

Incident ID	NAPP2105350868
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: Braidy Moulder Title: HSE Coordinator
 Signature: *Braidy Moulder* Date: 4/5/2022
 email: bmoulder@spurepllc.com Telephone: 713-264-2517

OCD Only

Received by: Robert Hamlet Date: 7/12/2022

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: *Robert Hamlet* Date: 7/12/2022
 Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced



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

April 5th, 2022

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

Re: Site Assessment, Remediation, and Closure Report
Morris Boyd State Com #005H
API No. 30-015-44741
GPS: Latitude 32.640573 Longitude -104.458892
UL --N, Sec. 23, T19S, R25E
Eddy County, NM
NMOCD Ref. No. NAPP2105350868

Pima Environmental Services, LLC (Pima) has been contracted by Spur Energy Partners, LLC. (Spur) to perform a spill assessment, remediation, and submit this closure report for a crude oil release that occurred at the Morris Boyd State Com #005H (Morris). The initial C-141 was submitted on March 4th, 2021 (Appendix C). This incident was assigned Incident ID NAPP2105350868, by the New Mexico Oil Conservation Division (NMOCD).

Site Characterization

The Morris is located approximately thirteen (13) miles south of Artesia, NM. This spill site is in Unit N, Section 23, Township 19S, Range 25E, Latitude 32.640573, Longitude -104.458892, Eddy County, NM. Figure 1 references a Location Map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is made up of Piedmont alluvial deposits. Includes deposits of higher gradient tributaries bordering major stream valleys, alluvial veneers of the piedmont slope, and alluvial fans. May locally include uppermost Pliocene deposits. The soil in this area is made up of Pima silt loam, 0 to 1 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 medium potential for karst geology to be present around the Morris (Figure 3).

According to the New Mexico Office of the State Engineer, depth to the nearest groundwater in this area is 60 feet below grade surface (BGS). According to the United States Geological Survey (USGS), the nearest groundwater is less than 50 feet BGS. The closest waterway is Brantley Lake located approximately 5.12 miles to the southeast of this location. 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
<50' (Lack of GW data)	600 mg/kg	100 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg
51-100'	10,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg
>100'	20,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg

Reference Figure 2 for a Topographic Map.

Release Information

NAPP2105350868: On February 21st, 2021, a leak developed at the circulating pump. The bleeder valve was closed too far allowing the valve to leak and release fluid. Approximately 32 barrels (bbls) of crude oil was released. A vacuum truck was able to recover approximately 25 bbls of fluid.

Site Assessment and Soil Sampling Results

On June 7th, 2021, Pima Environmental mobilized personnel to the site to assess the area. We measured and took samples of the affected area. Laboratory results of this sampling event can be found in the following data table. A Site map can be found in Figure 4.

6-1-21 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC - Depth to GW is 51-100'								
Spur Energy - Morris Boyd State Com 4H/5H								
Date 6/1/2021	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
S-1	0-6"	ND	ND	ND	14000	8800	22800	9600
	1'	ND	ND	ND	16	ND	16	48
	2'	ND	ND	ND	ND	ND	0	1000
	3'	ND	ND	ND	ND	ND	0	430
S-2	0-6"	3.8	ND	57	5400	5200	10657	ND
	1'	ND	ND	ND	27	ND	27	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	14	ND	14	ND
S-3	0-6"	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
S-4	0-6"	ND	ND	ND	ND	ND	0	ND
	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
BG-1	0-6"	ND	ND	ND	ND	ND	0	ND

ND- Analyte Not Detected

Remediation Activities

On July 20th, 2021, Pima mobilized personnel and equipment to conduct remedial activities. We excavated the spill area to a depth of 1' BGS across the entire spill area. Once this was finished, we collected 5-point composite samples of the excavation to ensure all contamination had been removed.

On August 2nd, 2021, after sending out a 48-hour notification (Appendix C), Pima returned to the site to collect confirmation samples of the excavated area. The results of this sampling event can be found in the following table.

8-2-21 Confirmation Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC -- Depth to Groundwater is 51-100'								
Spur Energy - Morris Boyd State Com 4H/5H								
Sample Date 8/2/2021	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	112
CS-2	1'	ND	ND	ND	16	ND	16	144
CS-3	1'	ND	ND	ND	ND	ND	0	160
CS-4	1'	ND	ND	ND	12.6	ND	12.6	144
CS-5	1'	ND	ND	14.6	1120	198	1332.6	320
CS-6	1'	ND	ND	ND	15	ND	15	240

ND- Analyte Not Detected

On August 5th, 2021, Pima personnel returned to the site to further remove contamination from the CS-5 area. We removed another 1' of soil and collected confirmation samples. The results of this sampling event can be found in the following table.

8-5-21 Confirmation Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC -- Depth to GW is 51-100'								
Spur Energy - Morris Boyd State Com 4H/5H								
Date 8/5/2021	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-5	2'	ND	ND	ND	ND	ND	0	144

ND – Analyte Not Detected

On March 18th, 2022, after resending a 48-hour notification (Appendix C), Pima personnel returned to the site to recollect confirmation samples of the spill area. The results of this sampling event can be found in the following data table.

3-18-22 Confirmation Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC -- Depth to GW is 51-100'								
Spur Energy - Morris Boyd State Com 5H								
Date 3/18/2022		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	59.1	59.1	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	1'	ND	ND	ND	ND	ND	0	ND
CS-6	1'	ND	ND	ND	ND	ND	0	ND

ND – Analyte Not Detected

Complete Laboratory Reports are attached in Appendix E.

Based on the sample results, the bottom and sidewalls were below NMOCD Closure Criteria 19.15.29 NMAC. The contaminated material was transported to Lea Land, an NMOCD approved disposal site. The excavation was then backfilled with clean like material, machine compacted and contoured to match the surrounding terrain. See Appendix D for Photographic Documentation. A confirmation sample map can be found in Figure 5.

Closure Request

After careful review, Pima requests that this incident, NAPP2105350868, 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- Confirmation Sample Map

Appendices:

- Appendix A – Referenced Water Surveys
- Appendix B – Soil Survey and Geological Data
- Appendix C – C-141 Form & 48-Hour Notification
- Appendix D – Photographic Documentation
- Appendix E – Laboratory Reports



Pima Environmental Services

Figures:

