2024	ND	209	104	200	2.65	
DRO >C10-C28*	<10.0	10.0	11/21/2024	ND	185	92.5	200	6.45	
EXT DRO >C28-C36	<10.0	10.0	11/21/2024	ND					

Surrogate: 1-Chlorooctane 89.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.7 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
SEBASTIAN OROZCO
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 11/20/2024
Reported: 11/26/2024
Project Name: PILUM 15 FEE 2H BATTERY
Project Number: 6-364
Project Location: EDDY COUNTY

Sampling Date: 11/15/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S 4 - 8' (H247074-21)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2024	ND	1.93	96.7	2.00	3.33	
Toluene*	<0.050	0.050	11/21/2024	ND	1.99	99.4	2.00	3.00	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	1.96	97.8	2.00	2.53	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	5.81	96.9	6.00	2.34	
Total BTX	<0.300	0.300	11/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1272	16.0	11/21/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2024	ND	209	104	200	2.65	
DRO >C10-C28*	<10.0	10.0	11/21/2024	ND	185	92.5	200	6.45	
EXT DRO >C28-C36	<10.0	10.0	11/21/2024	ND					

Surrogate: 1-Chlorooctane 95.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.6 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received: 11/20/2024
 Reported: 11/26/2024
 Project Name: PILUM 15 FEE 2H BATTERY
 Project Number: 6-364
 Project Location: EDDY COUNTY

Sampling Date: 11/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: S 4 - 12' (H247074-22)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2024	ND	1.93	96.7	2.00	3.33	
Toluene*	<0.050	0.050	11/21/2024	ND	1.99	99.4	2.00	3.00	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	1.96	97.8	2.00	2.53	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	5.81	96.9	6.00	2.34	
Total BTEX	<0.300	0.300	11/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	916	16.0	11/21/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2024	ND	209	104	200	2.65	
DRO >C10-C28*	<10.0	10.0	11/21/2024	ND	185	92.5	200	6.45	
EXT DRO >C28-C36	<10.0	10.0	11/21/2024	ND					

Surrogate: 1-Chlorooctane 83.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.8 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
SEBASTIAN OROZCO
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 11/20/2024
Reported: 11/26/2024
Project Name: PILUM 15 FEE 2H BATTERY
Project Number: 6-364
Project Location: EDDY COUNTY

Sampling Date: 11/15/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S 4 - 15' (H247074-23)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2024	ND	1.93	96.7	2.00	3.33	
Toluene*	<0.050	0.050	11/21/2024	ND	1.99	99.4	2.00	3.00	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	1.96	97.8	2.00	2.53	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	5.81	96.9	6.00	2.34	
Total BTX	<0.300	0.300	11/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	11/21/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2024	ND	209	104	200	2.65	
DRO >C10-C28*	<10.0	10.0	11/21/2024	ND	185	92.5	200	6.45	
EXT DRO >C28-C36	<10.0	10.0	11/21/2024	ND					

Surrogate: 1-Chlorooctane 90.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.9 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
SEBASTIAN OROZCO
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 11/20/2024
Reported: 11/26/2024
Project Name: PILUM 15 FEE 2H BATTERY
Project Number: 6-364
Project Location: EDDY COUNTY

Sampling Date: 11/15/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S 4 - 16' (H247074-24)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/21/2024	ND	1.93	96.7	2.00	3.33		
Toluene*	<0.050	0.050	11/21/2024	ND	1.99	99.4	2.00	3.00		
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	1.96	97.8	2.00	2.53		
Total Xylenes*	<0.150	0.150	11/21/2024	ND	5.81	96.9	6.00	2.34		
Total BTX	<0.300	0.300	11/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/21/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	210	105	200	2.18	
DRO >C10-C28*	<10.0	10.0	11/20/2024	ND	200	100	200	3.89	
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
SEBASTIAN OROZCO
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 11/20/2024
Reported: 11/26/2024
Project Name: PILUM 15 FEE 2H BATTERY
Project Number: 6-364
Project Location: EDDY COUNTY

Sampling Date: 11/15/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S 5 - 5' (H247074-25)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2024	ND	1.93	96.7	2.00	3.33	
Toluene*	<0.050	0.050	11/21/2024	ND	1.99	99.4	2.00	3.00	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	1.96	97.8	2.00	2.53	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	5.81	96.9	6.00	2.34	
Total BTX	<0.300	0.300	11/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9144	16.0	11/21/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	210	105	200	2.18	
DRO >C10-C28*	<10.0	10.0	11/20/2024	ND	200	100	200	3.89	
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND					

Surrogate: 1-Chlorooctane 97.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.1 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received: 11/20/2024
 Reported: 11/26/2024
 Project Name: PILUM 15 FEE 2H BATTERY
 Project Number: 6-364
 Project Location: EDDY COUNTY

Sampling Date: 11/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: S 5 - 8' (H247074-26)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2024	ND	1.93	96.7	2.00	3.33	
Toluene*	<0.050	0.050	11/21/2024	ND	1.99	99.4	2.00	3.00	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	1.96	97.8	2.00	2.53	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	5.81	96.9	6.00	2.34	
Total BTEx	<0.300	0.300	11/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3136	16.0	11/21/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/20/2024	ND	210	105	200	2.18	
DRO >C10-C28*	<10.0	10.0	11/20/2024	ND	200	100	200	3.89	
EXT DRO >C28-C36	<10.0	10.0	11/20/2024	ND					

Surrogate: 1-Chlorooctane 98.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.7 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
SEBASTIAN OROZCO
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 11/20/2024
Reported: 11/26/2024
Project Name: PILUM 15 FEE 2H BATTERY
Project Number: 6-364
Project Location: EDDY COUNTY

Sampling Date: 11/15/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S 5 - 12' (H247074-27)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2024	ND	1.93	96.7	2.00	3.33	
Toluene*	<0.050	0.050	11/21/2024	ND	1.99	99.4	2.00	3.00	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	1.96	97.8	2.00	2.53	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	5.81	96.9	6.00	2.34	
Total BTEx	<0.300	0.300	11/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1480	16.0	11/21/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2024	ND	210	105	200	2.18	
DRO >C10-C28*	<10.0	10.0	11/21/2024	ND	200	100	200	3.89	
EXT DRO >C28-C36	<10.0	10.0	11/21/2024	ND					

Surrogate: 1-Chlorooctane 94.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.3 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
SEBASTIAN OROZCO
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 11/20/2024
Reported: 11/26/2024
Project Name: PILUM 15 FEE 2H BATTERY
Project Number: 6-364
Project Location: EDDY COUNTY

Sampling Date: 11/15/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S 5 - 15' (H247074-28)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2024	ND	1.93	96.7	2.00	3.33	
Toluene*	<0.050	0.050	11/21/2024	ND	1.99	99.4	2.00	3.00	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	1.96	97.8	2.00	2.53	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	5.81	96.9	6.00	2.34	
Total BTEx	<0.300	0.300	11/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	11/21/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2024	ND	210	105	200	2.18	
DRO >C10-C28*	<10.0	10.0	11/21/2024	ND	200	100	200	3.89	
EXT DRO >C28-C36	<10.0	10.0	11/21/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received: 11/20/2024
 Reported: 11/26/2024
 Project Name: PILUM 15 FEE 2H BATTERY
 Project Number: 6-364
 Project Location: EDDY COUNTY

Sampling Date: 11/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: S 5 - 18' (H247074-29)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2024	ND	1.93	96.7	2.00	3.33	
Toluene*	<0.050	0.050	11/21/2024	ND	1.99	99.4	2.00	3.00	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	1.96	97.8	2.00	2.53	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	5.81	96.9	6.00	2.34	
Total BTEX	<0.300	0.300	11/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/21/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2024	ND	210	105	200	2.18	
DRO >C10-C28*	<10.0	10.0	11/21/2024	ND	200	100	200	3.89	
EXT DRO >C28-C36	<10.0	10.0	11/21/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received: 11/20/2024
 Reported: 11/26/2024
 Project Name: PILUM 15 FEE 2H BATTERY
 Project Number: 6-364
 Project Location: EDDY COUNTY

