

**Raybaw Operating, LLC.
2626 Cole Ave., Suite 300
Dallas, TX 75204
214-800-2301**

January 31, 2023

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

**RE: Site Assessment, Remediation, and Closure Report
Watkins 32 State #001
API No. 30-025-31735
GPS: Latitude 32.7058411 Longitude -103.7917099
UL "F", Section 32, Township 18S, Range 32E,
Lea County, NM
NMOCD Reference No. NAB1636456292**

Raybaw Operating, LLC (Raybaw) has contracted Pima Environmental Services, LLC (Pima) to perform a site assessment, remediation, and prepare this closure report for a produced water release that happened at the Watkins 32 State #001 (Watkins). An initial C-141 was submitted on December 21, 2016, and can be found in Appendix C. This incident was assigned Incident ID NAB1636456292, by the New Mexico Oil Conservation Division (NMOCD).

Site Information and Site Characterization

The Watkins is located approximately ten (10) miles south of Maljamar, NM. This spill site is in Unit F, Section 32, Township 18S, Range 32E, Latitude 32.7058411 Longitude -103.7917099, Lea County, NM. A Location Map can be found in Figure 1.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology in this area is made up of Eolian and piedmont deposits. Interlayered eolian sands and piedmont-slope deposits along the eastern flank of the Pecos River valley, primarily between Roswell and Carlsbad. Typically capped by thin eolian deposits. The soil in this area is made up of Kermit soils and Dune land, 0 to 12 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 excessively drained. There is a low potential for karst geology to be present around the Watkins (Figure 3).

According to the New Mexico Office of the State Engineer, depth to the nearest groundwater in this area is 430 feet below grade surface (BGS). According to the United States Geological Survey well water data, depth to the nearest groundwater in this area is 164 feet BGS. 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'	600 mg/kg	100 mg/kg		50 mg/kg	10 mg/kg
51-100'	10,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg
>100'	20,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg

Reference Figure 2 for a Topographic Map.

Release Information

NAB1636456292: On December 16, 2016, Due to frigid weather the Back pressure valve on the gas sales line became plugged causing the gas to vent into the Produced water tank resulting in 50 BBLS produced water to be released into dirt containment. All wells on this lease were shut in to prevent further release. Approximately 50 BBLS produced water was released from the Produced water tank due to the Back pressure valve on the gas sales line being plugged. All the 50 BBLS produced water went into dirt containment and 50 BBLS produced water remained inside the dirt containment. Vacuum truck recovered approximately 40 BBLS of the released produced water. Environmental agency will be contacted for remediation.

Site Assessment and Liner Inspection

On June 24, 2020, Pima Environmental personnel conducted a site assessment collecting soil samples from the spill area inside and around the earthen berm containment. The laboratory results from this sampling event can be found in the following data table. A Site Map can be found in Figure 4.

6-24-20 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 50-100')								
Raybaw Operating - Watkins 32 State #1								
Date: 6-24-20		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	ND	ND	ND	1400
	1	ND	ND	ND	ND	ND	ND	170
	2	ND	ND	ND	ND	ND	ND	320
	3	ND	ND	ND	ND	ND	ND	490
S-2	0-6"	ND	ND	ND	31	54	85	70
	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	ND
	3'	ND	ND	ND	ND	ND	ND	ND
S-3	0-6"	ND	ND	ND	ND	ND	ND	896
	1	ND	ND	ND	ND	ND	ND	608
	2	ND	ND	ND	ND	ND	ND	512
	3	ND	ND	ND	ND	ND	ND	98
S-4	0-6"	ND	ND	ND	ND	ND	ND	ND
	1	ND	ND	ND	ND	ND	ND	ND
	2	ND	ND	ND	ND	ND	ND	ND
	3	ND	ND	ND	ND	ND	ND	ND
S-5	0-6"	ND	ND	ND	ND	ND	ND	460
	1	ND	ND	ND	ND	ND	ND	76
	2	ND	ND	ND	62	240	302	120
	3	ND	ND	ND	55	190	245	ND
S-6	0-6"	ND	ND	ND	170	350	520	ND
	1	ND	ND	ND	120	270	390	200
	2	ND	ND	ND	ND	ND	ND	99
	3	ND	ND	ND	ND	ND	ND	90
S-7	0-6"	ND	ND	ND	15	ND	15	450
	1	ND	ND	ND	ND	ND	ND	ND
	2	ND	ND	ND	28	93	121	71
	3	ND	ND	ND	16	50	66	100
BG-1	0-6"	ND	ND	ND	ND	ND	ND	ND
BG-2	0-6"	ND	ND	ND	ND	ND	ND	73
BG-3	0-6"	ND	ND	ND	ND	ND	ND	ND
BG-4	0-6"	ND	ND	ND	ND	ND	ND	ND
BG-5	0-6"	ND	ND	ND	ND	ND	ND	ND

ND – Analyte Not Detected

Remediation Activities

On January 18, 2022, Pima and Hungry Horse personnel mobilized a drilling unit to the site to install a ground water borehole to prove the absence of ground water at this location. The hole was drilled to approximately 51' bgs and a PVC casing was installed. This was left for over 72 hours. Photographic Documentation can be found in Appendix D.

On January 23, 2022, Hungry Horse personnel returned to the site to check the hole and verify the absence of ground water. No signs of water or saturation were encountered. The Drilling Log for this event can be found in Figure 5.

Closure Request

After careful review, the previously collected samples are below the closure criteria according to Table 1 of NMAC 19.15.29. Pima, on behalf of Raybaw, requests that this incident, NAB1636456292 be closed. Raybaw has complied with the applicable closure requirements.

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

Tom Bynum w/Pima Environmental at 580-748-1613 or tom@pimaoil.com

Nancy Winn w/Raybaw Operating at 281-793-5452 or nwinn@sbcglobal.net

Attachments

Figures:

- 1- Location Map
- 2- Topographic Map
- 3- Karst Map
- 4- Site Map
- 5- Drilling Log

Appendices:

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



Pima Environmental Services

Figures:

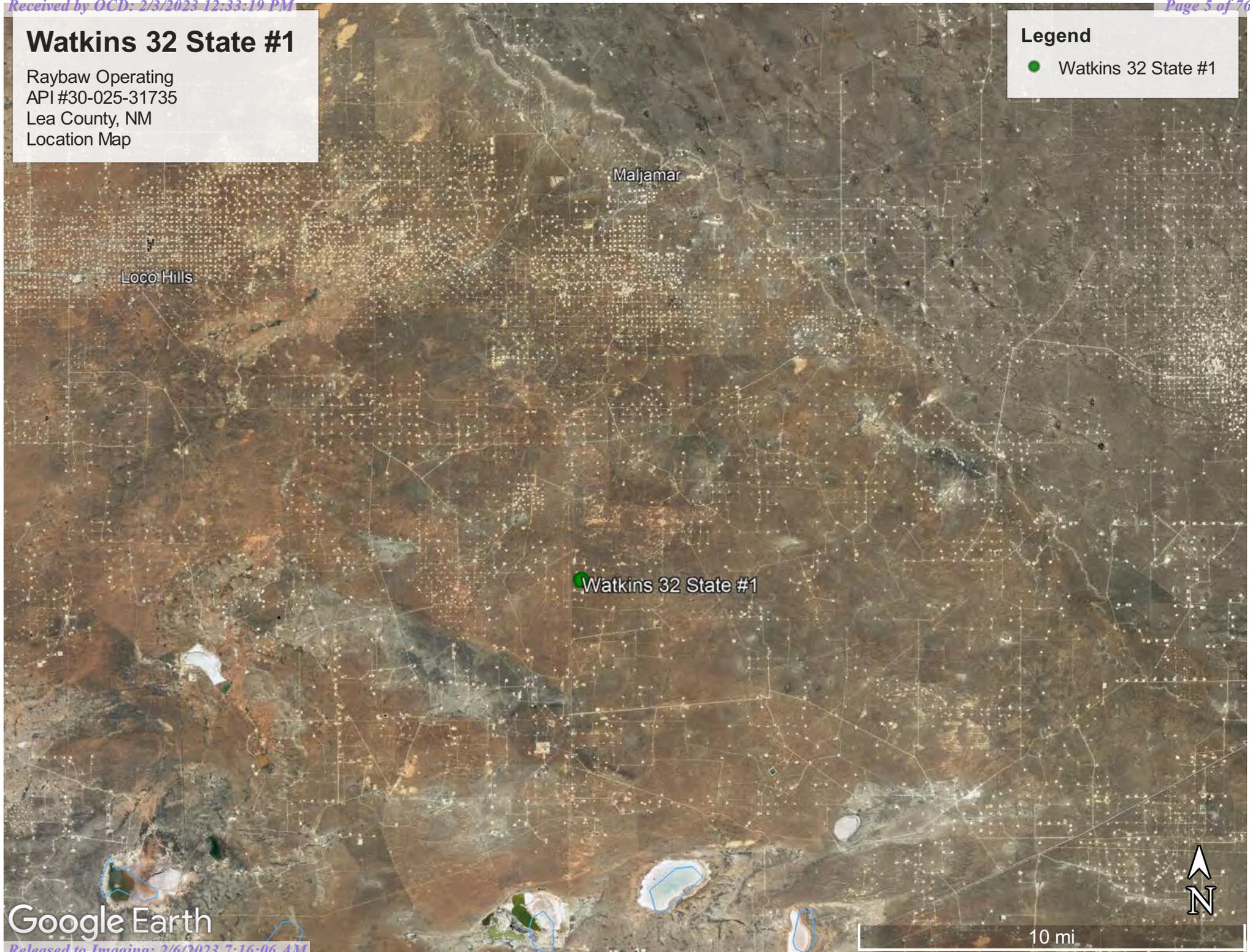
- 1 - Location Map
- 2 - Topographic Map
- 3 - Karst Map
- 4 - Site Map
- 5 - Drilling Log

