

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: _____

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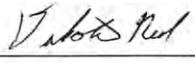
State of New Mexico
Oil Conservation Division

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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: <u>Ramona Marcus</u> Date: <u>7/14/2021</u>



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:

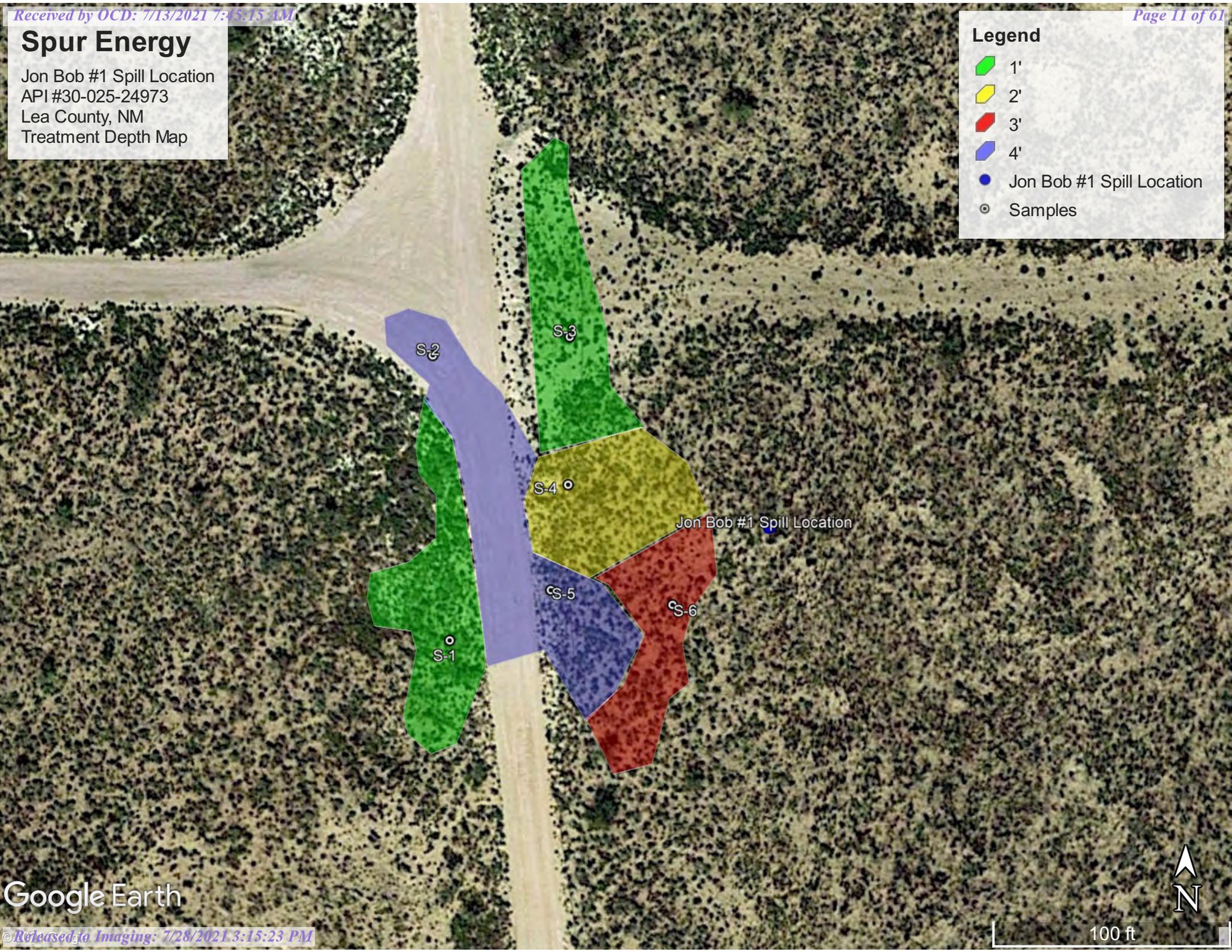
- 1-Site Map
- 2- TOPO Map
- 3- Karst Map
- 4- Location Map