Sampling Date: 11/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: S 6 - 5' (H247074-30)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2024	ND	1.93	96.7	2.00	3.33	
Toluene*	<0.050	0.050	11/21/2024	ND	1.99	99.4	2.00	3.00	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	1.96	97.8	2.00	2.53	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	5.81	96.9	6.00	2.34	
Total BTX	<0.300	0.300	11/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8192	16.0	11/21/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2024	ND	210	105	200	2.18	
DRO >C10-C28*	<10.0	10.0	11/21/2024	ND	200	100	200	3.89	
EXT DRO >C28-C36	<10.0	10.0	11/21/2024	ND					

Surrogate: 1-Chlorooctane 83.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.5 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received: 11/20/2024
 Reported: 11/26/2024
 Project Name: PILUM 15 FEE 2H BATTERY
 Project Number: 6-364
 Project Location: EDDY COUNTY

Sampling Date: 11/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: S 6 - 8' (H247074-31)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2024	ND	1.93	96.7	2.00	3.33	
Toluene*	<0.050	0.050	11/21/2024	ND	1.99	99.4	2.00	3.00	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	1.96	97.8	2.00	2.53	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	5.81	96.9	6.00	2.34	
Total BTEX	<0.300	0.300	11/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1340	16.0	11/21/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2024	ND	210	105	200	2.18	
DRO >C10-C28*	<10.0	10.0	11/21/2024	ND	200	100	200	3.89	
EXT DRO >C28-C36	<10.0	10.0	11/21/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received: 11/20/2024
 Reported: 11/26/2024
 Project Name: PILUM 15 FEE 2H BATTERY
 Project Number: 6-364
 Project Location: EDDY COUNTY

Sampling Date: 11/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: S 6 - 12' (H247074-32)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2024	ND	1.93	96.7	2.00	3.33	
Toluene*	<0.050	0.050	11/21/2024	ND	1.99	99.4	2.00	3.00	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	1.96	97.8	2.00	2.53	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	5.81	96.9	6.00	2.34	
Total BTEX	<0.300	0.300	11/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	11/21/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2024	ND	210	105	200	2.18	
DRO >C10-C28*	<10.0	10.0	11/21/2024	ND	200	100	200	3.89	
EXT DRO >C28-C36	<10.0	10.0	11/21/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.8 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
SEBASTIAN OROZCO
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 11/20/2024
Reported: 11/26/2024
Project Name: PILUM 15 FEE 2H BATTERY
Project Number: 6-364
Project Location: EDDY COUNTY

Sampling Date: 11/15/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S 6 - 15' (H247074-33)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/21/2024	ND	1.93	96.7	2.00	3.33		
Toluene*	<0.050	0.050	11/21/2024	ND	1.99	99.4	2.00	3.00		
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	1.96	97.8	2.00	2.53		
Total Xylenes*	<0.150	0.150	11/21/2024	ND	5.81	96.9	6.00	2.34		
Total BTX	<0.300	0.300	11/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/22/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2024	ND	210	105	200	2.18	
DRO >C10-C28*	<10.0	10.0	11/21/2024	ND	200	100	200	3.89	
EXT DRO >C28-C36	<10.0	10.0	11/21/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
SEBASTIAN OROZCO
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 11/20/2024
Reported: 11/26/2024
Project Name: PILUM 15 FEE 2H BATTERY
Project Number: 6-364
Project Location: EDDY COUNTY

Sampling Date: 11/15/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S 7 - 5' (H247074-34)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2024	ND	1.93	96.7	2.00	3.33	
Toluene*	<0.050	0.050	11/21/2024	ND	1.99	99.4	2.00	3.00	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	1.96	97.8	2.00	2.53	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	5.81	96.9	6.00	2.34	
Total BTX	<0.300	0.300	11/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	11/22/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2024	ND	210	105	200	2.18	
DRO >C10-C28*	<10.0	10.0	11/21/2024	ND	200	100	200	3.89	
EXT DRO >C28-C36	<10.0	10.0	11/21/2024	ND					

Surrogate: 1-Chlorooctane 89.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.5 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received: 11/20/2024
 Reported: 11/26/2024
 Project Name: PILUM 15 FEE 2H BATTERY
 Project Number: 6-364
 Project Location: EDDY COUNTY

Sampling Date: 11/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: S 7 - 8' (H247074-35)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2024	ND	1.93	96.7	2.00	3.33	
Toluene*	<0.050	0.050	11/21/2024	ND	1.99	99.4	2.00	3.00	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	1.96	97.8	2.00	2.53	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	5.81	96.9	6.00	2.34	
Total BTEX	<0.300	0.300	11/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/22/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2024	ND	210	105	200	2.18	
DRO >C10-C28*	<10.0	10.0	11/21/2024	ND	200	100	200	3.89	
EXT DRO >C28-C36	<10.0	10.0	11/21/2024	ND					

Surrogate: 1-Chlorooctane 89.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.0 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received: 11/20/2024
 Reported: 11/26/2024
 Project Name: PILUM 15 FEE 2H BATTERY
 Project Number: 6-364
 Project Location: EDDY COUNTY

Sampling Date: 11/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: S 7 - 12' (H247074-36)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/21/2024	ND	1.93	96.7	2.00	3.33		
Toluene*	<0.050	0.050	11/21/2024	ND	1.99	99.4	2.00	3.00		
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	1.96	97.8	2.00	2.53		
Total Xylenes*	<0.150	0.150	11/21/2024	ND	5.81	96.9	6.00	2.34		
Total BTEX	<0.300	0.300	11/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	11/22/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2024	ND	210	105	200	2.18	
DRO >C10-C28*	<10.0	10.0	11/21/2024	ND	200	100	200	3.89	
EXT DRO >C28-C36	<10.0	10.0	11/21/2024	ND					

Surrogate: 1-Chlorooctane 98.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.9 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
SEBASTIAN OROZCO
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 11/20/2024
Reported: 11/26/2024
Project Name: PILUM 15 FEE 2H BATTERY
Project Number: 6-364
Project Location: EDDY COUNTY

Sampling Date: 11/15/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S 7 - 14' (H247074-37)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/21/2024	ND	1.93	96.7	2.00	3.33		
Toluene*	<0.050	0.050	11/21/2024	ND	1.99	99.4	2.00	3.00		
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	1.96	97.8	2.00	2.53		
Total Xylenes*	<0.150	0.150	11/21/2024	ND	5.81	96.9	6.00	2.34		
Total BTX	<0.300	0.300	11/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/22/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2024	ND	210	105	200	2.18	
DRO >C10-C28*	<10.0	10.0	11/21/2024	ND	200	100	200	3.89	
EXT DRO >C28-C36	<10.0	10.0	11/21/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received: 11/20/2024
 Reported: 11/26/2024
 Project Name: PILUM 15 FEE 2H BATTERY
 Project Number: 6-364
 Project Location: EDDY COUNTY

Sampling Date: 11/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW 1 (H247074-38)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2024	ND	1.93	96.7	2.00	3.33	
Toluene*	<0.050	0.050	11/21/2024	ND	1.99	99.4	2.00	3.00	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	1.96	97.8	2.00	2.53	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	5.81	96.9	6.00	2.34	
Total BTEX	<0.300	0.300	11/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/22/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2024	ND	210	105	200	2.18	
DRO >C10-C28*	<10.0	10.0	11/21/2024	ND	200	100	200	3.89	
EXT DRO >C28-C36	<10.0	10.0	11/21/2024	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received: 11/20/2024
 Reported: 11/26/2024
 Project Name: PILUM 15 FEE 2H BATTERY
 Project Number: 6-364
 Project Location: EDDY COUNTY