Watkins 32 State #1

Raybaw Operating
API #30-025-31735
Lea County, NM
Location Map

Legend

- Watkins 32 State #1



Google Earth

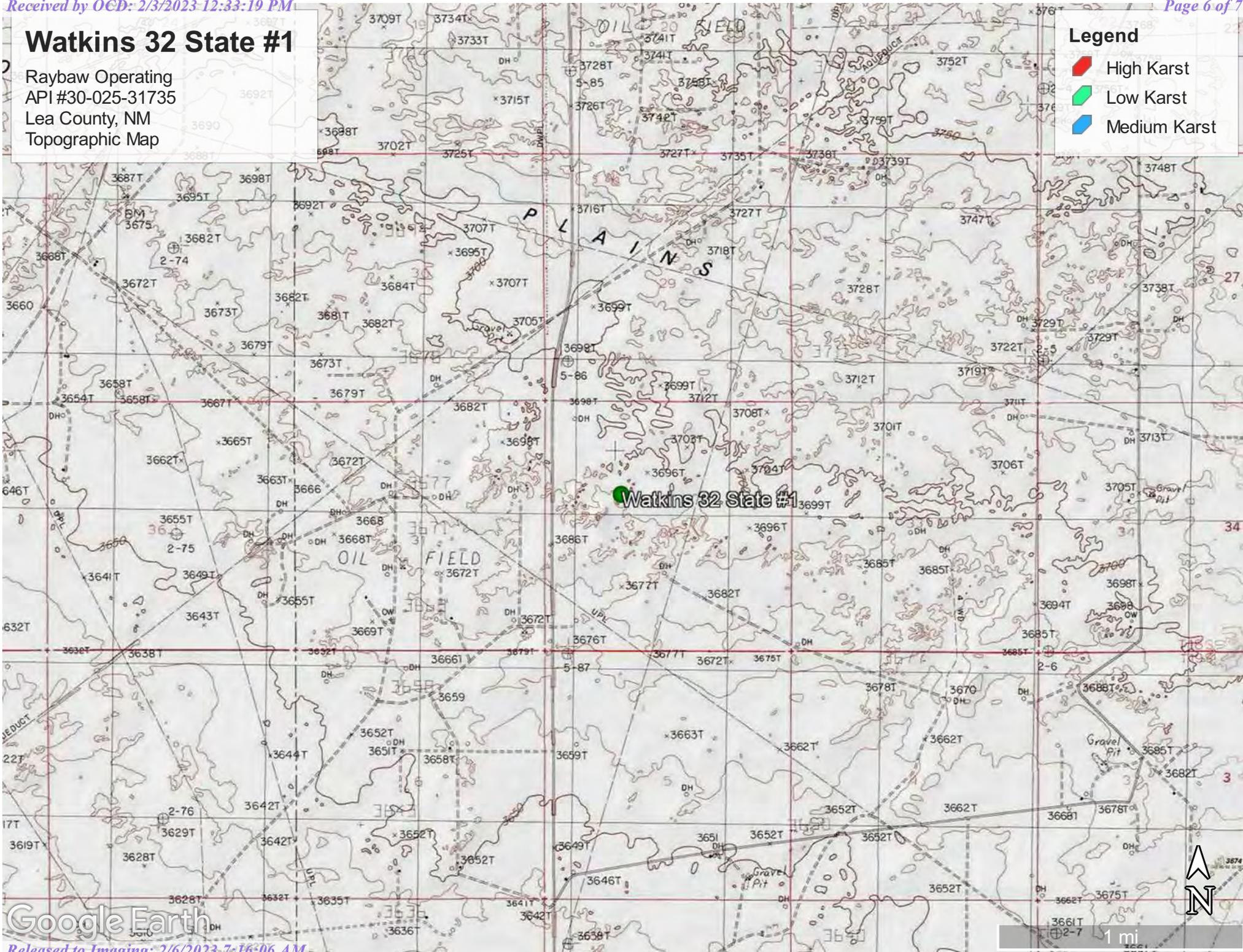


Watkins 32 State #1

Raybow Operating
API #30-025-31735
Lea County, NM
Topographic Map

Legend

- High Karst
- Low Karst
- Medium Karst



Google Earth

Watkins 32 State #1

Raybaw Operating
API #30-025-31735
Lea County, NM
Karst Map

Legend

-  High Karst
-  Low Karst
-  Medium Karst



Watkins 32 State #1

Google Earth



Watkins 32 State #1

Raybaw Operating
API 30-025-31735
Lea County, NM
Site Map

Legend

-  Samples
-  Spill Area
-  Watkins 32 St #1



Watkins 32 St #1

S-1

S-2

S-3

BG-5

S-4

S-7

S-6

S-5

BG-4

BG-1

BG-2

BG-3



Drilling/Boring Log				
Driller Information		Location Information		Date: 1/18/2023
Hungry Horse, LLC.		Watkins 32 State #1		Driller: Daniel Dominguez
3709 S Eunice HWY, PO BOX 1058		API #: 30-025-31735		Rig Type: Truck-mounted rotary
Hobbs, NM 88241		ULSTR: F-32-18S-32E		Bit Size: 3-1/2"
		Lat: 32.7058411		Drilling Method: Air rotary
License #: 1755		Long: -103.7917099		Sample Method: Disposable Bailer
Sample Collected	Sample Interval (ft)	Composition %	Sample Material/Comments Include composition, color, grain size, moisture, hardness, plasticity, density	Hydrocarbon Odor
X	0 - 10		Red sand	None
X	10 - 20		Caliche	None
X	20 - 40		Red Sand	None
X	40 - 47		Sand/rock mix	None
X	47 - 51		White rock	None
Surface Elevation <u>3700.8 ft</u>				
Notes: TD @ 51' - Ground water not encountered at any time during or after 72 hours				



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Appendix A

Water Surveys:

OSE

USGS

Surface Water Map



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Q Sec	Tws	Rng	X	Y	Distance	WellDepth	Water Column
CP 00677		CP	LE	1	1	26	18S	32E		617750	3621373*	4944	700	
CP 00849 POD1		CP	LE	3	1	3	35	18S	31E	608012	3618757*	5269	300	
CP 01656 POD2		CP	LE	3	4	3	17	19S	32E	613364	3613648	5674	70	
CP 01656 POD1		CP	LE	3	4	3	17	19S	32E	613368	3613646	5676	70	
CP 00672		CP	LE	4	4	07	18S	32E		612475	3624947*	5678	524	430 94
CP 00672 CLW475398	O	CP	LE	4	4	07	18S	32E		612475	3624947*	5678	540	460 80
CP 01656 POD3		CP	LE	3	4	3	17	19S	32E	613374	3613633	5689	30	
CP 00563 POD1		CP	LE	1	1	2	19	19S	32E	612118	3613376*	6052	300	
CP 00640 POD1		CP	LE	2	2	19	19S	32E		612621	3613280*	6074	260	102 158
CP 00639 POD1		CP	LE	3	1	20	19S	32E		613029	3612880*	6445	350	345 5
CP 00814 POD1		CP	LE	2	2	08	18S	32E		614074	3626168*	6895	480	

Average Depth to Water: **334 feet**
 Minimum Depth: **102 feet**
 Maximum Depth: **460 feet**

Record Count: 11

UTMNAD83 Radius Search (in meters):

Easting (X): 613250.88

Northing (Y): 3619321.92

Radius: 7000

*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.

1/20/23 10:19 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER



USGS Home
Contact USGS
Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category:

Groundwater

Geographic Area:

United States

GO

Click to hide News Bulletins

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

Groundwater levels for the Nation

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

Search Results -- 1 sites found

site_no list =

- 324356103471601

Minimum number of levels = 1

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

USGS 324356103471601 18S.32E.20.14411

Available data for this site

Groundwater: Field measurements

GO

Lea County, New Mexico

Hydrologic Unit Code 13060011

Latitude 32°43'56", Longitude 103°47'16" NAD27

Land-surface elevation 3,746 feet above NAVD88

The depth of the well is 270 feet below land surface.

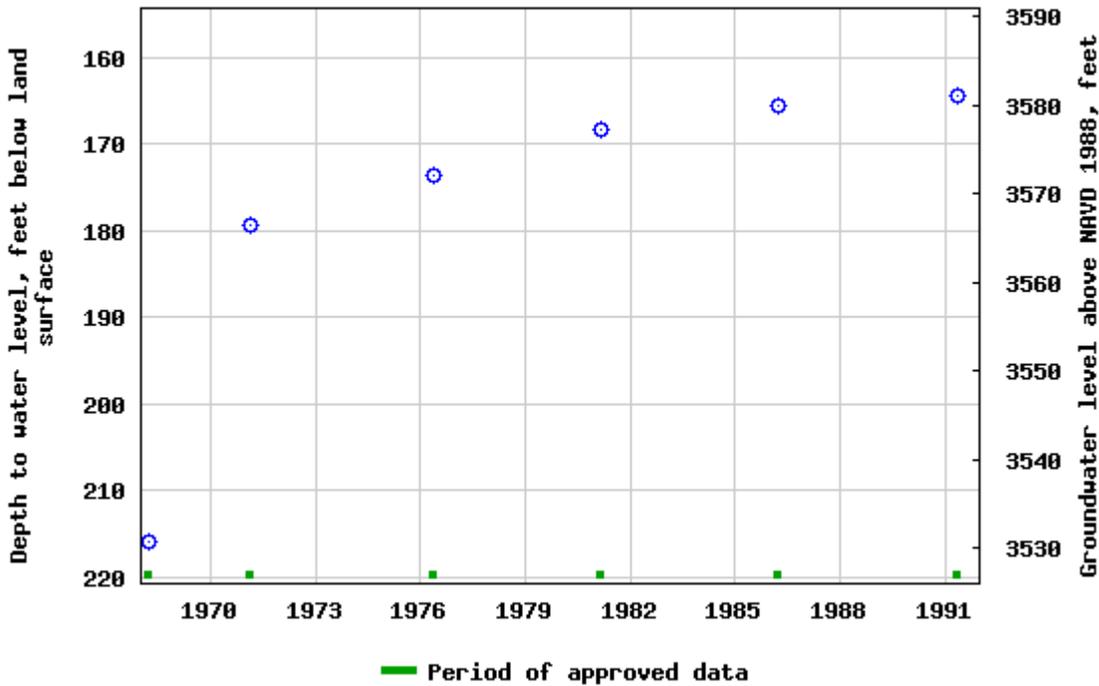
This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Chinle Formation (231CHNL) local aquifer.