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



Google Earth

100 ft

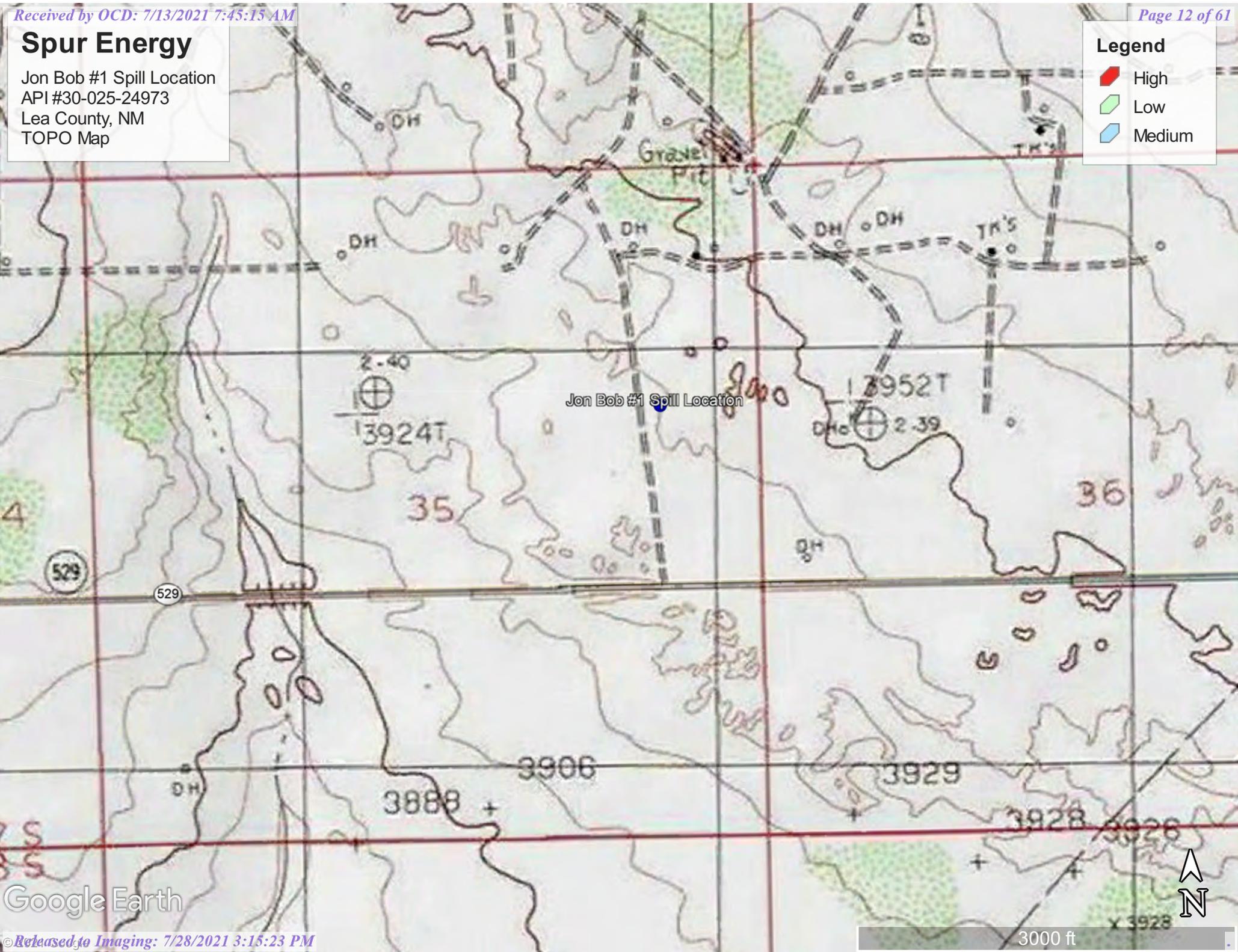


Spur Energy

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

Legend

-  High
-  Low
-  Medium



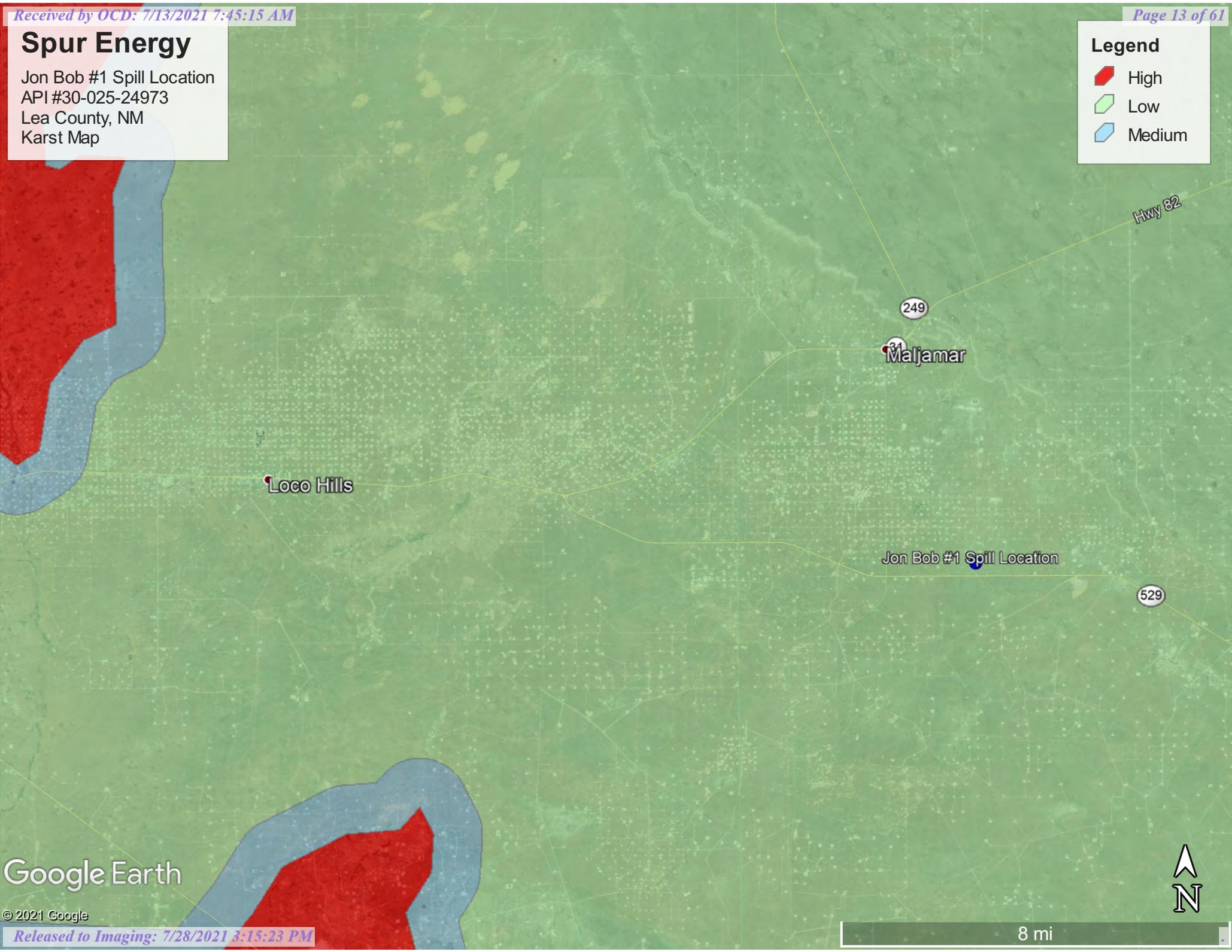
Google Earth

Spur Energy

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

Legend

