

Incident ID	NAPP2113931748
District RP	
Facility ID	
Application ID	


Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

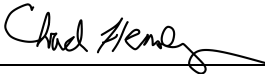
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Dakota Neel Title: HSE Coordinator
Signature:  Date: 10/28/2021
email: dneel@spurepllc.com Telephone: 832-849-7837

OCD Only

Received by: Chad Hensley Date: 01/07/2022

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by:  Date: 01/07/2022
Printed Name: Chad Hensley Title: Environmental Specialist Advanced



Pima Environmental Services, LLC
1601 N. Turner Ste 500
Hobbs, NM 88240
575-964-7740

October 28th, 2021

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

Re: Closure Report
Jon-Bob #1 Water Transfer Line
API No. 30-025-24973
GPS: Latitude 32.7964058 Longitude -103.7295532
UL "H", Sec. 35, T17S, R32E
Lea County, NM
NMOCD Incident. No. NAPP2113931748

Pima Environmental Services, LLC (Pima) has been contracted by Spur Energy Partners LLC (Spur) to perform a spill assessment, site remediation activities, and write this closure report for the open release that occurred at the Jon-Bob #1 Water Transfer Line (Jon-Bob). For this incident, the initial C-141 was submitted on May 28, 2021 (Appendix C). This incident was assigned Incident ID NAPP2113931748, by the New Mexico Oil Conservation Division (NMOCD).

Site Characterization

The Jon-Bob is located approximately thirty-five (35) miles west of Hobbs, NM. This spill site is in Unit H, Section 35, Township 17S, Range 32E, Latitude 32.792843, Longitude -103.731364, Lea County, NM. Figure 4 references a Location Map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is in the Quaternary Formation - Eolian and piedmont deposits (Holocene to middle Pleistocene)-interlayered eolian sands and piedmont-slope deposits (QEP). The soil in this area is made up of Berino loamy fine sands, 0 to 3 percent slopes according to the United States Department of Agriculture Natural Resources Conservation Service soil survey (Appendix B). The drainage courses in this area are well-drained. There is a low potential for karst geology to be present around the Jon-Bob (Figure 3).

According to the New Mexico Office of the State Engineer, depth to the nearest groundwater in this area is 240 feet below grade surface (BGS). According to the United States Geological Survey, depth to the nearest groundwater in this area is 60 feet BGS. The nearest surface water is a playa located approximately 1.6 miles to the northwest. See Appendix A for referenced water surveys.

Release Information

On May 15, 2021, a leak was discovered coming from the Jon Bob #1 flowline. Upon further investigation the flowline appeared to have been damaged by a vehicle driving over the poly line. The released fluids were calculated to be approximately 47 barrels (bbls) of produced water. A vacuum truck was dispatched and was able to recover approximately 27 bbls.

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.

Site Assessment and Soil Sampling Results

On May 17th, 2021, Pima Environmental mobilized to the site to conduct a site assessment and obtain soil samples with a hand auger. Upon first look, there are some visual staining from the release. We sampled based on the noticeable staining and wet areas from the spill.

On July 28th, 2021, Pima Environmental submitted a remediation plan on behalf of Spur which was approved by the NMOCD on the same day. The OCD-approved remediation plan can be found in Appendix F.

On September 8th, 2021, Pima mobilized personnel and equipment to the site to begin remediation activities. We excavated each contaminated area in the pasture and the lease road to the correct depths then collected samples from the bottoms and sidewalls to confirm that all the contamination had been removed. The results of this sampling event can be found in the following table.

9-10-21 Excavation Soil Sample Results								
NMOCD Table 1 Closure Criteria 19.15.29 NMAC - DTGW is <50'								
Spur Energy - Jon-Bob #001 Water Transfer Line								
Sample Date 9/10/2021		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
CS-1	1'	ND	ND	ND	ND	ND	0	ND
CS-2	1'	ND	ND	ND	ND	ND	0	ND
CS-3	1'	ND	ND	ND	ND	ND	0	ND
CS-4	1'	ND	ND	ND	ND	ND	0	ND
CS-5	4'	ND	ND	ND	ND	ND	0	ND
CS-6	4'	ND	ND	ND	ND	ND	0	ND
CS-7	4'	ND	ND	ND	ND	ND	0	ND
CS-8	4'	ND	ND	ND	ND	ND	0	ND
CS-9	4'	ND	ND	ND	ND	ND	0	ND
CS-10	4'	ND	ND	ND	ND	ND	0	ND
CS-11	3'	ND	ND	ND	ND	ND	0	ND
CS-12	3'	ND	ND	ND	ND	ND	0	ND
CS-13	3'	ND	ND	ND	ND	ND	0	ND
CS-14	2'	ND	ND	ND	ND	ND	0	ND
CS-15	2'	ND	ND	ND	ND	ND	0	ND
CS-16	2'	ND	ND	ND	ND	ND	0	ND
CS-17	2'	ND	ND	ND	ND	ND	0	ND
CS-18	1'	ND	ND	ND	ND	ND	0	ND
CS-19	1'	ND	ND	ND	ND	ND	0	ND
CS-20	1'	ND	ND	ND	ND	ND	0	ND
CS-21	1'	ND	ND	ND	ND	ND	0	ND
SW-1	1'	ND	ND	ND	ND	ND	0	ND
SW-2	1'	ND	ND	ND	ND	ND	0	ND
SW-3	1'	ND	ND	ND	ND	ND	0	ND
SW-4	1'	ND	ND	ND	ND	ND	0	ND
SW-5	1'	ND	ND	ND	ND	ND	0	ND
SW-6	1'	ND	ND	ND	ND	ND	0	ND
SW-7	4'	ND	ND	ND	ND	ND	0	ND
SW-8	4'	ND	ND	ND	ND	ND	0	ND
SW-9	1'	ND	ND	ND	ND	ND	0	ND
SW-10	1'	ND	ND	ND	ND	ND	0	ND
SW-11	1'	ND	ND	ND	ND	ND	0	ND
SW-12	1'	ND	ND	ND	ND	ND	0	ND
SW-13	1'	ND	ND	ND	ND	ND	0	ND
SW-14	2'	ND	ND	ND	ND	ND	0	ND
SW-15	3'	ND	ND	ND	ND	ND	0	ND
SW-16	3'	ND	ND	ND	ND	ND	0	ND
SW-17	3'	ND	ND	ND	ND	ND	0	ND
SW-18	4'	ND	ND	ND	ND	ND	0	ND
SW-19	4'	ND	ND	ND	ND	ND	0	ND

ND - Analyte Not Detected

On September 11th, 2021, Pima returned to the site to complete the remediation process. The contaminated soil from the pasture areas was tilled and treated with a bioremediation chemical solution a total of 3 times. Then each area was backfilled with this material. The contaminated soil from the lease road area was hauled off to an approved, lined landfill facility and new backfill material was brought in to rebuild the road.

On October 15th, 2021, after sending a 48-hour notification, Pima returned to the site to collect confirmation samples of each remediated area. The results of this sampling event can be found in the following table.

10-15-21 Confirmation Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC - DTGW is <50'								
Spur Energy - Jon-Bob #001 Water Transfer Line								
Sample Date 10/15/2021		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	CI mg/kg
CS-1	6"	ND	ND	ND	ND	ND	0	ND
CS-2	6"	ND	ND	ND	ND	ND	0	ND
CS-3	6"	ND	ND	ND	ND	ND	0	ND
CS-4	6"	ND	ND	ND	ND	ND	0	ND
CS-5	2'	ND	ND	ND	ND	ND	0	ND
CS-6	2'	ND	ND	ND	ND	ND	0	ND
CS-7	2'	ND	ND	ND	ND	ND	0	ND
CS-8	2'	ND	ND	ND	ND	ND	0	ND
CS-9	2'	ND	ND	ND	ND	ND	0	ND
CS-10	2'	ND	ND	ND	ND	ND	0	ND
CS-11	1.5'	ND	ND	ND	ND	ND	0	ND
CS-12	1.5'	ND	ND	ND	ND	ND	0	ND
CS-13	1.5'	ND	ND	ND	ND	ND	0	ND
CS-14	1'	ND	ND	ND	ND	ND	0	ND
CS-15	1'	ND	ND	ND	ND	ND	0	ND
CS-16	1'	ND	ND	ND	ND	ND	0	ND
CS-17	1'	ND	ND	ND	ND	ND	0	ND
CS-18	6"	ND	ND	ND	ND	ND	0	ND
CS-19	6"	ND	ND	ND	ND	ND	0	ND
CS-20	6"	ND	ND	ND	ND	ND	0	ND
CS-21	6"	ND	ND	ND	ND	ND	0	ND

ND – Analyte Not Detected

Complete Laboratory Reports are attached in Appendix D.

Closure Request

After careful review, Pima requests that this incident, NAPP2113931748, be closed. Spur has complied with the applicable closure requirements set forth in rule 19.15.19.12 NMAC.

Should you have any questions or need additional information, please feel free to contact Tom Bynum at 575-964-7740 or tom@pimaoil.com.

Respectfully,

Tom Bynum

Tom Bynum
Environmental Project Manager
Pima Environmental Services, LLC

Attachments**Figures:**

- 1- Location Map
- 2- Topo Map
- 3- Karst Map
- 4- Site Map
- 5- Excavation Sample Map
- 6- Confirmation Sample Map

Appendices:

- Appendix A – Referenced Water Surveys
Appendix B – Soil Survey and Geological Data
Appendix C – C-141 Forms
Appendix D – Photographic Documentation
Appendix E – Laboratory Reports
Appendix F – NMOCD-Approved Remediation Plan



Pima Environmental Services

Figures:

1-Location Map

2-Topographic Map

3-Karst Map

4-Site Map

5-Excavation Sample Map

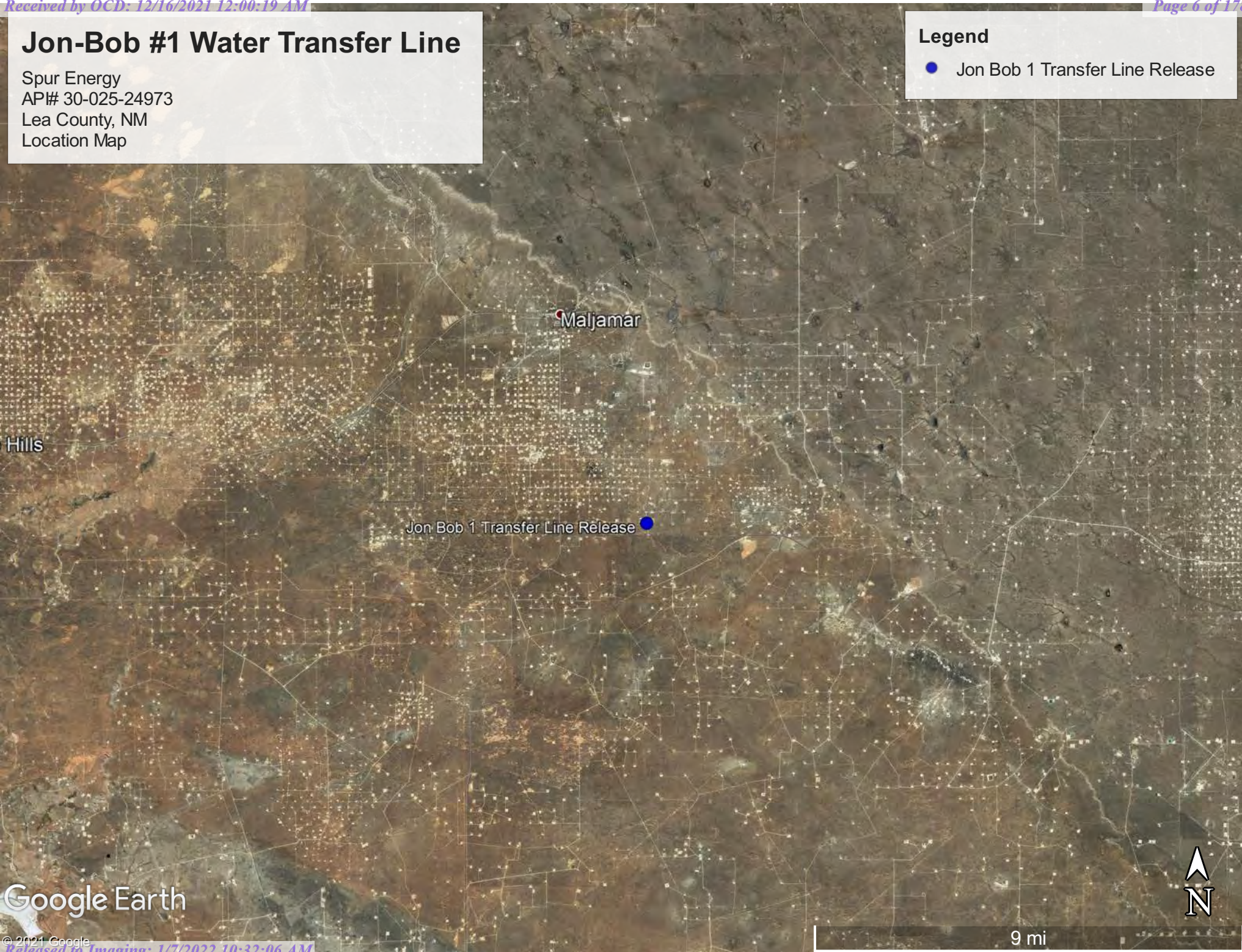
6-Confirmation Sample Map

Jon-Bob #1 Water Transfer Line

Spur Energy
AP# 30-025-24973
Lea County, NM
Location Map

Legend

- Jon Bob 1 Transfer Line Release



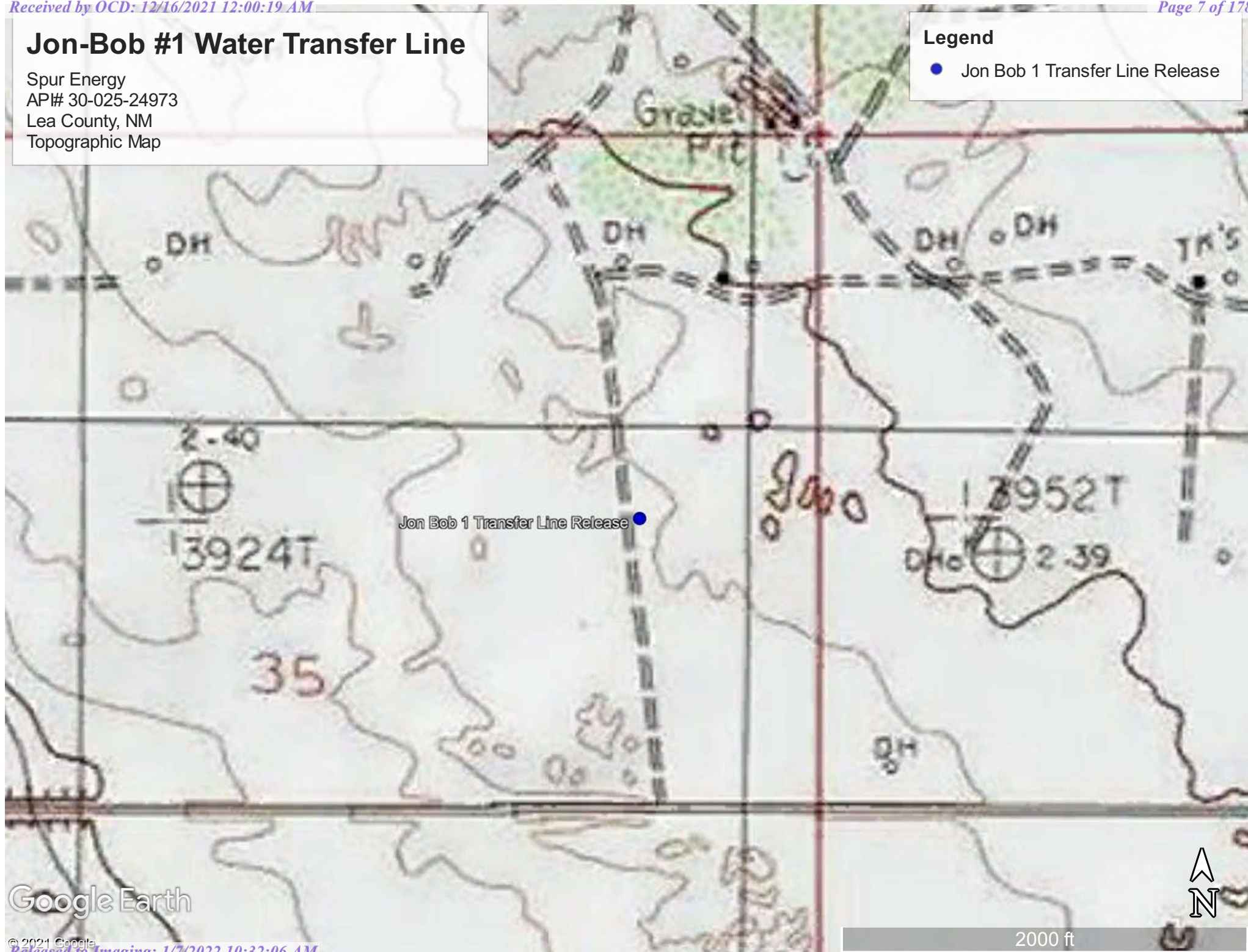
Google Earth



9 mi

Spur Energy
API# 30-025-24973
Lea County, NM
Topographic Map

- Jon Bob 1 Transfer Line Release



Jon-Bob #1 Water Transfer Line

Spur Energy
API# 30-025-24973
Lea County, NM
Karst Map

Legend

- High Karst
- Low Karst
- Medium Karst

Loco Hills

Maljamar

Jon Bob 1 Transfer Line Release

Google Earth






9 mi

Jon-Bob #1 Water Transfer Line

Spur Energy
AP# 30-025-24973
Lea County, NM
Site Map

Legend

-  Samples
-  Spill Area

 32.793326, -103.732116

Jon Bob 1 Transfer Line Release

S-2

S-3

S-4

S-5

S-6

S-1

Google Earth

100 ft

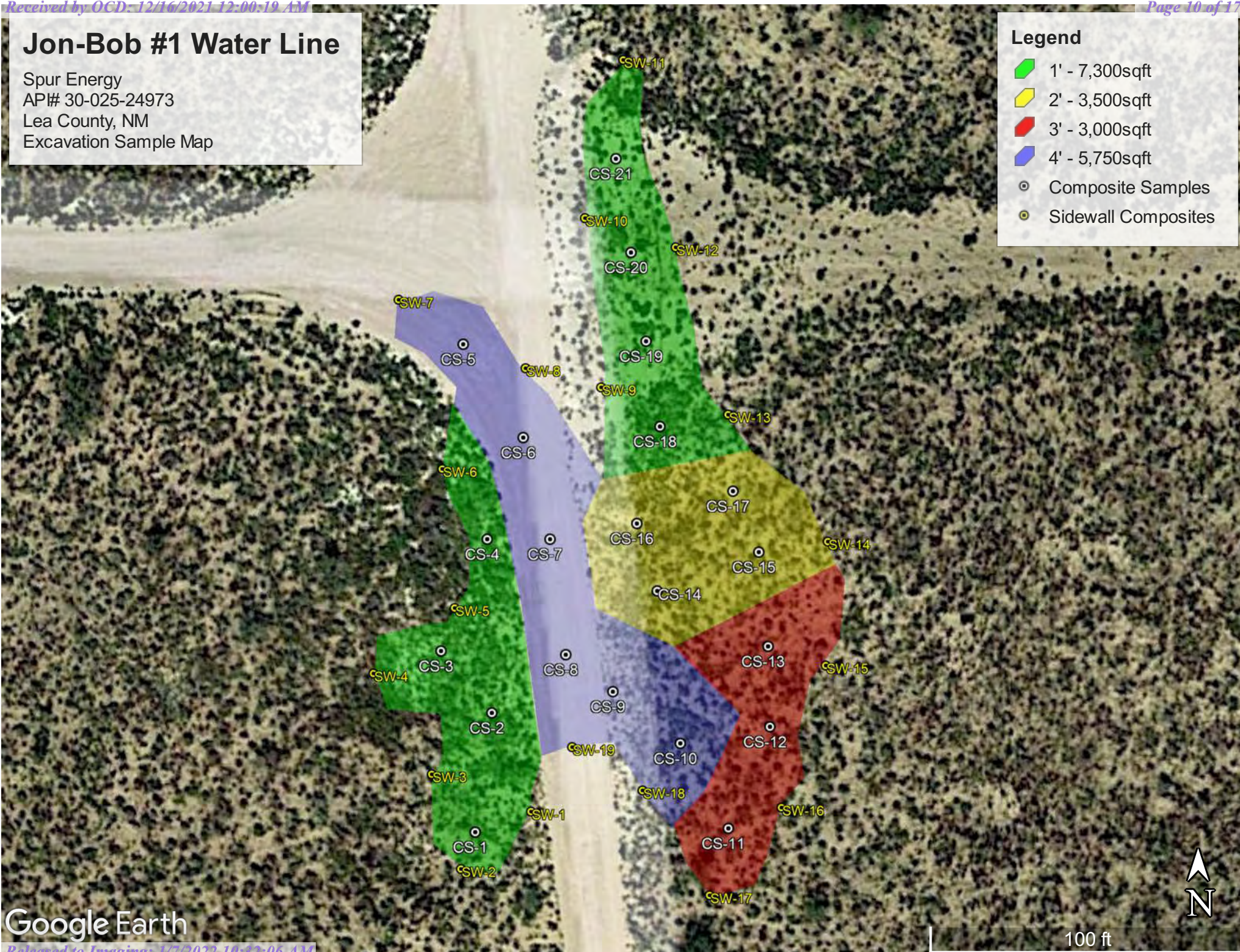


Jon-Bob #1 Water Line

Spur Energy
API# 30-025-24973
Lea County, NM
Excavation Sample Map

Legend

- 1' - 7,300sqft
- 2' - 3,500sqft
- 3' - 3,000sqft
- 4' - 5,750sqft
- Composite Samples
- Sidewall Composites

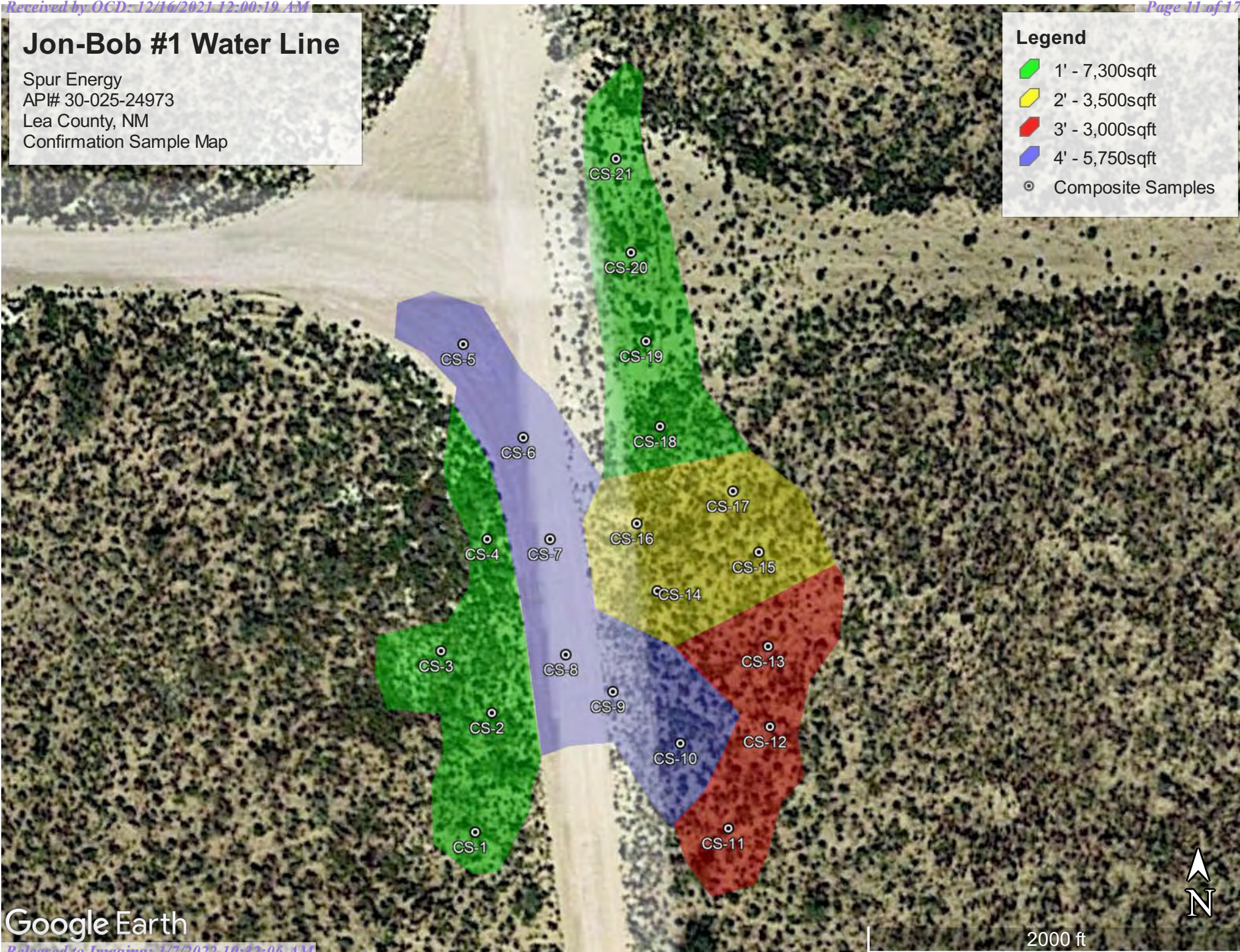


Jon-Bob #1 Water Line

Spur Energy
AP# 30-025-24973
Lea County, NM
Confirmation Sample Map

Legend

- 1' - 7,300sqft
- 2' - 3,500sqft
- 3' - 3,000sqft
- 4' - 5,750sqft
- Composite Samples





Pima Environmental Services

Appendix A

Water Surveys:

OSE

USGS

Surface Water Map



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
L 13909 POD1		L	LE	4	1	4	31	17S	33E	621735	3628514	2910	240	240	0
RA 11911 POD1		RA	LE	1	3	1	24	17S	32E	619192	3632296	3249	35		
RA 12721 POD5		RA	LE	2	4	4	28	17S	32E	615650	3629961	3349	130	124	6
RA 12721 POD6		RA	LE	1	2	2	33	17S	32E	615530	3629431	3365	130		
RA 12721 POD3		RA	LE	2	3	4	28	17S	32E	615417	3629979	3578	115		
RA 12721 POD7		RA	LE	1	3	2	33	17S	32E	615064	3629198	3814	130		
RA 12721 POD4		RA	LE	1	1	2	33	17S	32E	615055	3629589	3857	140		
RA 11957 POD1		RA	LE	3	4	1	19	17S	33E	621177	3632200	3891	55		
RA 11937 POD1		RA	LE	1	4	1	19	17S	33E	621244	3632281	3996	95		

Average Depth to Water: **182 feet**

Minimum Depth: **124 feet**

Maximum Depth: **240 feet**

Record Count: 9

UTMNAD83 Radius Search (in meters):

Easting (X): 618875.989

Northing (Y): 3629062.528

Radius: 4000

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

8/3/21 10:49 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER



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

National Water Information System: Web Interface

USGS Water Resources

Data Category:

Groundwater

Geographic Area:

United States

GO

Click to hide News Bulletins

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

Groundwater levels for the Nation

* IMPORTANT: [Next Generation Station Page](#)

Search Results -- 1 sites found

site_no list =

- 324829103420201

Minimum number of levels = 1

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

USGS 324829103420201 17S.33E.30.12432

Available data for this site

Groundwater: Field measurements

GO

Lea County, New Mexico

Hydrologic Unit Code 12080003

Latitude 32°48'35", Longitude 103°42'13" NAD27

Land-surface elevation 4,051.40 feet above NGVD29

This well is completed in the High Plains aquifer (N100HGHPLN) national aquifer.