1 - Location Map

2 - Topo Map

3 - Karst Map

4 - Site Map

5 – Confirmation Site Map

Spur Energy

Morris Boyd ST Com #4H/#5H
API #30-015-44748
Eddy County, NM
Location Map



Morris Boyd St Com 4H/5H

Lakewood

285

7 Rivers Hwy

Google Earth

2 mi

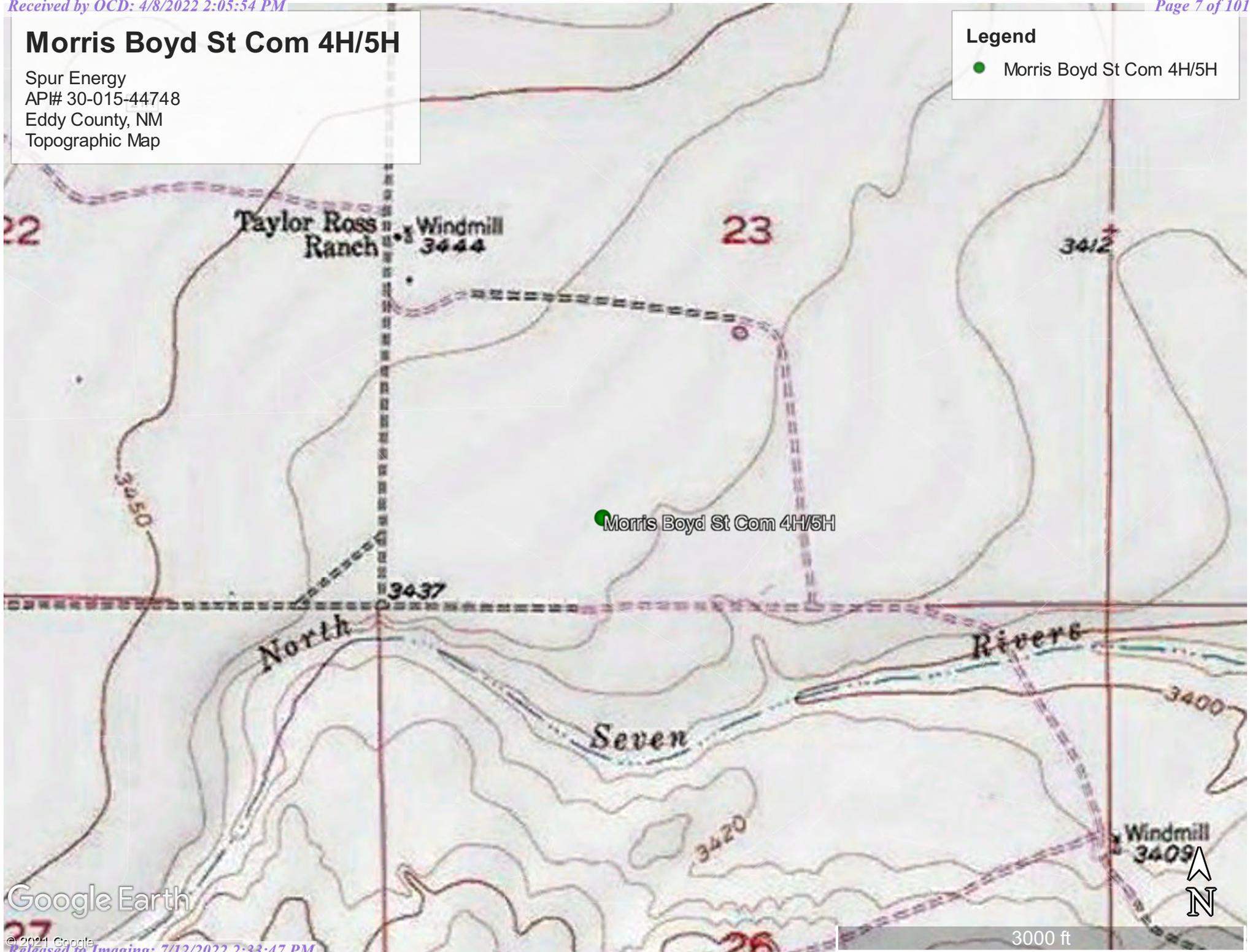


Morris Boyd St Com 4H/5H

Spur Energy
API# 30-015-44748
Eddy County, NM
Topographic Map

Legend

- Morris Boyd St Com 4H/5H



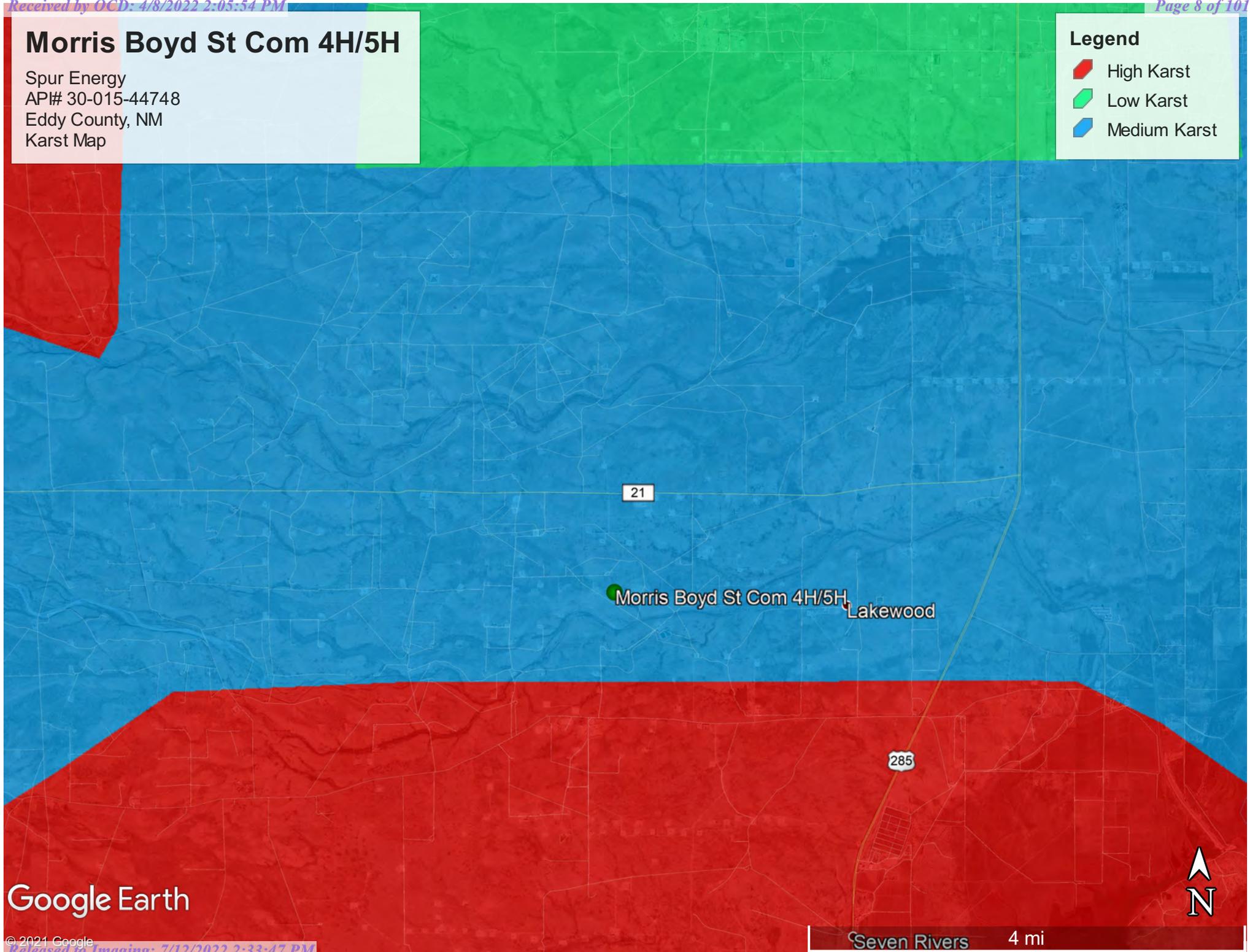
Google Earth

Morris Boyd St Com 4H/5H

Spur Energy
API# 30-015-44748
Eddy County, NM
Karst Map

Legend

-  High Karst
-  Low Karst
-  Medium Karst



Google Earth

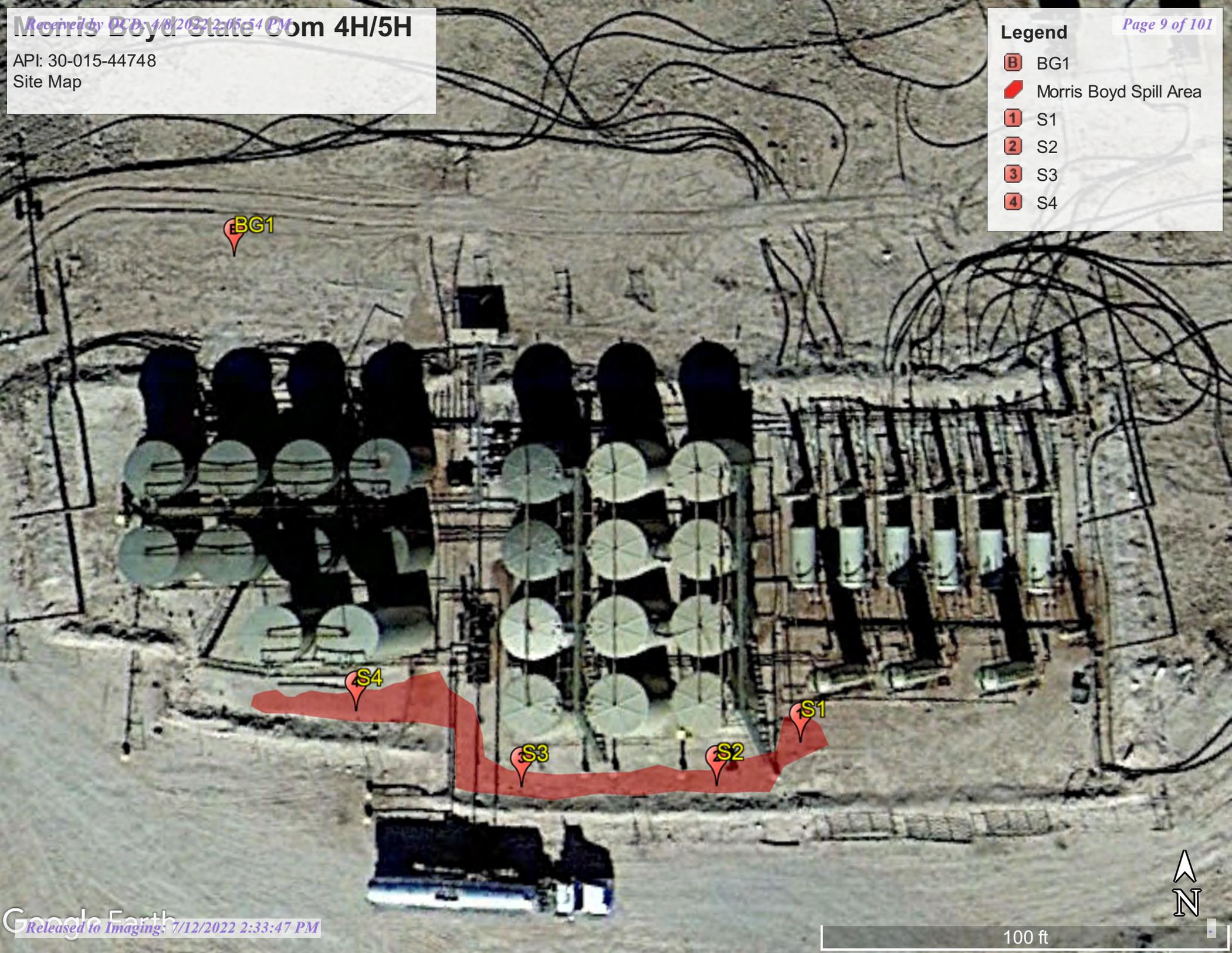
Seven Rivers 4 mi



API: 30-015-44748
Site Map

Legend

-  BG1
-  Morris Boyd Spill Area
-  S1
-  S2
-  S3
-  S4



100 ft



Morris Boyd St Com 4H/5H

Spur Energy
API# 30-015-44748
Eddy County, NM
Confirmation Sample Map

Legend

- ⊙ Confirmation Samples
- Spill Area



Morris Boyd St Com 4H/5H



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	POD Code	Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
RA 03304	RA	ED		1	27	19S	25E			549081	3610973*	1770	130	60	70
RA 08986	RA	ED	1	3	3	22	19S	25E		548825	3611507	1923	320	220	100
RA 02909	RA	ED	1	3	22	19S	25E			548864	3611989*	1929	188	130	58
RA 05450	RA	CH	4	2	15	19S	25E			550057	3614015*	2539	204	80	124
RA 10496	RA	ED	3	3	4	25	19S	25E		552801	3609865*	2669	110	40	70
RA 09295	RA	ED	4	3	4	13	19S	25E		552979	3613115*	2714	250	85	165
RA 10155	RA	ED	4	3	4	25	19S	25E		553001	3609865*	2826	225	60	165
RA 09293	RA	ED	3	4	4	13	19S	25E		553180	3613114*	2881	250	60	190
RA 09294	RA	ED	3	4	4	13	19S	25E		553180	3613114*	2881	194	76	118

Average Depth to Water: **90 feet**

Minimum Depth: **40 feet**

Maximum Depth: **220 feet**

Record Count: 9

UTMNAD83 Radius Search (in meters):

Easting (X): 550747.119

Northing (Y): 3611570.597

Radius: 3000

*UTM location was derived from PLSS - see Help

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.

7/12/21 2:56 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER



USGS Home
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National Water Information System: Web Interface

USGS Water Resources

Data Category:

Groundwater

Geographic Area:

United States

GO

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- 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 =

- 323809104274101

Minimum number of levels = 1

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

USGS 323809104274101 19S.25E.26.13130

Available data for this site

Groundwater: Field measurements

GO

Eddy County, New Mexico

Hydrologic Unit Code --

Latitude 32°38'09", Longitude 104°27'41" NAD27

Land-surface elevation 3,430 feet above NAVD88

The depth of the well is 385 feet below land surface.

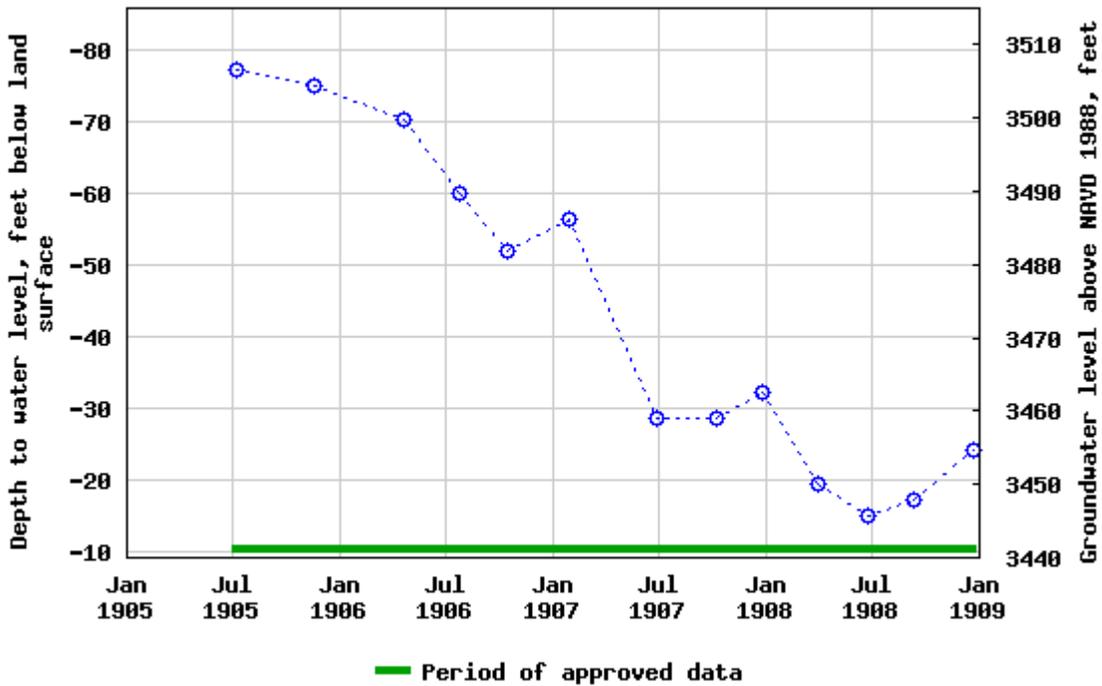
This well is completed in the Roswell Basin aquifer system (S400RSWLBS) national aquifer.

This well is completed in the Artesia Group (313ARTS) local aquifer.

Output formats

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

USGS 323809104274101 19S.25E.26.13130



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

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Title: Groundwater for USA: Water Levels

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



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

Page Last Modified: 2021-07-12 17:04:14 EDT

0.54 0.47 nadww02



USGS Home
Contact USGS
Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category:

Groundwater

Geographic Area:

United States

GO

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- [Full News](#) 

Groundwater levels for the Nation

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

Search Results -- 1 sites found

site_no list =

- 323808104271701

Minimum number of levels = 1

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

USGS 323808104271701 19S.25E.26.14421

Available data for this site

Groundwater: Field measurements

GO

Eddy County, New Mexico

Hydrologic Unit Code 13060011

Latitude 32°38'08", Longitude 104°27'17" NAD27

Land-surface elevation 3,420 feet above NAVD88

The depth of the well is 330 feet below land surface.

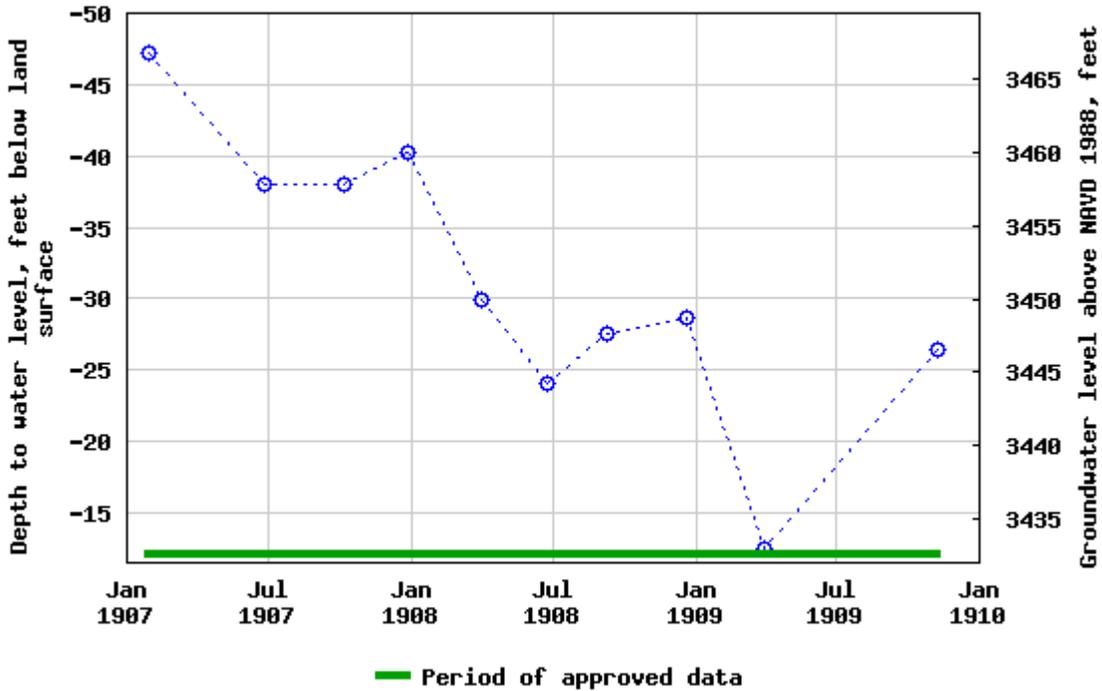
This well is completed in the Roswell Basin aquifer system (S400RSWLBS) national aquifer.