Sampling Date: 11/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW 2 (H247074-39)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2024	ND	1.93	96.7	2.00	3.33	
Toluene*	<0.050	0.050	11/21/2024	ND	1.99	99.4	2.00	3.00	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	1.96	97.8	2.00	2.53	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	5.81	96.9	6.00	2.34	
Total BTEX	<0.300	0.300	11/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/22/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2024	ND	210	105	200	2.18	
DRO >C10-C28*	<10.0	10.0	11/21/2024	ND	200	100	200	3.89	
EXT DRO >C28-C36	<10.0	10.0	11/21/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
SEBASTIAN OROZCO
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 11/20/2024
Reported: 11/26/2024
Project Name: PILUM 15 FEE 2H BATTERY
Project Number: 6-364
Project Location: EDDY COUNTY

Sampling Date: 11/15/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SW 3 (H247074-40)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/21/2024	ND	1.93	96.7	2.00	3.33		
Toluene*	<0.050	0.050	11/21/2024	ND	1.99	99.4	2.00	3.00		
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	1.96	97.8	2.00	2.53		
Total Xylenes*	<0.150	0.150	11/21/2024	ND	5.81	96.9	6.00	2.34		
Total BTX	<0.300	0.300	11/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	11/22/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2024	ND	210	105	200	2.18	
DRO >C10-C28*	<10.0	10.0	11/21/2024	ND	200	100	200	3.89	
EXT DRO >C28-C36	<10.0	10.0	11/21/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received: 11/20/2024
 Reported: 11/26/2024
 Project Name: PILUM 15 FEE 2H BATTERY
 Project Number: 6-364
 Project Location: EDDY COUNTY

Sampling Date: 11/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW 4 (H247074-41)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2024	ND	2.19	109	2.00	7.69	
Toluene*	<0.050	0.050	11/21/2024	ND	2.24	112	2.00	9.46	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.14	107	2.00	9.83	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.82	114	6.00	7.81	
Total BTEX	<0.300	0.300	11/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/22/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2024	ND	210	105	200	2.18	
DRO >C10-C28*	<10.0	10.0	11/21/2024	ND	200	100	200	3.89	
EXT DRO >C28-C36	<10.0	10.0	11/21/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received: 11/20/2024
 Reported: 11/26/2024
 Project Name: PILUM 15 FEE 2H BATTERY
 Project Number: 6-364
 Project Location: EDDY COUNTY

Sampling Date: 11/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW 5 (H247074-42)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2024	ND	2.19	109	2.00	7.69	
Toluene*	<0.050	0.050	11/21/2024	ND	2.24	112	2.00	9.46	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.14	107	2.00	9.83	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.82	114	6.00	7.81	
Total BTEX	<0.300	0.300	11/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/22/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2024	ND	210	105	200	2.18	
DRO >C10-C28*	<10.0	10.0	11/21/2024	ND	200	100	200	3.89	
EXT DRO >C28-C36	<10.0	10.0	11/21/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
SEBASTIAN OROZCO
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 11/20/2024
Reported: 11/26/2024
Project Name: PILUM 15 FEE 2H BATTERY
Project Number: 6-364
Project Location: EDDY COUNTY

Sampling Date: 11/15/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SW 6 (H247074-43)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/21/2024	ND	2.19	109	2.00	7.69		
Toluene*	<0.050	0.050	11/21/2024	ND	2.24	112	2.00	9.46		
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.14	107	2.00	9.83		
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.82	114	6.00	7.81		
Total BTEx	<0.300	0.300	11/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/22/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2024	ND	210	105	200	2.18	
DRO >C10-C28*	<10.0	10.0	11/21/2024	ND	200	100	200	3.89	
EXT DRO >C28-C36	<10.0	10.0	11/21/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
SEBASTIAN OROZCO
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 11/20/2024
Reported: 11/26/2024
Project Name: PILUM 15 FEE 2H BATTERY
Project Number: 6-364
Project Location: EDDY COUNTY

Sampling Date: 11/15/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SW 7 (H247074-44)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/21/2024	ND	2.19	109	2.00	7.69		
Toluene*	<0.050	0.050	11/21/2024	ND	2.24	112	2.00	9.46		
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.14	107	2.00	9.83		
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.82	114	6.00	7.81		
Total BTX	<0.300	0.300	11/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/22/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2024	ND	194	97.1	200	1.15	
DRO >C10-C28*	<10.0	10.0	11/21/2024	ND	188	94.0	200	1.28	
EXT DRO >C28-C36	<10.0	10.0	11/21/2024	ND					

Surrogate: 1-Chlorooctane 77.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.9 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
SEBASTIAN OROZCO
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 11/20/2024
Reported: 11/26/2024
Project Name: PILUM 15 FEE 2H BATTERY
Project Number: 6-364
Project Location: EDDY COUNTY

Sampling Date: 11/15/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SW 8 (H247074-45)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2024	ND	2.19	109	2.00	7.69	
Toluene*	<0.050	0.050	11/21/2024	ND	2.24	112	2.00	9.46	
Ethylbenzene*	<0.050	0.050	11/21/2024	ND	2.14	107	2.00	9.83	
Total Xylenes*	<0.150	0.150	11/21/2024	ND	6.82	114	6.00	7.81	
Total BTEX	<0.300	0.300	11/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/22/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2024	ND	194	97.1	200	1.15	
DRO >C10-C28*	<10.0	10.0	11/21/2024	ND	188	94.0	200	1.28	
EXT DRO >C28-C36	<10.0	10.0	11/21/2024	ND					

Surrogate: 1-Chlorooctane 77.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.2 % 49.1-148

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*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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A handwritten signature in black ink, appearing to read "Mike Snyder", is written over a horizontal line.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name: Pima Environmental Services
Project Manager: Sebastian Orozco
Address: 5614 N. Lovington Hwy
City: Hobbs State: NM Zip: 88240
Phone #: 575-964-7740 Fax #:
Project #: 6-364 Project Owner: SPUR
Project Name: Pilon 15 Fee 2# Battery
Project Location: Eddy County
Sample Name: Marisa Lopez

BILL TO
P.O. #:
Company: SPUR
Attn:
Address:
City:
State: Zip:
Phone #:
Fax #:

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	MATRIX	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	TPH	BTEX	Chloride
H24704	S1-5'						X				X			11/5/24	8:38	X	X	X
	S1-8'														8:45			
	S1-11'														8:56			
	S1-13'														9:11			
	S1-15'														9:17			
	S1-20'														9:23			
	S2-5'														9:31			
	S2-7'														9:38			
	S2-9'														9:46			
	S2-10'														9:52			

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Relinquished By: Sebastian Orozco
Date: 11/5/24 Time: 10:57
Relinquished By: Sebastian Orozco
Date: 11/5/24 Time: 10:57
Received By: Sebastian Orozco
Date: 11/5/24 Time: 10:57

Delivered By: (Circle One) -1.3i) C.O.C.
Sample Condition Intact
Cool Yes Intact Yes
Sample - UPS - Bus - Other: -1.9i) #140 No No No No
CHECKED BY: SP
REMARKS: Standard
Billing: 7010-7410
Sebastian@pimaoil.com
code center: PPE02