This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

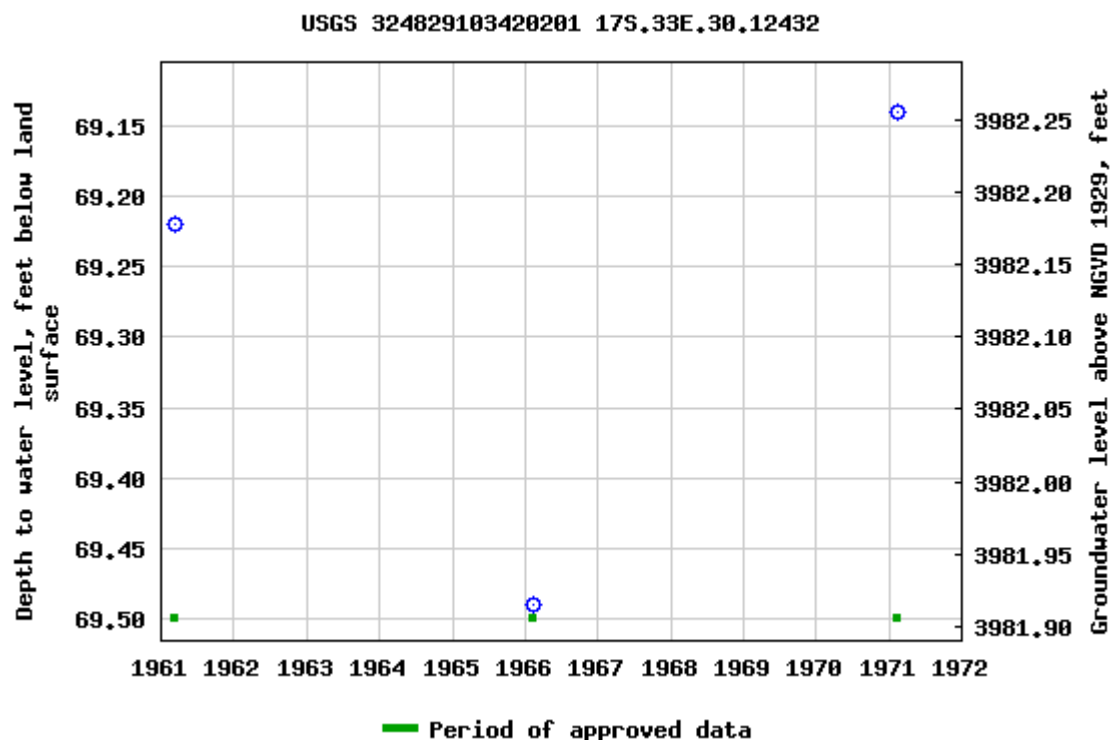
Output formats

[Table of data](#)

[Tab-separated data](#)

[Graph of data](#)

[Reselect period](#)



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

[Download a presentation-quality graph](#)

[Questions about sites/data?](#)

[Feedback on this web site](#)

[Automated retrievals](#)

[Help](#)

[Data Tips](#)

[Explanation of terms](#)

[Subscribe for system changes](#)

[News](#)

[Accessibility](#)

[FOIA](#)

[Privacy](#)

[Policies and Notices](#)

[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)

Title: Groundwater for USA: Water Levels

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

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

Page Last Modified: 2021-08-03 12:51:44 EDT

0.56 0.49 nadww02





USGS Home
Contact USGS
Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category:


Groundwater

Geographic Area:

United States

GO

Click to hide News Bulletins

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

Groundwater levels for the Nation

* IMPORTANT: [Next Generation Station Page](#)

Search Results -- 1 sites found

site_no list =

- 324753103410201

Minimum number of levels = 1

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

USGS 324753103410201 17S.33E.29.34411

Available data for this site

Groundwater: Field measurements

GO

Lea County, New Mexico

Hydrologic Unit Code 13060011

Latitude 32°47'59", Longitude 103°41'12" NAD27

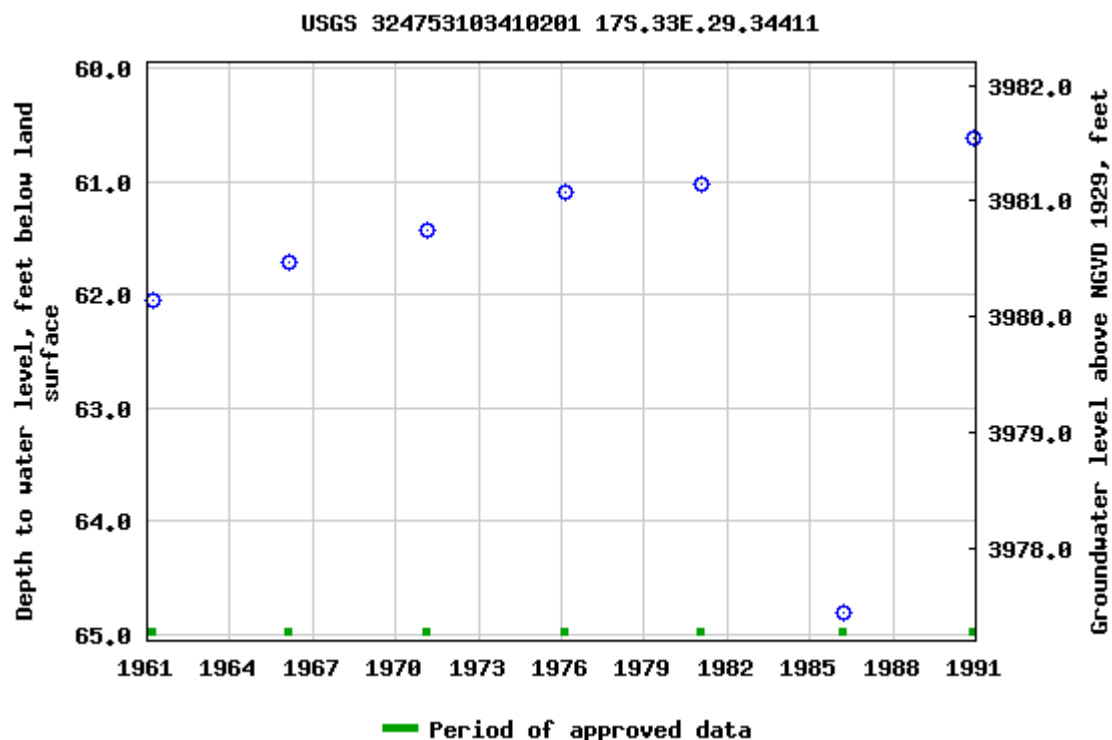
Land-surface elevation 4,042.20 feet above NGVD29

This well is completed in the High Plains aquifer (N100HGHPLN) national aquifer.

This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

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



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

[Download a presentation-quality graph](#)

[Questions about sites/data?](#)

[Feedback on this web site](#)

[Automated retrievals](#)

[Help](#)

[Data Tips](#)

[Explanation of terms](#)

[Subscribe for system changes](#)

[News](#)

[Accessibility](#)

[FOIA](#)

[Privacy](#)

[Policies and Notices](#)

[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)

Title: Groundwater for USA: Water Levels

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

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

Page Last Modified: 2021-08-03 12:52:19 EDT



0.55 0.47 nadww02



Jon-Bob 1 Water Transfer Line

Spur Energy
API #30-025-24973
Lea County, NM
Surface Water Map

Legend

-  1.6 Miles
-  Playa

Conoco Pond  Playa

Jon Bob 1 Transfer Line Release

Google Earth



4000 ft



Pima Environmental Services

Appendix B

Soil Survey & Geological Data

FEMA Flood Map

Map Unit Description: Pyote and Maljamar fine sands---Lea County, New Mexico

Lea County, New Mexico

PU—Pyote and Maljamar fine sands

Map Unit Setting

National map unit symbol: dmqq

Elevation: 3,000 to 3,900 feet

Mean annual precipitation: 10 to 12 inches

Mean annual air temperature: 60 to 62 degrees F

Frost-free period: 190 to 205 days

Farmland classification: Not prime farmland

Map Unit Composition

Pyote and similar soils: 46 percent

Maljamar and similar soils: 44 percent

Minor components: 10 percent

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

Description of Pyote

Setting

Landform: Plains

Landform position (three-dimensional): Rise

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Sandy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 30 inches: fine sand

Bt - 30 to 60 inches: fine sandy loam

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Runoff class: Negligible

Capacity of the most limiting layer to transmit water (Ksat): High
(2.00 to 6.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 5 percent

Gypsum, maximum content: 1 percent

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

Sodium adsorption ratio, maximum: 2.0

Available water capacity: Low (about 5.1 inches)

Interpretive groups

Land capability classification (irrigated): 6e

Map Unit Description: Pyote and Maljamar fine sands---Lea County, New Mexico

Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: A
Ecological site: R042XC003NM - Loamy Sand
Hydric soil rating: No

Description of Maljamar

Setting

Landform: Plains
Landform position (three-dimensional): Rise
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Sandy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 24 inches: fine sand
Bt - 24 to 50 inches: sandy clay loam
Bkm - 50 to 60 inches: cemented material

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 40 to 60 inches to petrocalcic
Drainage class: Well drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 5 percent
Gypsum, maximum content: 1 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water capacity: Low (about 5.6 inches)

Interpretive groups

Land capability classification (irrigated): 6e
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: B
Ecological site: R042XC003NM - Loamy Sand
Hydric soil rating: No

Minor Components

Kermit

Percent of map unit: 10 percent
Ecological site: R042XC022NM - Sandhills

Map Unit Description: Pyote and Maljamar fine sands---Lea County, New Mexico

Hydric soil rating: No

Data Source Information

Soil Survey Area: Lea County, New Mexico

Survey Area Data: Version 17, Jun 8, 2020

National Flood Hazard Layer FIRMette



103°44'12"W 32°47'51"N



Legend

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

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



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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **8/3/2021 at 1:04 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: 1/7/2022 10:32:06 AM

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020



Pima Environmental Services

Appendix C

C-141's:

Initial

Final

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural
Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	nAPP2113931748
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	Spur Energy Partners LLC	OGRID	328947
Contact Name	Braidy Moulder	Contact Telephone	713-264-2517
Contact email	bmoulder@spurepllc.com	Incident # (assigned by OCD)	nAPP2113931748
Contact mailing address	2407 Pecos Avenue, Artesia, NM 88210		

Location of Release Source

Latitude 32.792843 Longitude 103.731364
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Jon-Bob #001 WATER TRANSFER LINE	Site Type	Production
Date Release Discovered	5/15/2021	API# (if applicable)	30-025-24973

Unit Letter	Section	Township	Range	County
H	35	17S	32E	Lea

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

Nature and Volume of Release

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

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 47	Volume Recovered (bbls) 27
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

A water transfer line ruptured. The release impacted the pasture with overspray. Vacuum trucks were immediately dispatched to recover all standing fluids.

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2113931748
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? This release was greater than 25 bbls.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? A notification was sent by Braidy Moulder (SPUR) to Robert Hamlet and Mike Bratcher (OCD) via email on 5/16/2021 at 12:17P.M.	

Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why: 	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: <u>Dakota Neel</u>	Title: <u>HSE Coordinator</u>
Signature: <u></u>	Date: <u>5/28/2021</u>
email: <u>dneel@spurepllc.com</u>	Telephone: <u>832-849-7837</u>
<u>OCD Only</u>	
Received by: _____	Date: _____

Incident ID	
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: *Each of the following items must be included in the plan.*

- ☐ Detailed description of proposed remediation technique
- ☐ Scaled sitemap with GPS coordinates showing delineation points
- ☐ Estimated volume of material to be remediated
- ☐ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☐ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: *Each of the following items must be confirmed as part of any request for deferral of remediation.*

- ☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ Extents of contamination must be fully delineated.
- ☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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

Printed Name: _____ Title: _____

Signature:  Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____ Date: _____

Incident ID	NAPP2113931748
District RP	
Facility ID	
Application ID	


Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Dakota Neel Title: HSE Coordinator
Signature:  Date: 10/28/2021
email: dneel@spurepllc.com Telephone: 832-849-7837

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____



Pima Environmental Services

Appendix D

Photographic Documentation



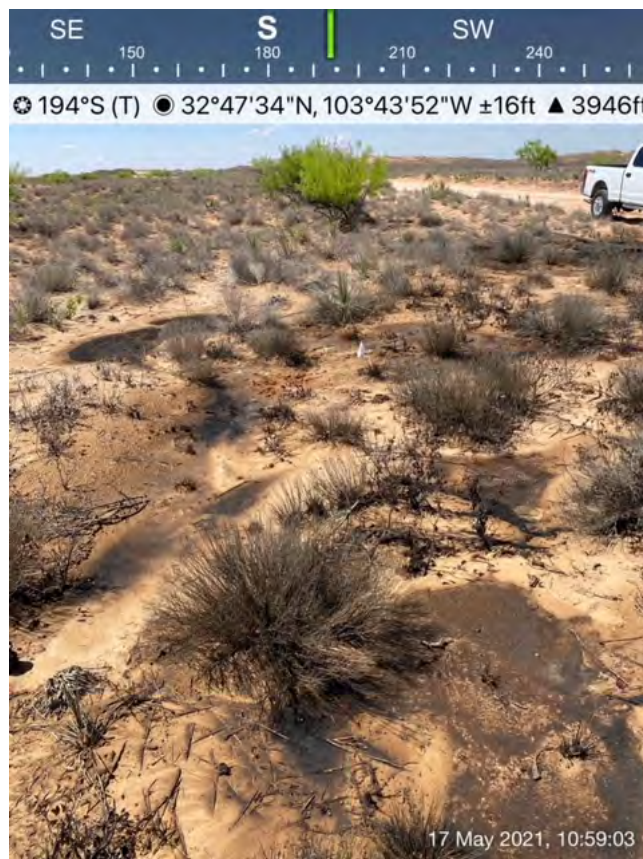
SITE PHOTOGRAPHS
SPUR ENERGY – JON-BOB #001 WATER TRANSFER LINE

Pre-Treatment











Remediation Activities







Post Treatment





Pima Environmental Services

Appendix E

Laboratory Reports



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

September 15, 2021

CHRIS JONES

PIMA ENVIROMENTAL

1601 N TURNER STE. 500

HOBBS, NM 88240

RE: JON BOB #1

Enclosed are the results of analyses for samples received by the laboratory on 09/10/21 16:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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 "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
CHRIS JONES
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 09/10/2021
Reported: 09/15/2021
Project Name: JON BOB #1
Project Number: G-19
Project Location: SPUR - EDDY CO NM

Sampling Date: 09/10/2021
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: CS - 1 (H212522-01)

BTX 8021B		mg/kg	Analyzed By: MS					HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2021	ND	1.90	95.0	2.00	8.77	
Toluene*	<0.050	0.050	09/13/2021	ND	1.88	94.1	2.00	10.6	
Ethylbenzene*	<0.050	0.050	09/13/2021	ND	1.91	95.6	2.00	8.02	
Total Xylenes*	<0.150	0.150	09/13/2021	ND	5.88	98.0	6.00	7.96	
Total BTX	<0.300	0.300	09/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/13/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg	Analyzed By: MS					HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2021	ND	206	103	200	8.71	
DRO >C10-C28*	<10.0	10.0	09/13/2021	ND	198	99.0	200	6.63	
EXT DRO >C28-C36	<10.0	10.0	09/13/2021	ND					

Surrogate: 1-Chlorooctane 100 % 44.3-133

Surrogate: 1-Chlorooctadecane 106 % 38.9-142

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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
CHRIS JONES
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 09/10/2021
Reported: 09/15/2021
Project Name: JON BOB #1
Project Number: G-19
Project Location: SPUR - EDDY CO NM

Sampling Date: 09/10/2021
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: CS - 2 (H212522-02)

BTX 8021B			mg/kg					Analyzed By: MS		HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Benzene*	<0.050	0.050	09/13/2021	ND	1.90	95.0	2.00	8.77			
Toluene*	<0.050	0.050	09/13/2021	ND	1.88	94.1	2.00	10.6			
Ethylbenzene*	<0.050	0.050	09/13/2021	ND	1.91	95.6	2.00	8.02			
Total Xylenes*	<0.150	0.150	09/13/2021	ND	5.88	98.0	6.00	7.96			
Total BTX	<0.300	0.300	09/13/2021	ND							

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500CI-B			mg/kg					Analyzed By: AC			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Chloride	<16.0	16.0	09/13/2021	ND	400	100	400	3.92			

TPH 8015M			mg/kg					Analyzed By: MS		HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10*	<10.0	10.0	09/14/2021	ND	206	103	200	8.71			
DRO >C10-C28*	<10.0	10.0	09/14/2021	ND	198	99.0	200	6.63			
EXT DRO >C28-C36	<10.0	10.0	09/14/2021	ND							

Surrogate: 1-Chlorooctane 108 % 44.3-133

Surrogate: 1-Chlorooctadecane 114 % 38.9-142

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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
CHRIS JONES
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 09/10/2021
Reported: 09/15/2021
Project Name: JON BOB #1
Project Number: G-19
Project Location: SPUR - EDDY CO NM

Sampling Date: 09/10/2021
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: CS - 3 (H212522-03)

BTX 8021B		mg/kg	Analyzed By: MS					HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2021	ND	1.90	95.0	2.00	8.77	
Toluene*	<0.050	0.050	09/13/2021	ND	1.88	94.1	2.00	10.6	
Ethylbenzene*	<0.050	0.050	09/13/2021	ND	1.91	95.6	2.00	8.02	
Total Xylenes*	<0.150	0.150	09/13/2021	ND	5.88	98.0	6.00	7.96	
Total BTX	<0.300	0.300	09/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

Chloride, SM4500CI-B		mg/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/13/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg	Analyzed By: MS					HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2021	ND	222	111	200	1.19	
DRO >C10-C28*	<10.0	10.0	09/14/2021	ND	210	105	200	0.504	
EXT DRO >C28-C36	<10.0	10.0	09/14/2021	ND					

Surrogate: 1-Chlorooctane 101 % 44.3-133

Surrogate: 1-Chlorooctadecane 107 % 38.9-142

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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
CHRIS JONES
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 09/10/2021
Reported: 09/15/2021
Project Name: JON BOB #1
Project Number: G-19
Project Location: SPUR - EDDY CO NM

Sampling Date: 09/10/2021
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: CS - 4 (H212522-04)

BTX 8021B		mg/kg	Analyzed By: MS					HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2021	ND	1.90	95.0	2.00	8.77	
Toluene*	<0.050	0.050	09/13/2021	ND	1.88	94.1	2.00	10.6	
Ethylbenzene*	<0.050	0.050	09/13/2021	ND	1.91	95.6	2.00	8.02	
Total Xylenes*	<0.150	0.150	09/13/2021	ND	5.88	98.0	6.00	7.96	
Total BTX	<0.300	0.300	09/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/13/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg	Analyzed By: MS					HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2021	ND	222	111	200	1.19	
DRO >C10-C28*	<10.0	10.0	09/14/2021	ND	210	105	200	0.504	
EXT DRO >C28-C36	<10.0	10.0	09/14/2021	ND					

Surrogate: 1-Chlorooctane 102 % 44.3-133

Surrogate: 1-Chlorooctadecane 107 % 38.9-142

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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
CHRIS JONES
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 09/10/2021
Reported: 09/15/2021
Project Name: JON BOB #1
Project Number: G-19
Project Location: SPUR - EDDY CO NM

Sampling Date: 09/10/2021
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: CS - 5 (H212522-05)

BTX 8021B		mg/kg	Analyzed By: MS					HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2021	ND	1.90	95.0	2.00	8.77	
Toluene*	<0.050	0.050	09/13/2021	ND	1.88	94.1	2.00	10.6	
Ethylbenzene*	<0.050	0.050	09/13/2021	ND	1.91	95.6	2.00	8.02	
Total Xylenes*	<0.150	0.150	09/13/2021	ND	5.88	98.0	6.00	7.96	
Total BTX	<0.300	0.300	09/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500CI-B		mg/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/13/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg	Analyzed By: MS					HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2021	ND	222	111	200	1.19	
DRO >C10-C28*	<10.0	10.0	09/14/2021	ND	210	105	200	0.504	
EXT DRO >C28-C36	<10.0	10.0	09/14/2021	ND					

Surrogate: 1-Chlorooctane 70.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 74.5 % 38.9-142

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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
CHRIS JONES
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 09/10/2021
Reported: 09/15/2021
Project Name: JON BOB #1
Project Number: G-19
Project Location: SPUR - EDDY CO NM

Sampling Date: 09/10/2021
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: CS - 6 (H212522-06)

BTX 8021B		mg/kg	Analyzed By: MS					HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2021	ND	1.90	95.0	2.00	8.77	
Toluene*	<0.050	0.050	09/13/2021	ND	1.88	94.1	2.00	10.6	
Ethylbenzene*	<0.050	0.050	09/13/2021	ND	1.91	95.6	2.00	8.02	
Total Xylenes*	<0.150	0.150	09/13/2021	ND	5.88	98.0	6.00	7.96	
Total BTX	<0.300	0.300	09/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/13/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg	Analyzed By: MS					HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2021	ND	222	111	200	1.19	
DRO >C10-C28*	<10.0	10.0	09/14/2021	ND	210	105	200	0.504	
EXT DRO >C28-C36	<10.0	10.0	09/14/2021	ND					

Surrogate: 1-Chlorooctane 106 % 44.3-133

Surrogate: 1-Chlorooctadecane 115 % 38.9-142

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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
CHRIS JONES
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 09/10/2021
Reported: 09/15/2021
Project Name: JON BOB #1
Project Number: G-19
Project Location: SPUR - EDDY CO NM

Sampling Date: 09/10/2021
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: CS - 7 (H212522-07)

BTX 8021B		mg/kg	Analyzed By: MS					HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2021	ND	1.90	95.0	2.00	8.77	
Toluene*	<0.050	0.050	09/13/2021	ND	1.88	94.1	2.00	10.6	
Ethylbenzene*	<0.050	0.050	09/13/2021	ND	1.91	95.6	2.00	8.02	
Total Xylenes*	<0.150	0.150	09/13/2021	ND	5.88	98.0	6.00	7.96	
Total BTX	<0.300	0.300	09/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/13/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg	Analyzed By: MS					HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2021	ND	222	111	200	1.19	
DRO >C10-C28*	<10.0	10.0	09/14/2021	ND	210	105	200	0.504	
EXT DRO >C28-C36	<10.0	10.0	09/14/2021	ND					

Surrogate: 1-Chlorooctane 111 % 44.3-133

Surrogate: 1-Chlorooctadecane 118 % 38.9-142

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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
CHRIS JONES
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 09/10/2021
Reported: 09/15/2021
Project Name: JON BOB #1
Project Number: G-19
Project Location: SPUR - EDDY CO NM

Sampling Date: 09/10/2021
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: CS - 8 (H212522-08)

BTEx 8021B		mg/kg	Analyzed By: MS					HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2021	ND	1.90	95.0	2.00	8.77	
Toluene*	<0.050	0.050	09/13/2021	ND	1.88	94.1	2.00	10.6	
Ethylbenzene*	<0.050	0.050	09/13/2021	ND	1.91	95.6	2.00	8.02	
Total Xylenes*	<0.150	0.150	09/13/2021	ND	5.88	98.0	6.00	7.96	
Total BTEX	<0.300	0.300	09/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/13/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg	Analyzed By: MS					HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2021	ND	222	111	200	1.19	
DRO >C10-C28*	<10.0	10.0	09/14/2021	ND	210	105	200	0.504	
EXT DRO >C28-C36	<10.0	10.0	09/14/2021	ND					