This well is completed in the Artesia Group (313ARTS) local aquifer.

Output formats

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

USGS 323808104271701 19S.25E.26.14421



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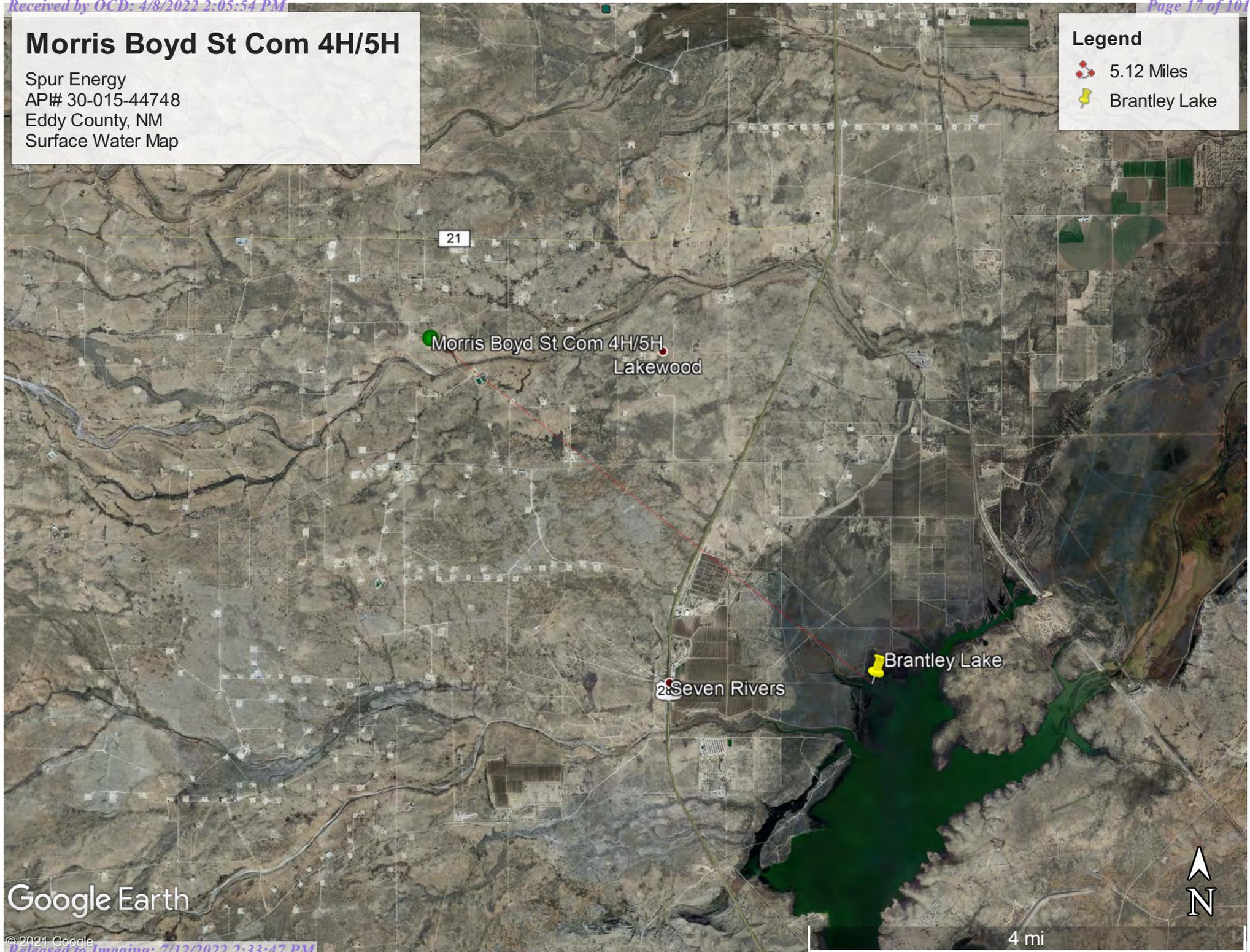
0.56 0.49 nadww01

Morris Boyd St Com 4H/5H

Spur Energy
API# 30-015-44748
Eddy County, NM
Surface Water Map

Legend

-  5.12 Miles
-  Brantley Lake



Google Earth



Pima Environmental Services

Appendix B

Soil Survey & Geological Data

FEMA Flood Map

Map Unit Description: Pima silt loam, 0 to 1 percent slopes---Eddy Area, New Mexico

Eddy Area, New Mexico

PM—Pima silt loam, 0 to 1 percent slopes

Map Unit Setting

National map unit symbol: 1w56

Elevation: 600 to 4,200 feet

Mean annual precipitation: 8 to 25 inches

Mean annual air temperature: 60 to 70 degrees F

Frost-free period: 195 to 290 days

Farmland classification: Farmland of statewide importance

Map Unit Composition

Pima and similar soils: 98 percent

Minor components: 2 percent

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

Description of Pima

Setting

Landform: Alluvial fans, alluvial flats, flood plains

Landform position (three-dimensional): Rise, tal

Down-slope shape: Linear, convex

Across-slope shape: Linear, convex

Parent material: Alluvium

Typical profile

H1 - 0 to 3 inches: silt loam

H2 - 3 to 60 inches: silty clay loam

Properties and qualities

Slope: 0 to 1 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Runoff class: Medium

Capacity of the most limiting layer to transmit water

(Ksat): Moderately high (0.20 to 0.60 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: RareNone

Frequency of ponding: None

Calcium carbonate, maximum content: 15 percent

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

Sodium adsorption ratio, maximum: 1.0

Available water capacity: High (about 11.9 inches)

Interpretive groups

Land capability classification (irrigated): 1

Land capability classification (nonirrigated): 7c

Hydrologic Soil Group: C

Ecological site: R042XC017NM - Bottomland

Map Unit Description: Pima silt loam, 0 to 1 percent slopes---Eddy Area, New Mexico

Hydric soil rating: No

Minor Components

Dev

Percent of map unit: 1 percent

Ecological site: R042XC017NM - Bottomland

Hydric soil rating: No

Reagan

Percent of map unit: 1 percent

Ecological site: R042XC007NM - Loamy

Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 16, Jun 8, 2020

National Flood Hazard Layer FIRMette



104°27'51"W 32°38'41"N



0 250 500 1,000 1,500 2,000 Feet 1:6,000
 Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

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

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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 5/27/2021 at 8:41 AM 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: 7/12/2022 2:33:47 PM

Received by OCD: 4/8/2022 2:05:54 PM

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Pima Environmental Services

Appendix C

C-141 Form

48-Hour Notification

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	nAPP2105350868
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: Spur Energy Partners LLC	OGRID: 328947
Contact Name: Kenny Kidd	Contact Telephone: 575-616-5400
Contact email: kkidd@spurepllc.com	Incident # (assigned by OCD): nAPP2105350868
Contact mailing address: 920 Memorial City Way Suite 1000 Houston, TX 77024	

Location of Release Source

Latitude 32.640573 Longitude -104.458892 (location of source)
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Morris Boyd State Com #005H	Site Type: Oil Production
Date Release Discovered: 02/21/2021	API# (if applicable) 30-015-44748

Unit Letter	Section	Township	Range	County
N	23	19S	25E	Eddy

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 checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) 32	Volume Recovered (bbls) 25
<input type="checkbox"/> Produced Water	Volume Released (bbls) 8 bbls	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input checked="" 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 leak developed on the circulating pump. This happened as a result of the bleeder valve having been closed to far causing the valve to Leak and release fluid.

State of New Mexico
Oil Conservation Division

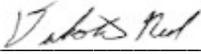
Page 2

Incident ID	nAPP2105350868
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? The volume of release is >5 bbl
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Immediate notice was provided to the OCD by Kenny Kidd of Spur Energy to Mike Bratcher, Rob Hamlet, and Chad Hensley Via email	

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>8/12/2021</u> email: <u>dneel@spurepllc.com</u> Telephone: <u>832-849-7837</u>
<u>OCD Only</u> Received by: _____ Date: _____

Incident ID	NAPP2105350868
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>51-100</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: *Each of the following items must be included in the report.*

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- Field data
- Data table of soil contaminant concentration data
- Depth to water determination
- Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- Boring or excavation logs
- Photographs including date and GIS information
- Topographic/Aerial maps
- Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2105350868
District RP	
Facility ID	
Application ID	

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: Braidy Moulder Title: HSE Coordinator

Signature: Braidy Moulder Date: 4/5/2022

email: bmoulder@spurepllc.com Telephone: 713-264-2517

OCD Only

Received by: _____ Date: _____

Incident ID	NAPP2105350868
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: Braidy Moulder Title: HSE Coordinator
 Signature: *Braidy Moulder* Date: 4/5/2022
 email: bmoulder@spurepllc.com Telephone: 713-264-2517

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: _____

From: [Tom Bynum](#)
To: ["ocdonline@state.nm.us"](#); ["Hensley, Chad, EMNRD"](#); ["cristina.eads@state.nm.us"](#); ["cory.smith@state.nm.us"](#); ["Bratcher, Mike, EMNRD"](#); ["Hamlet, Robert, EMNRD"](#); ["brad.billings@state.nm.us"](#); ["victoria.venegas@state.nm.us"](#); ["ramona.marcus@state.nm.us"](#)
Cc: ["Chris Jones \(chris@pimaoil.com\)"](#); ["Dakota Neel"](#); ["Braidy Moulder"](#)
Subject: 48-Hour Notification - Morris Boyd St Com 5H - NAPP2105350868
Date: Friday, July 30, 2021 10:37:00 AM

Good morning,
Pima Environmental would like to notify you that we will be collecting confirmation samples at the Morris Boyd State Com #5H for incident ID NAPP2105350868. One of our techs is scheduled to be on site for this sampling event at approximately 8:00 a.m. on Monday, August 2nd. Please holler anytime with questions or concerns.

THANK YOU,

Tom Bynum
Environmental Project Manager
Cell – 580-748-1613
Office – 575-964-7740



Pima Environmental Services, LLC.

From: [Gio PimaOil](#)
To: ocdonline@state.nm.us; [Tom Pima Oil](#)
Subject: Re: Confirmation for Morris Boyd State 5H
Date: Tuesday, March 15, 2022 11:12:38 AM

Good morning,

Due to scheduling conflicts Pima Environmental was unavailable to collect samples on February 17, 2022. Pima personnel are scheduled to be on site for this sampling event at approximately 8:00 a.m. on March 17, 2022 for the Morris Boyd State Com #005H for incident NAPP2105350868. If you have any questions or concerns, please let me know. Thank you

On Mon, Feb 14, 2022 at 10:53 AM Gio PimaOil <gio@pimaoil.com> wrote:

Good morning,

Pima Environmental would like to notify you that we will be recollecting confirmation samples at the Morris Boyd State Com #005H for incident NAPP2105350868. Pima personnel are scheduled to be on site for this sampling event at approximately 9:00 a.m. on Friday, February 17, 2022. due to an OCD rejection on a Chain of Custody and Temperature error, If you have any questions or concerns, please let me know. Thank you.

--

Gio Gomez
Environmental Project Manager
cell-806-782-1151
Office- 575-964-7740
Pima Environmental Services, LLC.

--

Gio Gomez
Environmental Project Manager
cell-806-782-1151
Office- 575-964-7740
Pima Environmental Services, LLC.



Pima Environmental Services

Appendix D

Photographic Documentation











Pima Environmental Services

Appendix E

Laboratory Reports



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

June 07, 2021

Chris Jones
Pima Environmental Services LLC
1601 N. Turner Ste 500
Hobbs, NM 88240
TEL: (575) 631-6977
FAX:

RE: Morris Boyd State Com 4H/5H

OrderNo.: 2106161

Dear Chris Jones:

Hall Environmental Analysis Laboratory received 17 sample(s) on 6/3/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written over a white background.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order **2106161**

Date Reported: **6/7/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S1-Surface

Project: Morris Boyd State Com 4H/5H

Collection Date: 6/1/2021

Lab ID: 2106161-001

Matrix: SOIL

Received Date: 6/3/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	9600	600		mg/Kg	200	6/4/2021 7:18:01 PM	60438
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	14000	950		mg/Kg	100	6/5/2021 11:28:31 PM	60427
Motor Oil Range Organics (MRO)	8800	4800		mg/Kg	100	6/5/2021 11:28:31 PM	60427
Surr: DNOP	0	70-130	S	%Rec	100	6/5/2021 11:28:31 PM	60427
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	25		mg/Kg	5	6/4/2021 9:48:00 AM	60424
Surr: BFB	117	70-130		%Rec	5	6/4/2021 9:48:00 AM	60424
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.12		mg/Kg	5	6/4/2021 9:48:00 AM	60424
Toluene	ND	0.25		mg/Kg	5	6/4/2021 9:48:00 AM	60424
Ethylbenzene	ND	0.25		mg/Kg	5	6/4/2021 9:48:00 AM	60424
Xylenes, Total	0.57	0.49		mg/Kg	5	6/4/2021 9:48:00 AM	60424
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	5	6/4/2021 9:48:00 AM	60424

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Analytical Report

Lab Order **2106161**

Date Reported: **6/7/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S1-1'