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name: Pima Environmental Services Project Manager: Sebastian Orozco Address: 5614 N. Lovington Hwy City: Hobbs Phone #: 575-964-7740 Fax #: Project #: 6-364 Project Name: Pildm 15 Fee 2H Battery Project Location: Eddy County Sampler Name: Maria Loya				P.O. #: Company: Spur Energy Attn: Address: City: State: Zip: Phone #: Fax #:			
FOR LAB USE ONLY				BILL TO			
Lab I.D.				Sample I.D.			
(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE : ICE / COOL OTHER :				MATRIX PRESERV SAMPLING			
DATE TIME				DATE TIME			
11/15 10:56				11/15 10:56			
11:07 11:11 11:17 11:20 11:28 11:34 11:38 11:47				11:07 11:11 11:17 11:20 11:28 11:34 11:38 11:47			
TPH BTEX Chloride				TPH BTEX Chloride			

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Relinquished By: Karine Adams Relinquished By:		Received By: Skodrigues Received By:	
Date: 11/30/24 Time: 10:57		Date: Time:	
Delivered By: (Circle One) -1.33 E.O.U. Sampler - UPS - Bus - Other: 1.92 #140		Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> CHECKED BY: (Initials) SFC	

REMARKS:

Standard Code Center: PIRE02

Billing: 7010-7410

Sebastian@PimaOil.com



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name: Pima Environmental Services Project Manager: Sebastian AD200 Address: 5614 N. Livingston Hwy City: Hobbs Phone #: 575-964-7740 Fax #:				P.O. #: Company: Spur Energy Attn: Address: City: State: Zip: Phone #: Fax #:			
Project #: 6-364 Project Owner: Spur Project Name: Pilon 15 Feas 24 Baffery Project Location: Eddy County Sample Name: Marisa Loya							
FOR LAB USE ONLY							
Lab I.D. 1847074		Sample I.D.		MATRIX (G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER <input checked="" type="checkbox"/> SOIL <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE OTHER:		PRESERV ACID/BASE: <input checked="" type="checkbox"/> ICE / COOL OTHER:	
				DATE 11/15		TIME 11:52	
31		56-8'		11:52		X	
32		56-12'		11:58		X	
33		56-15'		12:11		X	
34		57-8'		12:17		X	
35		57-8'		12:25		X	
36		57-12'		12:36		X	
37		57-14'		12:41		X	
38		5W1		12:55		X	
39		5W2		1:00		X	
40		5W3		1:11		X	

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Relinquished By: Kerime Atame Date: 11-30-24 Time: 1057 Received By: Shodeeqwey		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Fax #: REMARKS: Standard Billing: 700-7410 code center: PPE02	
Relinquished By: Kerime Atame Date: Time: Received By:		Sample Condition Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> CHECKED BY: (Initials) SPC	
Delivered By: (Circle One) -1.3: 100.0.0. Sampler - UPS - Bus - Other: -1.9 = #140		Sebastian Sebastian@pimaoil.com	



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name: Pima Environmental Services		P.O. #:		BILL TO		ANALYSIS REQUEST																													
Project Manager: Sebastian Draz		Company: SPUR Energy		Attn:																															
Address: 5614 N. Lovington Hwy		Address:																																	
City: Hobbs		City:																																	
Phone #: 575-964-7740		State: NM		Zip: 88240																															
Fax #:		City:																																	
Project #: 6-364		Project Owner: SPUR		State:		Zip:																													
Project Name: P10M15 Fec 2H Battery		Phone #:																																	
Project Location: Fddy County		Fax #:																																	
Sample Name: M-53a-beyca		PRESERV		SAMPLING																															
FOR LAB USE ONLY																																			
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME		TPH		BTEx		Chloride	
H247074		SW4																								11/15		1:17		X		X		X	
41		SW5																								1:24		X		X		X			
42		SW6																								1:28		X		X		X			
43		SW7																								1:36		X		X		X			
44		SW8																								1:40		X		X		X			
45																																			
Relinquished By: <i>Wmme Hume</i>		Date: <i>11/30/24</i>		Received By: <i>Sebastian Draz</i>		Time: <i>10:57</i>		Sample Condition		Cool		Intact		Checked By: <i>SK</i>		REMARKS: <i>Standard</i>		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:		Billing: <i>7010-7416</i>		code center: <i>PIPE02</i>		Sebastian@PimaOil.com					
Delivered By: (Circle One) <i>-13:00-00:00</i>		Date: <i>11/30/24</i>		Received By: <i>Sebastian Draz</i>		Time: <i>10:57</i>		Sample Condition		Cool		Intact		Checked By: <i>SK</i>		REMARKS: <i>Standard</i>		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:		Billing: <i>7010-7416</i>		code center: <i>PIPE02</i>		Sebastian@PimaOil.com					
Relinquished By: <i>Wmme Hume</i>		Date: <i>11/30/24</i>		Received By: <i>Sebastian Draz</i>		Time: <i>10:57</i>		Sample Condition		Cool		Intact		Checked By: <i>SK</i>		REMARKS: <i>Standard</i>		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:		Billing: <i>7010-7416</i>		code center: <i>PIPE02</i>		Sebastian@PimaOil.com					



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

December 31, 2024

SEBASTIAN OROZCO

PIMA ENVIROMENTAL

1601 N TURNER STE. 500

HOBBS, NM 88240

RE: PILUM 15 FEE 2H BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 12/30/24 14:19.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Mike Snyder". The signature is fluid and cursive, with the first name "Mike" and last name "Snyder" clearly distinguishable.

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received: 12/30/2024
 Reported: 12/31/2024
 Project Name: PILUM 15 FEE 2H BATTERY
 Project Number: 6-364
 Project Location: EDDY COUNTY

Sampling Date: 12/30/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: CS 1 - BOTTOM (H247785-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/30/2024	ND	2.14	107	2.00	2.11	
Toluene*	<0.050	0.050	12/30/2024	ND	2.14	107	2.00	2.13	
Ethylbenzene*	<0.050	0.050	12/30/2024	ND	2.13	107	2.00	2.36	
Total Xylenes*	<0.150	0.150	12/30/2024	ND	6.37	106	6.00	2.11	
Total BTX	<0.300	0.300	12/30/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	12/31/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/30/2024	ND	239	120	200	4.61	
DRO >C10-C28*	12.9	10.0	12/30/2024	ND	220	110	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	12/30/2024	ND					

Surrogate: 1-Chlorooctane 96.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

Cardinal Laboratories

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
SEBASTIAN OROZCO
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 12/30/2024
Reported: 12/31/2024
Project Name: PILUM 15 FEE 2H BATTERY
Project Number: 6-364
Project Location: EDDY COUNTY

Sampling Date: 12/30/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: CS 2 - BOTTOM (H247785-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/30/2024	ND	2.14	107	2.00	2.11		
Toluene*	<0.050	0.050	12/30/2024	ND	2.14	107	2.00	2.13		
Ethylbenzene*	<0.050	0.050	12/30/2024	ND	2.13	107	2.00	2.36		
Total Xylenes*	<0.150	0.150	12/30/2024	ND	6.37	106	6.00	2.11		
Total BTEX	<0.300	0.300	12/30/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	12/31/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/30/2024	ND	239	120	200	4.61	
DRO >C10-C28*	38.6	10.0	12/30/2024	ND	220	110	200	3.85	
EXT DRO >C28-C36	14.3	10.0	12/30/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received: 12/30/2024
 Reported: 12/31/2024
 Project Name: PILUM 15 FEE 2H BATTERY
 Project Number: 6-364
 Project Location: EDDY COUNTY