Surrogate: 1-Chlorooctane 107 % 44.3-133

Surrogate: 1-Chlorooctadecane 114 % 38.9-142

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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
CHRIS JONES
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 09/10/2021
Reported: 09/15/2021
Project Name: JON BOB #1
Project Number: G-19
Project Location: SPUR - EDDY CO NM

Sampling Date: 09/10/2021
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: CS - 9 (H212522-09)

BTX 8021B		mg/kg		Analyzed By: MS				HDSP-1		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/13/2021	ND	1.90	95.0	2.00	8.77		
Toluene*	<0.050	0.050	09/13/2021	ND	1.88	94.1	2.00	10.6		
Ethylbenzene*	<0.050	0.050	09/13/2021	ND	1.91	95.6	2.00	8.02		
Total Xylenes*	<0.150	0.150	09/13/2021	ND	5.88	98.0	6.00	7.96		
Total BTX	<0.300	0.300	09/13/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/13/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS				HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2021	ND	222	111	200	1.19	
DRO >C10-C28*	<10.0	10.0	09/14/2021	ND	210	105	200	0.504	
EXT DRO >C28-C36	<10.0	10.0	09/14/2021	ND					

Surrogate: 1-Chlorooctane 106 % 44.3-133

Surrogate: 1-Chlorooctadecane 113 % 38.9-142

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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
CHRIS JONES
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 09/10/2021
Reported: 09/15/2021
Project Name: JON BOB #1
Project Number: G-19
Project Location: SPUR - EDDY CO NM

Sampling Date: 09/10/2021
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: CS - 10 (H212522-10)

BTX 8021B			mg/kg					Analyzed By: MS		HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Benzene*	<0.050	0.050	09/13/2021	ND	1.90	95.0	2.00	8.77			
Toluene*	<0.050	0.050	09/13/2021	ND	1.88	94.1	2.00	10.6			
Ethylbenzene*	<0.050	0.050	09/13/2021	ND	1.91	95.6	2.00	8.02			
Total Xylenes*	<0.150	0.150	09/13/2021	ND	5.88	98.0	6.00	7.96			
Total BTX	<0.300	0.300	09/13/2021	ND							

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B			mg/kg					Analyzed By: AC			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Chloride	<16.0	16.0	09/13/2021	ND	400	100	400	3.92			

TPH 8015M			mg/kg					Analyzed By: MS		HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10*	<10.0	10.0	09/14/2021	ND	222	111	200	1.19			
DRO >C10-C28*	<10.0	10.0	09/14/2021	ND	210	105	200	0.504			
EXT DRO >C28-C36	<10.0	10.0	09/14/2021	ND							

Surrogate: 1-Chlorooctane 109 % 44.3-133

Surrogate: 1-Chlorooctadecane 116 % 38.9-142

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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
CHRIS JONES
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 09/10/2021
Reported: 09/15/2021
Project Name: JON BOB #1
Project Number: G-19
Project Location: SPUR - EDDY CO NM

Sampling Date: 09/10/2021
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: CS - 11 (H212522-11)

BTX 8021B			mg/kg					Analyzed By: MS		HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Benzene*	<0.050	0.050	09/13/2021	ND	1.90	95.0	2.00	8.77			
Toluene*	<0.050	0.050	09/13/2021	ND	1.88	94.1	2.00	10.6			
Ethylbenzene*	<0.050	0.050	09/13/2021	ND	1.91	95.6	2.00	8.02			
Total Xylenes*	<0.150	0.150	09/13/2021	ND	5.88	98.0	6.00	7.96			
Total BTX	<0.300	0.300	09/13/2021	ND							

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B			mg/kg					Analyzed By: AC			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Chloride	<16.0	16.0	09/13/2021	ND	400	100	400	3.92			

TPH 8015M			mg/kg					Analyzed By: MS		HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10*	<10.0	10.0	09/14/2021	ND	222	111	200	1.19			
DRO >C10-C28*	<10.0	10.0	09/14/2021	ND	210	105	200	0.504			
EXT DRO >C28-C36	<10.0	10.0	09/14/2021	ND							

Surrogate: 1-Chlorooctane 96.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 104 % 38.9-142

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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
CHRIS JONES
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 09/10/2021
Reported: 09/15/2021
Project Name: JON BOB #1
Project Number: G-19
Project Location: SPUR - EDDY CO NM

Sampling Date: 09/10/2021
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: CS - 12 (H212522-12)

BTX 8021B		mg/kg	Analyzed By: MS					HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2021	ND	1.90	95.0	2.00	8.77	
Toluene*	<0.050	0.050	09/13/2021	ND	1.88	94.1	2.00	10.6	
Ethylbenzene*	<0.050	0.050	09/13/2021	ND	1.91	95.6	2.00	8.02	
Total Xylenes*	<0.150	0.150	09/13/2021	ND	5.88	98.0	6.00	7.96	
Total BTX	<0.300	0.300	09/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/13/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg	Analyzed By: MS					HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2021	ND	222	111	200	1.19	
DRO >C10-C28*	<10.0	10.0	09/14/2021	ND	210	105	200	0.504	
EXT DRO >C28-C36	<10.0	10.0	09/14/2021	ND					

Surrogate: 1-Chlorooctane 109 % 44.3-133

Surrogate: 1-Chlorooctadecane 119 % 38.9-142

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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
CHRIS JONES
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 09/10/2021
Reported: 09/15/2021
Project Name: JON BOB #1
Project Number: G-19
Project Location: SPUR - EDDY CO NM

Sampling Date: 09/10/2021
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: CS - 13 (H212522-13)

BTX 8021B			mg/kg					Analyzed By: MS		HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Benzene*	<0.050	0.050	09/13/2021	ND	1.90	95.0	2.00	8.77			
Toluene*	<0.050	0.050	09/13/2021	ND	1.88	94.1	2.00	10.6			
Ethylbenzene*	<0.050	0.050	09/13/2021	ND	1.91	95.6	2.00	8.02			
Total Xylenes*	<0.150	0.150	09/13/2021	ND	5.88	98.0	6.00	7.96			
Total BTX	<0.300	0.300	09/13/2021	ND							

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500CI-B			mg/kg					Analyzed By: AC			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Chloride	<16.0	16.0	09/13/2021	ND	400	100	400	3.92			

TPH 8015M			mg/kg					Analyzed By: MS		HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10*	<10.0	10.0	09/14/2021	ND	222	111	200	1.19			
DRO >C10-C28*	<10.0	10.0	09/14/2021	ND	210	105	200	0.504			
EXT DRO >C28-C36	<10.0	10.0	09/14/2021	ND							

Surrogate: 1-Chlorooctane 100 % 44.3-133

Surrogate: 1-Chlorooctadecane 108 % 38.9-142

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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
CHRIS JONES
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 09/10/2021
Reported: 09/15/2021
Project Name: JON BOB #1
Project Number: G-19
Project Location: SPUR - EDDY CO NM

Sampling Date: 09/10/2021
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: CS - 14 (H212522-14)

BTX 8021B			mg/kg					Analyzed By: MS		HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Benzene*	<0.050	0.050	09/13/2021	ND	1.90	95.0	2.00	8.77			
Toluene*	<0.050	0.050	09/13/2021	ND	1.88	94.1	2.00	10.6			
Ethylbenzene*	<0.050	0.050	09/13/2021	ND	1.91	95.6	2.00	8.02			
Total Xylenes*	<0.150	0.150	09/13/2021	ND	5.88	98.0	6.00	7.96			
Total BTX	<0.300	0.300	09/13/2021	ND							

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B			mg/kg					Analyzed By: AC			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Chloride	<16.0	16.0	09/13/2021	ND	400	100	400	3.92			

TPH 8015M			mg/kg					Analyzed By: MS		HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10*	<10.0	10.0	09/14/2021	ND	222	111	200	1.19			
DRO >C10-C28*	<10.0	10.0	09/14/2021	ND	210	105	200	0.504			
EXT DRO >C28-C36	<10.0	10.0	09/14/2021	ND							

Surrogate: 1-Chlorooctane 109 % 44.3-133

Surrogate: 1-Chlorooctadecane 117 % 38.9-142

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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
CHRIS JONES
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 09/10/2021
Reported: 09/15/2021
Project Name: JON BOB #1
Project Number: G-19
Project Location: SPUR - EDDY CO NM

Sampling Date: 09/10/2021
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: CS - 15 (H212522-15)

BTX 8021B		mg/kg	Analyzed By: MS					HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2021	ND	1.90	95.0	2.00	8.77	
Toluene*	<0.050	0.050	09/13/2021	ND	1.88	94.1	2.00	10.6	
Ethylbenzene*	<0.050	0.050	09/13/2021	ND	1.91	95.6	2.00	8.02	
Total Xylenes*	<0.150	0.150	09/13/2021	ND	5.88	98.0	6.00	7.96	
Total BTX	<0.300	0.300	09/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

Chloride, SM4500CI-B		mg/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/13/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg	Analyzed By: MS					HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2021	ND	222	111	200	1.19	
DRO >C10-C28*	<10.0	10.0	09/14/2021	ND	210	105	200	0.504	
EXT DRO >C28-C36	<10.0	10.0	09/14/2021	ND					

Surrogate: 1-Chlorooctane 116 % 44.3-133

Surrogate: 1-Chlorooctadecane 123 % 38.9-142

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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
CHRIS JONES
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 09/10/2021
Reported: 09/15/2021
Project Name: JON BOB #1
Project Number: G-19
Project Location: SPUR - EDDY CO NM

Sampling Date: 09/10/2021
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: CS - 16 (H212522-16)

BTX 8021B		mg/kg	Analyzed By: MS					HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2021	ND	1.90	95.0	2.00	8.77	
Toluene*	<0.050	0.050	09/13/2021	ND	1.88	94.1	2.00	10.6	
Ethylbenzene*	<0.050	0.050	09/13/2021	ND	1.91	95.6	2.00	8.02	
Total Xylenes*	<0.150	0.150	09/13/2021	ND	5.88	98.0	6.00	7.96	
Total BTX	<0.300	0.300	09/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 69.9-140

Chloride, SM4500CI-B		mg/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/13/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg	Analyzed By: MS					HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2021	ND	222	111	200	1.19	
DRO >C10-C28*	<10.0	10.0	09/14/2021	ND	210	105	200	0.504	
EXT DRO >C28-C36	<10.0	10.0	09/14/2021	ND					

Surrogate: 1-Chlorooctane 112 % 44.3-133

Surrogate: 1-Chlorooctadecane 118 % 38.9-142

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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
CHRIS JONES
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 09/10/2021
Reported: 09/15/2021
Project Name: JON BOB #1
Project Number: G-19
Project Location: SPUR - EDDY CO NM

Sampling Date: 09/10/2021
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: CS - 17 (H212522-17)

BTX 8021B		mg/kg	Analyzed By: MS					HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2021	ND	1.90	95.0	2.00	8.77	
Toluene*	<0.050	0.050	09/13/2021	ND	1.88	94.1	2.00	10.6	
Ethylbenzene*	<0.050	0.050	09/13/2021	ND	1.91	95.6	2.00	8.02	
Total Xylenes*	<0.150	0.150	09/13/2021	ND	5.88	98.0	6.00	7.96	
Total BTX	<0.300	0.300	09/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/13/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg	Analyzed By: MS					HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2021	ND	222	111	200	1.19	
DRO >C10-C28*	<10.0	10.0	09/14/2021	ND	210	105	200	0.504	
EXT DRO >C28-C36	<10.0	10.0	09/14/2021	ND					

Surrogate: 1-Chlorooctane 105 % 44.3-133

Surrogate: 1-Chlorooctadecane 113 % 38.9-142

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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
CHRIS JONES
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 09/10/2021
Reported: 09/15/2021
Project Name: JON BOB #1
Project Number: G-19
Project Location: SPUR - EDDY CO NM

Sampling Date: 09/10/2021
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: CS - 18 (H212522-18)

BTX 8021B			mg/kg					Analyzed By: MS		HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Benzene*	<0.050	0.050	09/13/2021	ND	1.87	93.4	2.00	3.54			
Toluene*	<0.050	0.050	09/13/2021	ND	2.00	100	2.00	2.77			
Ethylbenzene*	<0.050	0.050	09/13/2021	ND	1.98	99.2	2.00	3.56			
Total Xylenes*	<0.150	0.150	09/13/2021	ND	5.99	99.8	6.00	3.74			
Total BTX	<0.300	0.300	09/13/2021	ND							

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B			mg/kg					Analyzed By: AC			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Chloride	<16.0	16.0	09/13/2021	ND	400	100	400	3.92			

TPH 8015M			mg/kg					Analyzed By: MS		HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10*	<10.0	10.0	09/14/2021	ND	222	111	200	1.19			
DRO >C10-C28*	<10.0	10.0	09/14/2021	ND	210	105	200	0.504			
EXT DRO >C28-C36	<10.0	10.0	09/14/2021	ND							

Surrogate: 1-Chlorooctane 103 % 44.3-133

Surrogate: 1-Chlorooctadecane 110 % 38.9-142

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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
CHRIS JONES
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 09/10/2021
Reported: 09/15/2021
Project Name: JON BOB #1
Project Number: G-19
Project Location: SPUR - EDDY CO NM

Sampling Date: 09/10/2021
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: CS - 19 (H212522-19)

BTX 8021B			mg/kg					Analyzed By: MS		HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Benzene*	<0.050	0.050	09/13/2021	ND	1.87	93.4	2.00	3.54			
Toluene*	<0.050	0.050	09/13/2021	ND	2.00	100	2.00	2.77			
Ethylbenzene*	<0.050	0.050	09/13/2021	ND	1.98	99.2	2.00	3.56			
Total Xylenes*	<0.150	0.150	09/13/2021	ND	5.99	99.8	6.00	3.74			
Total BTX	<0.300	0.300	09/13/2021	ND							

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 69.9-140

Chloride, SM4500CI-B			mg/kg					Analyzed By: AC			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Chloride	<16.0	16.0	09/13/2021	ND	400	100	400	3.92			

TPH 8015M			mg/kg					Analyzed By: MS		HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10*	<10.0	10.0	09/15/2021	ND	222	111	200	1.19			
DRO >C10-C28*	<10.0	10.0	09/15/2021	ND	210	105	200	0.504			
EXT DRO >C28-C36	<10.0	10.0	09/15/2021	ND							

Surrogate: 1-Chlorooctane 104 % 44.3-133

Surrogate: 1-Chlorooctadecane 112 % 38.9-142

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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
CHRIS JONES
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 09/10/2021
Reported: 09/15/2021
Project Name: JON BOB #1
Project Number: G-19
Project Location: SPUR - EDDY CO NM

Sampling Date: 09/10/2021
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: CS - 20 (H212522-20)

BTX 8021B		mg/kg		Analyzed By: MS				HDSP-1		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/13/2021	ND	1.87	93.4	2.00	3.54		
Toluene*	<0.050	0.050	09/13/2021	ND	2.00	100	2.00	2.77		
Ethylbenzene*	<0.050	0.050	09/13/2021	ND	1.98	99.2	2.00	3.56		
Total Xylenes*	<0.150	0.150	09/13/2021	ND	5.99	99.8	6.00	3.74		
Total BTX	<0.300	0.300	09/13/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 69.9-140

Chloride, SM4500CI-B			mg/kg					Analyzed By: AC			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Chloride	<16.0	16.0	09/13/2021	ND	400	100	400	3.92			

TPH 8015M		mg/kg		Analyzed By: MS				HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2021	ND	222	111	200	1.19	
DRO >C10-C28*	<10.0	10.0	09/15/2021	ND	210	105	200	0.504	
EXT DRO >C28-C36	<10.0	10.0	09/15/2021	ND					

Surrogate: 1-Chlorooctane 101 % 44.3-133

Surrogate: 1-Chlorooctadecane 107 % 38.9-142

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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
CHRIS JONES
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 09/10/2021
Reported: 09/15/2021
Project Name: JON BOB #1
Project Number: G-19
Project Location: SPUR - EDDY CO NM

Sampling Date: 09/10/2021
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: CS - 21 (H212522-21)

BTX 8021B			mg/kg					Analyzed By: MS		HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Benzene*	<0.050	0.050	09/13/2021	ND	1.87	93.4	2.00	3.54			
Toluene*	<0.050	0.050	09/13/2021	ND	2.00	100	2.00	2.77			
Ethylbenzene*	<0.050	0.050	09/13/2021	ND	1.98	99.2	2.00	3.56			
Total Xylenes*	<0.150	0.150	09/13/2021	ND	5.99	99.8	6.00	3.74			
Total BTX	<0.300	0.300	09/13/2021	ND							

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 69.9-140

Chloride, SM4500CI-B			mg/kg					Analyzed By: AC		HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Chloride	<16.0	16.0	09/13/2021	ND	400	100	400	3.92			

TPH 8015M			mg/kg					Analyzed By: MS		HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10*	<10.0	10.0	09/15/2021	ND	222	111	200	1.19			
DRO >C10-C28*	<10.0	10.0	09/15/2021	ND	210	105	200	0.504			
EXT DRO >C28-C36	<10.0	10.0	09/15/2021	ND							

Surrogate: 1-Chlorooctane 106 % 44.3-133

Surrogate: 1-Chlorooctadecane 114 % 38.9-142

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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
CHRIS JONES
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 09/10/2021
Reported: 09/15/2021
Project Name: JON BOB #1
Project Number: G-19
Project Location: SPUR - EDDY CO NM

Sampling Date: 09/10/2021
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: SW - 1 (H212522-22)

BTX 8021B		mg/kg		Analyzed By: MS				HDSP-1		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/13/2021	ND	1.87	93.4	2.00	3.54		
Toluene*	<0.050	0.050	09/13/2021	ND	2.00	100	2.00	2.77		
Ethylbenzene*	<0.050	0.050	09/13/2021	ND	1.98	99.2	2.00	3.56		
Total Xylenes*	<0.150	0.150	09/13/2021	ND	5.99	99.8	6.00	3.74		
Total BTX	<0.300	0.300	09/13/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 69.9-140

Chloride, SM4500CI-B			mg/kg					Analyzed By: AC			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Chloride	<16.0	16.0	09/13/2021	ND	400	100	400	3.92			

TPH 8015M		mg/kg		Analyzed By: MS				HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2021	ND	193	96.6	200	3.42	
DRO >C10-C28*	<10.0	10.0	09/14/2021	ND	203	102	200	3.54	
EXT DRO >C28-C36	<10.0	10.0	09/14/2021	ND					

Surrogate: 1-Chlorooctane 104 % 44.3-133

Surrogate: 1-Chlorooctadecane 105 % 38.9-142

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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
CHRIS JONES
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 09/10/2021
Reported: 09/15/2021
Project Name: JON BOB #1
Project Number: G-19
Project Location: SPUR - EDDY CO NM

Sampling Date: 09/10/2021
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: SW - 2 (H212522-23)

BTX 8021B			mg/kg					Analyzed By: MS		HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Benzene*	<0.050	0.050	09/13/2021	ND	1.87	93.4	2.00	3.54			
Toluene*	<0.050	0.050	09/13/2021	ND	2.00	100	2.00	2.77			
Ethylbenzene*	<0.050	0.050	09/13/2021	ND	1.98	99.2	2.00	3.56			
Total Xylenes*	<0.150	0.150	09/13/2021	ND	5.99	99.8	6.00	3.74			
Total BTX	<0.300	0.300	09/13/2021	ND							

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B			mg/kg					Analyzed By: AC			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Chloride	<16.0	16.0	09/13/2021	ND	400	100	400	3.92			

TPH 8015M			mg/kg					Analyzed By: MS		HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10*	<10.0	10.0	09/14/2021	ND	193	96.6	200	3.42			
DRO >C10-C28*	<10.0	10.0	09/14/2021	ND	203	102	200	3.54			
EXT DRO >C28-C36	<10.0	10.0	09/14/2021	ND							

Surrogate: 1-Chlorooctane 107 % 44.3-133

Surrogate: 1-Chlorooctadecane 106 % 38.9-142

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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
CHRIS JONES
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 09/10/2021
Reported: 09/15/2021
Project Name: JON BOB #1
Project Number: G-19
Project Location: SPUR - EDDY CO NM

Sampling Date: 09/10/2021
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: SW - 3 (H212522-24)

BTX 8021B			mg/kg					Analyzed By: MS		HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Benzene*	<0.050	0.050	09/13/2021	ND	1.87	93.4	2.00	3.54			
Toluene*	<0.050	0.050	09/13/2021	ND	2.00	100	2.00	2.77			
Ethylbenzene*	<0.050	0.050	09/13/2021	ND	1.98	99.2	2.00	3.56			
Total Xylenes*	<0.150	0.150	09/13/2021	ND	5.99	99.8	6.00	3.74			
Total BTX	<0.300	0.300	09/13/2021	ND							

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 69.9-140

Chloride, SM4500CI-B			mg/kg					Analyzed By: AC			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Chloride	<16.0	16.0	09/13/2021	ND	400	100	400	3.92			

TPH 8015M			mg/kg					Analyzed By: MS		HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10*	<10.0	10.0	09/14/2021	ND	193	96.6	200	3.42			
DRO >C10-C28*	<10.0	10.0	09/14/2021	ND	203	102	200	3.54			
EXT DRO >C28-C36	<10.0	10.0	09/14/2021	ND							

Surrogate: 1-Chlorooctane 79.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 76.4 % 38.9-142

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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
CHRIS JONES
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 09/10/2021
Reported: 09/15/2021
Project Name: JON BOB #1
Project Number: G-19
Project Location: SPUR - EDDY CO NM

Sampling Date: 09/10/2021
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: SW - 4 (H212522-25)

BTX 8021B			mg/kg					Analyzed By: MS		HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Benzene*	<0.050	0.050	09/13/2021	ND	1.87	93.4	2.00	3.54			
Toluene*	<0.050	0.050	09/13/2021	ND	2.00	100	2.00	2.77			
Ethylbenzene*	<0.050	0.050	09/13/2021	ND	1.98	99.2	2.00	3.56			
Total Xylenes*	<0.150	0.150	09/13/2021	ND	5.99	99.8	6.00	3.74			
Total BTX	<0.300	0.300	09/13/2021	ND							

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B			mg/kg					Analyzed By: AC			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Chloride	<16.0	16.0	09/13/2021	ND	400	100	400	3.92			

TPH 8015M			mg/kg					Analyzed By: MS		HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10*	<10.0	10.0	09/14/2021	ND	193	96.6	200	3.42			
DRO >C10-C28*	<10.0	10.0	09/14/2021	ND	203	102	200	3.54			
EXT DRO >C28-C36	<10.0	10.0	09/14/2021	ND							

Surrogate: 1-Chlorooctane 82.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 78.6 % 38.9-142

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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
CHRIS JONES
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 09/10/2021
Reported: 09/15/2021
Project Name: JON BOB #1
Project Number: G-19
Project Location: SPUR - EDDY CO NM

Sampling Date: 09/10/2021
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: SW - 5 (H212522-26)

BTX 8021B			mg/kg					Analyzed By: MS		HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Benzene*	<0.050	0.050	09/13/2021	ND	1.87	93.4	2.00	3.54			
Toluene*	<0.050	0.050	09/13/2021	ND	2.00	100	2.00	2.77			
Ethylbenzene*	<0.050	0.050	09/13/2021	ND	1.98	99.2	2.00	3.56			
Total Xylenes*	<0.150	0.150	09/13/2021	ND	5.99	99.8	6.00	3.74			
Total BTX	<0.300	0.300	09/13/2021	ND							

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 69.9-140

Chloride, SM4500CI-B			mg/kg					Analyzed By: AC			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Chloride	<16.0	16.0	09/13/2021	ND	400	100	400	3.92			

TPH 8015M			mg/kg					Analyzed By: MS		HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10*	<10.0	10.0	09/14/2021	ND	193	96.6	200	3.42			
DRO >C10-C28*	<10.0	10.0	09/14/2021	ND	203	102	200	3.54			
EXT DRO >C28-C36	<10.0	10.0	09/14/2021	ND							

Surrogate: 1-Chlorooctane 76.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 72.8 % 38.9-142

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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
CHRIS JONES
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 09/10/2021
Reported: 09/15/2021
Project Name: JON BOB #1
Project Number: G-19
Project Location: SPUR - EDDY CO NM

Sampling Date: 09/10/2021
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: SW - 6 (H212522-27)

BTX 8021B			mg/kg					Analyzed By: MS		HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Benzene*	<0.050	0.050	09/13/2021	ND	1.87	93.4	2.00	3.54			
Toluene*	<0.050	0.050	09/13/2021	ND	2.00	100	2.00	2.77			
Ethylbenzene*	<0.050	0.050	09/13/2021	ND	1.98	99.2	2.00	3.56			
Total Xylenes*	<0.150	0.150	09/13/2021	ND	5.99	99.8	6.00	3.74			
Total BTX	<0.300	0.300	09/13/2021	ND							

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 69.9-140

Chloride, SM4500CI-B			mg/kg					Analyzed By: AC			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Chloride	<16.0	16.0	09/13/2021	ND	400	100	400	3.92			

TPH 8015M			mg/kg					Analyzed By: MS		HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10*	<10.0	10.0	09/14/2021	ND	193	96.6	200	3.42			
DRO >C10-C28*	<10.0	10.0	09/14/2021	ND	203	102	200	3.54			
EXT DRO >C28-C36	<10.0	10.0	09/14/2021	ND							

Surrogate: 1-Chlorooctane 79.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 75.3 % 38.9-142

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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
CHRIS JONES
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 09/10/2021
Reported: 09/15/2021
Project Name: JON BOB #1
Project Number: G-19
Project Location: SPUR - EDDY CO NM