Project: Morris Boyd State Com 4H/5H

Collection Date: 6/1/2021

Lab ID: 2106161-002

Matrix: SOIL

Received Date: 6/3/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	2300	150		mg/Kg	50	6/4/2021 7:30:26 PM	60438
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	16	9.1		mg/Kg	1	6/5/2021 11:52:23 PM	60427
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	6/5/2021 11:52:23 PM	60427
Surr: DNOP	120	70-130		%Rec	1	6/5/2021 11:52:23 PM	60427
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/4/2021 11:22:09 AM	60424
Surr: BFB	110	70-130		%Rec	1	6/4/2021 11:22:09 AM	60424
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	6/4/2021 11:22:09 AM	60424
Toluene	ND	0.048		mg/Kg	1	6/4/2021 11:22:09 AM	60424
Ethylbenzene	ND	0.048		mg/Kg	1	6/4/2021 11:22:09 AM	60424
Xylenes, Total	ND	0.097		mg/Kg	1	6/4/2021 11:22:09 AM	60424
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	6/4/2021 11:22:09 AM	60424

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Analytical Report

Lab Order **2106161**

Date Reported: **6/7/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S1-2'

Project: Morris Boyd State Com 4H/5H

Collection Date: 6/1/2021

Lab ID: 2106161-003

Matrix: SOIL

Received Date: 6/3/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	1000	60		mg/Kg	20	6/4/2021 2:32:42 PM	60438
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	8.8		mg/Kg	1	6/4/2021 7:16:46 PM	60427
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	6/4/2021 7:16:46 PM	60427
Surr: DNOP	86.7	70-130		%Rec	1	6/4/2021 7:16:46 PM	60427
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/4/2021 12:32:57 PM	60424
Surr: BFB	111	70-130		%Rec	1	6/4/2021 12:32:57 PM	60424
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	6/4/2021 12:32:57 PM	60424
Toluene	ND	0.050		mg/Kg	1	6/4/2021 12:32:57 PM	60424
Ethylbenzene	ND	0.050		mg/Kg	1	6/4/2021 12:32:57 PM	60424
Xylenes, Total	ND	0.099		mg/Kg	1	6/4/2021 12:32:57 PM	60424
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	6/4/2021 12:32:57 PM	60424

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Analytical Report

Lab Order **2106161**

Date Reported: **6/7/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S1-3'

Project: Morris Boyd State Com 4H/5H

Collection Date: 6/1/2021

Lab ID: 2106161-004

Matrix: SOIL

Received Date: 6/3/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	430	60		mg/Kg	20	6/4/2021 2:45:06 PM	60438
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	8.7		mg/Kg	1	6/4/2021 7:30:50 PM	60427
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	6/4/2021 7:30:50 PM	60427
Surr: DNOP	87.7	70-130		%Rec	1	6/4/2021 7:30:50 PM	60427
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/4/2021 12:56:30 PM	60424
Surr: BFB	105	70-130		%Rec	1	6/4/2021 12:56:30 PM	60424
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	6/4/2021 12:56:30 PM	60424
Toluene	ND	0.050		mg/Kg	1	6/4/2021 12:56:30 PM	60424
Ethylbenzene	ND	0.050		mg/Kg	1	6/4/2021 12:56:30 PM	60424
Xylenes, Total	ND	0.099		mg/Kg	1	6/4/2021 12:56:30 PM	60424
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	6/4/2021 12:56:30 PM	60424

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Analytical Report

Lab Order **2106161**

Date Reported: **6/7/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S2-Surface

Project: Morris Boyd State Com 4H/5H

Collection Date: 6/1/2021

Lab ID: 2106161-005

Matrix: SOIL

Received Date: 6/3/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	59		mg/Kg	20	6/4/2021 3:22:19 PM	60438
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	5400	91		mg/Kg	10	6/4/2021 7:45:08 PM	60427
Motor Oil Range Organics (MRO)	5200	450		mg/Kg	10	6/4/2021 7:45:08 PM	60427
Surr: DNOP	0	70-130	S	%Rec	10	6/4/2021 7:45:08 PM	60427
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	57	25		mg/Kg	5	6/4/2021 1:20:02 PM	60424
Surr: BFB	178	70-130	S	%Rec	5	6/4/2021 1:20:02 PM	60424
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.12		mg/Kg	5	6/4/2021 1:20:02 PM	60424
Toluene	ND	0.25		mg/Kg	5	6/4/2021 1:20:02 PM	60424
Ethylbenzene	0.71	0.25		mg/Kg	5	6/4/2021 1:20:02 PM	60424
Xylenes, Total	3.8	0.49		mg/Kg	5	6/4/2021 1:20:02 PM	60424
Surr: 4-Bromofluorobenzene	115	70-130		%Rec	5	6/4/2021 1:20:02 PM	60424

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Analytical Report

Lab Order **2106161**

Date Reported: **6/7/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S2-1'

Project: Morris Boyd State Com 4H/5H

Collection Date: 6/1/2021

Lab ID: 2106161-006

Matrix: SOIL

Received Date: 6/3/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	6/4/2021 3:34:43 PM	60438
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: SB
Diesel Range Organics (DRO)	27	9.8		mg/Kg	1	6/6/2021 12:16:21 AM	60427
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/6/2021 12:16:21 AM	60427
Surr: DNOP	143	70-130	S	%Rec	1	6/6/2021 12:16:21 AM	60427
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	6/4/2021 2:07:24 PM	60424
Surr: BFB	110	70-130		%Rec	1	6/4/2021 2:07:24 PM	60424
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.023		mg/Kg	1	6/4/2021 2:07:24 PM	60424
Toluene	ND	0.046		mg/Kg	1	6/4/2021 2:07:24 PM	60424
Ethylbenzene	ND	0.046		mg/Kg	1	6/4/2021 2:07:24 PM	60424
Xylenes, Total	ND	0.093		mg/Kg	1	6/4/2021 2:07:24 PM	60424
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	6/4/2021 2:07:24 PM	60424

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Analytical Report

Lab Order **2106161**

Date Reported: **6/7/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S2-2'

Project: Morris Boyd State Com 4H/5H

Collection Date: 6/1/2021

Lab ID: 2106161-007

Matrix: SOIL

Received Date: 6/3/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	6/4/2021 3:47:07 PM	60438
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	6/4/2021 8:12:40 PM	60427
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/4/2021 8:12:40 PM	60427
Surr: DNOP	94.8	70-130		%Rec	1	6/4/2021 8:12:40 PM	60427
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/4/2021 2:30:58 PM	60424
Surr: BFB	110	70-130		%Rec	1	6/4/2021 2:30:58 PM	60424
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	6/4/2021 2:30:58 PM	60424
Toluene	ND	0.049		mg/Kg	1	6/4/2021 2:30:58 PM	60424
Ethylbenzene	ND	0.049		mg/Kg	1	6/4/2021 2:30:58 PM	60424
Xylenes, Total	ND	0.098		mg/Kg	1	6/4/2021 2:30:58 PM	60424
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	6/4/2021 2:30:58 PM	60424

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Analytical Report

Lab Order **2106161**

Date Reported: **6/7/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S2-3'

Project: Morris Boyd State Com 4H/5H

Collection Date: 6/1/2021

Lab ID: 2106161-008

Matrix: SOIL

Received Date: 6/3/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	6/4/2021 3:59:32 PM	60438
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	14	9.5		mg/Kg	1	6/4/2021 8:26:29 PM	60427
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/4/2021 8:26:29 PM	60427
Surr: DNOP	81.5	70-130		%Rec	1	6/4/2021 8:26:29 PM	60427
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/4/2021 2:54:31 PM	60424
Surr: BFB	123	70-130		%Rec	1	6/4/2021 2:54:31 PM	60424
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	6/4/2021 2:54:31 PM	60424
Toluene	ND	0.050		mg/Kg	1	6/4/2021 2:54:31 PM	60424
Ethylbenzene	ND	0.050		mg/Kg	1	6/4/2021 2:54:31 PM	60424
Xylenes, Total	ND	0.099		mg/Kg	1	6/4/2021 2:54:31 PM	60424
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	1	6/4/2021 2:54:31 PM	60424

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Analytical Report

Lab Order **2106161**

Date Reported: **6/7/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S3-Surface

Project: Morris Boyd State Com 4H/5H

Collection Date: 6/1/2021

Lab ID: 2106161-009

Matrix: SOIL

Received Date: 6/3/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	6/4/2021 4:11:56 PM	60438
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	6/4/2021 8:40:28 PM	60427
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/4/2021 8:40:28 PM	60427
Surr: DNOP	81.2	70-130		%Rec	1	6/4/2021 8:40:28 PM	60427
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/4/2021 3:18:00 PM	60424
Surr: BFB	105	70-130		%Rec	1	6/4/2021 3:18:00 PM	60424
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	6/4/2021 3:18:00 PM	60424
Toluene	ND	0.049		mg/Kg	1	6/4/2021 3:18:00 PM	60424
Ethylbenzene	ND	0.049		mg/Kg	1	6/4/2021 3:18:00 PM	60424
Xylenes, Total	ND	0.098		mg/Kg	1	6/4/2021 3:18:00 PM	60424
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	6/4/2021 3:18:00 PM	60424

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Analytical Report

Lab Order **2106161**

Date Reported: **6/7/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S3-1'

Project: Morris Boyd State Com 4H/5H

Collection Date: 6/1/2021

Lab ID: 2106161-010

Matrix: SOIL

Received Date: 6/3/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	61		mg/Kg	20	6/4/2021 4:24:20 PM	60438
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	6/4/2021 9:07:44 PM	60427
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/4/2021 9:07:44 PM	60427
Surr: DNOP	78.2	70-130		%Rec	1	6/4/2021 9:07:44 PM	60427
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/4/2021 3:41:33 PM	60424
Surr: BFB	104	70-130		%Rec	1	6/4/2021 3:41:33 PM	60424
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	6/4/2021 3:41:33 PM	60424
Toluene	ND	0.047		mg/Kg	1	6/4/2021 3:41:33 PM	60424
Ethylbenzene	ND	0.047		mg/Kg	1	6/4/2021 3:41:33 PM	60424
Xylenes, Total	ND	0.095		mg/Kg	1	6/4/2021 3:41:33 PM	60424
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	6/4/2021 3:41:33 PM	60424

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Analytical Report

Lab Order **2106161**

Date Reported: **6/7/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S3-2'

Project: Morris Boyd State Com 4H/5H

Collection Date: 6/1/2021

Lab ID: 2106161-011

Matrix: SOIL

Received Date: 6/3/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	6/4/2021 4:36:45 PM	60438
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	6/4/2021 9:21:19 PM	60427
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/4/2021 9:21:19 PM	60427
Surr: DNOP	86.8	70-130		%Rec	1	6/4/2021 9:21:19 PM	60427
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/4/2021 4:52:21 PM	60424
Surr: BFB	105	70-130		%Rec	1	6/4/2021 4:52:21 PM	60424
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	6/4/2021 4:52:21 PM	60424
Toluene	ND	0.050		mg/Kg	1	6/4/2021 4:52:21 PM	60424
Ethylbenzene	ND	0.050		mg/Kg	1	6/4/2021 4:52:21 PM	60424
Xylenes, Total	ND	0.10		mg/Kg	1	6/4/2021 4:52:21 PM	60424
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	1	6/4/2021 4:52:21 PM	60424

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Analytical Report

Lab Order **2106161**

Date Reported: **6/7/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S3-3'

Project: Morris Boyd State Com 4H/5H

Collection Date: 6/1/2021

Lab ID: 2106161-012

Matrix: SOIL

Received Date: 6/3/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	6/4/2021 4:49:09 PM	60438
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	6/4/2021 9:34:57 PM	60427
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/4/2021 9:34:57 PM	60427
Surr: DNOP	76.4	70-130		%Rec	1	6/4/2021 9:34:57 PM	60427
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/4/2021 5:15:54 PM	60424
Surr: BFB	104	70-130		%Rec	1	6/4/2021 5:15:54 PM	60424
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	6/4/2021 5:15:54 PM	60424
Toluene	ND	0.049		mg/Kg	1	6/4/2021 5:15:54 PM	60424
Ethylbenzene	ND	0.049		mg/Kg	1	6/4/2021 5:15:54 PM	60424
Xylenes, Total	ND	0.098		mg/Kg	1	6/4/2021 5:15:54 PM	60424
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	6/4/2021 5:15:54 PM	60424

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Analytical Report

Lab Order **2106161**

Date Reported: **6/7/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S4-Surface

Project: Morris Boyd State Com 4H/5H

Collection Date: 6/1/2021

Lab ID: 2106161-013

Matrix: SOIL

Received Date: 6/3/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	6/4/2021 5:01:34 PM	60438
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	6/4/2021 9:47:47 PM	60427
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/4/2021 9:47:47 PM	60427
Surr: DNOP	92.0	70-130		%Rec	1	6/4/2021 9:47:47 PM	60427
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/4/2021 5:39:21 PM	60424
Surr: BFB	102	70-130		%Rec	1	6/4/2021 5:39:21 PM	60424
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	6/4/2021 5:39:21 PM	60424
Toluene	ND	0.049		mg/Kg	1	6/4/2021 5:39:21 PM	60424
Ethylbenzene	ND	0.049		mg/Kg	1	6/4/2021 5:39:21 PM	60424
Xylenes, Total	ND	0.097		mg/Kg	1	6/4/2021 5:39:21 PM	60424
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	6/4/2021 5:39:21 PM	60424