-  High
-  Low
-  Medium



Google Earth

© 2021 Google

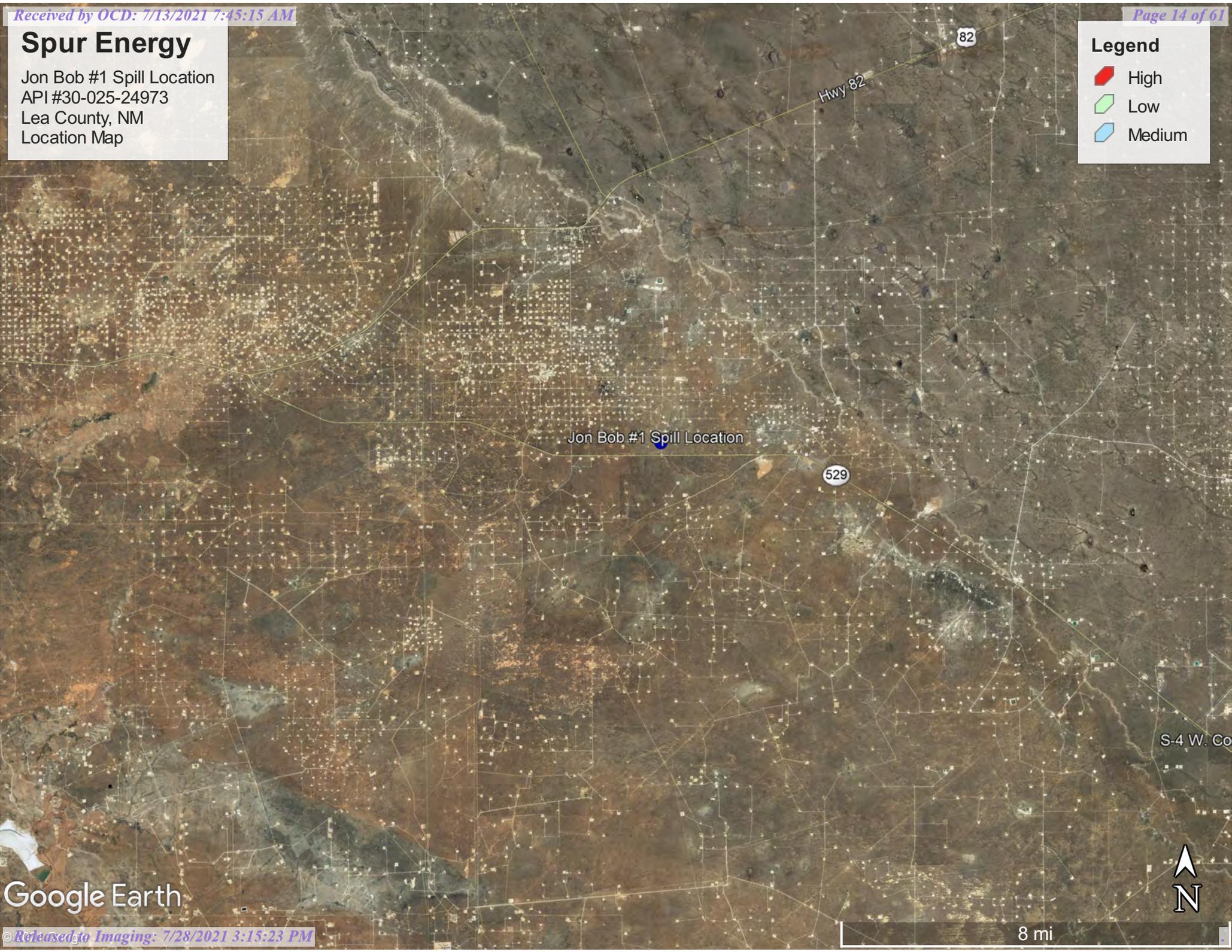


Spur Energy

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

Legend

- High
- Low
- Medium



Jon Bob #1 Spill Location

529

82

Hwy 82

S-4 W. Co

Google Earth

8 mi





Pima Environmental Services

Appendix A
Water Surveys:

OSE
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	POD Code	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):

Eastings (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.

5/20/21 10:33 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER



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	Tw	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