Output formats

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

USGS 324356103471601 18S.32E.20.14411



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

- [Questions about sites/data?](#)
- [Feedback on this web site](#)
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- [Help](#)
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[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)

Title: Groundwater for USA: Water Levels

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



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

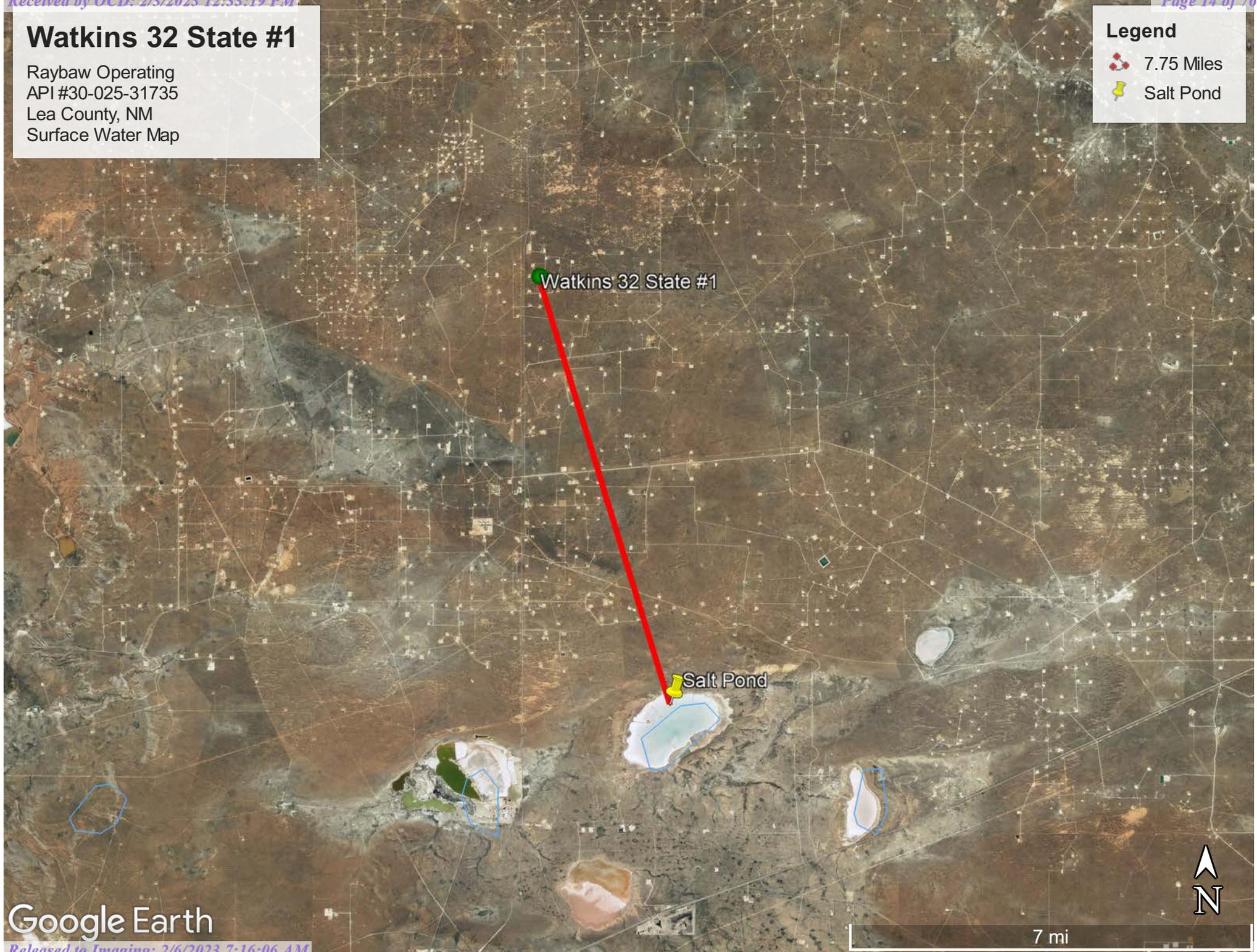
Page Last Modified: 2023-01-20 12:20:38 EST

0.57 0.49 nadww01

Watkins 32 State #1
Raybaw Operating
API #30-025-31735
Lea County, NM
Surface Water Map

Legend

-  7.75 Miles
-  Salt Pond



Google Earth

7 mi





Pima Environmental Services

Appendix B

Soil Survey & Geological Data

FEMA Flood Map

Wetlands Map

Map Unit Description: Kermit soils and Dune land, 0 to 12 percent slopes---Lea County, New Mexico

Lea County, New Mexico

KM—Kermit soils and Dune land, 0 to 12 percent slopes

Map Unit Setting

National map unit symbol: dmpx
Elevation: 3,000 to 4,400 feet
Mean annual precipitation: 10 to 15 inches
Mean annual air temperature: 60 to 62 degrees F
Frost-free period: 190 to 205 days
Farmland classification: Not prime farmland

Map Unit Composition

Kermit and similar soils: 46 percent
Dune land: 44 percent
Minor components: 10 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Kermit

Setting

Landform: Dunes
Landform position (two-dimensional): Shoulder, backslope, footslope
Landform position (three-dimensional): Side slope
Down-slope shape: Convex, linear, concave
Across-slope shape: Convex
Parent material: Calcareous sandy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 8 inches: fine sand
C - 8 to 60 inches: fine sand

Properties and qualities

Slope: 5 to 12 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Excessively drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): Very high (20.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 3 percent
Gypsum, maximum content: 1 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: Low (about 3.1 inches)

Map Unit Description: Kermit soils and Dune land, 0 to 12 percent slopes---Lea County, New Mexico

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 7e

Hydrologic Soil Group: A

Ecological site: R070BC022NM - Sandhills

Hydric soil rating: No

Description of Dune Land

Setting

Landform: Dunes

Landform position (two-dimensional): Shoulder, backslope, footslope

Landform position (three-dimensional): Side slope

Down-slope shape: Convex, linear, concave

Across-slope shape: Convex

Parent material: Sandy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 6 inches: fine sand

C - 6 to 60 inches: fine sand

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 8

Hydrologic Soil Group: A

Hydric soil rating: No

Minor Components

Palomas

Percent of map unit: 3 percent

Ecological site: R070BD003NM - Loamy Sand

Hydric soil rating: No

Pyote

Percent of map unit: 3 percent

Ecological site: R070BD003NM - Loamy Sand

Hydric soil rating: No

Wink

Percent of map unit: 2 percent

Ecological site: R070BD003NM - Loamy Sand

Hydric soil rating: No

Maljamar

Percent of map unit: 2 percent

Ecological site: R070BD003NM - Loamy Sand

Map Unit Description: Kermit soils and Dune land, 0 to 12 percent slopes---Lea County, New Mexico