Sampling Date: 09/10/2021
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: SW - 7 (H212522-28)

BTX 8021B			mg/kg					Analyzed By: MS		HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Benzene*	<0.050	0.050	09/13/2021	ND	1.87	93.4	2.00	3.54			
Toluene*	<0.050	0.050	09/13/2021	ND	2.00	100	2.00	2.77			
Ethylbenzene*	<0.050	0.050	09/13/2021	ND	1.98	99.2	2.00	3.56			
Total Xylenes*	<0.150	0.150	09/13/2021	ND	5.99	99.8	6.00	3.74			
Total BTX	<0.300	0.300	09/13/2021	ND							

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 69.9-140

Chloride, SM4500CI-B			mg/kg					Analyzed By: AC			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Chloride	<16.0	16.0	09/13/2021	ND	416	104	400	0.00			

TPH 8015M			mg/kg					Analyzed By: MS		HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10*	<10.0	10.0	09/14/2021	ND	193	96.6	200	3.42			
DRO >C10-C28*	<10.0	10.0	09/14/2021	ND	203	102	200	3.54			
EXT DRO >C28-C36	<10.0	10.0	09/14/2021	ND							

Surrogate: 1-Chlorooctane 81.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 77.2 % 38.9-142

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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
CHRIS JONES
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 09/10/2021
Reported: 09/15/2021
Project Name: JON BOB #1
Project Number: G-19
Project Location: SPUR - EDDY CO NM

Sampling Date: 09/10/2021
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: SW - 8 (H212522-29)

BTX 8021B			mg/kg					Analyzed By: MS		HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Benzene*	<0.050	0.050	09/13/2021	ND	1.87	93.4	2.00	3.54			
Toluene*	<0.050	0.050	09/13/2021	ND	2.00	100	2.00	2.77			
Ethylbenzene*	<0.050	0.050	09/13/2021	ND	1.98	99.2	2.00	3.56			
Total Xylenes*	<0.150	0.150	09/13/2021	ND	5.99	99.8	6.00	3.74			
Total BTX	<0.300	0.300	09/13/2021	ND							

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B			mg/kg					Analyzed By: AC		HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Chloride	<16.0	16.0	09/13/2021	ND	416	104	400	0.00			

TPH 8015M			mg/kg					Analyzed By: MS		HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10*	<10.0	10.0	09/14/2021	ND	193	96.6	200	3.42			
DRO >C10-C28*	<10.0	10.0	09/14/2021	ND	203	102	200	3.54			
EXT DRO >C28-C36	<10.0	10.0	09/14/2021	ND							

Surrogate: 1-Chlorooctane 79.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 74.1 % 38.9-142

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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
CHRIS JONES
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 09/10/2021
Reported: 09/15/2021
Project Name: JON BOB #1
Project Number: G-19
Project Location: SPUR - EDDY CO NM

Sampling Date: 09/10/2021
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: SW - 9 (H212522-30)

BTX 8021B		mg/kg		Analyzed By: MS				HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2021	ND	1.87	93.4	2.00	3.54	
Toluene*	<0.050	0.050	09/13/2021	ND	2.00	100	2.00	2.77	
Ethylbenzene*	<0.050	0.050	09/13/2021	ND	1.98	99.2	2.00	3.56	
Total Xylenes*	<0.150	0.150	09/13/2021	ND	5.99	99.8	6.00	3.74	
Total BTX	<0.300	0.300	09/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/13/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2021	ND	193	96.6	200	3.42	
DRO >C10-C28*	<10.0	10.0	09/14/2021	ND	203	102	200	3.54	
EXT DRO >C28-C36	<10.0	10.0	09/14/2021	ND					

Surrogate: 1-Chlorooctane 80.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 77.2 % 38.9-142

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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
CHRIS JONES
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 09/10/2021
Reported: 09/15/2021
Project Name: JON BOB #1
Project Number: G-19
Project Location: SPUR - EDDY CO NM

Sampling Date: 09/10/2021
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: SW - 10 (H212522-31)

BTX 8021B		mg/kg	Analyzed By: MS					HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2021	ND	1.87	93.4	2.00	3.54	
Toluene*	<0.050	0.050	09/13/2021	ND	2.00	100	2.00	2.77	
Ethylbenzene*	<0.050	0.050	09/13/2021	ND	1.98	99.2	2.00	3.56	
Total Xylenes*	<0.150	0.150	09/13/2021	ND	5.99	99.8	6.00	3.74	
Total BTX	<0.300	0.300	09/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/13/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg	Analyzed By: MS					HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2021	ND	193	96.6	200	3.42	
DRO >C10-C28*	<10.0	10.0	09/14/2021	ND	203	102	200	3.54	
EXT DRO >C28-C36	<10.0	10.0	09/14/2021	ND					

Surrogate: 1-Chlorooctane 74.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 71.1 % 38.9-142

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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
CHRIS JONES
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 09/10/2021
Reported: 09/15/2021
Project Name: JON BOB #1
Project Number: G-19
Project Location: SPUR - EDDY CO NM

Sampling Date: 09/10/2021
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: SW - 11 (H212522-32)

BTX 8021B		mg/kg		Analyzed By: MS				HDSP-1		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/13/2021	ND	1.87	93.4	2.00	3.54		
Toluene*	<0.050	0.050	09/13/2021	ND	2.00	100	2.00	2.77		
Ethylbenzene*	<0.050	0.050	09/13/2021	ND	1.98	99.2	2.00	3.56		
Total Xylenes*	<0.150	0.150	09/13/2021	ND	5.99	99.8	6.00	3.74		
Total BTX	<0.300	0.300	09/13/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/13/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2021	ND	193	96.6	200	3.42	
DRO >C10-C28*	<10.0	10.0	09/14/2021	ND	203	102	200	3.54	
EXT DRO >C28-C36	<10.0	10.0	09/14/2021	ND					

Surrogate: 1-Chlorooctane 80.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 76.6 % 38.9-142

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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
CHRIS JONES
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 09/10/2021
Reported: 09/15/2021
Project Name: JON BOB #1
Project Number: G-19
Project Location: SPUR - EDDY CO NM

Sampling Date: 09/10/2021
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: SW - 12 (H212522-33)

BTX 8021B			mg/kg					Analyzed By: MS		HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Benzene*	<0.050	0.050	09/13/2021	ND	1.87	93.4	2.00	3.54			
Toluene*	<0.050	0.050	09/13/2021	ND	2.00	100	2.00	2.77			
Ethylbenzene*	<0.050	0.050	09/13/2021	ND	1.98	99.2	2.00	3.56			
Total Xylenes*	<0.150	0.150	09/13/2021	ND	5.99	99.8	6.00	3.74			
Total BTX	<0.300	0.300	09/13/2021	ND							

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 69.9-140

Chloride, SM4500CI-B			mg/kg					Analyzed By: AC			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Chloride	<16.0	16.0	09/13/2021	ND	416	104	400	0.00			

TPH 8015M			mg/kg					Analyzed By: MS		HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10*	<10.0	10.0	09/14/2021	ND	193	96.6	200	3.42			
DRO >C10-C28*	<10.0	10.0	09/14/2021	ND	203	102	200	3.54			
EXT DRO >C28-C36	<10.0	10.0	09/14/2021	ND							

Surrogate: 1-Chlorooctane 78.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 75.4 % 38.9-142

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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
CHRIS JONES
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 09/10/2021
Reported: 09/15/2021
Project Name: JON BOB #1
Project Number: G-19
Project Location: SPUR - EDDY CO NM

Sampling Date: 09/10/2021
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: SW - 13 (H212522-34)

BTX 8021B		mg/kg	Analyzed By: MS					HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2021	ND	1.87	93.4	2.00	3.54	
Toluene*	<0.050	0.050	09/13/2021	ND	2.00	100	2.00	2.77	
Ethylbenzene*	<0.050	0.050	09/13/2021	ND	1.98	99.2	2.00	3.56	
Total Xylenes*	<0.150	0.150	09/13/2021	ND	5.99	99.8	6.00	3.74	
Total BTX	<0.300	0.300	09/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/13/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg	Analyzed By: MS					HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2021	ND	193	96.6	200	3.42	
DRO >C10-C28*	<10.0	10.0	09/14/2021	ND	203	102	200	3.54	
EXT DRO >C28-C36	<10.0	10.0	09/14/2021	ND					

Surrogate: 1-Chlorooctane 74.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 70.7 % 38.9-142

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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
CHRIS JONES
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 09/10/2021
Reported: 09/15/2021
Project Name: JON BOB #1
Project Number: G-19
Project Location: SPUR - EDDY CO NM

Sampling Date: 09/10/2021
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: SW - 14 (H212522-35)

BTX 8021B		mg/kg	Analyzed By: MS					HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/13/2021	ND	1.87	93.4	2.00	3.54	
Toluene*	<0.050	0.050	09/13/2021	ND	2.00	100	2.00	2.77	
Ethylbenzene*	<0.050	0.050	09/13/2021	ND	1.98	99.2	2.00	3.56	
Total Xylenes*	<0.150	0.150	09/13/2021	ND	5.99	99.8	6.00	3.74	
Total BTX	<0.300	0.300	09/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/13/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg	Analyzed By: MS					HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2021	ND	193	96.6	200	3.42	
DRO >C10-C28*	<10.0	10.0	09/14/2021	ND	203	102	200	3.54	
EXT DRO >C28-C36	<10.0	10.0	09/14/2021	ND					

Surrogate: 1-Chlorooctane 82.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 75.2 % 38.9-142

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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
CHRIS JONES
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 09/10/2021
Reported: 09/15/2021
Project Name: JON BOB #1
Project Number: G-19
Project Location: SPUR - EDDY CO NM

Sampling Date: 09/10/2021
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: SW - 15 (H212522-36)

BTX 8021B		mg/kg	Analyzed By: MS					HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/14/2021	ND	2.04	102	2.00	0.985	
Toluene*	<0.050	0.050	09/14/2021	ND	2.00	99.9	2.00	3.47	
Ethylbenzene*	<0.050	0.050	09/14/2021	ND	1.98	98.9	2.00	3.09	
Total Xylenes*	<0.150	0.150	09/14/2021	ND	6.08	101	6.00	2.92	
Total BTX	<0.300	0.300	09/14/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/13/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg	Analyzed By: MS					HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2021	ND	193	96.6	200	3.42	
DRO >C10-C28*	<10.0	10.0	09/14/2021	ND	203	102	200	3.54	
EXT DRO >C28-C36	<10.0	10.0	09/14/2021	ND					

Surrogate: 1-Chlorooctane 75.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 73.2 % 38.9-142

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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
CHRIS JONES
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 09/10/2021
Reported: 09/15/2021
Project Name: JON BOB #1
Project Number: G-19
Project Location: SPUR - EDDY CO NM

Sampling Date: 09/10/2021
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: SW - 16 (H212522-37)

BTX 8021B		mg/kg	Analyzed By: MS					HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/14/2021	ND	2.04	102	2.00	0.985	
Toluene*	<0.050	0.050	09/14/2021	ND	2.00	99.9	2.00	3.47	
Ethylbenzene*	<0.050	0.050	09/14/2021	ND	1.98	98.9	2.00	3.09	
Total Xylenes*	<0.150	0.150	09/14/2021	ND	6.08	101	6.00	2.92	
Total BTX	<0.300	0.300	09/14/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/13/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg	Analyzed By: MS					HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2021	ND	193	96.6	200	3.42	
DRO >C10-C28*	<10.0	10.0	09/14/2021	ND	203	102	200	3.54	
EXT DRO >C28-C36	<10.0	10.0	09/14/2021	ND					

Surrogate: 1-Chlorooctane 81.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 76.7 % 38.9-142

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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
CHRIS JONES
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 09/10/2021
Reported: 09/15/2021
Project Name: JON BOB #1
Project Number: G-19
Project Location: SPUR - EDDY CO NM

Sampling Date: 09/10/2021
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: SW - 17 (H212522-38)

BTX 8021B		mg/kg	Analyzed By: MS					HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/14/2021	ND	2.04	102	2.00	0.985	
Toluene*	<0.050	0.050	09/14/2021	ND	2.00	99.9	2.00	3.47	
Ethylbenzene*	<0.050	0.050	09/14/2021	ND	1.98	98.9	2.00	3.09	
Total Xylenes*	<0.150	0.150	09/14/2021	ND	6.08	101	6.00	2.92	
Total BTX	<0.300	0.300	09/14/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg	Analyzed By: AC					HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/13/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg	Analyzed By: MS					HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2021	ND	193	96.6	200	3.42	
DRO >C10-C28*	<10.0	10.0	09/14/2021	ND	203	102	200	3.54	
EXT DRO >C28-C36	<10.0	10.0	09/14/2021	ND					

Surrogate: 1-Chlorooctane 78.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 75.2 % 38.9-142

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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
CHRIS JONES
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 09/10/2021
Reported: 09/15/2021
Project Name: JON BOB #1
Project Number: G-19
Project Location: SPUR - EDDY CO NM

Sampling Date: 09/10/2021
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: SW - 18 (H212522-39)

BTX 8021B		mg/kg	Analyzed By: MS					HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/14/2021	ND	2.04	102	2.00	0.985	
Toluene*	<0.050	0.050	09/14/2021	ND	2.00	99.9	2.00	3.47	
Ethylbenzene*	<0.050	0.050	09/14/2021	ND	1.98	98.9	2.00	3.09	
Total Xylenes*	<0.150	0.150	09/14/2021	ND	6.08	101	6.00	2.92	
Total BTX	<0.300	0.300	09/14/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/13/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg	Analyzed By: MS					HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2021	ND	193	96.6	200	3.42	
DRO >C10-C28*	<10.0	10.0	09/15/2021	ND	203	102	200	3.54	
EXT DRO >C28-C36	<10.0	10.0	09/15/2021	ND					

Surrogate: 1-Chlorooctane 75.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 71.1 % 38.9-142

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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
CHRIS JONES
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received: 09/10/2021
Reported: 09/15/2021
Project Name: JON BOB #1
Project Number: G-19
Project Location: SPUR - EDDY CO NM

Sampling Date: 09/10/2021
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Tamara Oldaker

Sample ID: SW - 19 (H212522-40)

BTX 8021B		mg/kg	Analyzed By: MS					HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/14/2021	ND	2.04	102	2.00	0.985	
Toluene*	<0.050	0.050	09/14/2021	ND	2.00	99.9	2.00	3.47	
Ethylbenzene*	<0.050	0.050	09/14/2021	ND	1.98	98.9	2.00	3.09	
Total Xylenes*	<0.150	0.150	09/14/2021	ND	6.08	101	6.00	2.92	
Total BTX	<0.300	0.300	09/14/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/13/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg	Analyzed By: MS					HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2021	ND	193	96.6	200	3.42	
DRO >C10-C28*	<10.0	10.0	09/15/2021	ND	203	102	200	3.54	
EXT DRO >C28-C36	<10.0	10.0	09/15/2021	ND					

Surrogate: 1-Chlorooctane 78.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 74.1 % 38.9-142

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.

Celey D. Keene, Lab Director/Quality Manager

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

Notes and Definitions

HDSP-1	Sample container had headspace. Results may be biased low.
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

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.

A handwritten signature in black ink, appearing to read "Celey D. Keene".

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				BILL TO				ANALYSIS REQUEST																		
Project Manager: Chris Jones				P.O. #:				<div style="display: flex; flex-direction: column; align-items: center;"> <div>TPH EXT</div> <div>BTEX</div> <div>Chlorides</div> </div>																		
Address: 1601 N Turner St., Suite 500				Company: <i>Spur Energy</i>																						
City: Hobbs State: NM Zip: 88240				Attn:																						
Phone #: 575-964-7740 Fax #:				Address:																						
Project #: <i>G-19</i> Project Owner: <i>Spur Energy</i>				City:																						
Project Name: <i>Jon, Bob #1</i>				State: Zip:																						
Project Location: <i>Eddy, NM</i>				Phone #:																						
Sampler Name: <i>Tristan Jones</i>				Fax #:																						
FOR LAB USE ONLY				MATRIX		PRESERV.		SAMPLING																		
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												
<i>H212522</i>																										
<i>1 CS-1</i>		<i>C</i>				<i>✓</i>					<i>✓</i>		<i>9/10</i>													
<i>2 CS-2</i>																										
<i>3 CS-3</i>																										
<i>4 CS-4</i>																										
<i>5 CS-5</i>																										
<i>6 CS-6</i>																										
<i>7 CS-7</i>																										
<i>8 CS-8</i>																										
<i>9 CS-9</i>																										
<i>10 CS-10</i>																										

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 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 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.

Relinquished By: <i>[Signature]</i>	Date: <i>9/10</i>	Received By: <i>[Signature]</i>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By:	Date:	Received By:	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Time:	Time:	REMARKS:		
Delivered By: (Circle One)	Sample Condition	CHECKED BY: (Initials)		
Sampler - UPS - Bus - Other:	Cool Intact			
<i>26.8°C #13</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<i>TS</i>		

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Pima Environmental Services				BILL TO				ANALYSIS REQUEST																		
Project Manager: Chris Jones				P.O. #:																						
Address: 1601 N Turner St., Suite 500				Company:																						
City: Hobbs State: NM Zip: 88240				Attn:																						
Phone #: 575-964-7740 Fax #:				Address:																						
Project #: Project Owner:				City:																						
Project Name:				State: Zip:																						
Project Location:				Phone #:																						
Sampler Name:				Fax #:																						
FOR LAB USE ONLY				MATRIX		PRESERV.		SAMPLING																		
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												
H212522													9/10													
11	CS-11																									
12	CS-12																									
13	CS-13																									
14	CS-14																									
15	CS-15																									
16	CS-16																									
17	CS-17																									
18	CS-18																									
19	CS-19																									
20	CS-20																									

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 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 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.

Relinquished By:	Date: 9/10	Received By:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Time: 16:30			Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS:	
Time:				
Delivered By: (Circle One)	Sample Condition	CHECKED BY:		
Sampler - UPS - Bus - Other:	Cool Intact	(Initials)		
26.8c #113	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	JD.		

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Pima Environmental Services				BILL TO				ANALYSIS REQUEST																		
Project Manager: Chris Jones				P.O. #:																						
Address: 1601 N Turner St., Suite 500				Company:																						
City: Hobbs State: NM Zip: 88240				Attn:																						
Phone #: 575-964-7740 Fax #:				Address:																						
Project #: Project Owner:				City:																						
Project Name:				State: Zip:																						
Project Location:				Phone #:																						
Sampler Name:				Fax #:																						
FOR LAB USE ONLY				MATRIX		PRESERV.		SAMPLING																		
Lab I.D.	Sample I.D.	(GRAB OR COMP.)	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME												
H212522													9/10													
21	CS-21	0																								
22	SW-1																									
23	SW-2																									
24	SW-3																									
25	SW-4																									
26	SW-5																									
27	SW-6																									
28	SW-7																									
29	SW-8																									
30	SW-9																									

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 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 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.

Relinquished By: <i>Justin J.</i>	Date: 9/10	Received By: <i>Tamara Alday</i>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Time: 1630			Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS:	
Time:				
Delivered By: (Circle One)	Sample Condition	CHECKED BY:		
Sampler - UPS - Bus - Other:	Cool Intact	(Initials)		
24.8c #113	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<i>T.O.</i>		

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326



CARDINAL
Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Pima Environmental Services				BILL TO				ANALYSIS REQUEST																			
Project Manager: Chris Jones				P.O. #:																							
Address: 1601 N Turner St., Suite 500				Company:																							
City: Hobbs State: NM Zip: 88240				Attn:																							
Phone #: 575-964-7740 Fax #:				Address:																							
Project #: Project Owner:				City:																							
Project Name:				State: Zip:																							
Project Location:				Phone #:																							
Sampler Name:				Fax #:																							
FOR LAB USE ONLY				MATRIX				PRESERV.		SAMPLING																	
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													
H212532	31 SW - 10	C				✓					✓		9/10		TPH EXT												
	32 SW - 11														BTX												
	33 SW - 12														Chlorides												
	34 SW - 13																										
	35 SW - 14																										
	36 SW - 15																										
	37 SW - 16																										
	38 SW - 17																										
	39 SW - 18																										
	40 SW - 19																										

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 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 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.

Relinquished By: 	Date: 9/10 Time: 1630	Received By: 	Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #:	REMARKS:
Relinquished By:	Date:	Received By:	Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Fax #:	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:					

Sample Condition
Cool Intact
☐ Yes ☒ No ☐ Yes ☒ No
CHECKED BY:
(Initials)
YO

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326

Report to:
Tom Bynum



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Jon Bob #1 Water Line

Work Order: E110079

Job Number: 21064-0001

Received: 10/16/2021

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/22/21

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.
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 10/22/21

Tom Bynum
PO Box 247
Plains, TX 79355-0247



Project Name: Jon Bob #1 Water Line
Workorder: E110079
Date Received: 10/16/2021 11:15:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/16/2021 11:15:00AM, under the Project Name: Jon Bob #1 Water Line.

The analytical test results summarized in this report with the Project Name: Jon Bob #1 Water Line apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

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

Field Offices:

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

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

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
CS1	6
CS2	7
CS3	8
CS4	9
CS5	10
CS6	11
CS7	12
CS8	13
CS9	14
CS10	15
CS11	16
CS12	17
CS13	18
CS14	19
CS15	20
CS16	21
CS17	22
CS18	23
CS19	24
CS20	25

Table of Contents (continued)

CS21	26
QC Summary Data	27
QC - Volatile Organic Compounds by EPA 8260B	27
QC - Volatile Organics by EPA 8021B	28
QC - Nonhalogenated Organics by EPA 8015D - GRO	29
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	31
QC - Anions by EPA 300.0/9056A	33
Definitions and Notes	35
Chain of Custody etc.	36

Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Jon Bob #1 Water Line	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/22/21 18:55

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS1	E110079-01A	Soil	10/15/21	10/16/21	Glass Jar, 4 oz.
CS2	E110079-02A	Soil	10/15/21	10/16/21	Glass Jar, 4 oz.
CS3	E110079-03A	Soil	10/15/21	10/16/21	Glass Jar, 4 oz.
CS4	E110079-04A	Soil	10/15/21	10/16/21	Glass Jar, 4 oz.
CS5	E110079-05A	Soil	10/15/21	10/16/21	Glass Jar, 4 oz.
CS6	E110079-06A	Soil	10/15/21	10/16/21	Glass Jar, 4 oz.
CS7	E110079-07A	Soil	10/15/21	10/16/21	Glass Jar, 4 oz.
CS8	E110079-08A	Soil	10/15/21	10/16/21	Glass Jar, 4 oz.
CS9	E110079-09A	Soil	10/15/21	10/16/21	Glass Jar, 4 oz.
CS10	E110079-10A	Soil	10/15/21	10/16/21	Glass Jar, 4 oz.
CS11	E110079-11A	Soil	10/15/21	10/16/21	Glass Jar, 4 oz.
CS12	E110079-12A	Soil	10/15/21	10/16/21	Glass Jar, 4 oz.
CS13	E110079-13A	Soil	10/15/21	10/16/21	Glass Jar, 4 oz.
CS14	E110079-14A	Soil	10/15/21	10/16/21	Glass Jar, 4 oz.
CS15	E110079-15A	Soil	10/15/21	10/16/21	Glass Jar, 4 oz.
CS16	E110079-16A	Soil	10/15/21	10/16/21	Glass Jar, 4 oz.
CS17	E110079-17A	Soil	10/15/21	10/16/21	Glass Jar, 4 oz.
CS18	E110079-18A	Soil	10/15/21	10/16/21	Glass Jar, 4 oz.
CS19	E110079-19A	Soil	10/15/21	10/16/21	Glass Jar, 4 oz.
CS20	E110079-20A	Soil	10/15/21	10/16/21	Glass Jar, 4 oz.
CS21	E110079-21A	Soil	10/15/21	10/16/21	Glass Jar, 4 oz.