Sampling Date: 12/30/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: CS 3 - BOTTOM (H247785-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/30/2024	ND	2.14	107	2.00	2.11	
Toluene*	<0.050	0.050	12/30/2024	ND	2.14	107	2.00	2.13	
Ethylbenzene*	<0.050	0.050	12/30/2024	ND	2.13	107	2.00	2.36	
Total Xylenes*	<0.150	0.150	12/30/2024	ND	6.37	106	6.00	2.11	
Total BTEX	<0.300	0.300	12/30/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	12/31/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/30/2024	ND	239	120	200	4.61	
DRO >C10-C28*	<10.0	10.0	12/30/2024	ND	220	110	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	12/30/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received: 12/30/2024
 Reported: 12/31/2024
 Project Name: PILUM 15 FEE 2H BATTERY
 Project Number: 6-364
 Project Location: EDDY COUNTY

Sampling Date: 12/30/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: CS 4 - BOTTOM (H247785-04)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/30/2024	ND	2.14	107	2.00	2.11	
Toluene*	<0.050	0.050	12/30/2024	ND	2.14	107	2.00	2.13	
Ethylbenzene*	<0.050	0.050	12/30/2024	ND	2.13	107	2.00	2.36	
Total Xylenes*	<0.150	0.150	12/30/2024	ND	6.37	106	6.00	2.11	
Total BTEX	<0.300	0.300	12/30/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	12/31/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/30/2024	ND	239	120	200	4.61	
DRO >C10-C28*	29.3	10.0	12/30/2024	ND	220	110	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	12/30/2024	ND					

Surrogate: 1-Chlorooctane 97.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
SEBASTIAN OROZCO
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 12/30/2024
Reported: 12/31/2024
Project Name: PILUM 15 FEE 2H BATTERY
Project Number: 6-364
Project Location: EDDY COUNTY

Sampling Date: 12/30/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: CS 5 - BOTTOM (H247785-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/30/2024	ND	2.14	107	2.00	2.11		
Toluene*	<0.050	0.050	12/30/2024	ND	2.14	107	2.00	2.13		
Ethylbenzene*	<0.050	0.050	12/30/2024	ND	2.13	107	2.00	2.36		
Total Xylenes*	<0.150	0.150	12/30/2024	ND	6.37	106	6.00	2.11		
Total BTEx	<0.300	0.300	12/30/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	12/31/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/30/2024	ND	239	120	200	4.61	
DRO >C10-C28*	29.9	10.0	12/30/2024	ND	220	110	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	12/30/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received: 12/30/2024
 Reported: 12/31/2024
 Project Name: PILUM 15 FEE 2H BATTERY
 Project Number: 6-364
 Project Location: EDDY COUNTY

Sampling Date: 12/30/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: CS 6 - BOTTOM (H247785-06)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/30/2024	ND	2.14	107	2.00	2.11	
Toluene*	<0.050	0.050	12/30/2024	ND	2.14	107	2.00	2.13	
Ethylbenzene*	<0.050	0.050	12/30/2024	ND	2.13	107	2.00	2.36	
Total Xylenes*	<0.150	0.150	12/30/2024	ND	6.37	106	6.00	2.11	
Total BTEX	<0.300	0.300	12/30/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	12/31/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/30/2024	ND	239	120	200	4.61	
DRO >C10-C28*	15.9	10.0	12/30/2024	ND	220	110	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	12/30/2024	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 127 % 49.1-148

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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
SEBASTIAN OROZCO
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 12/30/2024
Reported: 12/31/2024
Project Name: PILUM 15 FEE 2H BATTERY
Project Number: 6-364
Project Location: EDDY COUNTY

Sampling Date: 12/30/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: CS 7 - BOTTOM (H247785-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/30/2024	ND	2.14	107	2.00	2.11		
Toluene*	<0.050	0.050	12/30/2024	ND	2.14	107	2.00	2.13		
Ethylbenzene*	<0.050	0.050	12/30/2024	ND	2.13	107	2.00	2.36		
Total Xylenes*	<0.150	0.150	12/30/2024	ND	6.37	106	6.00	2.11		
Total BTEX	<0.300	0.300	12/30/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	12/31/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/30/2024	ND	239	120	200	4.61	
DRO >C10-C28*	32.6	10.0	12/30/2024	ND	220	110	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	12/30/2024	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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Analytical Results For:

PIMA ENVIROMENTAL
SEBASTIAN OROZCO
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 12/30/2024
Reported: 12/31/2024
Project Name: PILUM 15 FEE 2H BATTERY
Project Number: 6-364
Project Location: EDDY COUNTY

Sampling Date: 12/30/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: CS 8 - BOTTOM (H247785-08)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/30/2024	ND	2.14	107	2.00	2.11		
Toluene*	<0.050	0.050	12/30/2024	ND	2.14	107	2.00	2.13		
Ethylbenzene*	<0.050	0.050	12/30/2024	ND	2.13	107	2.00	2.36		
Total Xylenes*	<0.150	0.150	12/30/2024	ND	6.37	106	6.00	2.11		
Total BTEX	<0.300	0.300	12/30/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	12/31/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/30/2024	ND	239	120	200	4.61	
DRO >C10-C28*	22.2	10.0	12/30/2024	ND	220	110	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	12/30/2024	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received: 12/30/2024
 Reported: 12/31/2024
 Project Name: PILUM 15 FEE 2H BATTERY
 Project Number: 6-364
 Project Location: EDDY COUNTY

Sampling Date: 12/30/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: CS 9 - BOTTOM (H247785-09)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/30/2024	ND	2.14	107	2.00	2.11	
Toluene*	<0.050	0.050	12/30/2024	ND	2.14	107	2.00	2.13	
Ethylbenzene*	<0.050	0.050	12/30/2024	ND	2.13	107	2.00	2.36	
Total Xylenes*	<0.150	0.150	12/30/2024	ND	6.37	106	6.00	2.11	
Total BTEX	<0.300	0.300	12/30/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	12/31/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/30/2024	ND	239	120	200	4.61	
DRO >C10-C28*	65.0	10.0	12/30/2024	ND	220	110	200	3.85	
EXT DRO >C28-C36	22.6	10.0	12/30/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
SEBASTIAN OROZCO
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 12/30/2024
Reported: 12/31/2024
Project Name: PILUM 15 FEE 2H BATTERY
Project Number: 6-364
Project Location: EDDY COUNTY

Sampling Date: 12/30/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: CS 10 - BOTTOM (H247785-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/30/2024	ND	2.14	107	2.00	2.11		
Toluene*	<0.050	0.050	12/30/2024	ND	2.14	107	2.00	2.13		
Ethylbenzene*	<0.050	0.050	12/30/2024	ND	2.13	107	2.00	2.36		
Total Xylenes*	<0.150	0.150	12/30/2024	ND	6.37	106	6.00	2.11		
Total BTEX	<0.300	0.300	12/30/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	12/31/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/30/2024	ND	239	120	200	4.61	
DRO >C10-C28*	51.2	10.0	12/30/2024	ND	220	110	200	3.85	
EXT DRO >C28-C36	18.1	10.0	12/30/2024	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 136 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received: 12/30/2024
 Reported: 12/31/2024
 Project Name: PILUM 15 FEE 2H BATTERY
 Project Number: 6-364
 Project Location: EDDY COUNTY

Sampling Date: 12/30/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: CS 11 - BOTTOM (H247785-11)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/30/2024	ND	2.14	107	2.00	2.11	
Toluene*	<0.050	0.050	12/30/2024	ND	2.14	107	2.00	2.13	
Ethylbenzene*	<0.050	0.050	12/30/2024	ND	2.13	107	2.00	2.36	
Total Xylenes*	<0.150	0.150	12/30/2024	ND	6.37	106	6.00	2.11	
Total BTEX	<0.300	0.300	12/30/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	12/31/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/30/2024	ND	239	120	200	4.61	
DRO >C10-C28*	<10.0	10.0	12/30/2024	ND	220	110	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	12/30/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received: 12/30/2024
 Reported: 12/31/2024
 Project Name: PILUM 15 FEE 2H BATTERY
 Project Number: 6-364
 Project Location: EDDY COUNTY