Hydric soil rating: No

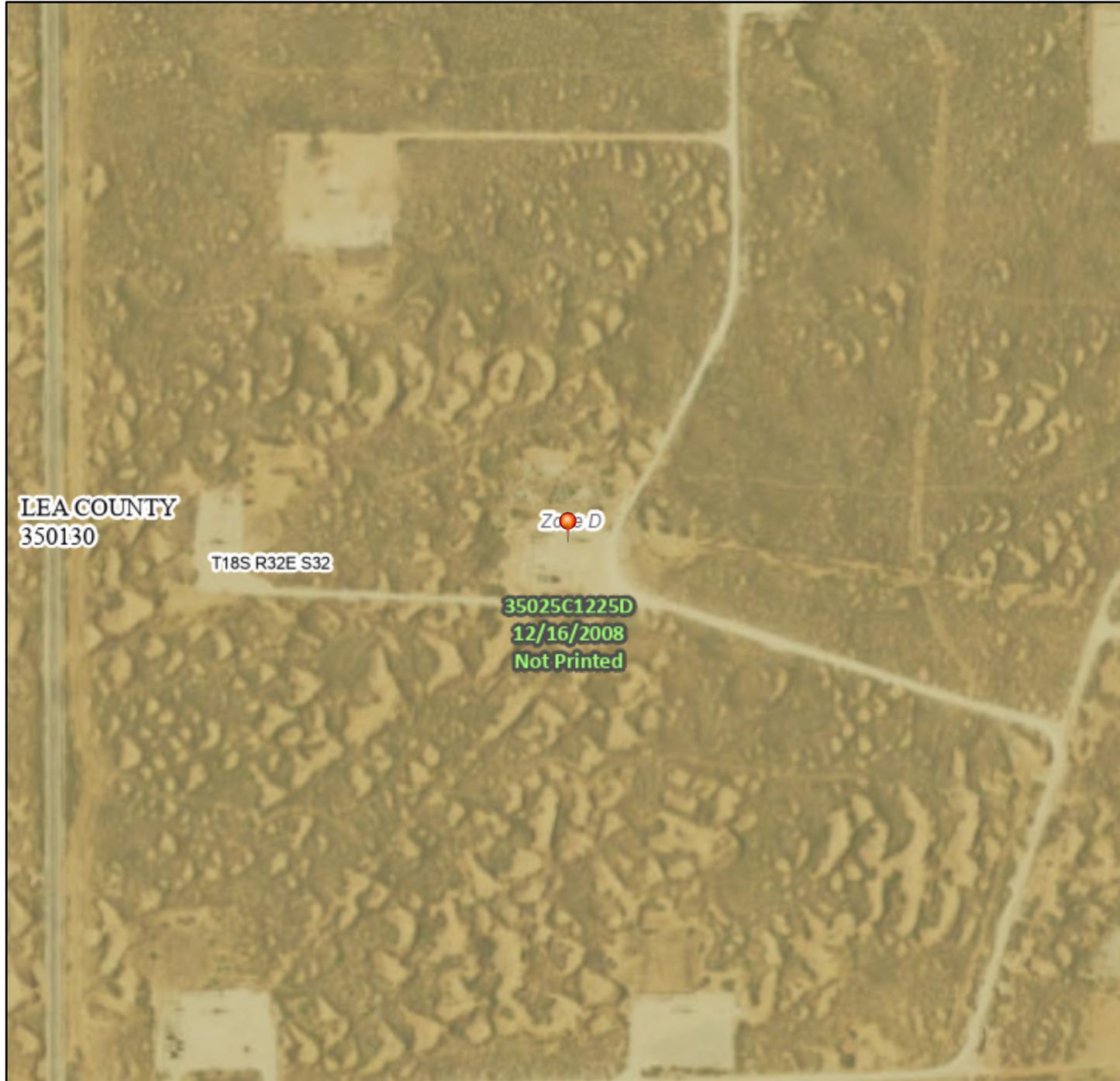
Data Source Information

Soil Survey Area: Lea County, New Mexico
Survey Area Data: Version 19, Sep 8, 2022

National Flood Hazard Layer FIRMette



103°47'49"W 32°42'36"N



Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) <i>Zone A, V, A99</i>
		With BFE or Depth <i>Zone AE, AO, AH, VE, AR</i>
		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 <i>Zone X</i>
		Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i>
		Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone X</i>
		Area with Flood Risk due to Levee <i>Zone D</i>

OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard <i>Zone X</i>
		Effective LOMRs
		Area of Undetermined Flood Hazard <i>Zone D</i>

GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall

OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance
		17.5 Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature

MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



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

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 1/20/2023 at 12:27 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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



Wetlands Map



January 20, 2023

Wetlands

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

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



Pima Environmental Services

Appendix C

C-141 Form

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

NM OIL CONSERVATION

ARTESIA DISTRICT

Form C-141
Revised August 8, 2011

DEC 22 2016

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

RECEIVED

Release Notification and Corrective Action

DAB10364510292 OPERATOR Initial Report Final Report

Name of Company Devon Energy Production Company *6137* Contact Danny Velo, Production Foreman

Address 6488 Seven Rivers Hwy Artesia, NM 88210 Telephone No. 575-703-3360

Facility Name Watkins 32 State #1 Facility Type Oil

Surface Owner State Mineral Owner State API No 30-025-31735

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
F	32	18S	32E	1980	North	1650	West	Lea

Latitude: 32.7058411 Longitude: -103.7917099

NATURE OF RELEASE

Type of Release Produced Water	Volume of Release 50 BBLS PW	Volume Recovered 40 BBLS PW
Source of Release Produced water tank	Date and Hour of Occurrence 12/16/2016 @ 11:45pm	Date and Hour of Discovery 12/16/2016 @ 6:50am
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? OCD-Kristen Lynch BLM-Jim Amos	
By Whom? Hub Perry, Night Production Foreman	Date and Hour OCD- 12/17/2016 @ 1:01am BLM- 12/17/2016 @ 12:59am	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse N/A	

If a Watercourse was Impacted, Describe Fully.* N/A

Describe Cause of Problem and Remedial Action Taken.*

Due to frigid weather the Back pressure valve on the gas sales line became plugged causing the gas to vent into the Produced water tank resulting in 50 BBLS produced water to be released into dirt containment. All wells on this lease were shut in to prevent further release.

Describe Area Affected and Cleanup Action Taken.*

Approximately 50 BBLS produced water was released from the Produced water tank due to the Back pressure valve on the gas sales line being plugged. All the 50 BBLS produced water went into dirt containment and 50 BBLS produced water remained inside the dirt containment. Vacuum truck recovered approximately 40 BBLS of the released produced water. Environmental agency will be contacted for remediation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

Signature: <i>Sarah Gallegos-Troublefield</i>	OIL CONSERVATION DIVISION	
Printed Name: Sarah Gallegos-Troublefield	Approved by Environmental Specialist: <i>[Signature]</i>	
Title: Field Admin Support	Approval Date: <i>12/29/16</i>	Expiration Date: <i>N/A</i>
E-mail Address: Sarah.Gallegos-Troublefield@dvn.com	Conditions of Approval: <i>see attached</i>	Attached <input checked="" type="checkbox"/>
Date: 12/21/2016 Phone: 575.748.1864		

* Attach Additional Sheets If Necessary

IRP-4535

Form C-141
Page 3

State of New Mexico
Oil Conservation Division

Incident ID	nAB1636456292
District RP	1RP-4535
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 1/2-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.

Form C-141

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	nAB1636456292
District RP	1RP-4535
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: Nancy J. Winn Title: Geoscience Analyst
 Signature: *Nancy J. Winn* Date: 2/2/2023
 email: nwinna@sbglobal.net Telephone: 281-793-5452

OCD Only

Received by: Jocelyn Harimon Date: 02/03/2023

Form C-141

State of New Mexico
Oil Conservation Division

Page 6

Incident ID	nAB1636456292
District RP	1RP-4535
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: Nancy J. Winn Title: Geoscience Analyst
 Signature: *Nancy J. Winn* Date: 2/2/2023
 email: nwinno@sbceglobal.net Telephone: 281-793-5452

OCD Only

Received by: Jocelyn Harimon Date: 02/03/2023

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: *Brittany Hall* Date: 2/6/2023
 Printed Name: Brittany Hall Title: Environmental Specialist



Pima Environmental Services

Appendix D

Photographic Documentation



+32.705793,-103.791619
 Lea County
 Raybaw Operating
 Watkins 32 St #1
 Borehole



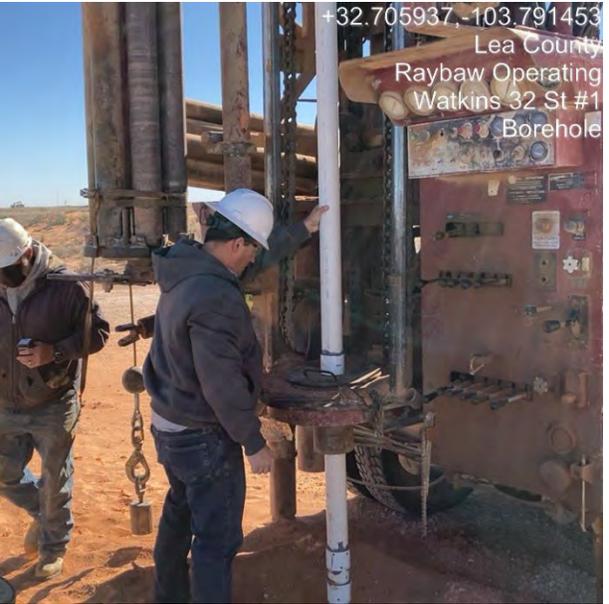
+32.705850,-103.791541
 Lea County
 Raybaw Operating
 Watkins 32 St #1
 Borehole



+32.705889,-103.791297
 Lea County
 Raybaw Operating
 Watkins 32 St #1
 Borehole



+32.705826,-103.791406
 Lea County
 Raybaw Operating
 Watkins 32 St #1
 Borehole





Hungry Horse, LLC
 3709 S. Hamce Hwy
 P.O. Box 1058 Hobbs, NM, 88241
 575-393-3386

ROTARY
 DRILLING RIG
 N.M. LIC # WD-1682

Drilling Log

Name Raybaw operating Date 1/18/23
 Address _____
 Well No. Watkins 30 state #1
 Depth 51'
 Perforation _____
 Rig Time _____
 Casing _____ Cementing _____ Total _____

FORMATION

From	To	Description
0	10	Red Sand
10	20	caliche
20	40	Red Sand
40	47	Sand rock mix
47	51	White rock



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

July 07, 2020

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

RE: Watkins 32 St #1

OrderNo.: 2006E00

Dear Chris Jones:

Hall Environmental Analysis Laboratory received 33 sample(s) on 6/26/2020 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 light blue horizontal line.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order **2006E00**

Date Reported: **7/7/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S-1, 0"-6"