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Analytical Report

Lab Order **2106161**

Date Reported: **6/7/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S4-1'

Project: Morris Boyd State Com 4H/5H

Collection Date: 6/1/2021

Lab ID: 2106161-014

Matrix: SOIL

Received Date: 6/3/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	61		mg/Kg	20	6/4/2021 5:13:58 PM	60438
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	6/4/2021 10:00:54 PM	60427
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/4/2021 10:00:54 PM	60427
Surr: DNOP	75.6	70-130		%Rec	1	6/4/2021 10:00:54 PM	60427
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/4/2021 6:02:53 PM	60424
Surr: BFB	102	70-130		%Rec	1	6/4/2021 6:02:53 PM	60424
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	6/4/2021 6:02:53 PM	60424
Toluene	ND	0.050		mg/Kg	1	6/4/2021 6:02:53 PM	60424
Ethylbenzene	ND	0.050		mg/Kg	1	6/4/2021 6:02:53 PM	60424
Xylenes, Total	ND	0.099		mg/Kg	1	6/4/2021 6:02:53 PM	60424
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	6/4/2021 6:02:53 PM	60424

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Analytical Report

Lab Order **2106161**

Date Reported: **6/7/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S4-2'

Project: Morris Boyd State Com 4H/5H

Collection Date: 6/1/2021

Lab ID: 2106161-015

Matrix: SOIL

Received Date: 6/3/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	6/4/2021 5:51:11 PM	60438
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	6/4/2021 10:14:47 PM	60427
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/4/2021 10:14:47 PM	60427
Surr: DNOP	96.1	70-130		%Rec	1	6/4/2021 10:14:47 PM	60427
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/4/2021 6:26:39 PM	60424
Surr: BFB	105	70-130		%Rec	1	6/4/2021 6:26:39 PM	60424
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	6/4/2021 6:26:39 PM	60424
Toluene	ND	0.048		mg/Kg	1	6/4/2021 6:26:39 PM	60424
Ethylbenzene	ND	0.048		mg/Kg	1	6/4/2021 6:26:39 PM	60424
Xylenes, Total	ND	0.097		mg/Kg	1	6/4/2021 6:26:39 PM	60424
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	6/4/2021 6:26:39 PM	60424

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Analytical Report

Lab Order **2106161**

Date Reported: **6/7/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S4-3'

Project: Morris Boyd State Com 4H/5H

Collection Date: 6/1/2021

Lab ID: 2106161-016

Matrix: SOIL

Received Date: 6/3/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	6/4/2021 6:03:36 PM	60438
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	6/4/2021 10:28:31 PM	60427
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/4/2021 10:28:31 PM	60427
Surr: DNOP	82.9	70-130		%Rec	1	6/4/2021 10:28:31 PM	60427
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/4/2021 6:50:10 PM	60424
Surr: BFB	104	70-130		%Rec	1	6/4/2021 6:50:10 PM	60424
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	6/4/2021 6:50:10 PM	60424
Toluene	ND	0.049		mg/Kg	1	6/4/2021 6:50:10 PM	60424
Ethylbenzene	ND	0.049		mg/Kg	1	6/4/2021 6:50:10 PM	60424
Xylenes, Total	ND	0.097		mg/Kg	1	6/4/2021 6:50:10 PM	60424
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	6/4/2021 6:50:10 PM	60424

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Analytical Report

Lab Order **2106161**

Date Reported: **6/7/2021**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: BG-1

Project: Morris Boyd State Com 4H/5H

Collection Date: 6/1/2021

Lab ID: 2106161-017

Matrix: SOIL

Received Date: 6/3/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	6/4/2021 6:16:00 PM	60438
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	6/4/2021 10:42:24 PM	60427
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/4/2021 10:42:24 PM	60427
Surr: DNOP	99.2	70-130		%Rec	1	6/4/2021 10:42:24 PM	60427
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/4/2021 7:13:42 PM	60424
Surr: BFB	102	70-130		%Rec	1	6/4/2021 7:13:42 PM	60424
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	6/4/2021 7:13:42 PM	60424
Toluene	ND	0.049		mg/Kg	1	6/4/2021 7:13:42 PM	60424
Ethylbenzene	ND	0.049		mg/Kg	1	6/4/2021 7:13:42 PM	60424
Xylenes, Total	ND	0.098		mg/Kg	1	6/4/2021 7:13:42 PM	60424
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	6/4/2021 7:13:42 PM	60424

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2106161

07-Jun-21

Client: Pima Environmental Services LLC

Project: Morris Boyd State Com 4H/5H

Sample ID: MB-60438	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 60438	RunNo: 78868								
Prep Date: 6/4/2021	Analysis Date: 6/4/2021	SeqNo: 2766096	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-60438	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 60438	RunNo: 78868								
Prep Date: 6/4/2021	Analysis Date: 6/4/2021	SeqNo: 2766097	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.8	90	110			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2106161

07-Jun-21

Client: Pima Environmental Services LLC

Project: Morris Boyd State Com 4H/5H

Sample ID: MB-60427	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 60427	RunNo: 78853								
Prep Date: 6/3/2021	Analysis Date: 6/4/2021	SeqNo: 2766244	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	8.5		10.00		84.7	70	130			

Sample ID: LCS-60427	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 60427	RunNo: 78853								
Prep Date: 6/3/2021	Analysis Date: 6/4/2021	SeqNo: 2766245	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	41	10	50.00	0	82.5	68.9	141			
Surr: DNOP	4.4		5.000		87.4	70	130			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2106161

07-Jun-21

Client: Pima Environmental Services LLC

Project: Morris Boyd State Com 4H/5H

Sample ID: mb-60424	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 60424	RunNo: 78876								
Prep Date: 6/3/2021	Analysis Date: 6/4/2021	SeqNo: 2766354	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1000		1000		103	70	130			

Sample ID: lcs-60424	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 60424	RunNo: 78876								
Prep Date: 6/3/2021	Analysis Date: 6/4/2021	SeqNo: 2766355	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	5.0	25.00	0	101	78.6	131			
Surr: BFB	1100		1000		113	70	130			

Sample ID: 2106161-001ams	SampType: MS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: S1-Surface	Batch ID: 60424	RunNo: 78876								
Prep Date: 6/3/2021	Analysis Date: 6/4/2021	SeqNo: 2766357	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	45	24	24.32	17.01	114	61.3	114			S
Surr: BFB	5600		4864		116	70	130			

Sample ID: 2106161-001amsd	SampType: MSD	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: S1-Surface	Batch ID: 60424	RunNo: 78876								
Prep Date: 6/3/2021	Analysis Date: 6/4/2021	SeqNo: 2766358	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	39	24	24.27	17.01	89.9	61.3	114	14.3	20	
Surr: BFB	5600		4854		115	70	130	0	0	

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2106161

07-Jun-21

Client: Pima Environmental Services LLC

Project: Morris Boyd State Com 4H/5H

Sample ID: mb-60424	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 60424	RunNo: 78876								
Prep Date: 6/3/2021	Analysis Date: 6/4/2021	SeqNo: 2766381	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.0		1.000		103	70	130			

Sample ID: LCS-60424	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 60424	RunNo: 78876								
Prep Date: 6/3/2021	Analysis Date: 6/4/2021	SeqNo: 2766382	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.94	0.025	1.000	0	93.5	80	120			
Toluene	0.96	0.050	1.000	0	96.3	80	120			
Ethylbenzene	0.96	0.050	1.000	0	96.2	80	120			
Xylenes, Total	2.9	0.10	3.000	0	97.6	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		106	70	130			

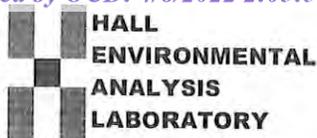
Sample ID: 2106161-002ams	SampType: MS	TestCode: EPA Method 8021B: Volatiles								
Client ID: S1-1'	Batch ID: 60424	RunNo: 78876								
Prep Date: 6/3/2021	Analysis Date: 6/4/2021	SeqNo: 2766385	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.2	0.025	0.9852	0	123	76.3	120			S
Toluene	1.3	0.049	0.9852	0	127	78.5	120			S
Ethylbenzene	1.3	0.049	0.9852	0	128	78.1	124			S
Xylenes, Total	3.8	0.099	2.956	0	129	79.3	125			S
Surr: 4-Bromofluorobenzene	1.1		0.9852		107	70	130			

Sample ID: 2106161-002amsd	SampType: MSD	TestCode: EPA Method 8021B: Volatiles								
Client ID: S1-1'	Batch ID: 60424	RunNo: 78876								
Prep Date: 6/3/2021	Analysis Date: 6/4/2021	SeqNo: 2766386	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.025	0.9804	0	112	76.3	120	9.57	20	
Toluene	1.2	0.049	0.9804	0	117	78.5	120	8.40	20	
Ethylbenzene	1.2	0.049	0.9804	0	119	78.1	124	8.09	20	
Xylenes, Total	3.5	0.098	2.941	0	119	79.3	125	8.67	20	
Surr: 4-Bromofluorobenzene	1.0		0.9804		104	70	130	0	0	

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

Sample Log-In Check List

Client Name: Pima Environmental Services LLC

Work Order Number: 2106161

RcptNo: 1

Received By: Juan Rojas

6/3/2021 7:30:00 AM

[Signature]

Completed By: Cheyenne Cason

6/3/2021 7:49:58 AM

[Signature]

Reviewed By:

IO

06.03.21

Chain of Custody

- 1. Is Chain of Custody complete? Yes [checked] No [] Not Present []
2. How was the sample delivered? Courier

Log In

- 3. Was an attempt made to cool the samples? Yes [checked] No [] NA []
4. Were all samples received at a temperature of >0° C to 6.0°C Yes [checked] No [] NA []
5. Sample(s) in proper container(s)? Yes [checked] No []
6. Sufficient sample volume for indicated test(s)? Yes [checked] No []
7. Are samples (except VOA and ONG) properly preserved? Yes [checked] No []
8. Was preservative added to bottles? Yes [] No [checked] NA []
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes [] No [] NA [checked]
10. Were any sample containers received broken? Yes [] No [checked]
11. Does paperwork match bottle labels? Yes [checked] No []
12. Are matrices correctly identified on Chain of Custody? Yes [checked] No []
13. Is it clear what analyses were requested? Yes [checked] No []
14. Were all holding times able to be met? Yes [checked] No []

of preserved bottles checked for pH:
(≤2 or >12 unless noted)
Adjusted?
Checked by: KPG 6/03/21

Special Handling (if applicable)

- 15. Was client notified of all discrepancies with this order? Yes [] No [] NA [checked]

Person Notified: [] Date: []
By Whom: [] Via: [] eMail [] Phone [] Fax [] In Person []
Regarding: []
Client Instructions: []

16. Additional remarks:

17. Cooler Information

Table with 7 columns: Cooler No, Temp °C, Condition, Seal Intact, Seal No, Seal Date, Signed By. Contains 2 rows of data.

Chain-of-Custody Record

Client: PIMA Environmental

Mailing Address: 1601 N. Turner Ste 500
Hobbs, NM 88240

Phone #:

email or Fax#:

QA/QC Package:
 Standard Level 4 (Full Validation)

Accreditation: Az Compliance
 NELAC Other _____
 EDD (Type) _____

* Run All Samples

Turn-Around Time: 5 days data due 6/21/21 am
 Standard Rush

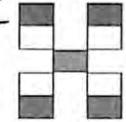
Project Name: Morris Boyd State Com 4H/5H
 Project #:

Project Manager: Chris Jones

Sampler: Sebastian Orocco
 On Ice: Yes No

of Coolers: 2
 Cooler Temp (including CF): 1.3-0.1-1.2 (°C)

Container Type and # Preservative Type 4.4-0.1-4.3 HEAL No. 2106161



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
6/1/21			S1-Surface	1-402	Cool	001	X	X					X			
			S1-1'			002										
			S1-2'			003										
			S1-3'			004										
			S2-Surface			005										
			S2-1'			006										
			S2-2'			007										
			S2-3'			008										
			S3-Surface			009										
			S3-1'			010										
			S3-2'			011										
			S3-3'			012										

Date: 6/2/21 Time: 0900 Relinquished by: [Signature]

Received by: [Signature] Via: _____ Date: 6/2/21 Time: 0900

Remarks: * disregard / ST -> Run samples until under "clean" standard. If all three analysis request are under the given ppm, deeper samples DO NOT need to be analyzed. (BTEX:50ppm, CL:10,000ppm, 2,500ppm)

Date: 6/2/21 Time: 1900 Relinquished by: [Signature]

Received by: [Signature] Via: courier Date: 6/3/21 Time: 7:30

Released to Imaging: 7/12/2022 2:33:47 PM

Chain-of-Custody Record

Client: PIMA Environment

Mailing Address: 1601 N. Turner Ste 500

Phone #:

email or Fax#:

QA/QC Package:
 Standard Level 4 (Full Validation)

Accreditation: Az Compliance
 NELAC Other

EDD (Type)

Turn-Around Time: Data Due 6/7 am
 Standard Rush

Project Name:

Morris Boyd State Com 4H/5H

Project #:

Project Manager:

Chris Jones

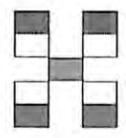
Sampler: S.O

On Ice: Yes No

of Coolers: 2

Cooler Temp (including CF): 1.3-0.121.2 (°C)

Container Type and # Preservative Type HEAL No.
4.4-0.124.3
2106161



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
6/1/21			S4-Surface	1-402	Cool	013	X	X					X			
			S4-1'	I	I	014	I	I					I			
			S4-2'	I	I	015	I	I					I			
			S4-3'	I	I	016	I	I					I			
			BG7-1	I	I	017	I	I					I			

Date: 6/2/21 Time: 0900 Relinquished by: [Signature]

Received by: [Signature] Via: _____ Date: 6/2/21 Time: 0900

Remarks:

Date: 6/2/21 Time: 1900 Relinquished by: [Signature]

Received by: [Signature] Via: _____ Date: 6/3/21 Time: 7:30

Remarks:

If necessary, samples submitted to Hall Environmental may be sub-contracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Received by OCD: 4/8/2022 2:05:54 PM

Page 60 of 101



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

August 04, 2021

TOM BYNUM

PIMA ENVIROMENTAL

1601 N TURNER STE. 500

HOBBS, NM 88240

RE: MORRIS BOYD ST COM 4H/5H

Enclosed are the results of analyses for samples received by the laboratory on 08/02/21 14:35.