Sampling Date: 12/30/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: CS 12 - BOTTOM (H247785-12)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/30/2024	ND	2.14	107	2.00	2.11	
Toluene*	<0.050	0.050	12/30/2024	ND	2.14	107	2.00	2.13	
Ethylbenzene*	<0.050	0.050	12/30/2024	ND	2.13	107	2.00	2.36	
Total Xylenes*	<0.150	0.150	12/30/2024	ND	6.37	106	6.00	2.11	
Total BTEX	<0.300	0.300	12/30/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	12/31/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/30/2024	ND	239	120	200	4.61	
DRO >C10-C28*	36.3	10.0	12/30/2024	ND	220	110	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	12/30/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received: 12/30/2024
 Reported: 12/31/2024
 Project Name: PILUM 15 FEE 2H BATTERY
 Project Number: 6-364
 Project Location: EDDY COUNTY

Sampling Date: 12/30/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: CS 13 - BOTTOM (H247785-13)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/30/2024	ND	2.14	107	2.00	2.11		
Toluene*	<0.050	0.050	12/30/2024	ND	2.14	107	2.00	2.13		
Ethylbenzene*	<0.050	0.050	12/30/2024	ND	2.13	107	2.00	2.36		
Total Xylenes*	<0.150	0.150	12/30/2024	ND	6.37	106	6.00	2.11		
Total BTEX	<0.300	0.300	12/30/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	12/31/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/30/2024	ND	239	120	200	4.61	
DRO >C10-C28*	70.5	10.0	12/30/2024	ND	220	110	200	3.85	
EXT DRO >C28-C36	20.5	10.0	12/30/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
SEBASTIAN OROZCO
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 12/30/2024
Reported: 12/31/2024
Project Name: PILUM 15 FEE 2H BATTERY
Project Number: 6-364
Project Location: EDDY COUNTY

Sampling Date: 12/30/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: CS 14 - BOTTOM (H247785-14)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/30/2024	ND	2.14	107	2.00	2.11	
Toluene*	<0.050	0.050	12/30/2024	ND	2.14	107	2.00	2.13	
Ethylbenzene*	<0.050	0.050	12/30/2024	ND	2.13	107	2.00	2.36	
Total Xylenes*	<0.150	0.150	12/30/2024	ND	6.37	106	6.00	2.11	
Total BTEX	<0.300	0.300	12/30/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	12/31/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/30/2024	ND	239	120	200	4.61	
DRO >C10-C28*	39.8	10.0	12/30/2024	ND	220	110	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	12/30/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
SEBASTIAN OROZCO
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 12/30/2024
Reported: 12/31/2024
Project Name: PILUM 15 FEE 2H BATTERY
Project Number: 6-364
Project Location: EDDY COUNTY

Sampling Date: 12/30/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: CS 15 - BOTTOM (H247785-15)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/30/2024	ND	2.14	107	2.00	2.11		
Toluene*	<0.050	0.050	12/30/2024	ND	2.14	107	2.00	2.13		
Ethylbenzene*	<0.050	0.050	12/30/2024	ND	2.13	107	2.00	2.36		
Total Xylenes*	<0.150	0.150	12/30/2024	ND	6.37	106	6.00	2.11		
Total BTEX	<0.300	0.300	12/30/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/31/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/30/2024	ND	239	120	200	4.61	
DRO >C10-C28*	<10.0	10.0	12/30/2024	ND	220	110	200	3.85	
EXT DRO >C28-C36	<10.0	10.0	12/30/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received: 12/30/2024
 Reported: 12/31/2024
 Project Name: PILUM 15 FEE 2H BATTERY
 Project Number: 6-364
 Project Location: EDDY COUNTY

Sampling Date: 12/30/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: CS 16 - BOTTOM (H247785-16)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/30/2024	ND	2.14	107	2.00	2.11	
Toluene*	<0.050	0.050	12/30/2024	ND	2.14	107	2.00	2.13	
Ethylbenzene*	<0.050	0.050	12/30/2024	ND	2.13	107	2.00	2.36	
Total Xylenes*	<0.150	0.150	12/30/2024	ND	6.37	106	6.00	2.11	
Total BTEX	<0.300	0.300	12/30/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/31/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/30/2024	ND	214	107	200	1.12	
DRO >C10-C28*	<10.0	10.0	12/30/2024	ND	200	100	200	0.233	
EXT DRO >C28-C36	<10.0	10.0	12/30/2024	ND					

Surrogate: 1-Chlorooctane 124 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received: 12/30/2024
 Reported: 12/31/2024
 Project Name: PILUM 15 FEE 2H BATTERY
 Project Number: 6-364
 Project Location: EDDY COUNTY

Sampling Date: 12/30/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: CSW 1 (H247785-17)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/30/2024	ND	2.14	107	2.00	2.11	
Toluene*	<0.050	0.050	12/30/2024	ND	2.14	107	2.00	2.13	
Ethylbenzene*	<0.050	0.050	12/30/2024	ND	2.13	107	2.00	2.36	
Total Xylenes*	<0.150	0.150	12/30/2024	ND	6.37	106	6.00	2.11	
Total BTEX	<0.300	0.300	12/30/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/31/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/30/2024	ND	214	107	200	1.12	
DRO >C10-C28*	<10.0	10.0	12/30/2024	ND	200	100	200	0.233	
EXT DRO >C28-C36	<10.0	10.0	12/30/2024	ND					

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received: 12/30/2024
 Reported: 12/31/2024
 Project Name: PILUM 15 FEE 2H BATTERY
 Project Number: 6-364
 Project Location: EDDY COUNTY

Sampling Date: 12/30/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: CSW 2 (H247785-18)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/30/2024	ND	2.14	107	2.00	2.11	
Toluene*	<0.050	0.050	12/30/2024	ND	2.14	107	2.00	2.13	
Ethylbenzene*	<0.050	0.050	12/30/2024	ND	2.13	107	2.00	2.36	
Total Xylenes*	<0.150	0.150	12/30/2024	ND	6.37	106	6.00	2.11	
Total BTEX	<0.300	0.300	12/30/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/31/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/30/2024	ND	214	107	200	1.12	
DRO >C10-C28*	<10.0	10.0	12/30/2024	ND	200	100	200	0.233	
EXT DRO >C28-C36	<10.0	10.0	12/30/2024	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
SEBASTIAN OROZCO
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 12/30/2024
Reported: 12/31/2024
Project Name: PILUM 15 FEE 2H BATTERY
Project Number: 6-364
Project Location: EDDY COUNTY

Sampling Date: 12/30/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: CSW 3 (H247785-19)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/30/2024	ND	2.14	107	2.00	2.11		
Toluene*	<0.050	0.050	12/30/2024	ND	2.14	107	2.00	2.13		
Ethylbenzene*	<0.050	0.050	12/30/2024	ND	2.13	107	2.00	2.36		
Total Xylenes*	<0.150	0.150	12/30/2024	ND	6.37	106	6.00	2.11		
Total BTEx	<0.300	0.300	12/30/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/31/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/30/2024	ND	214	107	200	1.12	
DRO >C10-C28*	<10.0	10.0	12/30/2024	ND	200	100	200	0.233	
EXT DRO >C28-C36	<10.0	10.0	12/30/2024	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received: 12/30/2024
 Reported: 12/31/2024
 Project Name: PILUM 15 FEE 2H BATTERY
 Project Number: 6-364
 Project Location: EDDY COUNTY