Project: Watkins 32 St #1

Collection Date: 6/24/2020 8:30:00 AM

Lab ID: 2006E00-001

Matrix: SOIL

Received Date: 6/26/2020 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: BRM
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	6/29/2020 8:59:10 AM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/29/2020 8:59:10 AM
Surr: DNOP	95.2	55.1-146		%Rec	1	6/29/2020 8:59:10 AM
EPA METHOD 300.0: ANIONS						Analyst: CAS
Chloride	1400	59		mg/Kg	20	6/30/2020 8:31:30 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
Benzene	ND	0.024		mg/Kg	1	6/29/2020 6:32:18 PM
Toluene	ND	0.048		mg/Kg	1	6/29/2020 6:32:18 PM
Ethylbenzene	ND	0.048		mg/Kg	1	6/29/2020 6:32:18 PM
Xylenes, Total	ND	0.096		mg/Kg	1	6/29/2020 6:32:18 PM
Surr: 1,2-Dichloroethane-d4	107	70-130		%Rec	1	6/29/2020 6:32:18 PM
Surr: 4-Bromofluorobenzene	98.5	70-130		%Rec	1	6/29/2020 6:32:18 PM
Surr: Dibromofluoromethane	113	70-130		%Rec	1	6/29/2020 6:32:18 PM
Surr: Toluene-d8	102	70-130		%Rec	1	6/29/2020 6:32:18 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/30/2020 3:23:07 PM
Surr: BFB	96.0	70-130		%Rec	1	6/30/2020 3:23:07 PM

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 **2006E00**

Date Reported: **7/7/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S-1, 1'

Project: Watkins 32 St #1

Collection Date: 6/24/2020 8:32:00 AM

Lab ID: 2006E00-002

Matrix: SOIL

Received Date: 6/26/2020 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: BRM
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	6/29/2020 9:09:01 AM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	6/29/2020 9:09:01 AM
Surr: DNOP	154	55.1-146	S	%Rec	1	6/29/2020 9:09:01 AM
EPA METHOD 300.0: ANIONS						Analyst: CAS
Chloride	170	61		mg/Kg	20	6/30/2020 9:08:35 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
Benzene	ND	0.023		mg/Kg	1	6/29/2020 7:01:15 PM
Toluene	ND	0.047		mg/Kg	1	6/29/2020 7:01:15 PM
Ethylbenzene	ND	0.047		mg/Kg	1	6/29/2020 7:01:15 PM
Xylenes, Total	ND	0.093		mg/Kg	1	6/29/2020 7:01:15 PM
Surr: 1,2-Dichloroethane-d4	106	70-130		%Rec	1	6/29/2020 7:01:15 PM
Surr: 4-Bromofluorobenzene	94.6	70-130		%Rec	1	6/29/2020 7:01:15 PM
Surr: Dibromofluoromethane	113	70-130		%Rec	1	6/29/2020 7:01:15 PM
Surr: Toluene-d8	103	70-130		%Rec	1	6/29/2020 7:01:15 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/29/2020 7:01:15 PM
Surr: BFB	101	70-130		%Rec	1	6/29/2020 7:01:15 PM

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 **2006E00**

Date Reported: **7/7/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S-1, 2'

Project: Watkins 32 St #1

Collection Date: 6/24/2020 8:34:00 AM

Lab ID: 2006E00-003

Matrix: SOIL

Received Date: 6/26/2020 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: BRM
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	6/29/2020 9:18:55 AM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/29/2020 9:18:55 AM
Surr: DNOP	177	55.1-146	S	%Rec	1	6/29/2020 9:18:55 AM
EPA METHOD 300.0: ANIONS						Analyst: CAS
Chloride	320	60		mg/Kg	20	6/30/2020 9:20:56 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
Benzene	ND	0.024		mg/Kg	1	6/29/2020 7:30:05 PM
Toluene	ND	0.049		mg/Kg	1	6/29/2020 7:30:05 PM
Ethylbenzene	ND	0.049		mg/Kg	1	6/29/2020 7:30:05 PM
Xylenes, Total	ND	0.098		mg/Kg	1	6/29/2020 7:30:05 PM
Surr: 1,2-Dichloroethane-d4	107	70-130		%Rec	1	6/29/2020 7:30:05 PM
Surr: 4-Bromofluorobenzene	88.7	70-130		%Rec	1	6/29/2020 7:30:05 PM
Surr: Dibromofluoromethane	110	70-130		%Rec	1	6/29/2020 7:30:05 PM
Surr: Toluene-d8	102	70-130		%Rec	1	6/29/2020 7:30:05 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/29/2020 7:30:05 PM
Surr: BFB	94.8	70-130		%Rec	1	6/29/2020 7:30:05 PM

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 **2006E00**

Date Reported: **7/7/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S-1, 3'

Project: Watkins 32 St #1

Collection Date: 6/24/2020 8:36:00 AM

Lab ID: 2006E00-004

Matrix: SOIL

Received Date: 6/26/2020 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: BRM
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	6/29/2020 9:28:49 AM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/29/2020 9:28:49 AM
Surr: DNOP	176	55.1-146	S	%Rec	1	6/29/2020 9:28:49 AM
EPA METHOD 300.0: ANIONS						Analyst: CAS
Chloride	490	60		mg/Kg	20	6/30/2020 9:33:17 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
Benzene	ND	0.025		mg/Kg	1	6/29/2020 7:58:51 PM
Toluene	ND	0.050		mg/Kg	1	6/29/2020 7:58:51 PM
Ethylbenzene	ND	0.050		mg/Kg	1	6/29/2020 7:58:51 PM
Xylenes, Total	ND	0.099		mg/Kg	1	6/29/2020 7:58:51 PM
Surr: 1,2-Dichloroethane-d4	107	70-130		%Rec	1	6/29/2020 7:58:51 PM
Surr: 4-Bromofluorobenzene	94.1	70-130		%Rec	1	6/29/2020 7:58:51 PM
Surr: Dibromofluoromethane	109	70-130		%Rec	1	6/29/2020 7:58:51 PM
Surr: Toluene-d8	102	70-130		%Rec	1	6/29/2020 7:58:51 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/29/2020 7:58:51 PM
Surr: BFB	101	70-130		%Rec	1	6/29/2020 7:58:51 PM

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 **2006E00**

Date Reported: **7/7/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S-2, 0"-6"

Project: Watkins 32 St #1

Collection Date: 6/24/2020 8:38:00 AM

Lab ID: 2006E00-005

Matrix: SOIL

Received Date: 6/26/2020 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: BRM
Diesel Range Organics (DRO)	31	9.3		mg/Kg	1	6/29/2020 9:38:46 AM
Motor Oil Range Organics (MRO)	54	46		mg/Kg	1	6/29/2020 9:38:46 AM
Surr: DNOP	116	55.1-146		%Rec	1	6/29/2020 9:38:46 AM
EPA METHOD 300.0: ANIONS						Analyst: CAS
Chloride	70	60		mg/Kg	20	6/30/2020 9:45:38 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
Benzene	ND	0.023		mg/Kg	1	6/29/2020 8:27:33 PM
Toluene	ND	0.046		mg/Kg	1	6/29/2020 8:27:33 PM
Ethylbenzene	ND	0.046		mg/Kg	1	6/29/2020 8:27:33 PM
Xylenes, Total	ND	0.093		mg/Kg	1	6/29/2020 8:27:33 PM
Surr: 1,2-Dichloroethane-d4	110	70-130		%Rec	1	6/29/2020 8:27:33 PM
Surr: 4-Bromofluorobenzene	96.2	70-130		%Rec	1	6/29/2020 8:27:33 PM
Surr: Dibromofluoromethane	108	70-130		%Rec	1	6/29/2020 8:27:33 PM
Surr: Toluene-d8	102	70-130		%Rec	1	6/29/2020 8:27:33 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	6/29/2020 8:27:33 PM
Surr: BFB	98.7	70-130		%Rec	1	6/29/2020 8:27:33 PM

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 **2006E00**

Date Reported: **7/7/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S-2, 1'

Project: Watkins 32 St #1

Collection Date: 6/24/2020 8:40:00 AM

Lab ID: 2006E00-006

Matrix: SOIL

Received Date: 6/26/2020 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: BRM
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	6/29/2020 9:48:43 AM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/29/2020 9:48:43 AM
Surr: DNOP	146	55.1-146	S	%Rec	1	6/29/2020 9:48:43 AM
EPA METHOD 300.0: ANIONS						Analyst: CAS
Chloride	ND	60		mg/Kg	20	6/30/2020 9:57:59 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
Benzene	ND	0.024		mg/Kg	1	6/29/2020 8:56:14 PM
Toluene	ND	0.047		mg/Kg	1	6/29/2020 8:56:14 PM
Ethylbenzene	ND	0.047		mg/Kg	1	6/29/2020 8:56:14 PM
Xylenes, Total	ND	0.095		mg/Kg	1	6/29/2020 8:56:14 PM
Surr: 1,2-Dichloroethane-d4	103	70-130		%Rec	1	6/29/2020 8:56:14 PM
Surr: 4-Bromofluorobenzene	93.7	70-130		%Rec	1	6/29/2020 8:56:14 PM
Surr: Dibromofluoromethane	105	70-130		%Rec	1	6/29/2020 8:56:14 PM
Surr: Toluene-d8	103	70-130		%Rec	1	6/29/2020 8:56:14 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/29/2020 8:56:14 PM
Surr: BFB	95.7	70-130		%Rec	1	6/29/2020 8:56:14 PM

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 **2006E00**

Date Reported: **7/7/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S-2, 2'