Sample Data

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

Project Name: Jon Bob #1 Water Line
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
10/22/2021 6:55:18PM

CS1

E110079-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143059
Benzene	ND	0.0250	1	10/21/21	10/21/21	
Ethylbenzene	ND	0.0250	1	10/21/21	10/21/21	
Toluene	ND	0.0250	1	10/21/21	10/21/21	
o-Xylene	ND	0.0250	1	10/21/21	10/21/21	
p,m-Xylene	ND	0.0500	1	10/21/21	10/21/21	
Total Xylenes	ND	0.0250	1	10/21/21	10/21/21	
<i>Surrogate: Bromofluorobenzene</i>		100 %	70-130	10/21/21	10/21/21	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.3 %	70-130	10/21/21	10/21/21	
<i>Surrogate: Toluene-d8</i>		97.0 %	70-130	10/21/21	10/21/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143059
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/21	10/21/21	
<i>Surrogate: Bromofluorobenzene</i>		100 %	70-130	10/21/21	10/21/21	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.3 %	70-130	10/21/21	10/21/21	
<i>Surrogate: Toluene-d8</i>		97.0 %	70-130	10/21/21	10/21/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143041
Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/21	10/21/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/21/21	10/21/21	
<i>Surrogate: n-Nonane</i>		112 %	50-200	10/21/21	10/21/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143056
Chloride	ND	20.0	1	10/21/21	10/21/21	



Sample Data

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

Project Name: Jon Bob #1 Water Line
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
10/22/2021 6:55:18PM

CS2

E110079-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143059
Benzene	ND	0.0250	1	10/21/21	10/22/21	
Ethylbenzene	ND	0.0250	1	10/21/21	10/22/21	
Toluene	ND	0.0250	1	10/21/21	10/22/21	
o-Xylene	ND	0.0250	1	10/21/21	10/22/21	
p,m-Xylene	ND	0.0500	1	10/21/21	10/22/21	
Total Xylenes	ND	0.0250	1	10/21/21	10/22/21	
Surrogate: Bromofluorobenzene		102 %	70-130	10/21/21	10/22/21	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130	10/21/21	10/22/21	
Surrogate: Toluene-d8		96.0 %	70-130	10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143059
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/21	10/22/21	
Surrogate: Bromofluorobenzene		102 %	70-130	10/21/21	10/22/21	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130	10/21/21	10/22/21	
Surrogate: Toluene-d8		96.0 %	70-130	10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143041
Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/21	10/21/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/21/21	10/21/21	
Surrogate: n-Nonane		103 %	50-200	10/21/21	10/21/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143056
Chloride	ND	20.0	1	10/21/21	10/21/21	



Sample Data

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

Project Name: Jon Bob #1 Water Line
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
10/22/2021 6:55:18PM

CS3

E110079-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143059
Benzene	ND	0.0250	1	10/21/21	10/22/21	
Ethylbenzene	ND	0.0250	1	10/21/21	10/22/21	
Toluene	ND	0.0250	1	10/21/21	10/22/21	
o-Xylene	ND	0.0250	1	10/21/21	10/22/21	
p,m-Xylene	ND	0.0500	1	10/21/21	10/22/21	
Total Xylenes	ND	0.0250	1	10/21/21	10/22/21	
Surrogate: Bromofluorobenzene		102 %	70-130	10/21/21	10/22/21	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	10/21/21	10/22/21	
Surrogate: Toluene-d8		95.5 %	70-130	10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143059
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/21	10/22/21	
Surrogate: Bromofluorobenzene		102 %	70-130	10/21/21	10/22/21	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	10/21/21	10/22/21	
Surrogate: Toluene-d8		95.5 %	70-130	10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143041
Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/21	10/21/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/21/21	10/21/21	
Surrogate: n-Nonane		103 %	50-200	10/21/21	10/21/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143056
Chloride	ND	20.0	1	10/21/21	10/22/21	



Sample Data

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

Project Name: Jon Bob #1 Water Line
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
10/22/2021 6:55:18PM

CS4

E110079-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143059
Benzene	ND	0.0250	1	10/21/21	10/22/21	
Ethylbenzene	ND	0.0250	1	10/21/21	10/22/21	
Toluene	ND	0.0250	1	10/21/21	10/22/21	
o-Xylene	ND	0.0250	1	10/21/21	10/22/21	
p,m-Xylene	ND	0.0500	1	10/21/21	10/22/21	
Total Xylenes	ND	0.0250	1	10/21/21	10/22/21	
Surrogate: Bromofluorobenzene	98.0 %	70-130		10/21/21	10/22/21	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		10/21/21	10/22/21	
Surrogate: Toluene-d8	95.0 %	70-130		10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143059
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/21	10/22/21	
Surrogate: Bromofluorobenzene	98.0 %	70-130		10/21/21	10/22/21	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		10/21/21	10/22/21	
Surrogate: Toluene-d8	95.0 %	70-130		10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143041
Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/21	10/21/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/21/21	10/21/21	
Surrogate: n-Nonane	112 %	50-200		10/21/21	10/21/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143056
Chloride	ND	20.0	1	10/21/21	10/22/21	



Sample Data

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

Project Name: Jon Bob #1 Water Line
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
10/22/2021 6:55:18PM

CS5

E110079-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143059
Benzene	ND	0.0250	1	10/21/21	10/22/21	
Ethylbenzene	ND	0.0250	1	10/21/21	10/22/21	
Toluene	ND	0.0250	1	10/21/21	10/22/21	
o-Xylene	ND	0.0250	1	10/21/21	10/22/21	
p,m-Xylene	ND	0.0500	1	10/21/21	10/22/21	
Total Xylenes	ND	0.0250	1	10/21/21	10/22/21	
Surrogate: Bromofluorobenzene	99.9 %	70-130		10/21/21	10/22/21	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		10/21/21	10/22/21	
Surrogate: Toluene-d8	95.8 %	70-130		10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143059
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/21	10/22/21	
Surrogate: Bromofluorobenzene	99.9 %	70-130		10/21/21	10/22/21	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		10/21/21	10/22/21	
Surrogate: Toluene-d8	95.8 %	70-130		10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143041
Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/21	10/21/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/21/21	10/21/21	
Surrogate: n-Nonane	104 %	50-200		10/21/21	10/21/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143056
Chloride	ND	20.0	1	10/21/21	10/22/21	



Sample Data

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

Project Name: Jon Bob #1 Water Line
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
10/22/2021 6:55:18PM

CS6

E110079-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143059
Benzene	ND	0.0250	1	10/21/21	10/22/21	
Ethylbenzene	ND	0.0250	1	10/21/21	10/22/21	
Toluene	ND	0.0250	1	10/21/21	10/22/21	
o-Xylene	ND	0.0250	1	10/21/21	10/22/21	
p,m-Xylene	ND	0.0500	1	10/21/21	10/22/21	
Total Xylenes	ND	0.0250	1	10/21/21	10/22/21	
Surrogate: Bromofluorobenzene		102 %	70-130	10/21/21	10/22/21	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	10/21/21	10/22/21	
Surrogate: Toluene-d8		96.2 %	70-130	10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143059
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/21	10/22/21	
Surrogate: Bromofluorobenzene		102 %	70-130	10/21/21	10/22/21	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	10/21/21	10/22/21	
Surrogate: Toluene-d8		96.2 %	70-130	10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143041
Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/21	10/21/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/21/21	10/21/21	
Surrogate: n-Nonane		104 %	50-200	10/21/21	10/21/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143056
Chloride	ND	20.0	1	10/21/21	10/22/21	



Sample Data

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

Project Name: Jon Bob #1 Water Line
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
10/22/2021 6:55:18PM

CS7

E110079-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143059
Benzene	ND	0.0250	1	10/21/21	10/22/21	
Ethylbenzene	ND	0.0250	1	10/21/21	10/22/21	
Toluene	ND	0.0250	1	10/21/21	10/22/21	
o-Xylene	ND	0.0250	1	10/21/21	10/22/21	
p,m-Xylene	ND	0.0500	1	10/21/21	10/22/21	
Total Xylenes	ND	0.0250	1	10/21/21	10/22/21	
Surrogate: Bromofluorobenzene	99.8 %	70-130		10/21/21	10/22/21	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		10/21/21	10/22/21	
Surrogate: Toluene-d8	97.0 %	70-130		10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143059
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/21	10/22/21	
Surrogate: Bromofluorobenzene	99.8 %	70-130		10/21/21	10/22/21	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		10/21/21	10/22/21	
Surrogate: Toluene-d8	97.0 %	70-130		10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143041
Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/21	10/21/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/21/21	10/21/21	
Surrogate: n-Nonane	103 %	50-200		10/21/21	10/21/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143056
Chloride	ND	20.0	1	10/21/21	10/22/21	



Sample Data

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

Project Name: Jon Bob #1 Water Line
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
10/22/2021 6:55:18PM

CS8

E110079-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143059
Benzene	ND	0.0250	1	10/21/21	10/22/21	
Ethylbenzene	ND	0.0250	1	10/21/21	10/22/21	
Toluene	ND	0.0250	1	10/21/21	10/22/21	
o-Xylene	ND	0.0250	1	10/21/21	10/22/21	
p,m-Xylene	ND	0.0500	1	10/21/21	10/22/21	
Total Xylenes	ND	0.0250	1	10/21/21	10/22/21	
Surrogate: Bromofluorobenzene		100 %	70-130	10/21/21	10/22/21	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	10/21/21	10/22/21	
Surrogate: Toluene-d8		95.8 %	70-130	10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143059
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/21	10/22/21	
Surrogate: Bromofluorobenzene		100 %	70-130	10/21/21	10/22/21	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	10/21/21	10/22/21	
Surrogate: Toluene-d8		95.8 %	70-130	10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143041
Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/21	10/21/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/21/21	10/21/21	
Surrogate: n-Nonane		103 %	50-200	10/21/21	10/21/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143056
Chloride	ND	20.0	1	10/21/21	10/22/21	



Sample Data

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

Project Name: Jon Bob #1 Water Line
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
10/22/2021 6:55:18PM

CS9

E110079-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143059
Benzene	ND	0.0250	1	10/21/21	10/22/21	
Ethylbenzene	ND	0.0250	1	10/21/21	10/22/21	
Toluene	ND	0.0250	1	10/21/21	10/22/21	
o-Xylene	ND	0.0250	1	10/21/21	10/22/21	
p,m-Xylene	ND	0.0500	1	10/21/21	10/22/21	
Total Xylenes	ND	0.0250	1	10/21/21	10/22/21	
Surrogate: Bromofluorobenzene		101 %	70-130	10/21/21	10/22/21	
Surrogate: 1,2-Dichloroethane-d4		99.2 %	70-130	10/21/21	10/22/21	
Surrogate: Toluene-d8		95.7 %	70-130	10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143059
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/21	10/22/21	
Surrogate: Bromofluorobenzene		101 %	70-130	10/21/21	10/22/21	
Surrogate: 1,2-Dichloroethane-d4		99.2 %	70-130	10/21/21	10/22/21	
Surrogate: Toluene-d8		95.7 %	70-130	10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143041
Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/21	10/21/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/21/21	10/21/21	
Surrogate: n-Nonane		102 %	50-200	10/21/21	10/21/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143056
Chloride	ND	20.0	1	10/21/21	10/22/21	



Sample Data

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

Project Name: Jon Bob #1 Water Line
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
10/22/2021 6:55:18PM

CS10

E110079-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143059
Benzene	ND	0.0250	1	10/21/21	10/22/21	
Ethylbenzene	ND	0.0250	1	10/21/21	10/22/21	
Toluene	ND	0.0250	1	10/21/21	10/22/21	
o-Xylene	ND	0.0250	1	10/21/21	10/22/21	
p,m-Xylene	ND	0.0500	1	10/21/21	10/22/21	
Total Xylenes	ND	0.0250	1	10/21/21	10/22/21	
Surrogate: Bromofluorobenzene		102 %	70-130	10/21/21	10/22/21	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	10/21/21	10/22/21	
Surrogate: Toluene-d8		97.5 %	70-130	10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143059
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/21	10/22/21	
Surrogate: Bromofluorobenzene		102 %	70-130	10/21/21	10/22/21	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	10/21/21	10/22/21	
Surrogate: Toluene-d8		97.5 %	70-130	10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143041
Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/21	10/21/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/21/21	10/21/21	
Surrogate: n-Nonane		103 %	50-200	10/21/21	10/21/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143056
Chloride	ND	20.0	1	10/21/21	10/22/21	



Sample Data

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

Project Name: Jon Bob #1 Water Line
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
10/22/2021 6:55:18PM

CS11

E110079-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143059
Benzene	ND	0.0250	1	10/21/21	10/22/21	
Ethylbenzene	ND	0.0250	1	10/21/21	10/22/21	
Toluene	ND	0.0250	1	10/21/21	10/22/21	
o-Xylene	ND	0.0250	1	10/21/21	10/22/21	
p,m-Xylene	ND	0.0500	1	10/21/21	10/22/21	
Total Xylenes	ND	0.0250	1	10/21/21	10/22/21	
Surrogate: Bromofluorobenzene		102 %	70-130	10/21/21	10/22/21	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130	10/21/21	10/22/21	
Surrogate: Toluene-d8		96.8 %	70-130	10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143059
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/21	10/22/21	
Surrogate: Bromofluorobenzene		102 %	70-130	10/21/21	10/22/21	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130	10/21/21	10/22/21	
Surrogate: Toluene-d8		96.8 %	70-130	10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143041
Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/21	10/21/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/21/21	10/21/21	
Surrogate: n-Nonane		105 %	50-200	10/21/21	10/21/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143056
Chloride	ND	20.0	1	10/21/21	10/22/21	



Sample Data

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

Project Name: Jon Bob #1 Water Line
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
10/22/2021 6:55:18PM

CS12

E110079-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143059
Benzene	ND	0.0250	1	10/21/21	10/22/21	
Ethylbenzene	ND	0.0250	1	10/21/21	10/22/21	
Toluene	ND	0.0250	1	10/21/21	10/22/21	
o-Xylene	ND	0.0250	1	10/21/21	10/22/21	
p,m-Xylene	ND	0.0500	1	10/21/21	10/22/21	
Total Xylenes	ND	0.0250	1	10/21/21	10/22/21	
Surrogate: Bromofluorobenzene		103 %	70-130	10/21/21	10/22/21	
Surrogate: 1,2-Dichloroethane-d4		99.6 %	70-130	10/21/21	10/22/21	
Surrogate: Toluene-d8		95.9 %	70-130	10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143059
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/21	10/22/21	
Surrogate: Bromofluorobenzene		103 %	70-130	10/21/21	10/22/21	
Surrogate: 1,2-Dichloroethane-d4		99.6 %	70-130	10/21/21	10/22/21	
Surrogate: Toluene-d8		95.9 %	70-130	10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143041
Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/21	10/21/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/21/21	10/21/21	
Surrogate: n-Nonane		102 %	50-200	10/21/21	10/21/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143056
Chloride	ND	20.0	1	10/21/21	10/22/21	



Sample Data

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

Project Name: Jon Bob #1 Water Line
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
10/22/2021 6:55:18PM

CS13

E110079-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143059
Benzene	ND	0.0250	1	10/21/21	10/22/21	
Ethylbenzene	ND	0.0250	1	10/21/21	10/22/21	
Toluene	ND	0.0250	1	10/21/21	10/22/21	
o-Xylene	ND	0.0250	1	10/21/21	10/22/21	
p,m-Xylene	ND	0.0500	1	10/21/21	10/22/21	
Total Xylenes	ND	0.0250	1	10/21/21	10/22/21	
Surrogate: Bromofluorobenzene		102 %	70-130	10/21/21	10/22/21	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	10/21/21	10/22/21	
Surrogate: Toluene-d8		95.4 %	70-130	10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143059
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/21	10/22/21	
Surrogate: Bromofluorobenzene		102 %	70-130	10/21/21	10/22/21	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	10/21/21	10/22/21	
Surrogate: Toluene-d8		95.4 %	70-130	10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143041
Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/21	10/21/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/21/21	10/21/21	
Surrogate: n-Nonane		104 %	50-200	10/21/21	10/21/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143056
Chloride	ND	20.0	1	10/21/21	10/22/21	



Sample Data

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

Project Name: Jon Bob #1 Water Line
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
10/22/2021 6:55:18PM

CS14

E110079-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143059
Benzene	ND	0.0250	1	10/21/21	10/22/21	
Ethylbenzene	ND	0.0250	1	10/21/21	10/22/21	
Toluene	ND	0.0250	1	10/21/21	10/22/21	
o-Xylene	ND	0.0250	1	10/21/21	10/22/21	
p,m-Xylene	ND	0.0500	1	10/21/21	10/22/21	
Total Xylenes	ND	0.0250	1	10/21/21	10/22/21	
Surrogate: Bromofluorobenzene	99.4 %	70-130		10/21/21	10/22/21	
Surrogate: 1,2-Dichloroethane-d4	98.5 %	70-130		10/21/21	10/22/21	
Surrogate: Toluene-d8	95.3 %	70-130		10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143059
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/21	10/22/21	
Surrogate: Bromofluorobenzene	99.4 %	70-130		10/21/21	10/22/21	
Surrogate: 1,2-Dichloroethane-d4	98.5 %	70-130		10/21/21	10/22/21	
Surrogate: Toluene-d8	95.3 %	70-130		10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143041
Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/21	10/21/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/21/21	10/21/21	
Surrogate: n-Nonane	103 %	50-200		10/21/21	10/21/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143056
Chloride	ND	20.0	1	10/21/21	10/22/21	



Sample Data

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

Project Name: Jon Bob #1 Water Line
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
10/22/2021 6:55:18PM

CS15

E110079-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143059
Benzene	ND	0.0250	1	10/21/21	10/22/21	
Ethylbenzene	ND	0.0250	1	10/21/21	10/22/21	
Toluene	ND	0.0250	1	10/21/21	10/22/21	
o-Xylene	ND	0.0250	1	10/21/21	10/22/21	
p,m-Xylene	ND	0.0500	1	10/21/21	10/22/21	
Total Xylenes	ND	0.0250	1	10/21/21	10/22/21	
Surrogate: Bromofluorobenzene		101 %	70-130	10/21/21	10/22/21	
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130	10/21/21	10/22/21	
Surrogate: Toluene-d8		95.3 %	70-130	10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143059
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/21	10/22/21	
Surrogate: Bromofluorobenzene		101 %	70-130	10/21/21	10/22/21	
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130	10/21/21	10/22/21	
Surrogate: Toluene-d8		95.3 %	70-130	10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143041
Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/21	10/21/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/21/21	10/21/21	
Surrogate: n-Nonane		105 %	50-200	10/21/21	10/21/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143056
Chloride	ND	20.0	1	10/21/21	10/22/21	



Sample Data

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

Project Name: Jon Bob #1 Water Line
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
10/22/2021 6:55:18PM

CS16

E110079-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143059
Benzene	ND	0.0250	1	10/21/21	10/22/21	
Ethylbenzene	ND	0.0250	1	10/21/21	10/22/21	
Toluene	ND	0.0250	1	10/21/21	10/22/21	
o-Xylene	ND	0.0250	1	10/21/21	10/22/21	
p,m-Xylene	ND	0.0500	1	10/21/21	10/22/21	
Total Xylenes	ND	0.0250	1	10/21/21	10/22/21	
Surrogate: Bromofluorobenzene		103 %	70-130	10/21/21	10/22/21	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130	10/21/21	10/22/21	
Surrogate: Toluene-d8		96.5 %	70-130	10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143059
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/21	10/22/21	
Surrogate: Bromofluorobenzene		103 %	70-130	10/21/21	10/22/21	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130	10/21/21	10/22/21	
Surrogate: Toluene-d8		96.5 %	70-130	10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143041
Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/21	10/21/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/21/21	10/21/21	
Surrogate: n-Nonane		103 %	50-200	10/21/21	10/21/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143056
Chloride	ND	20.0	1	10/21/21	10/22/21	



Sample Data

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

Project Name: Jon Bob #1 Water Line
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
10/22/2021 6:55:18PM

CS17

E110079-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143059
Benzene	ND	0.0250	1	10/21/21	10/22/21	
Ethylbenzene	ND	0.0250	1	10/21/21	10/22/21	
Toluene	ND	0.0250	1	10/21/21	10/22/21	
o-Xylene	ND	0.0250	1	10/21/21	10/22/21	
p,m-Xylene	ND	0.0500	1	10/21/21	10/22/21	
Total Xylenes	ND	0.0250	1	10/21/21	10/22/21	
Surrogate: Bromofluorobenzene		102 %	70-130	10/21/21	10/22/21	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130	10/21/21	10/22/21	
Surrogate: Toluene-d8		99.3 %	70-130	10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143059
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/21	10/22/21	
Surrogate: Bromofluorobenzene		102 %	70-130	10/21/21	10/22/21	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130	10/21/21	10/22/21	
Surrogate: Toluene-d8		99.3 %	70-130	10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143041
Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/21	10/21/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/21/21	10/21/21	
Surrogate: n-Nonane		105 %	50-200	10/21/21	10/21/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143056
Chloride	ND	20.0	1	10/21/21	10/22/21	



Sample Data

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

Project Name: Jon Bob #1 Water Line
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
10/22/2021 6:55:18PM

CS18

E110079-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143059
Benzene	ND	0.0250	1	10/21/21	10/22/21	
Ethylbenzene	ND	0.0250	1	10/21/21	10/22/21	
Toluene	ND	0.0250	1	10/21/21	10/22/21	
o-Xylene	ND	0.0250	1	10/21/21	10/22/21	
p,m-Xylene	ND	0.0500	1	10/21/21	10/22/21	
Total Xylenes	ND	0.0250	1	10/21/21	10/22/21	
Surrogate: Bromofluorobenzene		100 %	70-130	10/21/21	10/22/21	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	10/21/21	10/22/21	
Surrogate: Toluene-d8		96.1 %	70-130	10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143059
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/21	10/22/21	
Surrogate: Bromofluorobenzene		100 %	70-130	10/21/21	10/22/21	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	10/21/21	10/22/21	
Surrogate: Toluene-d8		96.1 %	70-130	10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143041
Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/21	10/21/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/21/21	10/21/21	
Surrogate: n-Nonane		104 %	50-200	10/21/21	10/21/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143056
Chloride	ND	20.0	1	10/21/21	10/22/21	



Sample Data

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

Project Name: Jon Bob #1 Water Line
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
10/22/2021 6:55:18PM

CS19

E110079-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143059
Benzene	ND	0.0250	1	10/21/21	10/22/21	
Ethylbenzene	ND	0.0250	1	10/21/21	10/22/21	
Toluene	ND	0.0250	1	10/21/21	10/22/21	
o-Xylene	ND	0.0250	1	10/21/21	10/22/21	
p,m-Xylene	ND	0.0500	1	10/21/21	10/22/21	
Total Xylenes	ND	0.0250	1	10/21/21	10/22/21	
Surrogate: Bromofluorobenzene	98.4 %	70-130		10/21/21	10/22/21	
Surrogate: 1,2-Dichloroethane-d4	93.8 %	70-130		10/21/21	10/22/21	
Surrogate: Toluene-d8	94.3 %	70-130		10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143059
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/21	10/22/21	
Surrogate: Bromofluorobenzene	98.4 %	70-130		10/21/21	10/22/21	
Surrogate: 1,2-Dichloroethane-d4	93.8 %	70-130		10/21/21	10/22/21	
Surrogate: Toluene-d8	94.3 %	70-130		10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143041
Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/21	10/21/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/21/21	10/21/21	
Surrogate: n-Nonane	105 %	50-200		10/21/21	10/21/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143056
Chloride	ND	20.0	1	10/21/21	10/22/21	



Sample Data

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

Project Name: Jon Bob #1 Water Line
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
10/22/2021 6:55:18PM

CS20

E110079-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143059
Benzene	ND	0.0250	1	10/21/21	10/22/21	
Ethylbenzene	ND	0.0250	1	10/21/21	10/22/21	
Toluene	ND	0.0250	1	10/21/21	10/22/21	
o-Xylene	ND	0.0250	1	10/21/21	10/22/21	
p,m-Xylene	ND	0.0500	1	10/21/21	10/22/21	
Total Xylenes	ND	0.0250	1	10/21/21	10/22/21	
Surrogate: Bromofluorobenzene		101 %	70-130	10/21/21	10/22/21	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	10/21/21	10/22/21	
Surrogate: Toluene-d8		95.4 %	70-130	10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143059
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/21/21	10/22/21	
Surrogate: Bromofluorobenzene		101 %	70-130	10/21/21	10/22/21	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	10/21/21	10/22/21	
Surrogate: Toluene-d8		95.4 %	70-130	10/21/21	10/22/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143041
Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/21	10/22/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/21/21	10/22/21	
Surrogate: n-Nonane		105 %	50-200	10/21/21	10/22/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143056
Chloride	ND	20.0	1	10/21/21	10/22/21	



Sample Data

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

Project Name: Jon Bob #1 Water Line
Project Number: 21064-0001
Project Manager: Tom Bynum

Reported:
10/22/2021 6:55:18PM

CS21

E110079-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143035
Benzene	ND	0.0250	1	10/20/21	10/21/21	
Ethylbenzene	ND	0.0250	1	10/20/21	10/21/21	
Toluene	ND	0.0250	1	10/20/21	10/21/21	
o-Xylene	ND	0.0250	1	10/20/21	10/21/21	
p,m-Xylene	ND	0.0500	1	10/20/21	10/21/21	
Total Xylenes	ND	0.0250	1	10/20/21	10/21/21	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	10/20/21	10/21/21	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2143035
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/20/21	10/21/21	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.3 %	70-130	10/20/21	10/21/21	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: JL		Batch: 2143040
Diesel Range Organics (C10-C28)	ND	25.0	1	10/21/21	10/21/21	
Oil Range Organics (C28-C36)	ND	50.0	1	10/21/21	10/21/21	
<i>Surrogate: n-Nonane</i>						
		112 %	50-200	10/21/21	10/21/21	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2143028
Chloride	ND	20.0	1	10/20/21	10/20/21	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Jon Bob #1 Water Line	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/22/2021 6:55:18PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

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

Blank (2143059-BLK1)

Prepared: 10/21/21 Analyzed: 10/21/21

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	0.493		0.500		98.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.517		0.500		103	70-130			
Surrogate: Toluene-d8	0.483		0.500		96.5	70-130			

LCS (2143059-BS1)

Prepared: 10/21/21 Analyzed: 10/21/21

Benzene	2.71	0.0250	2.50		109	70-130			
Ethylbenzene	2.68	0.0250	2.50		107	70-130			
Toluene	2.71	0.0250	2.50		108	70-130			
o-Xylene	2.59	0.0250	2.50		104	70-130			
p,m-Xylene	5.47	0.0500	5.00		109	70-130			
Total Xylenes	8.07	0.0250	7.50		108	70-130			
Surrogate: Bromofluorobenzene	0.500		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.506		0.500		101	70-130			
Surrogate: Toluene-d8	0.491		0.500		98.1	70-130			

LCS Dup (2143059-BSD1)

Prepared: 10/21/21 Analyzed: 10/21/21

Benzene	2.62	0.0250	2.50		105	70-130	3.45	23	
Ethylbenzene	2.59	0.0250	2.50		104	70-130	3.51	27	
Toluene	2.61	0.0250	2.50		104	70-130	3.95	24	
o-Xylene	2.50	0.0250	2.50		100	70-130	3.57	27	
p,m-Xylene	5.31	0.0500	5.00		106	70-130	3.13	27	
Total Xylenes	7.81	0.0250	7.50		104	70-130	3.27	27	
Surrogate: Bromofluorobenzene	0.507		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.520		0.500		104	70-130			
Surrogate: Toluene-d8	0.480		0.500		95.9	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Jon Bob #1 Water Line	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/22/2021 6:55:18PM