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/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".

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
TOM BYNUM
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received:	08/02/2021	Sampling Date:	08/02/2021
Reported:	08/04/2021	Sampling Type:	Soil
Project Name:	MORRIS BOYD ST COM 4H/5H	Sampling Condition:	** (See Notes)
Project Number:	6-21	Sample Received By:	Tamara Oldaker
Project Location:	SPUR ENERGY - EDDY CO NM		

Sample ID: CS - 1 1' (H212030-01)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2021	ND	1.92	96.0	2.00	0.624	
Toluene*	<0.050	0.050	08/03/2021	ND	2.07	104	2.00	0.470	
Ethylbenzene*	<0.050	0.050	08/03/2021	ND	2.00	99.8	2.00	0.650	
Total Xylenes*	<0.150	0.150	08/03/2021	ND	5.97	99.4	6.00	0.649	
Total BTEX	<0.300	0.300	08/03/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 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	112	16.0	08/03/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2021	ND	201	101	200	1.51	
DRO >C10-C28*	<10.0	10.0	08/03/2021	ND	194	97.2	200	2.79	
EXT DRO >C28-C36	<10.0	10.0	08/03/2021	ND					

Surrogate: 1-Chlorooctane 64.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 57.3 % 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
TOM BYNUM
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received:	08/02/2021	Sampling Date:	08/02/2021
Reported:	08/04/2021	Sampling Type:	Soil
Project Name:	MORRIS BOYD ST COM 4H/5H	Sampling Condition:	** (See Notes)
Project Number:	6-21	Sample Received By:	Tamara Oldaker
Project Location:	SPUR ENERGY - EDDY CO NM		

Sample ID: CS - 2 1' (H212030-02)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2021	ND	1.92	96.0	2.00	0.624	
Toluene*	<0.050	0.050	08/03/2021	ND	2.07	104	2.00	0.470	
Ethylbenzene*	<0.050	0.050	08/03/2021	ND	2.00	99.8	2.00	0.650	
Total Xylenes*	<0.150	0.150	08/03/2021	ND	5.97	99.4	6.00	0.649	
Total BTEX	<0.300	0.300	08/03/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	144	16.0	08/03/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2021	ND	201	101	200	1.51	
DRO >C10-C28*	<10.0	10.0	08/03/2021	ND	194	97.2	200	2.79	
EXT DRO >C28-C36	<10.0	10.0	08/03/2021	ND					

Surrogate: 1-Chlorooctane 64.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 59.0 % 38.9-142

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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
TOM BYNUM
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received:	08/02/2021	Sampling Date:	08/02/2021
Reported:	08/04/2021	Sampling Type:	Soil
Project Name:	MORRIS BOYD ST COM 4H/5H	Sampling Condition:	** (See Notes)
Project Number:	6-21	Sample Received By:	Tamara Oldaker
Project Location:	SPUR ENERGY - EDDY CO NM		

Sample ID: CS - 3 1' (H212030-03)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2021	ND	1.92	96.0	2.00	0.624	
Toluene*	<0.050	0.050	08/03/2021	ND	2.07	104	2.00	0.470	
Ethylbenzene*	<0.050	0.050	08/03/2021	ND	2.00	99.8	2.00	0.650	
Total Xylenes*	<0.150	0.150	08/03/2021	ND	5.97	99.4	6.00	0.649	
Total BTEX	<0.300	0.300	08/03/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 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	160	16.0	08/03/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2021	ND	201	101	200	1.51	
DRO >C10-C28*	<10.0	10.0	08/03/2021	ND	194	97.2	200	2.79	
EXT DRO >C28-C36	<10.0	10.0	08/03/2021	ND					

Surrogate: 1-Chlorooctane 58.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 51.6 % 38.9-142

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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
TOM BYNUM
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received:	08/02/2021	Sampling Date:	08/02/2021
Reported:	08/04/2021	Sampling Type:	Soil
Project Name:	MORRIS BOYD ST COM 4H/5H	Sampling Condition:	** (See Notes)
Project Number:	6-21	Sample Received By:	Tamara Oldaker
Project Location:	SPUR ENERGY - EDDY CO NM		

Sample ID: CS - 4 1' (H212030-04)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2021	ND	1.92	96.0	2.00	0.624	
Toluene*	<0.050	0.050	08/03/2021	ND	2.07	104	2.00	0.470	
Ethylbenzene*	<0.050	0.050	08/03/2021	ND	2.00	99.8	2.00	0.650	
Total Xylenes*	<0.150	0.150	08/03/2021	ND	5.97	99.4	6.00	0.649	
Total BTEX	<0.300	0.300	08/03/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	144	16.0	08/03/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2021	ND	201	101	200	1.51	
DRO >C10-C28*	12.6	10.0	08/03/2021	ND	194	97.2	200	2.79	
EXT DRO >C28-C36	<10.0	10.0	08/03/2021	ND					

Surrogate: 1-Chlorooctane 63.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 55.1 % 38.9-142

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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
 TOM BYNUM
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received:	08/02/2021	Sampling Date:	08/02/2021
Reported:	08/04/2021	Sampling Type:	Soil
Project Name:	MORRIS BOYD ST COM 4H/5H	Sampling Condition:	** (See Notes)
Project Number:	6-21	Sample Received By:	Tamara Oldaker
Project Location:	SPUR ENERGY - EDDY CO NM		

Sample ID: CS - 5 1' (H212030-05)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2021	ND	1.92	96.0	2.00	0.624	
Toluene*	<0.050	0.050	08/03/2021	ND	2.07	104	2.00	0.470	
Ethylbenzene*	<0.050	0.050	08/03/2021	ND	2.00	99.8	2.00	0.650	GC-NC
Total Xylenes*	<0.150	0.150	08/03/2021	ND	5.97	99.4	6.00	0.649	
Total BTEX	<0.300	0.300	08/03/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 121 % 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	320	16.0	08/03/2021	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	14.6	10.0	08/03/2021	ND	201	101	200	1.51	
DRO >C10-C28*	1120	10.0	08/03/2021	ND	194	97.2	200	2.79	
EXT DRO >C28-C36	198	10.0	08/03/2021	ND					

Surrogate: 1-Chlorooctane 68.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 77.9 % 38.9-142

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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
 TOM BYNUM
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received:	08/02/2021	Sampling Date:	08/02/2021
Reported:	08/04/2021	Sampling Type:	Soil
Project Name:	MORRIS BOYD ST COM 4H/5H	Sampling Condition:	** (See Notes)
Project Number:	6-21	Sample Received By:	Tamara Oldaker
Project Location:	SPUR ENERGY - EDDY CO NM		

Sample ID: CS - 6 1' (H212030-06)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2021	ND	1.92	96.0	2.00	0.624	
Toluene*	<0.050	0.050	08/03/2021	ND	2.07	104	2.00	0.470	
Ethylbenzene*	<0.050	0.050	08/03/2021	ND	2.00	99.8	2.00	0.650	
Total Xylenes*	<0.150	0.150	08/03/2021	ND	5.97	99.4	6.00	0.649	
Total BTEX	<0.300	0.300	08/03/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 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	240	16.0	08/03/2021	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2021	ND	201	101	200	1.51	
DRO >C10-C28*	15.0	10.0	08/03/2021	ND	194	97.2	200	2.79	
EXT DRO >C28-C36	<10.0	10.0	08/03/2021	ND					

Surrogate: 1-Chlorooctane 63.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 55.8 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- GC-NC 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.
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



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

August 04, 2021

TOM BYNUM

PIMA ENVIROMENTAL

1601 N TURNER STE. 500

HOBBS, NM 88240

RE: MORRIS BOYD ST COM 4H/5H

Enclosed are the results of analyses for samples received by the laboratory on 08/02/21 14:35.

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/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.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
TOM BYNUM
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received:	08/02/2021	Sampling Date:	08/02/2021
Reported:	08/04/2021	Sampling Type:	Soil
Project Name:	MORRIS BOYD ST COM 4H/5H	Sampling Condition:	** (See Notes)
Project Number:	6-21	Sample Received By:	Tamara Oldaker
Project Location:	SPUR ENERGY - EDDY CO NM		

Sample ID: CS - 1 1' (H212030-01)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2021	ND	1.92	96.0	2.00	0.624	
Toluene*	<0.050	0.050	08/03/2021	ND	2.07	104	2.00	0.470	
Ethylbenzene*	<0.050	0.050	08/03/2021	ND	2.00	99.8	2.00	0.650	
Total Xylenes*	<0.150	0.150	08/03/2021	ND	5.97	99.4	6.00	0.649	
Total BTEX	<0.300	0.300	08/03/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 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	112	16.0	08/03/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2021	ND	201	101	200	1.51	
DRO >C10-C28*	<10.0	10.0	08/03/2021	ND	194	97.2	200	2.79	
EXT DRO >C28-C36	<10.0	10.0	08/03/2021	ND					

Surrogate: 1-Chlorooctane 64.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 57.3 % 38.9-142

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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
 TOM BYNUM
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received:	08/02/2021	Sampling Date:	08/02/2021
Reported:	08/04/2021	Sampling Type:	Soil
Project Name:	MORRIS BOYD ST COM 4H/5H	Sampling Condition:	** (See Notes)
Project Number:	6-21	Sample Received By:	Tamara Oldaker
Project Location:	SPUR ENERGY - EDDY CO NM		

Sample ID: CS - 2 1' (H212030-02)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2021	ND	1.92	96.0	2.00	0.624	
Toluene*	<0.050	0.050	08/03/2021	ND	2.07	104	2.00	0.470	
Ethylbenzene*	<0.050	0.050	08/03/2021	ND	2.00	99.8	2.00	0.650	
Total Xylenes*	<0.150	0.150	08/03/2021	ND	5.97	99.4	6.00	0.649	
Total BTEX	<0.300	0.300	08/03/2021	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	144	16.0	08/03/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2021	ND	201	101	200	1.51	
DRO >C10-C28*	<10.0	10.0	08/03/2021	ND	194	97.2	200	2.79	
EXT DRO >C28-C36	<10.0	10.0	08/03/2021	ND					

Surrogate: 1-Chlorooctane 64.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 59.0 % 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
 TOM BYNUM
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received:	08/02/2021	Sampling Date:	08/02/2021
Reported:	08/04/2021	Sampling Type:	Soil
Project Name:	MORRIS BOYD ST COM 4H/5H	Sampling Condition:	** (See Notes)
Project Number:	6-21	Sample Received By:	Tamara Oldaker
Project Location:	SPUR ENERGY - EDDY CO NM		

Sample ID: CS - 3 1' (H212030-03)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2021	ND	1.92	96.0	2.00	0.624	
Toluene*	<0.050	0.050	08/03/2021	ND	2.07	104	2.00	0.470	
Ethylbenzene*	<0.050	0.050	08/03/2021	ND	2.00	99.8	2.00	0.650	
Total Xylenes*	<0.150	0.150	08/03/2021	ND	5.97	99.4	6.00	0.649	
Total BTEX	<0.300	0.300	08/03/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 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	160	16.0	08/03/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2021	ND	201	101	200	1.51	
DRO >C10-C28*	<10.0	10.0	08/03/2021	ND	194	97.2	200	2.79	
EXT DRO >C28-C36	<10.0	10.0	08/03/2021	ND					

Surrogate: 1-Chlorooctane 58.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 51.6 % 38.9-142

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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
 TOM BYNUM
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received:	08/02/2021	Sampling Date:	08/02/2021
Reported:	08/04/2021	Sampling Type:	Soil
Project Name:	MORRIS BOYD ST COM 4H/5H	Sampling Condition:	** (See Notes)
Project Number:	6-21	Sample Received By:	Tamara Oldaker
Project Location:	SPUR ENERGY - EDDY CO NM		