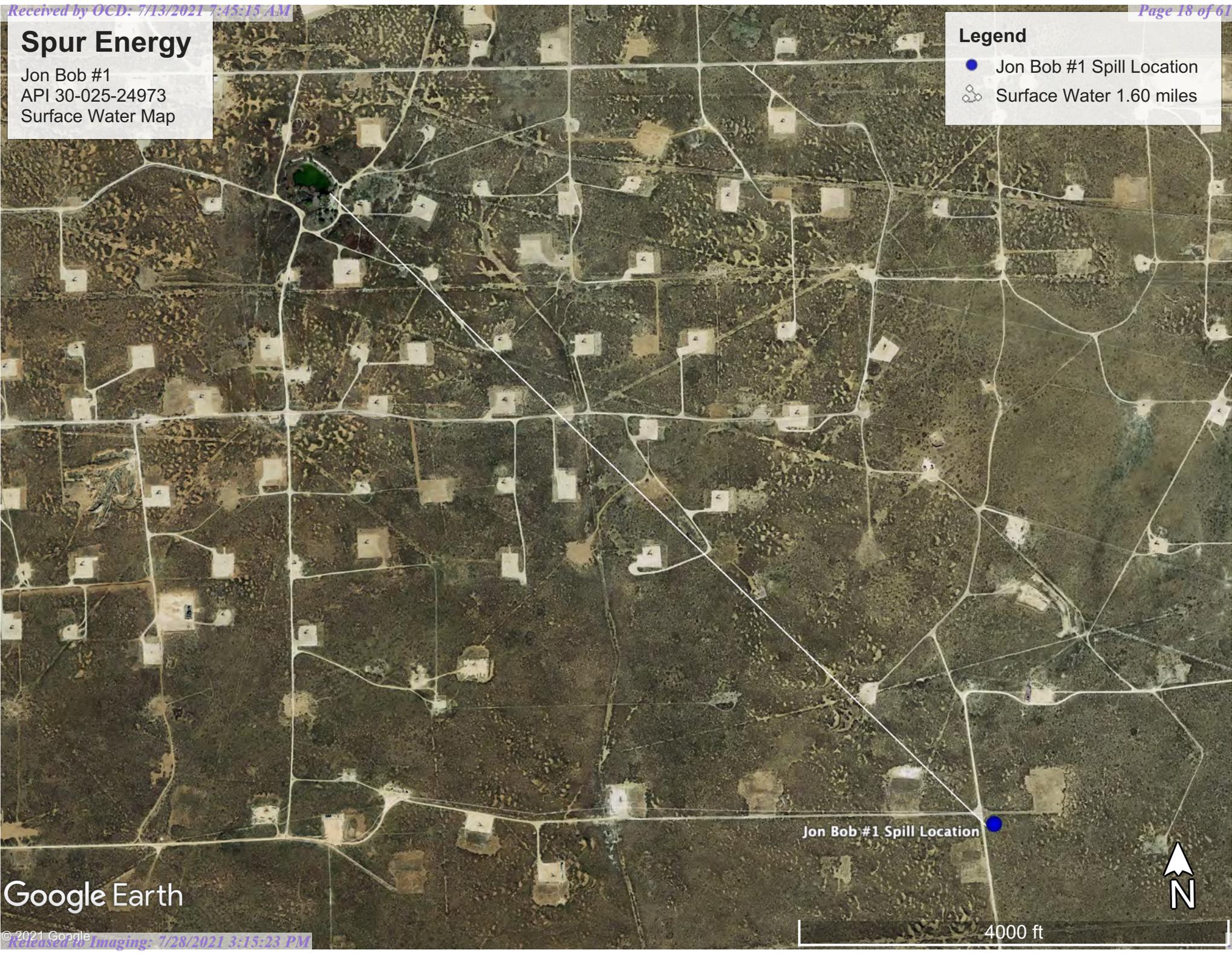
POINT OF DIVERSION SUMMARY

Spur Energy

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

Legend

- Jon Bob #1 Spill Location
- ⊕ Surface Water 1.60 miles



Jon Bob #1 Spill Location

Google Earth

4000 ft



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.

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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
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**S 1 - SURFACE
H211274-01 (Soil)**

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

Inorganic Compounds

Chloride	11500		16.0	mg/kg	4	1051816	GM	18-May-21	4500-Cl-B	
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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	
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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	
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<i>Surrogate: 1-Chlorooctadecane</i>			303 %		38.9-142	1051805	MS	18-May-21	8015B	
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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
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Cardinal Laboratories**Inorganic Compounds**

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

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Celey D. Keene, Lab Director/Quality Manager



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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
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S 2 - SURFACE

H211274-05 (Soil)

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

Inorganic Compounds

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

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

<i>Surrogate: 1-Chlorooctane</i>			189 %	44.3-133		1051805	MS	18-May-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			375 %	38.9-142		1051805	MS	18-May-21	8015B	
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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
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S 2 - 1'
H211274-06 (Soil)

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

Inorganic Compounds

Chloride	1280		16.0	mg/kg	4	1052014	AC	21-May-21	4500-CI-B	
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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	
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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>			87.2 %	44.3-133		1052002	MS	20-May-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			86.2 %	38.9-142		1052002	MS	20-May-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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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
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S 2 - 2'
 H211274-07 (Soil)

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

Inorganic Compounds

Chloride	15600		16.0	mg/kg	4	1052403	AC	24-May-21	4500-CI-B	
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Celey D. Keene, Lab Director/Quality Manager