Volatile Organics by EPA 8021B

Analyst: RKS

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

Blank (2143035-BLK1)

Prepared: 10/20/21 Analyzed: 10/21/21

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.38		8.00		92.2	70-130			

LCS (2143035-BS1)

Prepared: 10/20/21 Analyzed: 10/21/21

Benzene	4.80	0.0250	5.00		96.0	70-130			
Ethylbenzene	4.60	0.0250	5.00		92.0	70-130			
Toluene	4.81	0.0250	5.00		96.1	70-130			
o-Xylene	4.69	0.0250	5.00		93.8	70-130			
p,m-Xylene	9.36	0.0500	10.0		93.6	70-130			
Total Xylenes	14.1	0.0250	15.0		93.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.57		8.00		94.7	70-130			

LCS Dup (2143035-BS1)

Prepared: 10/20/21 Analyzed: 10/21/21

Benzene	4.74	0.0250	5.00		94.8	70-130	1.29	20	
Ethylbenzene	4.57	0.0250	5.00		91.4	70-130	0.725	20	
Toluene	4.74	0.0250	5.00		94.9	70-130	1.30	20	
o-Xylene	4.63	0.0250	5.00		92.6	70-130	1.28	20	
p,m-Xylene	9.28	0.0500	10.0		92.8	70-130	0.908	20	
Total Xylenes	13.9	0.0250	15.0		92.7	70-130	1.03	20	
Surrogate: 4-Bromochlorobenzene-PID	7.64		8.00		95.5	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Jon Bob #1 Water Line	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/22/2021 6:55:18PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

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

Blank (2143035-BLK1)

Prepared: 10/20/21 Analyzed: 10/21/21

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.49		8.00		93.6	70-130			

LCS (2143035-BS2)

Prepared: 10/20/21 Analyzed: 10/21/21

Gasoline Range Organics (C6-C10)	51.0	20.0	50.0		102	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.45		8.00		93.2	70-130			

LCS Dup (2143035-BSD2)

Prepared: 10/20/21 Analyzed: 10/21/21

Gasoline Range Organics (C6-C10)	50.8	20.0	50.0		102	70-130	0.404	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.52		8.00		94.0	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Jon Bob #1 Water Line	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/22/2021 6:55:18PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

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

Blank (2143059-BLK1)

Prepared: 10/21/21 Analyzed: 10/21/21

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.493		0.500		98.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.517		0.500		103	70-130			
Surrogate: Toluene-d8	0.483		0.500		96.5	70-130			

LCS (2143059-BS2)

Prepared: 10/21/21 Analyzed: 10/21/21

Gasoline Range Organics (C6-C10)	48.1	20.0	50.0		96.3	70-130			
Surrogate: Bromofluorobenzene	0.507		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.473		0.500		94.6	70-130			
Surrogate: Toluene-d8	0.481		0.500		96.2	70-130			

LCS Dup (2143059-BSD2)

Prepared: 10/21/21 Analyzed: 10/21/21

Gasoline Range Organics (C6-C10)	51.4	20.0	50.0		103	70-130	6.50	20	
Surrogate: Bromofluorobenzene	0.504		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.499		0.500		99.8	70-130			
Surrogate: Toluene-d8	0.486		0.500		97.1	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Jon Bob #1 Water Line	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/22/2021 6:55:18PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

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

Blank (2143040-BLK1)

Prepared: 10/21/21 Analyzed: 10/21/21

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	61.2		50.0		122	50-200			

LCS (2143040-BS1)

Prepared: 10/21/21 Analyzed: 10/21/21

Diesel Range Organics (C10-C28)	519	25.0	500		104	38-132			
Surrogate: <i>n</i> -Nonane	62.3		50.0		125	50-200			

LCS Dup (2143040-BSD1)

Prepared: 10/21/21 Analyzed: 10/21/21

Diesel Range Organics (C10-C28)	517	25.0	500		103	38-132	0.273	20	
Surrogate: <i>n</i> -Nonane	61.4		50.0		123	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Jon Bob #1 Water Line	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/22/2021 6:55:18PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

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

Blank (2143041-BLK1)

Prepared: 10/21/21 Analyzed: 10/21/21

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	59.4		50.0		119	50-200			

LCS (2143041-BS1)

Prepared: 10/21/21 Analyzed: 10/21/21

Diesel Range Organics (C10-C28)	468	25.0	500		93.5	38-132			
Surrogate: <i>n</i> -Nonane	56.6		50.0		113	50-200			

LCS Dup (2143041-BSD1)

Prepared: 10/21/21 Analyzed: 10/21/21

Diesel Range Organics (C10-C28)	469	25.0	500		93.9	38-132	0.367	20	
Surrogate: <i>n</i> -Nonane	59.5		50.0		119	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Jon Bob #1 Water Line	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/22/2021 6:55:18PM

Anions by EPA 300.0/9056A

Analyst: RAS

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

Blank (2143028-BLK1)					Prepared: 10/20/21 Analyzed: 10/20/21				
Chloride	ND	20.0							
LCS (2143028-BS1)					Prepared: 10/20/21 Analyzed: 10/20/21				
Chloride	242	20.0	250		96.8	90-110			
LCS Dup (2143028-BSD1)					Prepared: 10/20/21 Analyzed: 10/20/21				
Chloride	246	20.0	250		98.5	90-110	1.77	20	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Jon Bob #1 Water Line	Reported:
PO Box 247	Project Number:	21064-0001	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/22/2021 6:55:18PM

Anions by EPA 300.0/9056A

Analyst: IY

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

Blank (2143056-BLK1)					Prepared: 10/21/21 Analyzed: 10/21/21				
Chloride	ND	20.0							
LCS (2143056-BS1)					Prepared: 10/21/21 Analyzed: 10/21/21				
Chloride	251	20.0	250		100	90-110			
LCS Dup (2143056-BSD1)					Prepared: 10/21/21 Analyzed: 10/21/21				
Chloride	247	20.0	250		98.6	90-110	1.61	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:	Jon Bob #1 Water Line	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/22/21 18:55

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

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

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



Project Information

Chain of Custody

Page 1 of 2

Client: Pima Environmental Services Project: <u>Jon Bob #1 Water Line</u> Project Manager: Tom Bynum Address: 1601 N Turner St., Suite 500 City, State, Zip <u>Hobbs, NM, 88240</u> Phone: 580-748-1613 Email: <u>tom@pimaoil.com</u> Report due by:				Bill To Attention: Pima Environmental Services Address: 1601 N Turner St., Suite 500 City, State, Zip <u>Hobbs, NM, 88240</u> Phone: 575-964-7740 Email: <u>mae@pimaoil.com</u> Pima Project #				Lab Use Only Lab WO# <u>E 110079 21004-001</u> Job Number Analysis and Method				TAT 1D 2D 3D Standard				EPA Program CWA SDWA RCRA State NM CO UT AZ TX	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks			
	<u>10/15</u>	<u>Soil</u>	<u>1-402</u>	<u>CS1</u>	<u>1</u>							<u>X</u>					
				<u>CS2</u>	<u>2</u>												
				<u>CS3</u>	<u>3</u>												
				<u>CS4</u>	<u>4</u>												
				<u>CS5</u>	<u>5</u>												
				<u>CS6</u>	<u>6</u>												
				<u>CS7</u>	<u>7</u>												
				<u>CS8</u>	<u>8</u>												
				<u>CS9</u>	<u>9</u>												
				<u>CS10</u>	<u>10</u>												

Additional Instructions:

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

Relinquished by: (Signature) Sebastian J Date 10/15/21 Time 1135 Received by: (Signature) Jon Bob Date 10/15/21 Time 1135

Relinquished by: (Signature) Jon Bob Date 10/15/21 Time 1400 Received by: (Signature) Sebastian J Date 10/16/21 Time 8:07

Relinquished by: (Signature) Date Time Received by: (Signature) Date Time

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

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

Project Information

Chain of Custody

Page 2 of 2

Client: Pima Environmental Services				Bill To				Lab Use Only				TAT				EPA Program			
Project:				Attention: Pima Environmental Services				Lab WO#		Job Number		1D	2D	3D	Standard	CWA	SDWA		
Project Manager: Tom Bynum				Address: 1601 N Turner St., Suite 500				E110079		21004-000									
Address: 1601 N Turner St., Suite 500				City, State, Zip Hobbs, NM, 88240				Analysis and Method										RCRA	
City, State, Zip Hobbs, NM, 88240				Phone: 575-964-7740				DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0						
Phone: 580-748-1613				Email: mae@pimaoil.com											BGDOC NM	BGDOC TX			
Email: tom@pimaoil.com				Pima Project #															
Report due by:																			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Remarks													
	10/15	Soil	1-402	CS11	11	X													
				CS12	12														
				CS13	13														
				CS14	14														
				CS15	15														
				CS16	16														
				CS17	17														
				CS18	18														
				CS19	19														
				CS20	20														
Additional Instructions:				CS21	21														
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.										Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.									
Sampled by:										Lab Use Only									
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Received on ice: Y / N											
10/15/21		1135	10/15/21		1135														
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 T2 T3											
10/15/21		1400	10/16/21		11:15														
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	AVG Temp °C 4											
10/15/21		1400	10/16/21		11:15														
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other										Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA									
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			

Envirotech Analytical Laboratory

Printed: 10/16/2021 1:37:34PM

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:	10/16/21 11:15	Work Order ID:	E110079
Phone:	(575) 631-6977	Date Logged In:	10/16/21 13:34	Logged In By:	Alexa Michaels
Email:	tom@pimaoil.com	Due Date:	10/22/21 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? No

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? Yes

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.



Pima Environmental Services

Appendix F

Approved Work Plan



Pima Environmental Services, LLC
1601 N. Turner Ste 500
Hobbs, NM 88240
575-964-7740

July 12, 2021

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

Re: Work Plan Report
Jon Bob #1
API No. 30-025-24973
GPS: Latitude 32.7964058 Longitude -103.7295532
UL "A", Sec. 35, T17S, R32E
Lea County, NM
NMOCD Incident. No. NAPP2113931748

Dear Mr. Hensley,

Pima Environmental Services, LLC (Pima) has been contracted by Spur Energy Partners LLC (Spur) to perform a spill assessment and to submit a work plan for approved remediation activities on the open release that occurred at the Jon Bob #1 (Jon Bob). For this incident, the initial C-141 was submitted on 6-11-2021 and was assigned Incident ID NAPP2113931748, by the New Mexico Oil Conservation Division (NMOCD).

See Appendix C for Initial C-141.

Site Characterization

The Jon Bob is located approximately thirty-five (35) miles west of Hobbs, NM. This spill site is in Unit A, Section 35, Township 17S, Range 32E, Latitude 32.792843, Longitude -103.731364, Lea County, NM. Figure 4 references a location map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is in the Quaternary Formation Eolian and piedmont deposits (Holocene to middle Pleistocene)-interlayered eolian sands and piedmont-slope deposits (QEP). The soil in this area is made up of Berino loamy fine sands, 0 to 3 percent slopes according to the United States Department of Agriculture Natural Resources Conservation Service soil survey (Appendix B). The drainage courses in this area are well-drained. There is a low potential for karst geology to be present in the area of the Jon Bob (Figure 3).

According to the New Mexico Office of the State Engineer, depth to the nearest groundwater in this area is 240 feet below grade surface (BGS) located 2910 meters away. The nearest surface water is located 1.60 miles to the northwest. See Appendix A for referenced water surveys.

Table 1 NMAC and Closure Criteria 19.15.29					
Depth to Groundwater (Appendix A)	Constituent & Limits				
	Chlorides	Total TPH	GRO+DRO	BTEX	Benzene
240'	20,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg
<50	600 mg/kg	100 mg/kg	100 mg/kg	50 mg/kg	10mg/kg
If the release occurred within any of the following areas, the responsible party would treat the release as if the groundwater was less than 50 feet per Rule 19.15.29					
Water Issues				Yes	No
Within 300 feet of any continuously flowing watercourse or any other significant watercourse					x
Within 200 feet of any lakebed, sinkhole or playa lake (measures from the ordinary high-water mark					x
Within 300 feet from an occupied permanent residence, school, hospital, institution or church					x
Within 500 feet of a spring or a private, domestic freshwater well used by less than five households for domestic or stock water purposes					x
Within 1000 feet of any freshwater well or spring					x
Within incorporated municipal boundaries or within a defined municipal freshwater well field					x
Within 300 feet of a wetlands					x
Within the area overlying a subsurface mine					x
Within an unstable area (Karst)					x
Within a 100-year floodplain					x

Reference Figure 2 for a TOPO Map.

Release Information

On May 15, 2021, a leak was discovered coming from the Jon Bob #1 flowline. Upon further investigation the flowline appeared to have been damaged by a vehicle driving over the poly line. The released fluids were calculated to be approximately 47 barrels (bbls) of produced water. A vacuum truck was dispatched and was able to recover approximately 27 bbls.

Site Assessment and Soil Sampling Results

On May 17, 2021, Pima Environmental mobilized to the site to conduct a site assessment and obtain soil samples with a hand auger. Upon first look, there are some visual staining from the release. We sampled based on the noticeable staining and wet areas from the spill. The laboratory results of this sampling event can be found in the following data table.

7-29-20 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC								
Spur Energy - Jon Bob #001 Depth to Groundwater <50'								
Sample Date 5-17-21		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
S-1	0-6"	34.4	0.592	319	8760	1940	11019	11500
	1'	ND	ND	ND	ND	ND	ND	48
S-2	0-6"	93.9	5.48	1060	12700	2720	16480	17200
	1'	ND	ND	ND	ND	ND	ND	1280
	2'						—	15600
	3'						—	1520
S-3	0-6"	41.4	1.7	556	15400	3440	19396	13800
	1'	ND	ND	ND	ND	ND	ND	64
S-4	0-6"	86.7	2.87	1520	29900	6850	38270	12600
	1'	ND	ND	ND	ND	ND	ND	6130
	2'						—	384
S-5	0-6"	245	16.7	3330	27300	5950	36580	8130
	1'	ND	ND	ND	104	15.8	119.8	4080
	2'			ND	21	ND	21	1250
	3'						—	2160
S-6	0-6"	ND	ND	ND	343	80.6	423.6	17600
	1'			ND	ND	ND	ND	7460
	2'						—	22800
	3'						—	448
S-01	0-6"	ND	ND	ND	ND	ND	ND	16
S-02	0-6"	ND	ND	ND	ND	ND	ND	32
S-03	0-6"	ND	ND	ND	ND	ND	ND	16
S-04	0-6"	ND	ND	ND	ND	ND	ND	16

ND- Analyte Not Detected

Complete Laboratory Reports are attached in Appendix D.

Proposed Site Remediation

Pima proposes that the contaminated areas from the releases and from our sampling event that exceed NMAC Closure Criteria be remediated through excavation dig and haul using mechanical equipment as well as in-situ and ex-situ bioremediation.

- The area in the vicinity of S-2 and S-5 will be a dig and haul, and we will use MMX as a sub-contractor to work on this area of the spill and rebuild the road; a calculated volume of material to dig and haul is 875 cu/yd.
- For the pasture, we will in-situ and ex-situ bioremediate utilizing 2 of our chemicals. A calculated volume of material to be treated is 842 cu/yd:
 - o SA-1000 will be used to treat the Chlorides.
 - o Soil Rx will be used to treat the hydrocarbons.
- This will be a 2-step process consisting of treating and tilling repeated 3-times to ensure the chemical bonds to the soils.
- Sidewall and bottom confirmation samples will be obtained to ensure we have removed to replace or treat all contaminated materials. Each composite sample will be representative of no more than 200 square feet.
- The material will be machine compacted and contoured back in place to match the surrounding area.
- Sixty (60) days after the chemical has been applied, Pima will retest the areas that have been treated. Results from this sampling event will be inserted into the closure report and submitted at that time.

Should you have any questions or need additional information, please feel free to contact Chris Jones at 575-964-7740 or chris@pimaoil.com.

Respectfully,



Chris Jones
Environmental Professional
Pima Environmental Services, LLC
1601 N. Turner St. Ste 500
Hobbs, NM 88240

Attachments

Figures:

- 1- Site Map
- 2- TOPO Map
- 3- Karst Map
- 4- Location Map

Appendices:

- Appendix A- Referenced Water Surveys
- Appendix B- Soil Survey
- Appendix C- Initial C-141
- Appendix D- Laboratory Reports



Pima Environmental Services

Figures:

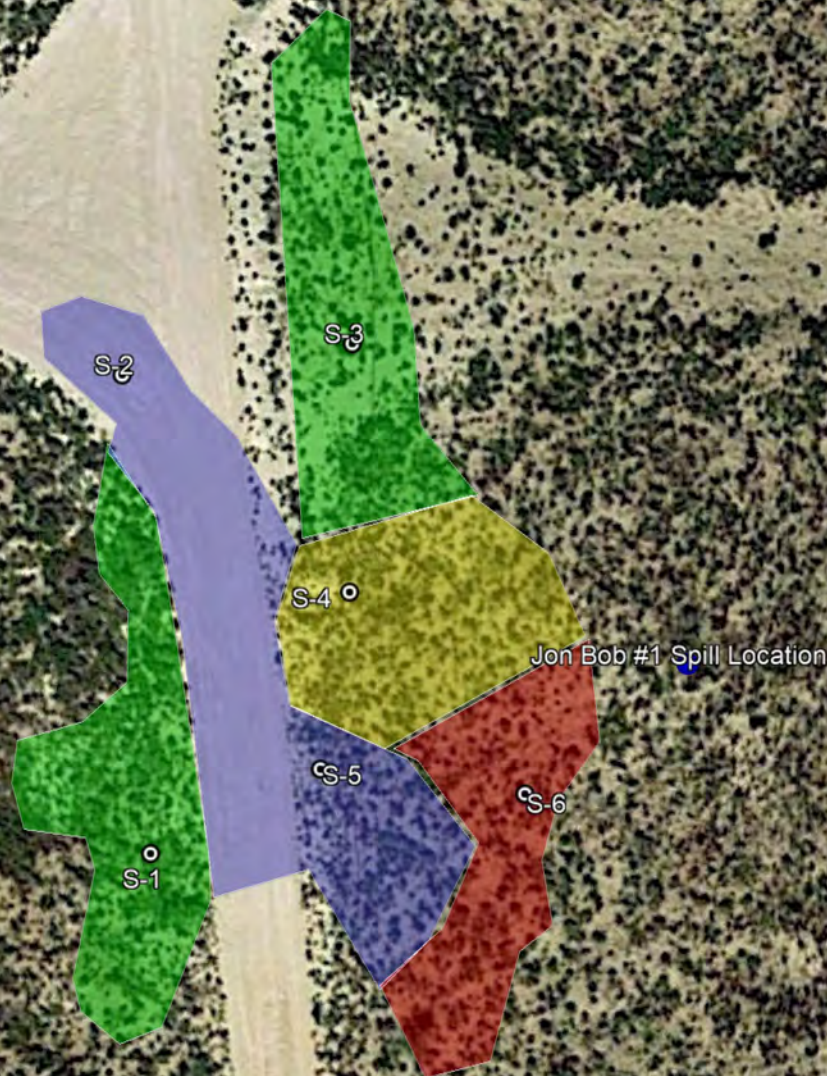
- 1-Site Map
- 2- TOPO Map
- 3- Karst Map
- 4- Location Map

Spur Energy

Jon Bob #1 Spill Location
API #30-025-24973
Lea County, NM
Treatment Depth Map

Legend

- 1'
- 2'
- 3'
- 4'
- Jon Bob #1 Spill Location
- Samples



Jon Bob #1 Spill Location

S-2

S-3

S-4

S-5

S-6

S-1



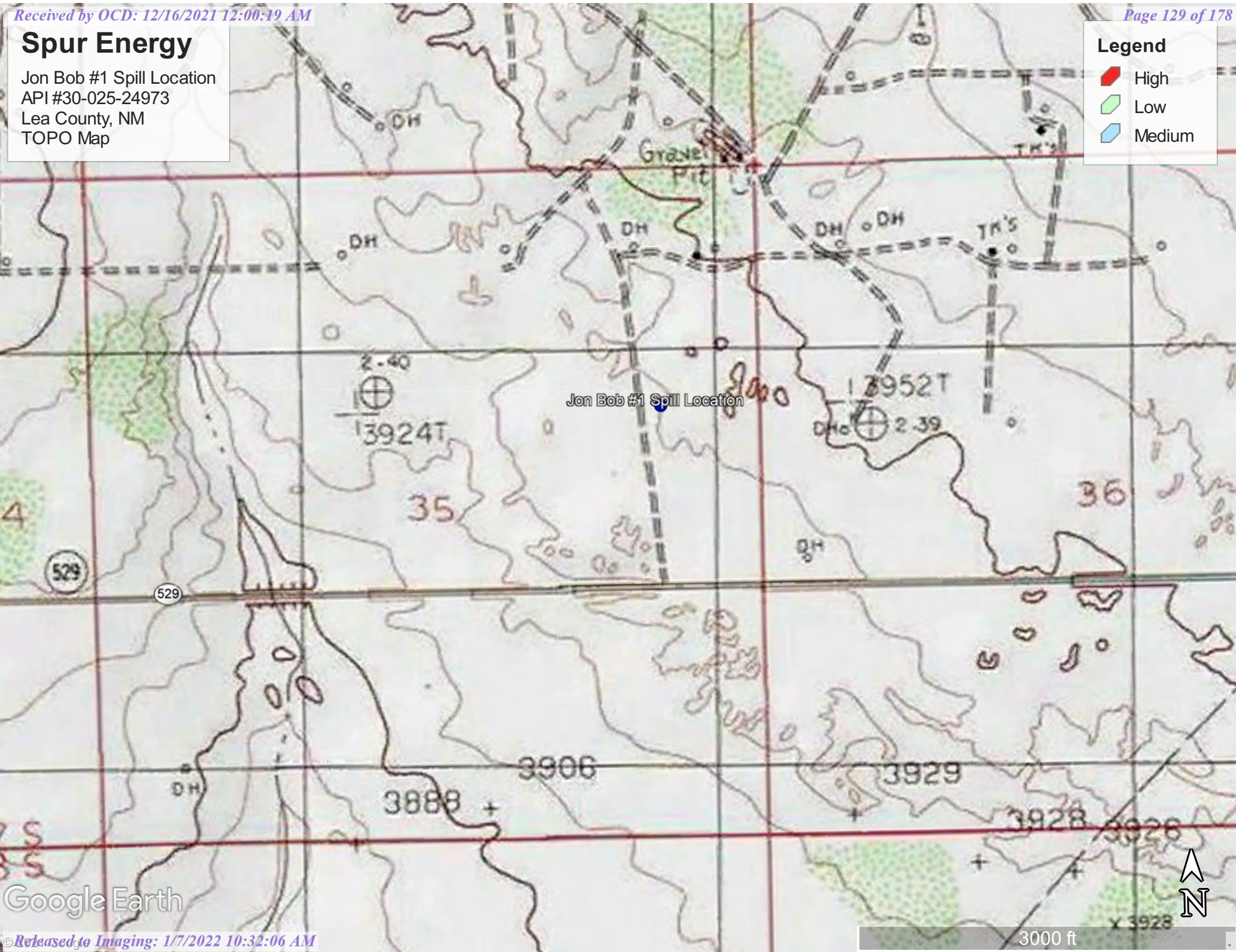
100 ft

Google Earth

Spur Energy

Jon Bob #1 Spill Location
API #30-025-24973
Lea County, NM
TOPO Map

- Legend**
- High
 - Low
 - Medium



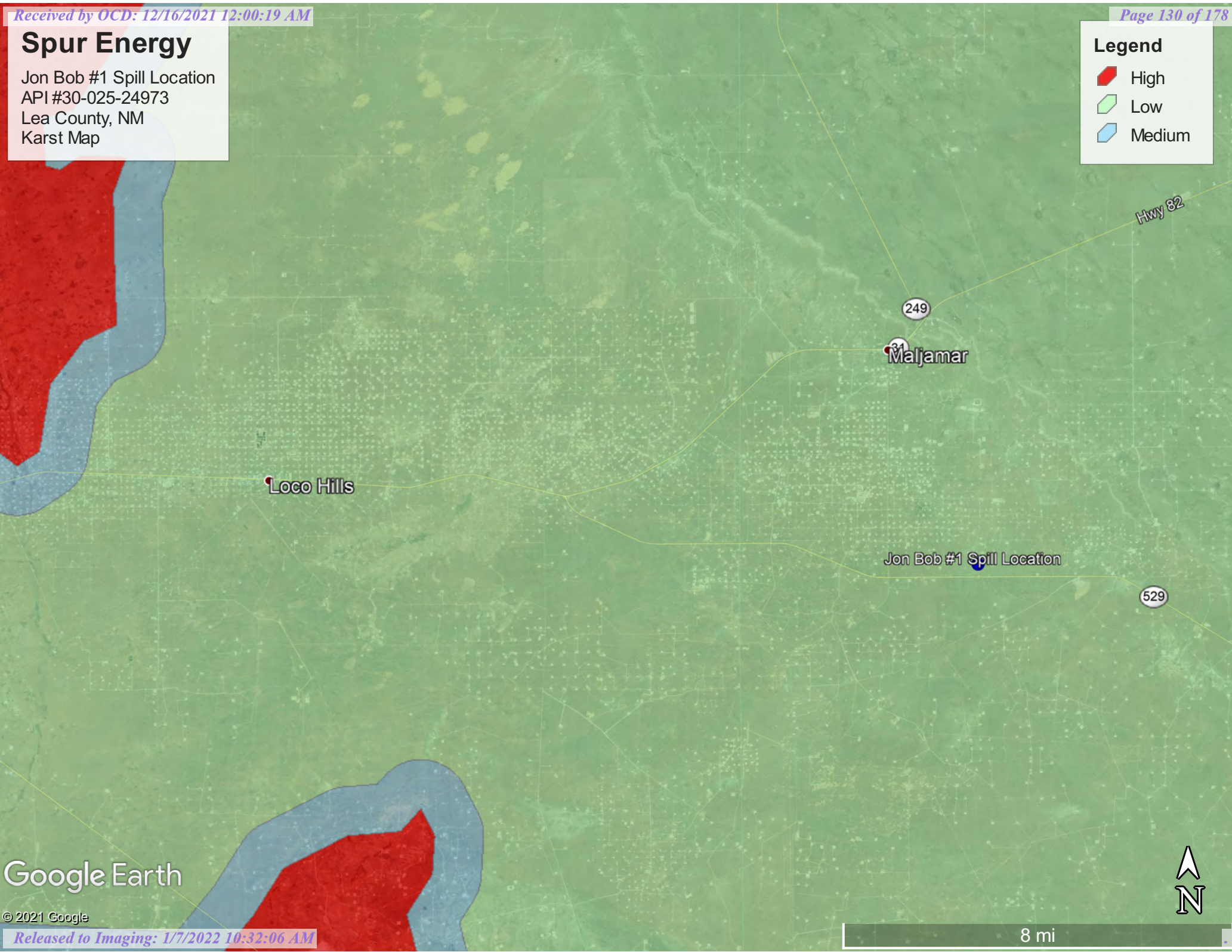
Google Earth

Spur Energy

Jon Bob #1 Spill Location
API #30-025-24973
Lea County, NM
Karst Map

Legend

- High
- Low
- Medium



Google Earth

© 2021 Google



8 mi

Spur Energy

Jon Bob #1 Spill Location
API #30-025-24973
Lea County, NM
Location Map

Legend

- High
- Low
- Medium

Jon Bob #1 Spill Location

529

Hwy 82

82

S-4 W. Co



8 mi

Google Earth



Pima Environmental Services

Appendix A
Water Surveys:

OSE
Surface Water Map

5/20/2021



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

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

(NAD83 UTM in meters)

(In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
L 13909 POD1		L	LE	4	1	4	31	17S	33E	621735	3628514	2910	240	240	0
													Average Depth to Water:	240 feet	
													Minimum Depth:	240 feet	
													Maximum Depth:	240 feet	

Record Count: 1

UTMNAD83 Radius Search (in meters):

Easting (X): 618875.989

Northing (Y): 3629062.528


Radius: 3000

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.