Sample ID: CS - 4 1' (H212030-04)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2021	ND	1.92	96.0	2.00	0.624	
Toluene*	<0.050	0.050	08/03/2021	ND	2.07	104	2.00	0.470	
Ethylbenzene*	<0.050	0.050	08/03/2021	ND	2.00	99.8	2.00	0.650	
Total Xylenes*	<0.150	0.150	08/03/2021	ND	5.97	99.4	6.00	0.649	
Total BTEX	<0.300	0.300	08/03/2021	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	144	16.0	08/03/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2021	ND	201	101	200	1.51	
DRO >C10-C28*	12.6	10.0	08/03/2021	ND	194	97.2	200	2.79	
EXT DRO >C28-C36	<10.0	10.0	08/03/2021	ND					

Surrogate: 1-Chlorooctane 63.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 55.1 % 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
 TOM BYNUM
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received:	08/02/2021	Sampling Date:	08/02/2021
Reported:	08/04/2021	Sampling Type:	Soil
Project Name:	MORRIS BOYD ST COM 4H/5H	Sampling Condition:	** (See Notes)
Project Number:	6-21	Sample Received By:	Tamara Oldaker
Project Location:	SPUR ENERGY - EDDY CO NM		

Sample ID: CS - 5 1' (H212030-05)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2021	ND	1.92	96.0	2.00	0.624	
Toluene*	<0.050	0.050	08/03/2021	ND	2.07	104	2.00	0.470	
Ethylbenzene*	<0.050	0.050	08/03/2021	ND	2.00	99.8	2.00	0.650	GC-NC
Total Xylenes*	<0.150	0.150	08/03/2021	ND	5.97	99.4	6.00	0.649	
Total BTEX	<0.300	0.300	08/03/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 121 % 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	320	16.0	08/03/2021	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	14.6	10.0	08/03/2021	ND	201	101	200	1.51	
DRO >C10-C28*	1120	10.0	08/03/2021	ND	194	97.2	200	2.79	
EXT DRO >C28-C36	198	10.0	08/03/2021	ND					

Surrogate: 1-Chlorooctane 68.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 77.9 % 38.9-142

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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
 TOM BYNUM
 1601 N TURNER STE. 500
 HOBBS NM, 88240
 Fax To:

Received:	08/02/2021	Sampling Date:	08/02/2021
Reported:	08/04/2021	Sampling Type:	Soil
Project Name:	MORRIS BOYD ST COM 4H/5H	Sampling Condition:	** (See Notes)
Project Number:	6-21	Sample Received By:	Tamara Oldaker
Project Location:	SPUR ENERGY - EDDY CO NM		

Sample ID: CS - 6 1' (H212030-06)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/03/2021	ND	1.92	96.0	2.00	0.624	
Toluene*	<0.050	0.050	08/03/2021	ND	2.07	104	2.00	0.470	
Ethylbenzene*	<0.050	0.050	08/03/2021	ND	2.00	99.8	2.00	0.650	
Total Xylenes*	<0.150	0.150	08/03/2021	ND	5.97	99.4	6.00	0.649	
Total BTEX	<0.300	0.300	08/03/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 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	240	16.0	08/03/2021	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2021	ND	201	101	200	1.51	
DRO >C10-C28*	15.0	10.0	08/03/2021	ND	194	97.2	200	2.79	
EXT DRO >C28-C36	<10.0	10.0	08/03/2021	ND					

Surrogate: 1-Chlorooctane 63.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 55.8 % 38.9-142

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- GC-NC 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.
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

Company Name: <u>Pima Environmental</u>		BILL TO				ANALYSIS REQUEST																					
Project Manager: <u>Tom Dyaum</u>		P.O. #:																									
Address: <u>1601 N Turner St</u>		Company:																									
City: <u>Hobbs</u> State: <u>NM</u> Zip: <u>88240</u>		Attn:																									
Phone #: <u>580-748-1613</u> Fax #:		Address:																									
Project #: <u>6-21</u> Project Owner: <u>Spur Energy</u>		City:																									
Project Name: <u>Morris Boyd St Con 4H/5H</u>		State: Zip:																									
Project Location: <u>Eddy County, NM</u>		Phone #:																									
Sampler Name: <u>Scott Henson</u>		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													
<u>H212030</u>						X							<u>8/2/21</u>	<u>0800</u>	X	X	X	<u>BTEX</u> <u>TPH</u> <u>Chlorides</u>									
	<u>1 CS-1 1'</u>																										
	<u>2 CS-2 1'</u>																										
	<u>3 CS-3 1'</u>													<u>0805</u>													
	<u>4 CS-4 1'</u>																										
	<u>5 CS-5 1'</u>																										
	<u>6 CS-6 1'</u>																										

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Relinquished By: <u>[Signature]</u>	Date: <u>8-2-21</u>	Received By: <u>[Signature]</u>	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Add'l Phone #:
Relinquished By: <u>[Signature]</u>	Time: <u>1435</u>	Received By: <u>[Signature]</u>	All Results are emailed. Please provide Email address:
Delivered By: (Circle One)	Observed Temp. °C <u>11.4</u>	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	REMARKS:
Sampler - UPS - Bus - Other:	Corrected Temp. °C	CHECKED BY: (Initials) <u>TO.</u>	Turnaround Time: <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Rush
			Bacteria (only) Sample Condition Cool Intact Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No
			Thermometer ID #113 Correction Factor None Corrected Temp. °C

FORM-006 R 3.1 06/04/20

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



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

August 10, 2021

TOM BYNUM

PIMA ENVIROMENTAL

1601 N TURNER STE. 500

HOBBS, NM 88240

RE: MORRIS BOYD ST COM 4H/5H

Enclosed are the results of analyses for samples received by the laboratory on 08/05/21 8:00.

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/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, flowing "C" at the beginning.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

PIMA ENVIROMENTAL
TOM BYNUM
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received:	08/05/2021	Sampling Date:	08/05/2021
Reported:	08/10/2021	Sampling Type:	Soil
Project Name:	MORRIS BOYD ST COM 4H/5H	Sampling Condition:	Cool & Intact
Project Number:	6-21	Sample Received By:	Tamara Oldaker
Project Location:	SPUR ENERGY - EDDY CO NM		

Sample ID: CS - 5 2' (H212073-01)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/09/2021	ND	1.88	94.2	2.00	3.37	
Toluene*	<0.050	0.050	08/09/2021	ND	2.05	103	2.00	4.18	
Ethylbenzene*	<0.050	0.050	08/09/2021	ND	1.97	98.7	2.00	3.58	
Total Xylenes*	<0.150	0.150	08/09/2021	ND	5.91	98.5	6.00	3.72	
Total BTEX	<0.300	0.300	08/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 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	144	16.0	08/08/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/10/2021	ND	206	103	200	0.00438	
DRO >C10-C28*	<10.0	10.0	08/10/2021	ND	215	107	200	0.0252	
EXT DRO >C28-C36	<10.0	10.0	08/10/2021	ND					

Surrogate: 1-Chlorooctane 77.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 71.1 % 38.9-142

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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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: <i>Pima Environmental</i>		BILL TO				ANALYSIS REQUEST																							
Project Manager: <i>Tom Dymun</i>		P.O. #:																											
Address: <i>1601 N. Turner St., Suite 500</i>		Company:																											
City: <i>Hobbs</i> State: <i>NM</i> Zip: <i>88240</i>		Attn:																											
Phone #: <i>580-748-1213</i> Fax #:		Address:																											
Project #: <i>6-21</i> Project Owner:		City:																											
Project Name: <i>Morris Boyd State Com 4H/5H</i>		State: Zip:																											
Project Location:		Phone #:																											
Sampler Name: <i>Scott Henson</i>		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															
<i>H212673</i>	<i>1 CS-5 2'</i>	<i>C</i>	<i>1</i>		<i>X</i>						<i>X</i>		<i>8/5/21</i>	<i>0730</i>	<i>X</i>	<i>X</i>	<i>X</i>												

BTEX
Total TPH
Chlorides

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Relinquished By: <i>[Signature]</i>	Date: <i>8-5-21</i>	Received By: <i>[Signature]</i>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:	
	Time: <i>0800</i>		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:	
Relinquished By:	Date:	Received By:	REMARKS: <i>Standard (No Rush)</i>		
	Time:				
Delivered By: (Circle One)	Sampler - UPS - Bus - Other: <i>-1.1 @ #113</i>	Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	CHECKED BY: (Initials) <i>J.S.</i>		

† 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: Morris Boyd St Com 4H/5H

Work Order: E203180

Job Number: 21064-0001

Received: 3/28/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/4/22

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: 4/4/22



Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Morris Boyd St Com 4H/5H
Workorder: E203180
Date Received: 3/28/2022 8:15:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/28/2022 8:15:00AM, under the Project Name: Morris Boyd St Com 4H/5H.

The analytical test results summarized in this report with the Project Name: Morris Boyd St Com 4H/5H 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

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Sample Summary

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Morris Boyd St Com 4H/5H Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 04/04/22 17:36
---	--	------------------------------------

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS - 1 1'	E203180-01A	Soil	03/18/22	03/28/22	Glass Jar, 4 oz.
CS - 2 1'	E203180-02A	Soil	03/18/22	03/28/22	Glass Jar, 4 oz.
CS - 3 1'	E203180-03A	Soil	03/18/22	03/28/22	Glass Jar, 4 oz.
CS - 4 1'	E203180-04A	Soil	03/18/22	03/28/22	Glass Jar, 4 oz.
CS - 5 1'	E203180-05A	Soil	03/18/22	03/28/22	Glass Jar, 4 oz.
CS - 6 1'	E203180-06A	Soil	03/18/22	03/28/22	Glass Jar, 4 oz.



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Morris Boyd St Com 4H/5H Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 4/4/2022 5:36:08PM
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CS - 1 1'

E203180-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY		Batch: 2214018
Benzene	ND	0.0250	1	03/28/22	04/01/22
Ethylbenzene	ND	0.0250	1	03/28/22	04/01/22
Toluene	ND	0.0250	1	03/28/22	04/01/22
o-Xylene	ND	0.0250	1	03/28/22	04/01/22
p,m-Xylene	ND	0.0500	1	03/28/22	04/01/22
Total Xylenes	ND	0.0250	1	03/28/22	04/01/22

<i>Surrogate: Bromofluorobenzene</i>	90.4 %	70-130		03/28/22	04/01/22
<i>Surrogate: 1,2-Dichloroethane-d4</i>	99.7 %	70-130		03/28/22	04/01/22
<i>Surrogate: Toluene-d8</i>	98.0 %	70-130		03/28/22	04/01/22

Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2214018
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/22	04/01/22
<i>Surrogate: Bromofluorobenzene</i>	90.4 %	70-130		03/28/22	04/01/22
<i>Surrogate: 1,2-Dichloroethane-d4</i>	99.7 %	70-130		03/28/22	04/01/22
<i>Surrogate: Toluene-d8</i>	98.0 %	70-130		03/28/22	04/01/22

Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2214067
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/01/22
Oil Range Organics (C28-C36)	59.1	50.0	1	03/31/22	04/01/22
<i>Surrogate: n-Nonane</i>	113 %	50-200		03/31/22	04/01/22

Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2214088
Chloride	ND	20.0	1	04/01/22	04/02/22



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Morris Boyd St Com 4H/5H Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 4/4/2022 5:36:08PM
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CS - 2 1'

E203180-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY		Batch: 2214018
Benzene	ND	0.0250	1	03/28/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/28/22	04/01/22	
Toluene	ND	0.0250	1	03/28/22	04/01/22	
o-Xylene	ND	0.0250	1	03/28/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/28/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/28/22	04/01/22	
<i>Surrogate: Bromofluorobenzene</i>		91.8 %	70-130	03/28/22	04/01/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	03/28/22	04/01/22	
<i>Surrogate: Toluene-d8</i>		97.9 %	70-130	03/28/22	04/01/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2214018
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/22	04/01/22	
<i>Surrogate: Bromofluorobenzene</i>		91.8 %	70-130	03/28/22	04/01/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	03/28/22	04/01/22	
<i>Surrogate: Toluene-d8</i>		97.9 %	70-130	03/28/22	04/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2214067
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/01/22	
<i>Surrogate: n-Nonane</i>		111 %	50-200	03/31/22	04/01/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2214088
Chloride	ND	20.0	1	04/01/22	04/02/22	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Morris Boyd St Com 4H/5H Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 4/4/2022 5:36:08PM
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CS - 3 1'

E203180-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY		Batch: 2214018
Benzene	ND	0.0250	1	03/28/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/28/22	04/01/22	
Toluene	ND	0.0250	1	03/28/22	04/01/22	
o-Xylene	ND	0.0250	1	03/28/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/28/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/28/22	04/01/22	
<i>Surrogate: Bromofluorobenzene</i>		91.6 %	70-130	03/28/22	04/01/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	03/28/22	04/01/22	
<i>Surrogate: Toluene-d8</i>		98.2 %	70-130	03/28/22	04/01/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2214018
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/22	04/01/22	
<i>Surrogate: Bromofluorobenzene</i>		91.6 %	70-130	03/28/22	04/01/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	03/28/22	04/01/22	
<i>Surrogate: Toluene-d8</i>		98.2 %	70-130	03/28/22	04/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2214067
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/01/22	
<i>Surrogate: n-Nonane</i>		110 %	50-200	03/31/22	04/01/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2214088
Chloride	ND	20.0	1	04/01/22	04/02/22	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Morris Boyd St Com 4H/5H Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 4/4/2022 5:36:08PM
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CS - 4 1'