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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
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S 2 - 3'
 H211274-08 (Soil)

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

Inorganic Compounds

Chloride	1520		16.0	mg/kg	4	1052607	GM	26-May-21	4500-CI-B	
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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
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S 3 - SURFACE

H211274-09 (Soil)

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

Inorganic Compounds

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

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

<i>Surrogate: 1-Chlorooctane</i>			172 %	44.3-133		1051805	MS	18-May-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			439 %	38.9-142		1051805	MS	18-May-21	8015B	
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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
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S 3 - 1'
H211274-10 (Soil)

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

Inorganic Compounds

Chloride	64.0		16.0	mg/kg	4	1052014	AC	21-May-21	4500-CI-B	
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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	
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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	
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<i>Surrogate: 1-Chlorooctadecane</i>			88.8 %	38.9-142		1052002	MS	20-May-21	8015B	
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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
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S 4 - SURFACE

H211274-13 (Soil)

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

Inorganic Compounds

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

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

<i>Surrogate: 1-Chlorooctane</i>			248 %	44.3-133		1051805	MS	18-May-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			768 %	38.9-142		1051805	MS	18-May-21	8015B	
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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
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S 4 - 1'
H211274-14 (Soil)

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

Inorganic Compounds

Chloride	6130		16.0	mg/kg	4	1052014	AC	21-May-21	4500-Cl-B	
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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	
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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	
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<i>Surrogate: 1-Chlorooctadecane</i>			86.9 %	38.9-142		1052002	MS	20-May-21	8015B	
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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
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S 4 - 2'
 H211274-15 (Soil)

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

Inorganic Compounds

Chloride	384		16.0	mg/kg	4	1052403	AC	24-May-21	4500-CI-B	
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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
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S 5 - SURFACE
H211274-17 (Soil)

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

Inorganic Compounds

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

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

<i>Surrogate: 1-Chlorooctane</i>			325 %	44.3-133		1051805	MS	18-May-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			699 %	38.9-142		1051805	MS	18-May-21	8015B	
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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
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S 5 - 1'
H211274-18 (Soil)

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

Inorganic Compounds

Chloride	4080		16.0	mg/kg	4	1052014	AC	21-May-21	4500-CI-B	
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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	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			113 %	69.9-140		1051923	MS	20-May-21	8021B	
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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	

<i>Surrogate: 1-Chlorooctane</i>			88.6 %	44.3-133		1052002	MS	20-May-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			91.6 %	38.9-142		1052002	MS	20-May-21	8015B	
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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
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S 5 - 2'
H211274-19 (Soil)

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

Inorganic Compounds

Chloride	1250		16.0	mg/kg	4	1052403	AC	24-May-21	4500-CI-B	
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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	

<i>Surrogate: 1-Chlorooctane</i>			96.2 %	44.3-133		1052404	MS	24-May-21	8015B	
<i>Surrogate: 1-Chlorooctadecane</i>			98.0 %	38.9-142		1052404	MS	24-May-21	8015B	

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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
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S 5 - 3'
H211274-20 (Soil)

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

Inorganic Compounds

Chloride	2160		16.0	mg/kg	4	1052607	GM	26-May-21	4500-CI-B	
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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
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S 6 - SURFACE

H211274-21 (Soil)

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

Inorganic Compounds

Chloride	17600		16.0	mg/kg	4	1051816	GM	18-May-21	4500-CI-B	
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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>			115 %		69.9-140	1051812	MS	18-May-21	8021B	
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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	

<i>Surrogate: 1-Chlorooctane</i>			104 %		44.3-133	1051805	MS	18-May-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			111 %		38.9-142	1051805	MS	18-May-21	8015B	
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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
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S 6 - 1'
H211274-22 (Soil)

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

Inorganic Compounds

Chloride	7460		16.0	mg/kg	4	1052014	AC	21-May-21	4500-CI-B	
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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>			<i>88.8 %</i>	<i>44.3-133</i>		<i>1052002</i>	<i>MS</i>	<i>20-May-21</i>	<i>8015B</i>	
<i>Surrogate: 1-Chlorooctadecane</i>			<i>89.5 %</i>	<i>38.9-142</i>		<i>1052002</i>	<i>MS</i>	<i>20-May-21</i>	<i>8015B</i>	