Project: Watkins 32 St #1

Collection Date: 6/24/2020 8:42:00 AM

Lab ID: 2006E00-007

Matrix: SOIL

Received Date: 6/26/2020 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: BRM
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	6/29/2020 9:58:39 AM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/29/2020 9:58:39 AM
Surr: DNOP	155	55.1-146	S	%Rec	1	6/29/2020 9:58:39 AM
EPA METHOD 300.0: ANIONS						Analyst: CAS
Chloride	ND	60		mg/Kg	20	6/30/2020 10:35:01 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
Benzene	ND	0.024		mg/Kg	1	6/29/2020 9:24:58 PM
Toluene	ND	0.049		mg/Kg	1	6/29/2020 9:24:58 PM
Ethylbenzene	ND	0.049		mg/Kg	1	6/29/2020 9:24:58 PM
Xylenes, Total	ND	0.098		mg/Kg	1	6/29/2020 9:24:58 PM
Surr: 1,2-Dichloroethane-d4	108	70-130		%Rec	1	6/29/2020 9:24:58 PM
Surr: 4-Bromofluorobenzene	95.2	70-130		%Rec	1	6/29/2020 9:24:58 PM
Surr: Dibromofluoromethane	106	70-130		%Rec	1	6/29/2020 9:24:58 PM
Surr: Toluene-d8	103	70-130		%Rec	1	6/29/2020 9:24:58 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/29/2020 9:24:58 PM
Surr: BFB	98.4	70-130		%Rec	1	6/29/2020 9:24:58 PM

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 **2006E00**

Date Reported: **7/7/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S-2, 3'

Project: Watkins 32 St #1

Collection Date: 6/24/2020 8:44:00 AM

Lab ID: 2006E00-008

Matrix: SOIL

Received Date: 6/26/2020 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: BRM
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	6/29/2020 10:08:35 AM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/29/2020 10:08:35 AM
Surr: DNOP	143	55.1-146		%Rec	1	6/29/2020 10:08:35 AM
EPA METHOD 300.0: ANIONS						Analyst: CAS
Chloride	ND	60		mg/Kg	20	6/30/2020 10:47:22 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
Benzene	ND	0.023		mg/Kg	1	6/29/2020 9:53:35 PM
Toluene	ND	0.047		mg/Kg	1	6/29/2020 9:53:35 PM
Ethylbenzene	ND	0.047		mg/Kg	1	6/29/2020 9:53:35 PM
Xylenes, Total	ND	0.093		mg/Kg	1	6/29/2020 9:53:35 PM
Surr: 1,2-Dichloroethane-d4	105	70-130		%Rec	1	6/29/2020 9:53:35 PM
Surr: 4-Bromofluorobenzene	95.3	70-130		%Rec	1	6/29/2020 9:53:35 PM
Surr: Dibromofluoromethane	103	70-130		%Rec	1	6/29/2020 9:53:35 PM
Surr: Toluene-d8	105	70-130		%Rec	1	6/29/2020 9:53:35 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/29/2020 9:53:35 PM
Surr: BFB	98.5	70-130		%Rec	1	6/29/2020 9:53:35 PM

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 **2006E00**

Date Reported: **7/7/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S-3, 0"-6"

Project: Watkins 32 St #1

Collection Date: 6/24/2020 8:46:00 AM

Lab ID: 2006E00-009

Matrix: SOIL

Received Date: 6/26/2020 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: BRM
Diesel Range Organics (DRO)	ND	8.9		mg/Kg	1	6/29/2020 10:18:36 AM
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	6/29/2020 10:18:36 AM
Surr: DNOP	141	55.1-146		%Rec	1	6/29/2020 10:18:36 AM
EPA METHOD 300.0: ANIONS						Analyst: CAS
Chloride	ND	59		mg/Kg	20	7/1/2020 3:48:51 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
Benzene	ND	0.024		mg/Kg	1	6/29/2020 10:22:09 PM
Toluene	ND	0.047		mg/Kg	1	6/29/2020 10:22:09 PM
Ethylbenzene	ND	0.047		mg/Kg	1	6/29/2020 10:22:09 PM
Xylenes, Total	ND	0.095		mg/Kg	1	6/29/2020 10:22:09 PM
Surr: 1,2-Dichloroethane-d4	110	70-130		%Rec	1	6/29/2020 10:22:09 PM
Surr: 4-Bromofluorobenzene	94.3	70-130		%Rec	1	6/29/2020 10:22:09 PM
Surr: Dibromofluoromethane	108	70-130		%Rec	1	6/29/2020 10:22:09 PM
Surr: Toluene-d8	102	70-130		%Rec	1	6/29/2020 10:22:09 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/29/2020 10:22:09 PM
Surr: BFB	95.3	70-130		%Rec	1	6/29/2020 10:22:09 PM

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 **2006E00**

Date Reported: **7/7/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S-3, 1'

Project: Watkins 32 St #1

Collection Date: 6/24/2020 8:48:00 AM

Lab ID: 2006E00-010

Matrix: SOIL

Received Date: 6/26/2020 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: BRM
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	6/29/2020 10:28:36 AM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/29/2020 10:28:36 AM
Surr: DNOP	130	55.1-146		%Rec	1	6/29/2020 10:28:36 AM
EPA METHOD 300.0: ANIONS						Analyst: CAS
Chloride	ND	60		mg/Kg	20	7/1/2020 4:01:15 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
Benzene	ND	0.024		mg/Kg	1	6/29/2020 10:50:40 PM
Toluene	ND	0.049		mg/Kg	1	6/29/2020 10:50:40 PM
Ethylbenzene	ND	0.049		mg/Kg	1	6/29/2020 10:50:40 PM
Xylenes, Total	ND	0.097		mg/Kg	1	6/29/2020 10:50:40 PM
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	1	6/29/2020 10:50:40 PM
Surr: 4-Bromofluorobenzene	96.4	70-130		%Rec	1	6/29/2020 10:50:40 PM
Surr: Dibromofluoromethane	107	70-130		%Rec	1	6/29/2020 10:50:40 PM
Surr: Toluene-d8	100	70-130		%Rec	1	6/29/2020 10:50:40 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/29/2020 10:50:40 PM
Surr: BFB	95.9	70-130		%Rec	1	6/29/2020 10:50:40 PM

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 **2006E00**

Date Reported: **7/7/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S-3, 2'

Project: Watkins 32 St #1

Collection Date: 6/24/2020 8:50:00 AM

Lab ID: 2006E00-011

Matrix: SOIL

Received Date: 6/26/2020 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: BRM
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	6/29/2020 10:38:38 AM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/29/2020 10:38:38 AM
Surr: DNOP	138	55.1-146		%Rec	1	6/29/2020 10:38:38 AM
EPA METHOD 300.0: ANIONS						Analyst: CAS
Chloride	88	60		mg/Kg	20	7/1/2020 4:38:30 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
Benzene	ND	0.025		mg/Kg	1	6/30/2020 1:13:22 AM
Toluene	ND	0.050		mg/Kg	1	6/30/2020 1:13:22 AM
Ethylbenzene	ND	0.050		mg/Kg	1	6/30/2020 1:13:22 AM
Xylenes, Total	ND	0.10		mg/Kg	1	6/30/2020 1:13:22 AM
Surr: 1,2-Dichloroethane-d4	102	70-130		%Rec	1	6/30/2020 1:13:22 AM
Surr: 4-Bromofluorobenzene	94.6	70-130		%Rec	1	6/30/2020 1:13:22 AM
Surr: Dibromofluoromethane	102	70-130		%Rec	1	6/30/2020 1:13:22 AM
Surr: Toluene-d8	102	70-130		%Rec	1	6/30/2020 1:13:22 AM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/30/2020 1:13:22 AM
Surr: BFB	98.3	70-130		%Rec	1	6/30/2020 1:13:22 AM

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 **2006E00**

Date Reported: **7/7/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S-3, 3'

Project: Watkins 32 St #1

Collection Date: 6/24/2020 8:52:00 AM

Lab ID: 2006E00-012

Matrix: SOIL

Received Date: 6/26/2020 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: BRM
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	6/29/2020 10:48:41 AM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/29/2020 10:48:41 AM
Surr: DNOP	124	55.1-146		%Rec	1	6/29/2020 10:48:41 AM
EPA METHOD 300.0: ANIONS						Analyst: CAS
Chloride	98	60		mg/Kg	20	7/1/2020 4:50:54 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
Benzene	ND	0.024		mg/Kg	1	6/30/2020 1:42:06 AM
Toluene	ND	0.049		mg/Kg	1	6/30/2020 1:42:06 AM
Ethylbenzene	ND	0.049		mg/Kg	1	6/30/2020 1:42:06 AM
Xylenes, Total	ND	0.097		mg/Kg	1	6/30/2020 1:42:06 AM
Surr: 1,2-Dichloroethane-d4	106	70-130		%Rec	1	6/30/2020 1:42:06 AM
Surr: 4-Bromofluorobenzene	92.7	70-130		%Rec	1	6/30/2020 1:42:06 AM
Surr: Dibromofluoromethane	108	70-130		%Rec	1	6/30/2020 1:42:06 AM
Surr: Toluene-d8	104	70-130		%Rec	1	6/30/2020 1:42:06 AM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/30/2020 1:42:06 AM
Surr: BFB	98.5	70-130		%Rec	1	6/30/2020 1:42:06 AM

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 **2006E00**

Date Reported: **7/7/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S-4, 0"-6"

Project: Watkins 32 St #1

Collection Date: 6/24/2020 8:54:00 AM

Lab ID: 2006E00-013

Matrix: SOIL

Received Date: 6/26/2020 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: BRM
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	6/29/2020 10:58:45 AM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/29/2020 10:58:45 AM
Surr: DNOP	109	55.1-146		%Rec	1	6/29/2020 10:58:45 AM
EPA METHOD 300.0: ANIONS						Analyst: CAS
Chloride	ND	60		mg/Kg	20	7/1/2020 5:03:18 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
Benzene	ND	0.024		mg/Kg	1	6/30/2020 2:10:45 AM
Toluene	ND	0.047		mg/Kg	1	6/30/2020 2:10:45 AM
Ethylbenzene	ND	0.047		mg/Kg	1	6/30/2020 2:10:45 AM
Xylenes, Total	ND	0.095		mg/Kg	1	6/30/2020 2:10:45 AM
Surr: 1,2-Dichloroethane-d4	106	70-130		%Rec	1	6/30/2020 2:10:45 AM
Surr: 4-Bromofluorobenzene	90.7	70-130		%Rec	1	6/30/2020 2:10:45 AM
Surr: Dibromofluoromethane	105	70-130		%Rec	1	6/30/2020 2:10:45 AM
Surr: Toluene-d8	104	70-130		%Rec	1	6/30/2020 2:10:45 AM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/30/2020 2:10:45 AM
Surr: BFB	99.3	70-130		%Rec	1	6/30/2020 2:10:45 AM