E203180-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY		Batch: 2214018
Benzene	ND	0.0250	1	03/28/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/28/22	04/01/22	
Toluene	ND	0.0250	1	03/28/22	04/01/22	
o-Xylene	ND	0.0250	1	03/28/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/28/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/28/22	04/01/22	
<i>Surrogate: Bromofluorobenzene</i>		91.4 %	70-130	03/28/22	04/01/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	03/28/22	04/01/22	
<i>Surrogate: Toluene-d8</i>		99.1 %	70-130	03/28/22	04/01/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2214018
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/22	04/01/22	
<i>Surrogate: Bromofluorobenzene</i>		91.4 %	70-130	03/28/22	04/01/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	03/28/22	04/01/22	
<i>Surrogate: Toluene-d8</i>		99.1 %	70-130	03/28/22	04/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2214067
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/01/22	
<i>Surrogate: n-Nonane</i>		111 %	50-200	03/31/22	04/01/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2214088
Chloride	ND	20.0	1	04/01/22	04/02/22	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Morris Boyd St Com 4H/5H Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 4/4/2022 5:36:08PM
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CS - 5 1'

E203180-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY		Batch: 2214018
Benzene	ND	0.0250	1	03/28/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/28/22	04/01/22	
Toluene	ND	0.0250	1	03/28/22	04/01/22	
o-Xylene	ND	0.0250	1	03/28/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/28/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/28/22	04/01/22	
<i>Surrogate: Bromofluorobenzene</i>		91.1 %	70-130	03/28/22	04/01/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		106 %	70-130	03/28/22	04/01/22	
<i>Surrogate: Toluene-d8</i>		98.0 %	70-130	03/28/22	04/01/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2214018
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/22	04/01/22	
<i>Surrogate: Bromofluorobenzene</i>		91.1 %	70-130	03/28/22	04/01/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		106 %	70-130	03/28/22	04/01/22	
<i>Surrogate: Toluene-d8</i>		98.0 %	70-130	03/28/22	04/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2214067
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/01/22	
<i>Surrogate: n-Nonane</i>		110 %	50-200	03/31/22	04/01/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2214088
Chloride	ND	20.0	1	04/01/22	04/02/22	



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Morris Boyd St Com 4H/5H Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 4/4/2022 5:36:08PM
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CS - 6 1'

E203180-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY		Batch: 2214018
Benzene	ND	0.0250	1	03/28/22	04/01/22	
Ethylbenzene	ND	0.0250	1	03/28/22	04/01/22	
Toluene	ND	0.0250	1	03/28/22	04/01/22	
o-Xylene	ND	0.0250	1	03/28/22	04/01/22	
p,m-Xylene	ND	0.0500	1	03/28/22	04/01/22	
Total Xylenes	ND	0.0250	1	03/28/22	04/01/22	
<i>Surrogate: Bromofluorobenzene</i>		91.7 %	70-130	03/28/22	04/01/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	03/28/22	04/01/22	
<i>Surrogate: Toluene-d8</i>		97.2 %	70-130	03/28/22	04/01/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY		Batch: 2214018
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/28/22	04/01/22	
<i>Surrogate: Bromofluorobenzene</i>		91.7 %	70-130	03/28/22	04/01/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	03/28/22	04/01/22	
<i>Surrogate: Toluene-d8</i>		97.2 %	70-130	03/28/22	04/01/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: JL		Batch: 2214067
Diesel Range Organics (C10-C28)	ND	25.0	1	03/31/22	04/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	03/31/22	04/01/22	
<i>Surrogate: n-Nonane</i>		110 %	50-200	03/31/22	04/01/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: RAS		Batch: 2214088
Chloride	ND	20.0	1	04/01/22	04/02/22	



QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Morris Boyd St Com 4H/5H Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 4/4/2022 5:36:08PM
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Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2214018-BLK1)

Prepared: 03/28/22 Analyzed: 04/01/22

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	0.442		0.500		88.3		70-130		
Surrogate: 1,2-Dichloroethane-d4	0.522		0.500		104		70-130		
Surrogate: Toluene-d8	0.486		0.500		97.1		70-130		

LCS (2214018-BS1)

Prepared: 03/28/22 Analyzed: 04/01/22

Benzene	2.75	0.0250	2.50		110		70-130		
Ethylbenzene	2.80	0.0250	2.50		112		70-130		
Toluene	2.80	0.0250	2.50		112		70-130		
o-Xylene	2.72	0.0250	2.50		109		70-130		
p,m-Xylene	5.44	0.0500	5.00		109		70-130		
Total Xylenes	8.16	0.0250	7.50		109		70-130		
Surrogate: Bromofluorobenzene	0.481		0.500		96.2		70-130		
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.6		70-130		
Surrogate: Toluene-d8	0.514		0.500		103		70-130		

Matrix Spike (2214018-MS1)

Source: E203180-01

Prepared: 03/28/22 Analyzed: 04/01/22

Benzene	2.72	0.0250	2.50	ND	109		48-131		
Ethylbenzene	2.75	0.0250	2.50	ND	110		45-135		
Toluene	2.75	0.0250	2.50	ND	110		48-130		
o-Xylene	2.68	0.0250	2.50	ND	107		43-135		
p,m-Xylene	5.34	0.0500	5.00	ND	107		43-135		
Total Xylenes	8.03	0.0250	7.50	ND	107		43-135		
Surrogate: Bromofluorobenzene	0.490		0.500		97.9		70-130		
Surrogate: 1,2-Dichloroethane-d4	0.507		0.500		101		70-130		
Surrogate: Toluene-d8	0.512		0.500		102		70-130		

Matrix Spike Dup (2214018-MSD1)

Source: E203180-01

Prepared: 03/28/22 Analyzed: 04/01/22

Benzene	2.70	0.0250	2.50	ND	108		48-131	0.443	23
Ethylbenzene	2.79	0.0250	2.50	ND	111		45-135	1.28	27
Toluene	2.79	0.0250	2.50	ND	112		48-130	1.54	24
o-Xylene	2.71	0.0250	2.50	ND	108		43-135	0.946	27
p,m-Xylene	5.42	0.0500	5.00	ND	108		43-135	1.51	27
Total Xylenes	8.13	0.0250	7.50	ND	108		43-135	1.32	27
Surrogate: Bromofluorobenzene	0.480		0.500		95.9		70-130		
Surrogate: 1,2-Dichloroethane-d4	0.484		0.500		96.7		70-130		
Surrogate: Toluene-d8	0.510		0.500		102		70-130		



QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Morris Boyd St Com 4H/5H Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 4/4/2022 5:36:08PM
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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
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Blank (2214018-BLK1)

Prepared: 03/28/22 Analyzed: 04/01/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.442		0.500		88.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.522		0.500		104	70-130			
Surrogate: Toluene-d8	0.486		0.500		97.1	70-130			

LCS (2214018-BS2)

Prepared: 03/28/22 Analyzed: 04/01/22

Gasoline Range Organics (C6-C10)	49.9	20.0	50.0		99.7	70-130			
Surrogate: Bromofluorobenzene	0.468		0.500		93.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.507		0.500		101	70-130			
Surrogate: Toluene-d8	0.507		0.500		101	70-130			

Matrix Spike (2214018-MS2)

Source: E203180-01

Prepared: 03/28/22 Analyzed: 04/01/22

Gasoline Range Organics (C6-C10)	58.3	20.0	50.0	ND	117	70-130			
Surrogate: Bromofluorobenzene	0.472		0.500		94.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.486		0.500		97.1	70-130			
Surrogate: Toluene-d8	0.512		0.500		102	70-130			

Matrix Spike Dup (2214018-MSD2)

Source: E203180-01

Prepared: 03/28/22 Analyzed: 04/01/22

Gasoline Range Organics (C6-C10)	58.1	20.0	50.0	ND	116	70-130	0.257	20	
Surrogate: Bromofluorobenzene	0.478		0.500		95.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.492		0.500		98.4	70-130			
Surrogate: Toluene-d8	0.513		0.500		103	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Morris Boyd St Com 4H/5H Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 4/4/2022 5:36:08PM
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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
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Blank (2214067-BLK1)

Prepared: 03/31/22 Analyzed: 03/31/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.7		50.0		101	50-200			

LCS (2214067-BS1)

Prepared: 03/31/22 Analyzed: 03/31/22

Diesel Range Organics (C10-C28)	494	25.0	500		98.7	38-132			
Surrogate: n-Nonane	52.7		50.0		105	50-200			

Matrix Spike (2214067-MS1)

Source: E203176-10

Prepared: 03/31/22 Analyzed: 03/31/22

Diesel Range Organics (C10-C28)	513	25.0	500	ND	103	38-132			
Surrogate: n-Nonane	53.3		50.0		107	50-200			

Matrix Spike Dup (2214067-MSD1)

Source: E203176-10

Prepared: 03/31/22 Analyzed: 03/31/22

Diesel Range Organics (C10-C28)	516	25.0	500	ND	103	38-132	0.599	20	
Surrogate: n-Nonane	53.7		50.0		107	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Morris Boyd St Com 4H/5H Project Number: 21064-0001 Project Manager: Tom Bynum	Reported: 4/4/2022 5:36:08PM
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Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2214088-BLK1)

Prepared: 04/01/22 Analyzed: 04/02/22

Chloride ND 20.0

LCS (2214088-BS1)

Prepared: 04/01/22 Analyzed: 04/02/22

Chloride 253 20.0 250 101 90-110

Matrix Spike (2214088-MS1)

Source: E203180-01

Prepared: 04/01/22 Analyzed: 04/02/22

Chloride 261 20.0 250 ND 104 80-120

Matrix Spike Dup (2214088-MSD1)

Source: E203180-01

Prepared: 04/01/22 Analyzed: 04/02/22

Chloride 264 20.0 250 ND 105 80-120 1.11 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:	Morris Boyd St Com 4H/5H	
PO Box 247	Project Number:	21064-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	04/04/22 17:36

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

Client: Pima Environmental Services	Bill To Attention: _____ Address: _____ City, State, Zip _____ Phone: _____ Email: _____ Pima Project # _____	Lab Use Only		TAT				EPA Program		
Project: 16-21		Lab WO# E203180	Job Number 21064-0001	1D	2D	3D	Standard	CWA	SDWA	
Project Manager: Tom Bynum		Analysis and Method							RCRA	
Address: 5614 N. Lovington Hwy.		DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	State
City, State, Zip Hobbs, NM, 88240										NM CO UT AZ TX
Phone: 580-748-1613										
Email: tom@pimaoil.com										
Report due by:									Remarks	

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
9:00	3/18/22	S		CS-1 1"	1							X		
9:10				CS-2 1"	2							X		
9:17				CS-3 1"	3							X		
9:24				CS-4 1"	4							X		
9:33				CS-5 1"	5							X		
9:40				CS-6 1"	6							X		

Additional Instructions: (Bill to Pima Envi)

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.

Relinquished by: (Signature) Ned Katers	Date 3-25-22	Time 1:47	Received by: (Signature) A. Bradley	Date 3/25/22	Time 13:47	Lab Use Only Received on ice: <input checked="" type="radio"/> Y / <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C 4
Relinquished by: (Signature) K. B. Boy	Date 3/25/22	Time 16:00	Received by: (Signature) Cathie Clark	Date 3/25/22	Time 8:15	
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.



Envirotech Analytical Laboratory

Printed: 3/28/2022 12:20:17PM

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: 03/28/22 08:15 Work Order ID: E203180
Phone: (575) 631-6977 Date Logged In: 03/28/22 10:52 Logged In By: Caitlin Christian
Email: tom@pimaoil.com Due Date: 04/01/22 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

Carrier: UPS

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

Empty box for client instructions.

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

Date



envirotech Inc.

Project Information

Morris Boyd St Com 4H/5H

Chain of Custody

Page 1 of 1

Client: Pima Environmental Services	Bill To	Lab Use Only		TAT			EPA Program			
Project: <u>6-21</u>		Attention:	Lab WO#	Job Number	1D	2D	3D	Standard	CWA	SDWA
Project Manager: Tom Bynum		Address:	E203180 21064-0001					X		
Address: 5614 N. Lovington Hwy.		City, State, Zip	Analysis and Method							
City, State, Zip Hobbs, NM, 88240		Phone:	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX
Phone: 580-748-1613	Email:	State								
Email: tom@pimaoil.com	Pima Project # <u>6-21</u>	NM CO UT AZ TX								
Report due by: <u>per Tom 4/4/22</u>		Remarks								

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
9:00	3/18/22	S		CS-1 1'	1							X		
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9:17				CS-3 1'	3							X		
9:24				CS-4 1'	4							X		
9:33				CS-5 1'	5							X		
9:40				CS-6 1'	6							X		

Additional Instructions: Bill to Pima Envi

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

Relinquished by: (Signature) <u>Neil Roberts</u>	Date	Time	Received by: (Signature) <u>A. Bailey</u>	Date	Time	Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
Relinquished by: (Signature) <u>FRB</u>	3-25-22	1:47	Received by: (Signature) <u>Cathy Clark</u>	3/25/22	13:47	
Relinquished by: (Signature)			Received by: (Signature)			

Sample Matrix: S - Soil, SH - 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.



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 97015

CONDITIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 97015
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NAPP2105350868 MORRIS BOYD STATE COM #005H, thank you. This closure is approved.	7/12/2022