New Mexico Office of the State Engineer

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 Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
L	13909 POD1	4	1	4	31	17S	33E	621735	3628514 

Driller License: 1044 **Driller Company:** EADES WELL DRILLING & PUMP SERVICE

Driller Name: ALLAN EADES

Drill Start Date: 07/09/2015 **Drill Finish Date:** 07/09/2015 **Plug Date:**

Log File Date: 08/17/2015 **PCW Rev Date:** **Source:** Shallow

Pump Type: **Pipe Discharge Size:** **Estimated Yield:**

Casing Size: 5.14 **Depth Well:** 240 feet **Depth Water:** 240 feet

Water Bearing Stratifications:	Top	Bottom	Description
	100	119	Sandstone/Gravel/Conglomerate
	122	219	Sandstone/Gravel/Conglomerate
	219	240	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	200	240

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.

5/20/21 10:34 AM

POINT OF DIVERSION SUMMARY

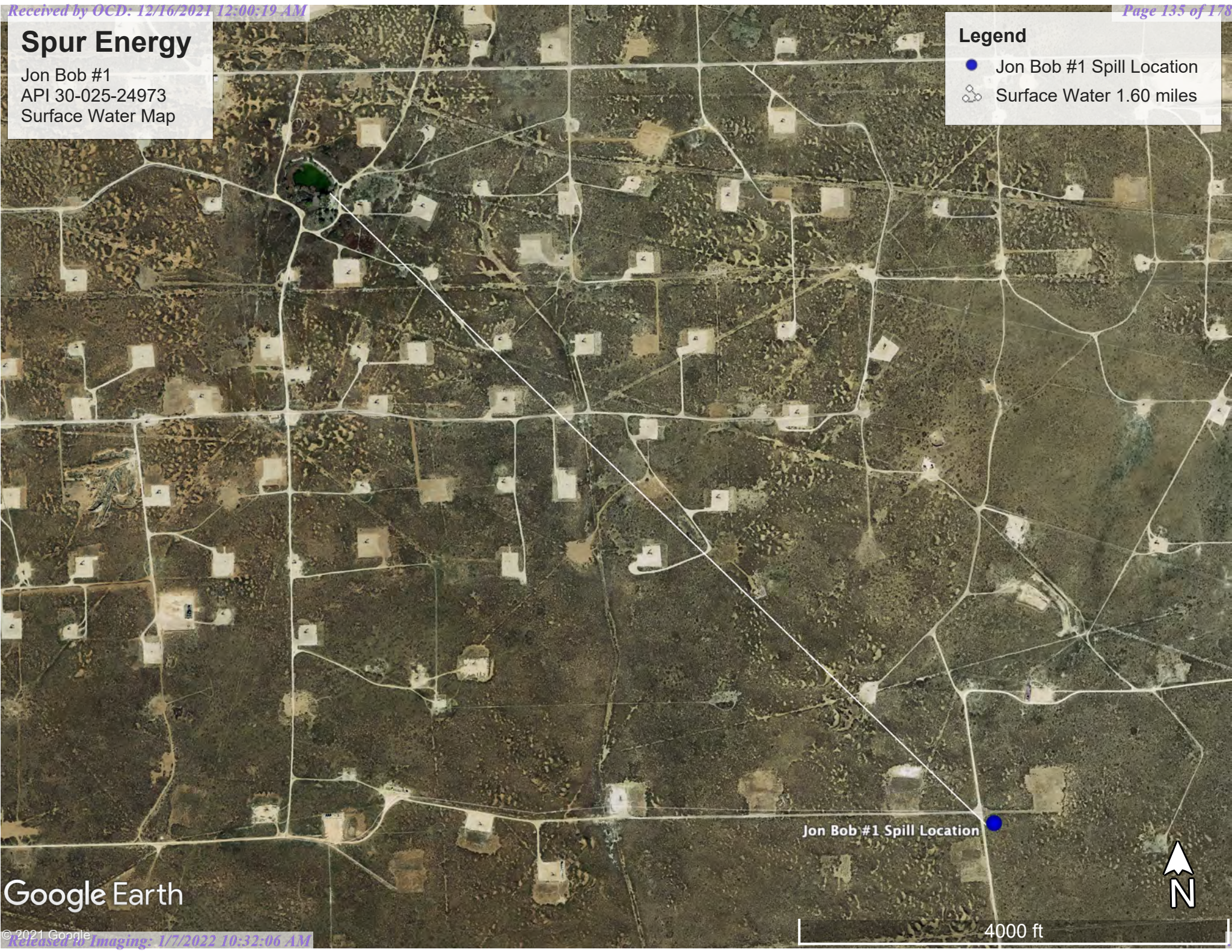
Spur Energy

Jon Bob #1
API 30-025-24973
Surface Water Map

Legend

Jon Bob #1 Spill Location

Surface Water 1.60 miles



Google Earth



Pima Environmental Services

Appendix B:

Soil Survey

Map Unit Description: Pyote and Maljamar fine sands---Lea County, New Mexico

Lea County, New Mexico

PU—Pyote and Maljamar fine sands

Map Unit Setting

National map unit symbol: dmqq

Elevation: 3,000 to 3,900 feet

Mean annual precipitation: 10 to 12 inches

Mean annual air temperature: 60 to 62 degrees F

Frost-free period: 190 to 205 days

Farmland classification: Not prime farmland

Map Unit Composition

Pyote and similar soils: 46 percent

Maljamar and similar soils: 44 percent

Minor components: 10 percent

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

Description of Pyote

Setting

Landform: Plains

Landform position (three-dimensional): Rise

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Sandy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 30 inches: fine sand

Bt - 30 to 60 inches: fine sandy loam

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Runoff class: Negligible

Capacity of the most limiting layer to transmit water (Ksat): High
(2.00 to 6.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 5 percent

Gypsum, maximum content: 1 percent

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

Sodium adsorption ratio, maximum: 2.0

Available water capacity: Low (about 5.1 inches)

Interpretive groups

Land capability classification (irrigated): 6e



Map Unit Description: Pyote and Maljamar fine sands---Lea County, New Mexico

Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: A
Ecological site: R042XC003NM - Loamy Sand
Hydric soil rating: No

Description of Maljamar

Setting

Landform: Plains
Landform position (three-dimensional): Rise
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Sandy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 24 inches: fine sand
Bt - 24 to 50 inches: sandy clay loam
Bkm - 50 to 60 inches: cemented material

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 40 to 60 inches to petrocalcic
Drainage class: Well drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 5 percent
Gypsum, maximum content: 1 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water capacity: Low (about 5.6 inches)

Interpretive groups

Land capability classification (irrigated): 6e
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: B
Ecological site: R042XC003NM - Loamy Sand
Hydric soil rating: No

Minor Components

Kermit

Percent of map unit: 10 percent
Ecological site: R042XC022NM - Sandhills

Map Unit Description: Pyote and Maljamar fine sands---Lea County, New Mexico

Hydric soil rating: No

Data Source Information

Soil Survey Area: Lea County, New Mexico

Survey Area Data: Version 17, Jun 8, 2020



Pima Environmental Services

Appendix C:

C-141
Initial



Pima Environmental Services

Appendix D:
Laboratory Results

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

May 27, 2021

CHRIS JONES

PIMA ENVIROMENTAL

1601 N TURNER STE. 500

HOBBS, NM 88240

RE: JON BOB #1

Enclosed are the results of analyses for samples received by the laboratory on 05/17/21 14:55.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. 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/ga/lab_accred_certif.html.

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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,

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
1601 N TURNER STE. 500
HOBBS NM, 88240

Project: JON BOB #1
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
27-May-21 11:04

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
S 1 - SURFACE	H211274-01	Soil	17-May-21 00:00	17-May-21 14:55
S 1 - 1'	H211274-02	Soil	17-May-21 00:00	17-May-21 14:55
S 2 - SURFACE	H211274-05	Soil	17-May-21 00:00	17-May-21 14:55
S 2 - 1'	H211274-06	Soil	17-May-21 00:00	17-May-21 14:55
S 2 - 2'	H211274-07	Soil	17-May-21 00:00	17-May-21 14:55
S 2 - 3'	H211274-08	Soil	17-May-21 00:00	17-May-21 14:55
S 3 - SURFACE	H211274-09	Soil	17-May-21 00:00	17-May-21 14:55
S 3 - 1'	H211274-10	Soil	17-May-21 00:00	17-May-21 14:55
S 4 - SURFACE	H211274-13	Soil	17-May-21 00:00	17-May-21 14:55
S 4 - 1'	H211274-14	Soil	17-May-21 00:00	17-May-21 14:55
S 4 - 2'	H211274-15	Soil	17-May-21 00:00	17-May-21 14:55
S 5 - SURFACE	H211274-17	Soil	17-May-21 00:00	17-May-21 14:55
S 5 - 1'	H211274-18	Soil	17-May-21 00:00	17-May-21 14:55
S 5 - 2'	H211274-19	Soil	17-May-21 00:00	17-May-21 14:55
S 5 - 3'	H211274-20	Soil	17-May-21 00:00	17-May-21 14:55
S 6 - SURFACE	H211274-21	Soil	17-May-21 00:00	17-May-21 14:55
S 6 - 1'	H211274-22	Soil	17-May-21 00:00	17-May-21 14:55
S 6 - 2'	H211274-23	Soil	17-May-21 00:00	17-May-21 14:55
S 6 - 3'	H211274-24	Soil	17-May-21 00:00	17-May-21 14:55
01 - (0-6")	H211274-25	Soil	17-May-21 00:00	17-May-21 14:55
02 - (0-6")	H211274-26	Soil	17-May-21 00:00	17-May-21 14:55
03 - (0-6")	H211274-27	Soil	17-May-21 00:00	17-May-21 14:55
04 - (0-6")	H211274-28	Soil	17-May-21 00:00	17-May-21 14:55

05/27/21 - Project name was changed as per the client. This is the revised report and will replace the one sent on 05/26/21.

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 or 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 damage 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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
1601 N TURNER STE. 500
HOBBS NM, 88240

Project: JON BOB #1
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
27-May-21 11:04

S 1 - SURFACE
H211274-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	11500		16.0	mg/kg	4	1051816	GM	18-May-21	4500-Cl-B	
-----------------	--------------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	0.592		0.050	mg/kg	50	1051812	MS	19-May-21	8021B	
Toluene*	4.26		0.050	mg/kg	50	1051812	MS	19-May-21	8021B	
Ethylbenzene*	9.63		0.050	mg/kg	50	1051812	MS	19-May-21	8021B	
Total Xylenes*	19.9		0.150	mg/kg	50	1051812	MS	19-May-21	8021B	
Total BTEX	34.4		0.300	mg/kg	50	1051812	MS	19-May-21	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			177 %		69.9-140	1051812	MS	19-May-21	8021B	
--	--	--	-------	--	----------	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID**S-06**

GRO C6-C10*	319		50.0	mg/kg	5	1051805	MS	18-May-21	8015B	
DRO >C10-C28*	8760		50.0	mg/kg	5	1051805	MS	18-May-21	8015B	
EXT DRO >C28-C36	1940		50.0	mg/kg	5	1051805	MS	18-May-21	8015B	

<i>Surrogate: 1-Chlorooctane</i>			144 %		44.3-133	1051805	MS	18-May-21	8015B	
----------------------------------	--	--	-------	--	----------	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			303 %		38.9-142	1051805	MS	18-May-21	8015B	
--------------------------------------	--	--	-------	--	----------	---------	----	-----------	-------	--

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 or 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 damage 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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
1601 N TURNER STE. 500
HOBBS NM, 88240

Project: JON BOB #1
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
27-May-21 11:04

S 1 - 1'
H211274-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	48.0		16.0	mg/kg	4	1052014	AC	21-May-21	4500-Cl-B	
----------	------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1051923	MS	20-May-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1051923	MS	20-May-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1051923	MS	20-May-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1051923	MS	20-May-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1051923	MS	20-May-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		111 %		69.9-140		1051923	MS	20-May-21	8021B	
---------------------------------------	--	-------	--	----------	--	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1052002	MS	20-May-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1052002	MS	20-May-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1052002	MS	20-May-21	8015B	

Surrogate: 1-Chlorooctane		86.3 %		44.3-133		1052002	MS	20-May-21	8015B	
---------------------------	--	--------	--	----------	--	---------	----	-----------	-------	--

Surrogate: 1-Chlorooctadecane		86.4 %		38.9-142		1052002	MS	20-May-21	8015B	
-------------------------------	--	--------	--	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
1601 N TURNER STE. 500
HOBBS NM, 88240

Project: JON BOB #1
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
27-May-21 11:04

S 2 - SURFACE**H211274-05 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	17200		16.0	mg/kg	4	1051816	GM	18-May-21	4500-Cl-B	
----------	-------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	5.48		0.500	mg/kg	500	1051812	MS	18-May-21	8021B	
Toluene*	19.8		0.500	mg/kg	500	1051812	MS	18-May-21	8021B	
Ethylbenzene*	25.2		0.500	mg/kg	500	1051812	MS	18-May-21	8021B	
Total Xylenes*	43.4		1.50	mg/kg	500	1051812	MS	18-May-21	8021B	
Total BTEX	93.9		3.00	mg/kg	500	1051812	MS	18-May-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 132 % 69.9-140 1051812 MS 18-May-21 8021B

Petroleum Hydrocarbons by GC FID**S-06**

GRO C6-C10*	1060		50.0	mg/kg	5	1051805	MS	18-May-21	8015B	
DRO >C10-C28*	12700		50.0	mg/kg	5	1051805	MS	18-May-21	8015B	
EXT DRO >C28-C36	2720		50.0	mg/kg	5	1051805	MS	18-May-21	8015B	

Surrogate: 1-Chlorooctane 189 % 44.3-133 1051805 MS 18-May-21 8015B

Surrogate: 1-Chlorooctadecane 375 % 38.9-142 1051805 MS 18-May-21 8015B

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 or 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 damage 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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
1601 N TURNER STE. 500
HOBBS NM, 88240

Project: JON BOB #1
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
27-May-21 11:04

S 2 - 1'
H211274-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	1280		16.0	mg/kg	4	1052014	AC	21-May-21	4500-Cl-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1051923	MS	20-May-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1051923	MS	20-May-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1051923	MS	20-May-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1051923	MS	20-May-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1051923	MS	20-May-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 110 % 69.9-140 1051923 MS 20-May-21 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1052002	MS	20-May-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1052002	MS	20-May-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1052002	MS	20-May-21	8015B	

Surrogate: 1-Chlorooctane 87.2 % 44.3-133 1052002 MS 20-May-21 8015B

Surrogate: 1-Chlorooctadecane 86.2 % 38.9-142 1052002 MS 20-May-21 8015B

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 or 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 damage 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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
1601 N TURNER STE. 500
HOBBS NM, 88240

Project: JON BOB #1
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
27-May-21 11:04

S 2 - 2'
H211274-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	--------------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	15600		16.0	mg/kg	4	1052403	AC	24-May-21	4500-Cl-B	
-----------------	--------------	--	------	-------	---	---------	----	-----------	-----------	--

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 or 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 damage 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.

A handwritten signature in cursive script, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
1601 N TURNER STE. 500
HOBBS NM, 88240

Project: JON BOB #1
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
27-May-21 11:04

S 2 - 3'
H211274-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	1520		16.0	mg/kg	4	1052607	GM	26-May-21	4500-Cl-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

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 or 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 damage 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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
1601 N TURNER STE. 500
HOBBS NM, 88240

Project: JON BOB #1
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
27-May-21 11:04

S 3 - SURFACE**H211274-09 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	13800		16.0	mg/kg	4	1051816	GM	18-May-21	4500-Cl-B	
-----------------	--------------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	1.70		0.100	mg/kg	100	1051812	MS	19-May-21	8021B	
Toluene*	6.70		0.100	mg/kg	100	1051812	MS	19-May-21	8021B	
Ethylbenzene*	11.7		0.100	mg/kg	100	1051812	MS	19-May-21	8021B	
Total Xylenes*	21.3		0.300	mg/kg	100	1051812	MS	19-May-21	8021B	
Total BTEX	41.4		0.600	mg/kg	100	1051812	MS	19-May-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 204 % 69.9-140 1051812 MS 19-May-21 8021B

Petroleum Hydrocarbons by GC FID**S-06**

GRO C6-C10*	556		50.0	mg/kg	5	1051805	MS	18-May-21	8015B	
DRO >C10-C28*	15400		50.0	mg/kg	5	1051805	MS	18-May-21	8015B	
EXT DRO >C28-C36	3440		50.0	mg/kg	5	1051805	MS	18-May-21	8015B	

Surrogate: 1-Chlorooctane 172 % 44.3-133 1051805 MS 18-May-21 8015B

Surrogate: 1-Chlorooctadecane 439 % 38.9-142 1051805 MS 18-May-21 8015B

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 or 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 damage 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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
1601 N TURNER STE. 500
HOBBS NM, 88240

Project: JON BOB #1
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
27-May-21 11:04

S 3 - 1'
H211274-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	64.0		16.0	mg/kg	4	1052014	AC	21-May-21	4500-Cl-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1051923	MS	20-May-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1051923	MS	20-May-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1051923	MS	20-May-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1051923	MS	20-May-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1051923	MS	20-May-21	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			110 %	69.9-140		1051923	MS	20-May-21	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1052002	MS	20-May-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1052002	MS	20-May-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1052002	MS	20-May-21	8015B	

<i>Surrogate: 1-Chlorooctane</i>			88.2 %	44.3-133		1052002	MS	20-May-21	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			88.8 %	38.9-142		1052002	MS	20-May-21	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
1601 N TURNER STE. 500
HOBBS NM, 88240

Project: JON BOB #1
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
27-May-21 11:04

S 4 - SURFACE**H211274-13 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	12600		16.0	mg/kg	4	1051816	GM	18-May-21	4500-Cl-B	
----------	-------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	2.87		0.500	mg/kg	500	1051812	MS	18-May-21	8021B	
Toluene*	14.4		0.500	mg/kg	500	1051812	MS	18-May-21	8021B	
Ethylbenzene*	25.1		0.500	mg/kg	500	1051812	MS	18-May-21	8021B	
Total Xylenes*	44.4		1.50	mg/kg	500	1051812	MS	18-May-21	8021B	
Total BTEX	86.7		3.00	mg/kg	500	1051812	MS	18-May-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 140 % 69.9-140 1051812 MS 18-May-21 8021B

Petroleum Hydrocarbons by GC FID**S-06**

GRO C6-C10*	1520		100	mg/kg	10	1051805	MS	18-May-21	8015B	
DRO >C10-C28*	29900		100	mg/kg	10	1051805	MS	18-May-21	8015B	
EXT DRO >C28-C36	6850		100	mg/kg	10	1051805	MS	18-May-21	8015B	

Surrogate: 1-Chlorooctane 248 % 44.3-133 1051805 MS 18-May-21 8015B

Surrogate: 1-Chlorooctadecane 768 % 38.9-142 1051805 MS 18-May-21 8015B

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 or 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 damage 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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
1601 N TURNER STE. 500
HOBBS NM, 88240

Project: JON BOB #1
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
27-May-21 11:04

S 4 - 1'
H211274-14 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	6130		16.0	mg/kg	4	1052014	AC	21-May-21	4500-Cl-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1051923	MS	20-May-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1051923	MS	20-May-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1051923	MS	20-May-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1051923	MS	20-May-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1051923	MS	20-May-21	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			110 %		69.9-140	1051923	MS	20-May-21	8021B	
--	--	--	-------	--	----------	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1052002	MS	20-May-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1052002	MS	20-May-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1052002	MS	20-May-21	8015B	

<i>Surrogate: 1-Chlorooctane</i>			86.4 %		44.3-133	1052002	MS	20-May-21	8015B	
----------------------------------	--	--	--------	--	----------	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			86.9 %		38.9-142	1052002	MS	20-May-21	8015B	
--------------------------------------	--	--	--------	--	----------	---------	----	-----------	-------	--

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 or 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 damage 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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
1601 N TURNER STE. 500
HOBBS NM, 88240

Project: JON BOB #1
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
27-May-21 11:04

S 4 - 2'
H211274-15 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	384		16.0	mg/kg	4	1052403	AC	24-May-21	4500-Cl-B	
-----------------	------------	--	------	-------	---	---------	----	-----------	-----------	--

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 or 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 damage 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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
1601 N TURNER STE. 500
HOBBS NM, 88240

Project: JON BOB #1
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
27-May-21 11:04

S 5 - SURFACE**H211274-17 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	8130		16.0	mg/kg	4	1051816	GM	18-May-21	4500-Cl-B	
----------	------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	16.7		0.500	mg/kg	500	1051812	MS	18-May-21	8021B	
Toluene*	52.4		0.500	mg/kg	500	1051812	MS	18-May-21	8021B	
Ethylbenzene*	65.6		0.500	mg/kg	500	1051812	MS	18-May-21	8021B	
Total Xylenes*	110		1.50	mg/kg	500	1051812	MS	18-May-21	8021B	
Total BTEX	245		3.00	mg/kg	500	1051812	MS	18-May-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 197 % 69.9-140 1051812 MS 18-May-21 8021B

Petroleum Hydrocarbons by GC FID**S-06**

GRO C6-C10*	3330		100	mg/kg	10	1051805	MS	18-May-21	8015B	
DRO >C10-C28*	27300		100	mg/kg	10	1051805	MS	18-May-21	8015B	
EXT DRO >C28-C36	5950		100	mg/kg	10	1051805	MS	18-May-21	8015B	

Surrogate: 1-Chlorooctane 325 % 44.3-133 1051805 MS 18-May-21 8015B

Surrogate: 1-Chlorooctadecane 699 % 38.9-142 1051805 MS 18-May-21 8015B

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 or 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 damage 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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
1601 N TURNER STE. 500
HOBBS NM, 88240

Project: JON BOB #1
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
27-May-21 11:04

S 5 - 1'
H211274-18 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	4080		16.0	mg/kg	4	1052014	AC	21-May-21	4500-Cl-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	1051923	MS	20-May-21	8021B	
Toluene*	<0.050	0.050	mg/kg	50	1051923	MS	20-May-21	8021B	
Ethylbenzene*	0.087	0.050	mg/kg	50	1051923	MS	20-May-21	8021B	
Total Xylenes*	0.197	0.150	mg/kg	50	1051923	MS	20-May-21	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	1051923	MS	20-May-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	113 %	69.9-140	1051923	MS	20-May-21	8021B
---------------------------------------	-------	----------	---------	----	-----------	-------

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	1052002	MS	20-May-21	8015B
DRO >C10-C28*	104	10.0	mg/kg	1	1052002	MS	20-May-21	8015B
EXT DRO >C28-C36	15.8	10.0	mg/kg	1	1052002	MS	20-May-21	8015B

Surrogate: 1-Chlorooctane	88.6 %	44.3-133	1052002	MS	20-May-21	8015B
---------------------------	--------	----------	---------	----	-----------	-------

Surrogate: 1-Chlorooctadecane	91.6 %	38.9-142	1052002	MS	20-May-21	8015B
-------------------------------	--------	----------	---------	----	-----------	-------

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 or 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 damage 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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
1601 N TURNER STE. 500
HOBBS NM, 88240

Project: JON BOB #1
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
27-May-21 11:04