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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
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S 6 - 2'
H211274-23 (Soil)

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

Inorganic Compounds

Chloride	22800		16.0	mg/kg	4	1052403	AC	24-May-21	4500-CI-B	
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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
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S 6 - 3'
H211274-24 (Soil)

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

Inorganic Compounds

Chloride	448		16.0	mg/kg	4	1052607	GM	26-May-21	4500-CI-B	
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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
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01 - (0-6")
H211274-25 (Soil)

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

Inorganic Compounds

Chloride	16.0		16.0	mg/kg	4	1051816	GM	18-May-21	4500-CI-B	
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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>			104 %	69.9-140		1051812	MS	18-May-21	8021B	
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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>			102 %	44.3-133		1051805	MS	18-May-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			101 %	38.9-142		1051805	MS	18-May-21	8015B	
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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
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02 - (0-6")
H211274-26 (Soil)

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

Inorganic Compounds

Chloride	32.0		16.0	mg/kg	4	1051816	GM	18-May-21	4500-CI-B	
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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	
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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	
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<i>Surrogate: 1-Chlorooctadecane</i>			98.4 %	38.9-142		1051805	MS	18-May-21	8015B	
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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
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Cardinal Laboratories**Inorganic Compounds**

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

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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
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04 - (0-6")
H211274-28 (Soil)

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

Inorganic Compounds

Chloride	16.0		16.0	mg/kg	4	1051816	GM	18-May-21	4500-CI-B	
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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>			105 %	69.9-140		1051812	MS	18-May-21	8021B	
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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>			97.9 %	44.3-133		1051805	MS	18-May-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			97.1 %	38.9-142		1051805	MS	18-May-21	8015B	
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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
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Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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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			

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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
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Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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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	

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Celey D. Keene, Lab Director/Quality Manager



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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
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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							

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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
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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-BSD1)

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			

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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
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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-BSD1)

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			

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* = Accredited Analyte

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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
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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-BSD1)

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				

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Celey D. Keene, Lab Director/Quality Manager



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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
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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
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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				

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*=Accredited Analyte

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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

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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

3 of 3

Company Name: PIMA P.O. #:
 Project Manager: PIMA Company:
 Address: _____ Attn:
 City: _____ State: _____ Zip: _____
 Phone #: _____ Fax #: _____
 Project #: 501 Project Owner: _____
 Project Name: Joe Bob #1 City: _____ State: _____ Zip: _____
 Project Location: _____ Phone #: _____
 Sampler Name: _____ Fax #: _____

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS REQUEST							
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			ACID/BASE:	ICE / COOL	OTHER :					
<u>H011274</u>	<u>SG-Surface</u>	<u>67</u>	<u>1</u>			X				<u>5/17/21</u>									
<u>21</u>	<u>SG-1'</u>																		
<u>22</u>	<u>SG-2'</u>																		
<u>23</u>	<u>SG-3'</u>																		
<u>24</u>	<u>01 - (0-6")</u>																		
<u>25</u>	<u>02 - (0-6")</u>																		
<u>26</u>	<u>03 - (0-6")</u>																		
<u>27</u>	<u>04 - (0-6")</u>																		
<u>28</u>																			

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Relinquished By: [Signature] Date: 5/17/21 Received By: [Signature] Date: 5/17/21
 Relinquished By: [Signature] Date: 5/17/21 Received By: [Signature] Date: 5/17/21

Delivered By: (Circle One) Observed Temp. °C 28.8 Sample Condition: Intact Cool Intact Yes No
 Sampler - UPS - Bus - Other: Corrected Temp. °C _____
 Turnaround Time: Standard Rush
 Bacteria (only) Sample Condition: Cool Intact Yes No No No

† Cardinal cannot accept verbal changes. Please email changes to cely.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 36120

CONDITIONS

Operator: Pima Environmental Services, LLC 1601 N. Turner Hobbs, NM 88240	OGRID: 329999
	Action Number: 36120
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
chensley	When nearby wells are used to determine depth to groundwater, the wells should be no further than 1/2 mile away from the site, and data should be no more than 25 years old, and well construction information should be provided. If evidence of depth to ground water within a 1/2 mile radius of the site cannot be provided, impacted soils will need to meet Table 1 Closure Criteria for ground water at a depth of 50 feet or less.	7/28/2021