Sampling Date: 12/30/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: CSW 4 (H247785-20)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/30/2024	ND	2.14	107	2.00	2.11	
Toluene*	<0.050	0.050	12/30/2024	ND	2.14	107	2.00	2.13	
Ethylbenzene*	<0.050	0.050	12/30/2024	ND	2.13	107	2.00	2.36	
Total Xylenes*	<0.150	0.150	12/30/2024	ND	6.37	106	6.00	2.11	
Total BTX	<0.300	0.300	12/30/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/31/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/30/2024	ND	214	107	200	1.12	
DRO >C10-C28*	<10.0	10.0	12/30/2024	ND	200	100	200	0.233	
EXT DRO >C28-C36	<10.0	10.0	12/30/2024	ND					

Surrogate: 1-Chlorooctane 125 % 48.2-134

Surrogate: 1-Chlorooctadecane 127 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
SEBASTIAN OROZCO
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 12/30/2024
Reported: 12/31/2024
Project Name: PILUM 15 FEE 2H BATTERY
Project Number: 6-364
Project Location: EDDY COUNTY

Sampling Date: 12/30/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: CSW 5 (H247785-21)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/30/2024	ND	2.07	104	2.00	4.44	
Toluene*	<0.050	0.050	12/30/2024	ND	2.00	100	2.00	0.430	
Ethylbenzene*	<0.050	0.050	12/30/2024	ND	2.06	103	2.00	1.08	
Total Xylenes*	<0.150	0.150	12/30/2024	ND	6.26	104	6.00	1.47	
Total BTEX	<0.300	0.300	12/30/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/31/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/30/2024	ND	214	107	200	1.12	
DRO >C10-C28*	<10.0	10.0	12/30/2024	ND	200	100	200	0.233	
EXT DRO >C28-C36	<10.0	10.0	12/30/2024	ND					

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 127 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received: 12/30/2024
 Reported: 12/31/2024
 Project Name: PILUM 15 FEE 2H BATTERY
 Project Number: 6-364
 Project Location: EDDY COUNTY

Sampling Date: 12/30/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: CSW 6 (H247785-22)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/30/2024	ND	2.07	104	2.00	4.44	
Toluene*	<0.050	0.050	12/30/2024	ND	2.00	100	2.00	0.430	
Ethylbenzene*	<0.050	0.050	12/30/2024	ND	2.06	103	2.00	1.08	
Total Xylenes*	<0.150	0.150	12/30/2024	ND	6.26	104	6.00	1.47	
Total BTX	<0.300	0.300	12/30/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/31/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/30/2024	ND	214	107	200	1.12	
DRO >C10-C28*	<10.0	10.0	12/30/2024	ND	200	100	200	0.233	
EXT DRO >C28-C36	<10.0	10.0	12/30/2024	ND					

Surrogate: 1-Chlorooctane 125 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
SEBASTIAN OROZCO
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 12/30/2024
Reported: 12/31/2024
Project Name: PILUM 15 FEE 2H BATTERY
Project Number: 6-364
Project Location: EDDY COUNTY

Sampling Date: 12/30/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: CSW 7 (H247785-23)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/30/2024	ND	2.07	104	2.00	4.44	
Toluene*	<0.050	0.050	12/30/2024	ND	2.00	100	2.00	0.430	
Ethylbenzene*	<0.050	0.050	12/30/2024	ND	2.06	103	2.00	1.08	
Total Xylenes*	<0.150	0.150	12/30/2024	ND	6.26	104	6.00	1.47	
Total BTEx	<0.300	0.300	12/30/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/31/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/30/2024	ND	214	107	200	1.12	
DRO >C10-C28*	<10.0	10.0	12/30/2024	ND	200	100	200	0.233	
EXT DRO >C28-C36	<10.0	10.0	12/30/2024	ND					

Surrogate: 1-Chlorooctane 124 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
SEBASTIAN OROZCO
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 12/30/2024
Reported: 12/31/2024
Project Name: PILUM 15 FEE 2H BATTERY
Project Number: 6-364
Project Location: EDDY COUNTY

Sampling Date: 12/30/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: CSW 8 (H247785-24)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/30/2024	ND	2.07	104	2.00	4.44		
Toluene*	<0.050	0.050	12/30/2024	ND	2.00	100	2.00	0.430		
Ethylbenzene*	<0.050	0.050	12/30/2024	ND	2.06	103	2.00	1.08		
Total Xylenes*	<0.150	0.150	12/30/2024	ND	6.26	104	6.00	1.47		
Total BTEx	<0.300	0.300	12/30/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/31/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/30/2024	ND	214	107	200	1.12	
DRO >C10-C28*	<10.0	10.0	12/30/2024	ND	200	100	200	0.233	
EXT DRO >C28-C36	<10.0	10.0	12/30/2024	ND					

Surrogate: 1-Chlorooctane 126 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
SEBASTIAN OROZCO
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 12/30/2024
Reported: 12/31/2024
Project Name: PILUM 15 FEE 2H BATTERY
Project Number: 6-364
Project Location: EDDY COUNTY

Sampling Date: 12/30/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: CSW 9 (H247785-25)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/30/2024	ND	2.07	104	2.00	4.44	
Toluene*	<0.050	0.050	12/30/2024	ND	2.00	100	2.00	0.430	
Ethylbenzene*	<0.050	0.050	12/30/2024	ND	2.06	103	2.00	1.08	
Total Xylenes*	<0.150	0.150	12/30/2024	ND	6.26	104	6.00	1.47	
Total BTEX	<0.300	0.300	12/30/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/31/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/30/2024	ND	214	107	200	1.12	
DRO >C10-C28*	<10.0	10.0	12/30/2024	ND	200	100	200	0.233	
EXT DRO >C28-C36	<10.0	10.0	12/30/2024	ND					

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
 SEBASTIAN OROZCO
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received: 12/30/2024
 Reported: 12/31/2024
 Project Name: PILUM 15 FEE 2H BATTERY
 Project Number: 6-364
 Project Location: EDDY COUNTY

Sampling Date: 12/30/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: CSW 10 (H247785-26)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/30/2024	ND	2.07	104	2.00	4.44	
Toluene*	<0.050	0.050	12/30/2024	ND	2.00	100	2.00	0.430	
Ethylbenzene*	<0.050	0.050	12/30/2024	ND	2.06	103	2.00	1.08	
Total Xylenes*	<0.150	0.150	12/30/2024	ND	6.26	104	6.00	1.47	
Total BTEX	<0.300	0.300	12/30/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/31/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/30/2024	ND	214	107	200	1.12	
DRO >C10-C28*	<10.0	10.0	12/30/2024	ND	200	100	200	0.233	
EXT DRO >C28-C36	<10.0	10.0	12/30/2024	ND					

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
SEBASTIAN OROZCO
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 12/30/2024
Reported: 12/31/2024
Project Name: PILUM 15 FEE 2H BATTERY
Project Number: 6-364
Project Location: EDDY COUNTY

Sampling Date: 12/30/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: CSW 11 (H247785-27)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/30/2024	ND	2.07	104	2.00	4.44	
Toluene*	<0.050	0.050	12/30/2024	ND	2.00	100	2.00	0.430	
Ethylbenzene*	<0.050	0.050	12/30/2024	ND	2.06	103	2.00	1.08	
Total Xylenes*	<0.150	0.150	12/30/2024	ND	6.26	104	6.00	1.47	
Total BTEx	<0.300	0.300	12/30/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/31/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/30/2024	ND	214	107	200	1.12	
DRO >C10-C28*	<10.0	10.0	12/30/2024	ND	200	100	200	0.233	
EXT DRO >C28-C36	<10.0	10.0	12/30/2024	ND					

Surrogate: 1-Chlorooctane 127 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PIMA ENVIROMENTAL
SEBASTIAN OROZCO
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 12/30/2024
Reported: 12/31/2024
Project Name: PILUM 15 FEE 2H BATTERY
Project Number: 6-364
Project Location: EDDY COUNTY

Sampling Date: 12/30/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: BACKFILL 1 (H247785-28)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/30/2024	ND	2.07	104	2.00	4.44		
Toluene*	<0.050	0.050	12/30/2024	ND	2.00	100	2.00	0.430		
Ethylbenzene*	<0.050	0.050	12/30/2024	ND	2.06	103	2.00	1.08		
Total Xylenes*	<0.150	0.150	12/30/2024	ND	6.26	104	6.00	1.47		
Total BTX	<0.300	0.300	12/30/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/31/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/30/2024	ND	214	107	200	1.12	
DRO >C10-C28*	<10.0	10.0	12/30/2024	ND	200	100	200	0.233	
EXT DRO >C28-C36	<10.0	10.0	12/30/2024	ND					

Surrogate: 1-Chlorooctane 124 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- S-05 The surrogate recovery is outside of lab established statistical control limits but still within method limits. Data is not adversely affected.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Mike Snyder", is written over a horizontal line.