S 5 - 2'
H211274-19 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	1250		16.0	mg/kg	4	1052403	AC	24-May-21	4500-Cl-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1052404	MS	24-May-21	8015B	
DRO >C10-C28*	21.0		10.0	mg/kg	1	1052404	MS	24-May-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1052404	MS	24-May-21	8015B	
Surrogate: 1-Chlorooctane			96.2 %	44.3-133		1052404	MS	24-May-21	8015B	
Surrogate: 1-Chlorooctadecane			98.0 %	38.9-142		1052404	MS	24-May-21	8015B	

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 or 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 damage 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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
1601 N TURNER STE. 500
HOBBS NM, 88240

Project: JON BOB #1
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
27-May-21 11:04

S 5 - 3'
H211274-20 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	2160		16.0	mg/kg	4	1052607	GM	26-May-21	4500-Cl-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

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 or 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 damage 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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
1601 N TURNER STE. 500
HOBBS NM, 88240

Project: JON BOB #1
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
27-May-21 11:04

S 6 - SURFACE**H211274-21 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	17600		16.0	mg/kg	4	1051816	GM	18-May-21	4500-Cl-B	
-----------------	--------------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1051812	MS	18-May-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1051812	MS	18-May-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1051812	MS	18-May-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1051812	MS	18-May-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1051812	MS	18-May-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			115 %	69.9-140		1051812	MS	18-May-21	8021B	
---------------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1051805	MS	18-May-21	8015B	
DRO >C10-C28*	343		10.0	mg/kg	1	1051805	MS	18-May-21	8015B	
EXT DRO >C28-C36	80.6		10.0	mg/kg	1	1051805	MS	18-May-21	8015B	

Surrogate: 1-Chlorooctane			104 %	44.3-133		1051805	MS	18-May-21	8015B	
---------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

Surrogate: 1-Chlorooctadecane			111 %	38.9-142		1051805	MS	18-May-21	8015B	
-------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
1601 N TURNER STE. 500
HOBBS NM, 88240

Project: JON BOB #1
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
27-May-21 11:04

S 6 - 1'
H211274-22 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	7460		16.0	mg/kg	4	1052014	AC	21-May-21	4500-Cl-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1052002	MS	20-May-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1052002	MS	20-May-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1052002	MS	20-May-21	8015B	
Surrogate: 1-Chlorooctane			88.8 %	44.3-133		1052002	MS	20-May-21	8015B	
Surrogate: 1-Chlorooctadecane			89.5 %	38.9-142		1052002	MS	20-May-21	8015B	

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 or 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 damage 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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
1601 N TURNER STE. 500
HOBBS NM, 88240

Project: JON BOB #1
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
27-May-21 11:04

S 6 - 2'
H211274-23 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	22800		16.0	mg/kg	4	1052403	AC	24-May-21	4500-Cl-B	
-----------------	--------------	--	------	-------	---	---------	----	-----------	-----------	--

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 or 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 damage 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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
1601 N TURNER STE. 500
HOBBS NM, 88240

Project: JON BOB #1
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
27-May-21 11:04

S 6 - 3'
H211274-24 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	448		16.0	mg/kg	4	1052607	GM	26-May-21	4500-Cl-B	
-----------------	------------	--	------	-------	---	---------	----	-----------	-----------	--

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 or 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 damage 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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
1601 N TURNER STE. 500
HOBBS NM, 88240

Project: JON BOB #1
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
27-May-21 11:04

01 - (0-6")**H211274-25 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	1051816	GM	18-May-21	4500-Cl-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	1051812	MS	18-May-21	8021B	
Toluene*	<0.050	0.050	mg/kg	50	1051812	MS	18-May-21	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	1051812	MS	18-May-21	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	1051812	MS	18-May-21	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	1051812	MS	18-May-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	104 %	69.9-140	1051812	MS	18-May-21	8021B	
---------------------------------------	-------	----------	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	1051805	MS	18-May-21	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	1051805	MS	18-May-21	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	1051805	MS	18-May-21	8015B	

Surrogate: 1-Chlorooctane	102 %	44.3-133	1051805	MS	18-May-21	8015B	
---------------------------	-------	----------	---------	----	-----------	-------	--

Surrogate: 1-Chlorooctadecane	101 %	38.9-142	1051805	MS	18-May-21	8015B	
-------------------------------	-------	----------	---------	----	-----------	-------	--

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 or 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 damage 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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
1601 N TURNER STE. 500
HOBBS NM, 88240

Project: JON BOB #1
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
27-May-21 11:04

02 - (0-6")**H211274-26 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	1051816	GM	18-May-21	4500-Cl-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1051812	MS	18-May-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1051812	MS	18-May-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1051812	MS	18-May-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1051812	MS	18-May-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1051812	MS	18-May-21	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			111 %	69.9-140		1051812	MS	18-May-21	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1051805	MS	18-May-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1051805	MS	18-May-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1051805	MS	18-May-21	8015B	

<i>Surrogate: 1-Chlorooctane</i>			99.8 %	44.3-133		1051805	MS	18-May-21	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			98.4 %	38.9-142		1051805	MS	18-May-21	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
1601 N TURNER STE. 500
HOBBS NM, 88240

Project: JON BOB #1
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
27-May-21 11:04

03 - (0-6")**H211274-27 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	1051816	GM	18-May-21	4500-Cl-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1051812	MS	18-May-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1051812	MS	18-May-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1051812	MS	18-May-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1051812	MS	18-May-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1051812	MS	18-May-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140 1051812 MS 18-May-21 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1051805	MS	18-May-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1051805	MS	18-May-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1051805	MS	18-May-21	8015B	

Surrogate: 1-Chlorooctane 104 % 44.3-133 1051805 MS 18-May-21 8015B

Surrogate: 1-Chlorooctadecane 103 % 38.9-142 1051805 MS 18-May-21 8015B

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 or 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 damage 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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
1601 N TURNER STE. 500
HOBBS NM, 88240

Project: JON BOB #1
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
27-May-21 11:04

04 - (0-6")**H211274-28 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	1051816	GM	18-May-21	4500-Cl-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1051812	MS	18-May-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1051812	MS	18-May-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1051812	MS	18-May-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1051812	MS	18-May-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1051812	MS	18-May-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140 1051812 MS 18-May-21 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1051805	MS	18-May-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1051805	MS	18-May-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1051805	MS	18-May-21	8015B	

Surrogate: 1-Chlorooctane 97.9 % 44.3-133 1051805 MS 18-May-21 8015B

Surrogate: 1-Chlorooctadecane 97.1 % 38.9-142 1051805 MS 18-May-21 8015B

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 or 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 damage 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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
1601 N TURNER STE. 500
HOBBS NM, 88240

Project: JON BOB #1
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
27-May-21 11:04

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1051816 - 1:4 DI Water**Blank (1051816-BLK1)**

Prepared & Analyzed: 18-May-21

Chloride	ND	16.0	mg/kg
----------	----	------	-------

LCS (1051816-BS1)

Prepared & Analyzed: 18-May-21

Chloride	416	16.0	mg/kg	400	104	80-120
----------	-----	------	-------	-----	-----	--------

LCS Dup (1051816-BSD1)

Prepared & Analyzed: 18-May-21

Chloride	416	16.0	mg/kg	400	104	80-120	0.00	20
----------	-----	------	-------	-----	-----	--------	------	----

Batch 1052014 - 1:4 DI Water**Blank (1052014-BLK1)**

Prepared & Analyzed: 20-May-21

Chloride	ND	16.0	mg/kg
----------	----	------	-------

LCS (1052014-BS1)

Prepared & Analyzed: 20-May-21

Chloride	400	16.0	mg/kg	400	100	80-120
----------	-----	------	-------	-----	-----	--------

LCS Dup (1052014-BSD1)

Prepared & Analyzed: 20-May-21

Chloride	416	16.0	mg/kg	400	104	80-120	3.92	20
----------	-----	------	-------	-----	-----	--------	------	----

Batch 1052403 - 1:4 DI Water**Blank (1052403-BLK1)**

Prepared & Analyzed: 24-May-21

Chloride	ND	16.0	mg/kg
----------	----	------	-------

LCS (1052403-BS1)

Prepared & Analyzed: 24-May-21

Chloride	400	16.0	mg/kg	400	100	80-120
----------	-----	------	-------	-----	-----	--------

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 or 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 damage 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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
1601 N TURNER STE. 500
HOBBS NM, 88240

Project: JON BOB #1
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
27-May-21 11:04

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch 1052403 - 1:4 DI Water**LCS Dup (1052403-BSD1)**

Prepared & Analyzed: 24-May-21

Chloride	416	16.0	mg/kg	400		104	80-120	3.92	20	
----------	-----	------	-------	-----	--	-----	--------	------	----	--

Batch 1052607 - 1:4 DI Water**Blank (1052607-BLK1)**

Prepared & Analyzed: 26-May-21

Chloride	ND	16.0	mg/kg							
----------	----	------	-------	--	--	--	--	--	--	--

LCS (1052607-BS1)

Prepared & Analyzed: 26-May-21

Chloride	400	16.0	mg/kg	400		100	80-120			
----------	-----	------	-------	-----	--	-----	--------	--	--	--

LCS Dup (1052607-BSD1)

Prepared & Analyzed: 26-May-21

Chloride	400	16.0	mg/kg	400		100	80-120	0.00	20	
----------	-----	------	-------	-----	--	-----	--------	------	----	--

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 or 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 damage 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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
1601 N TURNER STE. 500
HOBBS NM, 88240

Project: JON BOB #1
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
27-May-21 11:04

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1051812 - Volatiles**Blank (1051812-BLK1)**

Prepared & Analyzed: 18-May-21

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0544		mg/kg	0.0500		109	69.9-140			

LCS (1051812-BS1)

Prepared & Analyzed: 18-May-21

Benzene	1.91	0.050	mg/kg	2.00		95.3	89.9-120			
Toluene	2.13	0.050	mg/kg	2.00		106	90.8-117			
Ethylbenzene	2.15	0.050	mg/kg	2.00		108	88.9-116			
m,p-Xylene	4.27	0.100	mg/kg	4.00		107	85.5-118			
o-Xylene	2.08	0.050	mg/kg	2.00		104	85.5-118			
Total Xylenes	6.36	0.150	mg/kg	6.00		106	85.5-118			
Surrogate: 4-Bromofluorobenzene (PID)	0.0529		mg/kg	0.0500		106	69.9-140			

LCS Dup (1051812-BSD1)

Prepared & Analyzed: 18-May-21

Benzene	1.94	0.050	mg/kg	2.00		97.2	89.9-120	1.95	10.3	
Toluene	2.20	0.050	mg/kg	2.00		110	90.8-117	3.16	10.5	
Ethylbenzene	2.20	0.050	mg/kg	2.00		110	88.9-116	2.49	10.8	
m,p-Xylene	4.37	0.100	mg/kg	4.00		109	85.5-118	2.30	10.7	
o-Xylene	2.12	0.050	mg/kg	2.00		106	85.5-118	1.79	10.7	
Total Xylenes	6.49	0.150	mg/kg	6.00		108	85.5-118	2.14	10.7	
Surrogate: 4-Bromofluorobenzene (PID)	0.0543		mg/kg	0.0500		109	69.9-140			

Batch 1051923 - Volatiles**Blank (1051923-BLK1)**

Prepared: 19-May-21 Analyzed: 20-May-21

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							

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 or 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 damage 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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
1601 N TURNER STE. 500
HOBBS NM, 88240

Project: JON BOB #1
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
27-May-21 11:04

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1051923 - Volatiles**Blank (1051923-BLK1)**

Prepared: 19-May-21 Analyzed: 20-May-21

Total BTEX	ND	0.300	mg/kg							
------------	----	-------	-------	--	--	--	--	--	--	--

Surrogate: 4-Bromofluorobenzene (PID)	0.0557		mg/kg	0.0500		111	69.9-140			
---------------------------------------	--------	--	-------	--------	--	-----	----------	--	--	--

LCS (1051923-BS1)

Prepared: 19-May-21 Analyzed: 20-May-21

Benzene	1.93	0.050	mg/kg	2.00		96.3	89.9-120			
---------	------	-------	-------	------	--	------	----------	--	--	--

Toluene	1.95	0.050	mg/kg	2.00		97.3	90.8-117			
---------	------	-------	-------	------	--	------	----------	--	--	--

Ethylbenzene	1.90	0.050	mg/kg	2.00		95.1	88.9-116			
--------------	------	-------	-------	------	--	------	----------	--	--	--

m,p-Xylene	3.81	0.100	mg/kg	4.00		95.3	85.5-118			
------------	------	-------	-------	------	--	------	----------	--	--	--

o-Xylene	1.95	0.050	mg/kg	2.00		97.6	85.5-118			
----------	------	-------	-------	------	--	------	----------	--	--	--

Total Xylenes	5.77	0.150	mg/kg	6.00		96.1	85.5-118			
---------------	------	-------	-------	------	--	------	----------	--	--	--

Surrogate: 4-Bromofluorobenzene (PID)	0.0541		mg/kg	0.0500		108	69.9-140			
---------------------------------------	--------	--	-------	--------	--	-----	----------	--	--	--

LCS Dup (1051923-BS1)

Prepared: 19-May-21 Analyzed: 20-May-21

Benzene	2.01	0.050	mg/kg	2.00		100	89.9-120	4.28	10.3	
---------	------	-------	-------	------	--	-----	----------	------	------	--

Toluene	2.04	0.050	mg/kg	2.00		102	90.8-117	4.58	10.5	
---------	------	-------	-------	------	--	-----	----------	------	------	--

Ethylbenzene	2.02	0.050	mg/kg	2.00		101	88.9-116	6.07	10.8	
--------------	------	-------	-------	------	--	-----	----------	------	------	--

m,p-Xylene	4.05	0.100	mg/kg	4.00		101	85.5-118	5.91	10.7	
------------	------	-------	-------	------	--	-----	----------	------	------	--

o-Xylene	2.06	0.050	mg/kg	2.00		103	85.5-118	5.56	10.7	
----------	------	-------	-------	------	--	-----	----------	------	------	--

Total Xylenes	6.11	0.150	mg/kg	6.00		102	85.5-118	5.79	10.7	
---------------	------	-------	-------	------	--	-----	----------	------	------	--

Surrogate: 4-Bromofluorobenzene (PID)	0.0539		mg/kg	0.0500		108	69.9-140			
---------------------------------------	--------	--	-------	--------	--	-----	----------	--	--	--

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 or 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 damage 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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
1601 N TURNER STE. 500
HOBBS NM, 88240

Project: JON BOB #1
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
27-May-21 11:04

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 1051805 - General Prep - Organics**Blank (1051805-BLK1)**

Prepared & Analyzed: 18-May-21

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	54.5		mg/kg	50.0		109	44.3-133			
Surrogate: 1-Chlorooctadecane	54.7		mg/kg	50.0		109	38.9-142			

LCS (1051805-BS1)

Prepared & Analyzed: 18-May-21

GRO C6-C10	208	10.0	mg/kg	200		104	83.4-129			
DRO >C10-C28	222	10.0	mg/kg	200		111	84.3-133			
Total TPH C6-C28	430	10.0	mg/kg	400		107	85.3-130			
Surrogate: 1-Chlorooctane	57.0		mg/kg	50.0		114	44.3-133			
Surrogate: 1-Chlorooctadecane	57.8		mg/kg	50.0		116	38.9-142			

LCS Dup (1051805-BS1)

Prepared & Analyzed: 18-May-21

GRO C6-C10	220	10.0	mg/kg	200		110	83.4-129	5.70	12.6	
DRO >C10-C28	233	10.0	mg/kg	200		117	84.3-133	5.10	12.1	
Total TPH C6-C28	454	10.0	mg/kg	400		113	85.3-130	5.39	11.6	
Surrogate: 1-Chlorooctane	58.4		mg/kg	50.0		117	44.3-133			
Surrogate: 1-Chlorooctadecane	59.2		mg/kg	50.0		118	38.9-142			

Batch 1052002 - General Prep - Organics**Blank (1052002-BLK1)**

Prepared & Analyzed: 20-May-21

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	41.4		mg/kg	50.0		82.8	44.3-133			
Surrogate: 1-Chlorooctadecane	39.6		mg/kg	50.0		79.1	38.9-142			

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 or 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 damage 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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
1601 N TURNER STE. 500
HOBBS NM, 88240

Project: JON BOB #1
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
27-May-21 11:04

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	----------------	-----	--------------	-------

Batch 1052002 - General Prep - Organics**LCS (1052002-BS1)**

Prepared & Analyzed: 20-May-21

GRO C6-C10	212	10.0	mg/kg	200		106	83.4-129		
DRO >C10-C28	215	10.0	mg/kg	200		107	84.3-133		
Total TPH C6-C28	427	10.0	mg/kg	400		107	85.3-130		
Surrogate: 1-Chlorooctane	45.5		mg/kg	50.0		91.0	44.3-133		
Surrogate: 1-Chlorooctadecane	44.1		mg/kg	50.0		88.2	38.9-142		

LCS Dup (1052002-BS1)

Prepared & Analyzed: 20-May-21

GRO C6-C10	219	10.0	mg/kg	200		110	83.4-129	3.37	12.6
DRO >C10-C28	224	10.0	mg/kg	200		112	84.3-133	3.95	12.1
Total TPH C6-C28	443	10.0	mg/kg	400		111	85.3-130	3.66	11.6
Surrogate: 1-Chlorooctane	46.6		mg/kg	50.0		93.2	44.3-133		
Surrogate: 1-Chlorooctadecane	45.5		mg/kg	50.0		91.0	38.9-142		

Batch 1052404 - General Prep - Organics**Blank (1052404-BLK1)**

Prepared & Analyzed: 24-May-21

GRO C6-C10	ND	10.0	mg/kg						
DRO >C10-C28	ND	10.0	mg/kg						
EXT DRO >C28-C36	ND	10.0	mg/kg						
Surrogate: 1-Chlorooctane	44.3		mg/kg	50.0		88.6	44.3-133		
Surrogate: 1-Chlorooctadecane	44.1		mg/kg	50.0		88.2	38.9-142		

LCS (1052404-BS1)

Prepared & Analyzed: 24-May-21

GRO C6-C10	224	10.0	mg/kg	200		112	83.4-129		
DRO >C10-C28	234	10.0	mg/kg	200		117	84.3-133		
Total TPH C6-C28	459	10.0	mg/kg	400		115	85.3-130		
Surrogate: 1-Chlorooctane	46.6		mg/kg	50.0		93.2	44.3-133		
Surrogate: 1-Chlorooctadecane	46.4		mg/kg	50.0		92.9	38.9-142		

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 or 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 damage 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.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
1601 N TURNER STE. 500
HOBBS NM, 88240

Project: JON BOB #1
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
27-May-21 11:04

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch 1052404 - General Prep - Organics**LCS Dup (1052404-BSD1)**

Prepared & Analyzed: 24-May-21

GRO C6-C10	222	10.0	mg/kg	200		111	83.4-129	1.02	12.6	
DRO >C10-C28	232	10.0	mg/kg	200		116	84.3-133	1.22	12.1	
Total TPH C6-C28	453	10.0	mg/kg	400		113	85.3-130	1.12	11.6	
Surrogate: 1-Chlorooctane	47.6		mg/kg	50.0		95.2	44.3-133			
Surrogate: 1-Chlorooctadecane	47.4		mg/kg	50.0		94.9	38.9-142			

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 or 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 damage 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.

Celey D. Keene, Lab Director/Quality Manager

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

Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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

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 or 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 damage 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.

A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1 of 3

Page 34 of 36

Company Name: PIMA ENVIRONMENTAL				BILL TO				ANALYSIS REQUEST			
Project Manager: Chris Jones				P.O. #:							
Address: 1601 N. Turner Ste 500				Company: SPUR							
City: Hobbs State: NM Zip: 88240				Attn:							
Phone #:				Address:							
Project #: Jon				City:							
Project Name: Joe Bob #1				State: Zip:							
Project Location:				Phone #:							
Sampler Name: S.O				Fax #:							
FOR LAB USE ONLY											
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING					
				GROUNDWATER							
				WASTEWATER							
				SOIL							
				OIL							
				SLUDGE							
				OTHER:							
				ACID/BASE:							
				ICE / COOL							
				OTHER:							
				DATE		TIME					
H211274											
1	S1-Surface	(G)	1	X			5/17/21				
2	S1-1'										
3	S1-2'										
4	S1-3'										
5	S2-Surface										
6	S2-1'										
7	S2-2'										
8	S2-3'										
9	S3-Surface										
10	S3-1'										

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 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 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.

Relinquished By: <i>[Signature]</i>	Date: 5/17/21	Received By: <i>[Signature]</i>	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
Relinquished By:	Time: 1455	Received By:	All Results are emailed. Please provide Email address:
Delivered By: (Circle One)	Date:		*Project name revised as per Chris. ch 5/27/21
Sampler - UPS - Bus - Other:	Time:		REMARKS:
	Observed Temp. °C 25.8	Sample Condition	TPH: 100ppm CL: 600ppm
	Corrected Temp. °C	Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	BTEX: 50ppm
		Checked By: (Initials) JO	Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>
			Thermometer ID #113
			Correction Factor None
			Bacteria (only) Sample Condition
			Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No
			Observed Temp. °C
			Corrected Temp. °C

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2 of 3

Page 35 of 36

Company Name: <u>PIMA</u>				BILL TO				ANALYSIS REQUEST											
Project Manager:				P.O. #:															
Address:				Company:															
City: State: Zip:				Attn:															
Phone #: Fax #:				Address:															
Project #: <u>Jon</u> Project Owner:				City:															
Project Name: <u>Joe Bob #1</u> <u>ck 5/27/21</u>				State: Zip:															
Project Location:				Phone #:															
Sampler Name:				Fax #:															
FOR LAB USE ONLY																			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX				PRESERV.		SAMPLING									
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL					OTHER:	DATE	TIME	
<u>H211274</u>						X					X		<u>5/17/21</u>						
<u>11</u>	<u>S3-2'</u>																		
<u>12</u>	<u>S3-3'</u>																		
<u>13</u>	<u>S4-Surface</u>																		
<u>14</u>	<u>S4-1'</u>																		
<u>15</u>	<u>S4-2'</u>																		
<u>16</u>	<u>S4-3'</u>																		
<u>17</u>	<u>S5-Surface</u>																		
<u>18</u>	<u>S5-1'</u>																		
<u>19</u>	<u>S5-2'</u>																		
<u>20</u>	<u>S5-3'</u>																		

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 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 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.

Relinquished By: <u>Sebastian J.</u>	Date: <u>5/17/21</u>	Received By: <u>Tamara Delaney</u>	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
Relinquished By:	Time: <u>1455</u>	Received By:	All Results are emailed. Please provide Email address:
Delivered By: (Circle One)	Date:	Observed Temp. °C <u>25.8</u>	REMARKS:
Sampler - UPS - Bus - Other:	Time:	Corrected Temp. °C	Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>
Sample Condition		CHECKED BY: (Initials) <u>T.S.</u>	Bacteria (only) Sample Condition
Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Thermometer ID #113	Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		Correction Factor None	Observed Temp. °C
			Corrected Temp. °C

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

3 of 3

Page 36 of 36

Company Name: <u>PIMA</u>				BILL TO				ANALYSIS REQUEST																													
Project Manager:				P.O. #:				<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>City: _____ State: _____ Zip: _____</p> <p>Phone #: _____ Fax #: _____</p> <p>Project #: <u>Jon</u> Project Owner: _____</p> <p>Project Name: <u>Joe Bob #1</u> <u>ck 5/27/21</u></p> <p>Project Location: _____</p> <p>Sampler Name: _____</p> </div> <div style="width: 65%;"> <p>City: _____ State: _____ Zip: _____</p> <p>Phone #: _____ Fax #: _____</p> </div> </div>																													
Address:				Company:																																	
City:				Attn:																																	
State:				Address:																																	
Zip:				City:																																	
Phone #:				State:																																	
Fax #:				Zip:																																	
Project Owner:				Phone #:																																	
Project Name:				Fax #:																																	
Project Location:																																					
Sampler Name:																																					
FOR LAB USE ONLY																																					
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV.		SAMPLING																									
				GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER:		ACID/BASE:		ICE / COOL		OTHER:		DATE		TIME													
<u>H211274</u>				<u>G1</u>		<u>1</u>		<u>X</u>										<u>X</u>				<u>5/17/21</u>															
<u>21</u>		<u>SG-Surface</u>																																			
<u>22</u>		<u>SG-1'</u>																																			
<u>23</u>		<u>SG-2'</u>																																			
<u>24</u>		<u>SG-3'</u>																																			
<u>25</u>		<u>O1 - (0-6")</u>																																			
<u>26</u>		<u>O2 - (0-6")</u>																																			
<u>27</u>		<u>O3 - (0-6")</u>																																			
<u>28</u>		<u>O4 - (0-6")</u>																																			

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 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 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 terms or otherwise.

Relinquished By: <u>Delestan J.</u>		Date: <u>5/17/21</u>		Received By: <u>Jamara</u>		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
Time: <u>1455</u>		Time: <u>1455</u>		Time: <u>1455</u>		All Results are emailed. Please provide Email address:	
Relinquished By:		Date:		Received By:		REMARKS:	
Time:		Time:		Time:		Turnaround Time: <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Rush	
Delivered By: (Circle One)		Observed Temp. °C <u>25.8</u>		Sample Condition		CHECKED BY: (Initials) <u>JD</u>	
Sampler - UPS - Bus - Other:		Corrected Temp. °C		Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Thermometer ID #113	
				Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Correction Factor None	
				Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Bacteria (only) Sample Condition	
				Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Cool Intact Observed Temp. °C	
				Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Corrected Temp. °C	

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

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

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

CONDITIONS

Action 67207

CONDITIONS

Operator: Pima Environmental Services, LLC 5614 N Lovington Hwy Hobbs, NM 88240	OGRID: 329999
	Action Number: 67207
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
chensley	None	1/7/2022