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 **2006E00**

Date Reported: **7/7/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S-4, 1'

Project: Watkins 32 St #1

Collection Date: 6/24/2020 8:56:00 AM

Lab ID: 2006E00-014

Matrix: SOIL

Received Date: 6/26/2020 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: CLP
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	6/30/2020 5:19:16 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/30/2020 5:19:16 PM
Surr: DNOP	86.2	55.1-146		%Rec	1	6/30/2020 5:19:16 PM
EPA METHOD 300.0: ANIONS						Analyst: CAS
Chloride	ND	60		mg/Kg	20	7/1/2020 5:15:42 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
Benzene	ND	0.025		mg/Kg	1	7/1/2020 4:42:20 AM
Toluene	ND	0.049		mg/Kg	1	7/1/2020 4:42:20 AM
Ethylbenzene	ND	0.049		mg/Kg	1	7/1/2020 4:42:20 AM
Xylenes, Total	ND	0.099		mg/Kg	1	7/1/2020 4:42:20 AM
Surr: 1,2-Dichloroethane-d4	108	70-130		%Rec	1	7/1/2020 4:42:20 AM
Surr: 4-Bromofluorobenzene	92.3	70-130		%Rec	1	7/1/2020 4:42:20 AM
Surr: Dibromofluoromethane	106	70-130		%Rec	1	7/1/2020 4:42:20 AM
Surr: Toluene-d8	102	70-130		%Rec	1	7/1/2020 4:42:20 AM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/1/2020 4:42:20 AM
Surr: BFB	96.6	70-130		%Rec	1	7/1/2020 4:42:20 AM

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 **2006E00**

Date Reported: **7/7/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S-4, 2'

Project: Watkins 32 St #1

Collection Date: 6/24/2020 8:58:00 AM

Lab ID: 2006E00-015

Matrix: SOIL

Received Date: 6/26/2020 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: CLP
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	6/30/2020 5:49:42 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/30/2020 5:49:42 PM
Surr: DNOP	110	55.1-146		%Rec	1	6/30/2020 5:49:42 PM
EPA METHOD 300.0: ANIONS						Analyst: CAS
Chloride	ND	60		mg/Kg	20	7/1/2020 5:28:07 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
Benzene	ND	0.024		mg/Kg	1	7/1/2020 6:07:49 AM
Toluene	ND	0.048		mg/Kg	1	7/1/2020 6:07:49 AM
Ethylbenzene	ND	0.048		mg/Kg	1	7/1/2020 6:07:49 AM
Xylenes, Total	ND	0.097		mg/Kg	1	7/1/2020 6:07:49 AM
Surr: 1,2-Dichloroethane-d4	103	70-130		%Rec	1	7/1/2020 6:07:49 AM
Surr: 4-Bromofluorobenzene	90.4	70-130		%Rec	1	7/1/2020 6:07:49 AM
Surr: Dibromofluoromethane	103	70-130		%Rec	1	7/1/2020 6:07:49 AM
Surr: Toluene-d8	103	70-130		%Rec	1	7/1/2020 6:07:49 AM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/1/2020 6:07:49 AM
Surr: BFB	96.4	70-130		%Rec	1	7/1/2020 6:07:49 AM

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 **2006E00**

Date Reported: **7/7/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S-4, 3'

Project: Watkins 32 St #1

Collection Date: 6/24/2020 9:00:00 AM

Lab ID: 2006E00-016

Matrix: SOIL

Received Date: 6/26/2020 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: CLP
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	6/30/2020 5:59:57 PM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	6/30/2020 5:59:57 PM
Surr: DNOP	86.6	55.1-146		%Rec	1	6/30/2020 5:59:57 PM
EPA METHOD 300.0: ANIONS						Analyst: CAS
Chloride	ND	60		mg/Kg	20	7/1/2020 5:40:31 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
Benzene	ND	0.025		mg/Kg	1	7/1/2020 4:31:01 PM
Toluene	ND	0.049		mg/Kg	1	7/1/2020 4:31:01 PM
Ethylbenzene	ND	0.049		mg/Kg	1	7/1/2020 4:31:01 PM
Xylenes, Total	ND	0.099		mg/Kg	1	7/1/2020 4:31:01 PM
Surr: 1,2-Dichloroethane-d4	104	70-130		%Rec	1	7/1/2020 4:31:01 PM
Surr: 4-Bromofluorobenzene	92.4	70-130		%Rec	1	7/1/2020 4:31:01 PM
Surr: Dibromofluoromethane	111	70-130		%Rec	1	7/1/2020 4:31:01 PM
Surr: Toluene-d8	103	70-130		%Rec	1	7/1/2020 4:31:01 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/1/2020 4:31:01 PM
Surr: BFB	97.0	70-130		%Rec	1	7/1/2020 4:31:01 PM

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 **2006E00**

Date Reported: **7/7/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S-5, 0"-6"

Project: Watkins 32 St #1

Collection Date: 6/24/2020 9:02:00 AM

Lab ID: 2006E00-017

Matrix: SOIL

Received Date: 6/26/2020 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: CLP
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	6/30/2020 6:10:16 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/30/2020 6:10:16 PM
Surr: DNOP	96.0	55.1-146		%Rec	1	6/30/2020 6:10:16 PM
EPA METHOD 300.0: ANIONS						Analyst: CAS
Chloride	460	60		mg/Kg	20	7/1/2020 5:52:55 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
Benzene	ND	0.025		mg/Kg	1	7/1/2020 4:59:44 PM
Toluene	ND	0.050		mg/Kg	1	7/1/2020 4:59:44 PM
Ethylbenzene	ND	0.050		mg/Kg	1	7/1/2020 4:59:44 PM
Xylenes, Total	ND	0.099		mg/Kg	1	7/1/2020 4:59:44 PM
Surr: 1,2-Dichloroethane-d4	107	70-130		%Rec	1	7/1/2020 4:59:44 PM
Surr: 4-Bromofluorobenzene	92.8	70-130		%Rec	1	7/1/2020 4:59:44 PM
Surr: Dibromofluoromethane	112	70-130		%Rec	1	7/1/2020 4:59:44 PM
Surr: Toluene-d8	99.5	70-130		%Rec	1	7/1/2020 4:59:44 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/1/2020 4:59:44 PM
Surr: BFB	97.1	70-130		%Rec	1	7/1/2020 4:59:44 PM

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 **2006E00**

Date Reported: **7/7/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S-5, 1"

Project: Watkins 32 St #1

Collection Date: 6/24/2020 9:04:00 AM

Lab ID: 2006E00-018

Matrix: SOIL

Received Date: 6/26/2020 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: CLP
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	6/30/2020 6:20:37 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/30/2020 6:20:37 PM
Surr: DNOP	110	55.1-146		%Rec	1	6/30/2020 6:20:37 PM
EPA METHOD 300.0: ANIONS						Analyst: CAS
Chloride	76	60		mg/Kg	20	7/1/2020 5:35:32 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
Benzene	ND	0.024		mg/Kg	1	7/1/2020 5:28:29 PM
Toluene	ND	0.049		mg/Kg	1	7/1/2020 5:28:29 PM
Ethylbenzene	ND	0.049		mg/Kg	1	7/1/2020 5:28:29 PM
Xylenes, Total	ND	0.098		mg/Kg	1	7/1/2020 5:28:29 PM
Surr: 1,2-Dichloroethane-d4	110	70-130		%Rec	1	7/1/2020 5:28:29 PM
Surr: 4-Bromofluorobenzene	97.1	70-130		%Rec	1	7/1/2020 5:28:29 PM
Surr: Dibromofluoromethane	117	70-130		%Rec	1	7/1/2020 5:28:29 PM
Surr: Toluene-d8	101	70-130		%Rec	1	7/1/2020 5:28:29 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/1/2020 5:28:29 PM
Surr: BFB	99.4	70-130		%Rec	1	7/1/2020 5:28:29 PM

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 **2006E00**

Date Reported: **7/7/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S-5, 2'

Project: Watkins 32 St #1

Collection Date: 6/24/2020 9:06:00 AM

Lab ID: 2006E00-019

Matrix: SOIL

Received Date: 6/26/2020 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: CLP
Diesel Range Organics (DRO)	62	9.6		mg/Kg	1	7/1/2020 1:18:09 PM
Motor Oil Range Organics (MRO)	240	48		mg/Kg	1	7/1/2020 1:18:09 PM
Surr: DNOP	158	55.1-146	S	%Rec	1	7/1/2020 1:18:09 PM
EPA METHOD 300.0: ANIONS						Analyst: CAS
Chloride	120	60		mg/Kg	20	7/1/2020 6:37:16 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
Benzene	ND	0.025		mg/Kg	1	7/1/2020 5:57:15 PM
Toluene	ND	0.050		mg/Kg	1	7/1/2020 5:57:15 PM
Ethylbenzene	ND	0.050		mg/Kg	1	7/1/2020 5:57:15 PM
Xylenes, Total	ND	0.10		mg/Kg	1	7/1/2020 5:57:15 PM
Surr: 1,2-Dichloroethane-d4	104	70-130		%Rec	1	7/1/2020 5:57:15 PM
Surr: 4-Bromofluorobenzene	94.1	70-130		%Rec	1	7/1/2020 5:57:15 PM
Surr: Dibromofluoromethane	115	70-130		%Rec	1	7/1/2020 5:57:15 PM
Surr: Toluene-d8	99.8	70-130		%Rec	1	7/1/2020 5:57:15 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/1/2020 5:57:15 PM
Surr: BFB	98.6	70-130		%Rec	1	7/1/2020 5:57:15 PM