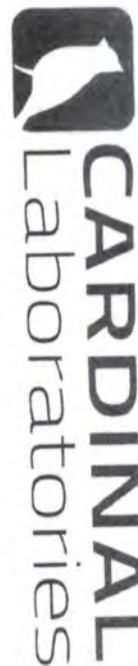
Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name: Pima Environmental Services Project Manager: Sebastian Drazo Address: 5614 N. Lovington Hwy City: Hobbs Phone #: 575-964-7740 State: NM Zip: 88240 Project #: 6-364 Project Name: PUM 15 Feb 24 Battery Project Location: Eddy County Sample Name: Manta lella		P.O. #: Company: SPUR Attn: Address: City: State: Zip: Phone #: Fax #:	
FOR LAB USE ONLY Lab I.D. Sample I.D.		BILL TO ANALYSIS REQUEST	
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.		REMARKS: Billing# AFE824048 Sebastian@pimail.com *Rush 24hrs*	
Relinquished By: Karine Adame Relinquished By: [Signature] Time: 12:30-24 Date: 12/30/24 Received By: [Signature] Date: 12/30/24		Sample Condition Cool <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No CHECKED BY: [Signature]	
Delivered By: (Circle One) - 3.00 / 1.40 Sampler - UPS - Bus - Other: - 3.00 / 1.40		DATE 12/30 TIME 7:07 DATE 12/30 TIME 7:11 DATE 12/30 TIME 7:20 DATE 12/30 TIME 7:24 DATE 12/30 TIME 7:33 DATE 12/30 TIME 7:38 DATE 12/30 TIME 7:40 DATE 12/30 TIME 7:43 DATE 12/30 TIME 7:56 DATE 12/30 TIME 8:00	
Matrix (G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL <input checked="" type="checkbox"/> OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:		PRESERV SAMPLING	
BTEx Chlorides TPH			



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name: Pima Environmental Services Project Manager: Sebastian Grozo Address: 5614 N. Lovington Hwy City: Hobbs Phone #: 575-964-7740 Fax #: State: NM Zip: 88240		P.O. #: Company: Spur Attn: Address: City: State: Zip: Phone #: Fax #:	
Project #: 6-344 Project Name: 110M 15 Fee 2H Battery Project Location: Eddy County Sample Name: Martha Lopez		Project Owner: Spur City: State: Zip: Phone #: Fax #:	
FOR LAB USE ONLY			
Lab I.D. 1124-7785 01 CSUS 02 CSUG 03 CSU1 04 CSUS 05 CSUG 06 CSU1 07 CSU1 08 Backfill 1	Sample I.D. (G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	MATRIX PRESERV SAMPLING	DATE 12/30 TIME 9:28 9:33 9:36 9:41 9:44 9:56 10:07 10:10
Relinquished By: <u>Sebastian Grozo</u> Date: 12/30/19 Time: 10:10 Received By: <u>Sebastian Grozo</u> Date: 12/30/19 Time: 10:10			
Delivered By: (Circle One) <u>UPS</u> <u>Bus</u> <u>Other</u> Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Checked By: <u>Sebastian Grozo</u> (Initials) Remarks: Billing # 1124-7785			

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

QUESTIONS

Action 425570

QUESTIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 425570
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2429738206
Incident Name	NAPP2429738206 PILUM 15 FEE 2H BATTERY @ 0
Incident Type	Release Other
Incident Status	Remediation Closure Report Received
Incident Facility	[fAPP2203440160] Pilum 15 Fee 2H Tank Battery

Location of Release Source

Please answer all the questions in this group.

Site Name	PILUM 15 FEE 2H BATTERY
Date Release Discovered	10/21/2024
Surface Owner	Private

Incident Details

Please answer all the questions in this group.

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

Nature and Volume of Release

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

Crude Oil Released (bbls) Details	Cause: High Line Pressure Pipeline (Any) Crude Oil Released: 2 BBL Recovered: 0 BBL Lost: 2 BBL.
Produced Water Released (bbls) Details	Cause: High Line Pressure Pipeline (Any) Produced Water Released: 9 BBL Recovered: 0 BBL Lost: 9 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	HIGH PRESSURE ON A POLY DISCHARGE LINE SPLIT CAUSING A SPILL INTO PASTURE

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QUESTIONS, Page 2

Action 425570

QUESTIONS (continued)

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 425570
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>
<i>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.</i>	

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	N/A

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: Katherine Purvis Title: EHS Coordinator Email: katherine.purvis@spurenergy.com Date: 10/23/2024
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QUESTIONS, Page 3

Action 425570

QUESTIONS (continued)

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 425570
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
<i>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.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 26 and 50 (ft.)
What method was used to determine the depth to ground water	U.S. Geological Survey
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	Between ½ and 1 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between ½ and 1 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between ½ and 1 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Between 1000 (ft.) and ½ (mi.)
A subsurface mine	Between 1 and 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1000 (ft.) and ½ (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
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)	22800
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	6531
GRO+DRO (EPA SW-846 Method 8015M)	4769.4
BTEX (EPA SW-846 Method 8021B or 8260B)	1.7
Benzene (EPA SW-846 Method 8021B or 8260B)	0.1
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	12/15/2024
On what date will (or did) the final sampling or liner inspection occur	12/30/2024
On what date will (or was) the remediation complete(d)	01/01/2025
What is the estimated surface area (in square feet) that will be reclaimed	3200
What is the estimated volume (in cubic yards) that will be reclaimed	1112
What is the estimated surface area (in square feet) that will be remediated	3200
What is the estimated volume (in cubic yards) that will be remediated	1112
<i>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.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 4

Action 425570

QUESTIONS (continued)

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 425570
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	LEA LAND LANDFILL [FEEM0112342028]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Katherine Purvis Title: EHS Coordinator Email: katherine.purvis@spurenergy.com Date: 01/28/2025
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 425570

QUESTIONS (continued)

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 425570
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 425570

QUESTIONS (continued)

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 425570
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	415043
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	12/30/2024
What was the (estimated) number of samples that were to be gathered	27
What was the sampling surface area in square feet	3200

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	3200
What was the total volume (cubic yards) remediated	1112
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	3200
What was the total volume (in cubic yards) reclaimed	1112
Summarize any additional remediation activities not included by answers (above)	CONTAMINATED SOIL WAS REMOVED AND TESTED TO MEET THE STRICTEST STANDARDS SET FORTH BY NMOCD

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: Katherine Purvis Title: EHS Coordinator Email: katherine.purvis@spurenergy.com Date: 01/28/2025
--	---

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QUESTIONS, Page 7

Action 425570

QUESTIONS (continued)

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	Action Number: 425570
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 425570

CONDITIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 425570
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #NAPP2429738206 PILUM 15 FEE 2H BATTERY, thank you. This Remediation Closure Report is approved.	2/6/2025