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 **2006E00**

Date Reported: **7/7/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S-5, 3'

Project: Watkins 32 St #1

Collection Date: 6/24/2020 9:08:00 AM

Lab ID: 2006E00-020

Matrix: SOIL

Received Date: 6/26/2020 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: CLP
Diesel Range Organics (DRO)	55	9.7		mg/Kg	1	7/1/2020 2:06:38 PM
Motor Oil Range Organics (MRO)	190	48		mg/Kg	1	7/1/2020 2:06:38 PM
Surr: DNOP	163	55.1-146	S	%Rec	1	7/1/2020 2:06:38 PM
EPA METHOD 300.0: ANIONS						Analyst: CAS
Chloride	ND	60		mg/Kg	20	7/1/2020 6:49:37 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
Benzene	ND	0.025		mg/Kg	1	7/1/2020 6:26:04 PM
Toluene	ND	0.049		mg/Kg	1	7/1/2020 6:26:04 PM
Ethylbenzene	ND	0.049		mg/Kg	1	7/1/2020 6:26:04 PM
Xylenes, Total	ND	0.099		mg/Kg	1	7/1/2020 6:26:04 PM
Surr: 1,2-Dichloroethane-d4	106	70-130		%Rec	1	7/1/2020 6:26:04 PM
Surr: 4-Bromofluorobenzene	95.8	70-130		%Rec	1	7/1/2020 6:26:04 PM
Surr: Dibromofluoromethane	109	70-130		%Rec	1	7/1/2020 6:26:04 PM
Surr: Toluene-d8	104	70-130		%Rec	1	7/1/2020 6:26:04 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/1/2020 6:26:04 PM
Surr: BFB	101	70-130		%Rec	1	7/1/2020 6:26:04 PM

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 **2006E00**

Date Reported: **7/7/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S-6, 0"-6"

Project: Watkins 32 St #1

Collection Date: 6/24/2020 9:10:00 AM

Lab ID: 2006E00-021

Matrix: SOIL

Received Date: 6/26/2020 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: CLP
Diesel Range Organics (DRO)	170	9.6		mg/Kg	1	7/1/2020 2:30:59 PM
Motor Oil Range Organics (MRO)	350	48		mg/Kg	1	7/1/2020 2:30:59 PM
Surr: DNOP	122	55.1-146		%Rec	1	7/1/2020 2:30:59 PM
EPA METHOD 300.0: ANIONS						Analyst: CAS
Chloride	ND	60		mg/Kg	20	7/1/2020 7:01:57 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
Benzene	ND	0.024		mg/Kg	1	7/1/2020 6:54:51 PM
Toluene	ND	0.049		mg/Kg	1	7/1/2020 6:54:51 PM
Ethylbenzene	ND	0.049		mg/Kg	1	7/1/2020 6:54:51 PM
Xylenes, Total	ND	0.097		mg/Kg	1	7/1/2020 6:54:51 PM
Surr: 1,2-Dichloroethane-d4	109	70-130		%Rec	1	7/1/2020 6:54:51 PM
Surr: 4-Bromofluorobenzene	94.7	70-130		%Rec	1	7/1/2020 6:54:51 PM
Surr: Dibromofluoromethane	113	70-130		%Rec	1	7/1/2020 6:54:51 PM
Surr: Toluene-d8	102	70-130		%Rec	1	7/1/2020 6:54:51 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/1/2020 6:54:51 PM
Surr: BFB	99.5	70-130		%Rec	1	7/1/2020 6:54:51 PM

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 **2006E00**

Date Reported: 7/7/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S-6, 1'

Project: Watkins 32 St #1

Collection Date: 6/24/2020 9:12:00 AM

Lab ID: 2006E00-022

Matrix: SOIL

Received Date: 6/26/2020 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: CLP
Diesel Range Organics (DRO)	120	9.6		mg/Kg	1	7/1/2020 2:55:23 PM
Motor Oil Range Organics (MRO)	270	48		mg/Kg	1	7/1/2020 2:55:23 PM
Surr: DNOP	101	55.1-146		%Rec	1	7/1/2020 2:55:23 PM
EPA METHOD 300.0: ANIONS						Analyst: CAS
Chloride	200	60		mg/Kg	20	7/1/2020 7:14:19 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
Benzene	ND	0.025		mg/Kg	1	7/1/2020 7:23:38 PM
Toluene	ND	0.049		mg/Kg	1	7/1/2020 7:23:38 PM
Ethylbenzene	ND	0.049		mg/Kg	1	7/1/2020 7:23:38 PM
Xylenes, Total	ND	0.098		mg/Kg	1	7/1/2020 7:23:38 PM
Surr: 1,2-Dichloroethane-d4	105	70-130		%Rec	1	7/1/2020 7:23:38 PM
Surr: 4-Bromofluorobenzene	90.8	70-130		%Rec	1	7/1/2020 7:23:38 PM
Surr: Dibromofluoromethane	110	70-130		%Rec	1	7/1/2020 7:23:38 PM
Surr: Toluene-d8	102	70-130		%Rec	1	7/1/2020 7:23:38 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/1/2020 7:23:38 PM
Surr: BFB	98.1	70-130		%Rec	1	7/1/2020 7:23:38 PM

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 **2006E00**

Date Reported: **7/7/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S-6, 2'

Project: Watkins 32 St #1

Collection Date: 6/24/2020 9:14:00 AM

Lab ID: 2006E00-023

Matrix: SOIL

Received Date: 6/26/2020 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: CLP
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	6/30/2020 7:12:32 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/30/2020 7:12:32 PM
Surr: DNOP	91.2	55.1-146		%Rec	1	6/30/2020 7:12:32 PM
EPA METHOD 300.0: ANIONS						Analyst: CAS
Chloride	99	60		mg/Kg	20	7/1/2020 7:26:40 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
Benzene	ND	0.025		mg/Kg	1	7/1/2020 7:52:22 PM
Toluene	ND	0.050		mg/Kg	1	7/1/2020 7:52:22 PM
Ethylbenzene	ND	0.050		mg/Kg	1	7/1/2020 7:52:22 PM
Xylenes, Total	ND	0.099		mg/Kg	1	7/1/2020 7:52:22 PM
Surr: 1,2-Dichloroethane-d4	102	70-130		%Rec	1	7/1/2020 7:52:22 PM
Surr: 4-Bromofluorobenzene	93.2	70-130		%Rec	1	7/1/2020 7:52:22 PM
Surr: Dibromofluoromethane	109	70-130		%Rec	1	7/1/2020 7:52:22 PM
Surr: Toluene-d8	103	70-130		%Rec	1	7/1/2020 7:52:22 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/1/2020 7:52:22 PM
Surr: BFB	99.5	70-130		%Rec	1	7/1/2020 7:52:22 PM

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 **2006E00**

Date Reported: **7/7/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S-6, 3'

Project: Watkins 32 St #1

Collection Date: 6/24/2020 9:16:00 AM

Lab ID: 2006E00-024

Matrix: SOIL

Received Date: 6/26/2020 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: CLP
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	6/30/2020 7:22:58 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/30/2020 7:22:58 PM
Surr: DNOP	86.8	55.1-146		%Rec	1	6/30/2020 7:22:58 PM
EPA METHOD 300.0: ANIONS						Analyst: CAS
Chloride	90	60		mg/Kg	20	7/1/2020 7:39:02 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
Benzene	ND	0.024		mg/Kg	1	7/1/2020 8:21:07 PM
Toluene	ND	0.048		mg/Kg	1	7/1/2020 8:21:07 PM
Ethylbenzene	ND	0.048		mg/Kg	1	7/1/2020 8:21:07 PM
Xylenes, Total	ND	0.097		mg/Kg	1	7/1/2020 8:21:07 PM
Surr: 1,2-Dichloroethane-d4	103	70-130		%Rec	1	7/1/2020 8:21:07 PM
Surr: 4-Bromofluorobenzene	97.0	70-130		%Rec	1	7/1/2020 8:21:07 PM
Surr: Dibromofluoromethane	109	70-130		%Rec	1	7/1/2020 8:21:07 PM
Surr: Toluene-d8	104	70-130		%Rec	1	7/1/2020 8:21:07 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/1/2020 8:21:07 PM
Surr: BFB	103	70-130		%Rec	1	7/1/2020 8:21:07 PM

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 **2006E00**

Date Reported: **7/7/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S-7, 0"-6"

Project: Watkins 32 St #1

Collection Date: 6/24/2020 9:18:00 AM

Lab ID: 2006E00-025

Matrix: SOIL

Received Date: 6/26/2020 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: CLP
Diesel Range Organics (DRO)	15	9.6		mg/Kg	1	6/30/2020 7:33:18 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/30/2020 7:33:18 PM
Surr: DNOP	96.7	55.1-146		%Rec	1	6/30/2020 7:33:18 PM
EPA METHOD 300.0: ANIONS						Analyst: CAS
Chloride	450	60		mg/Kg	20	7/1/2020 7:51:22 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
Benzene	ND	0.024		mg/Kg	1	7/1/2020 8:49:48 PM
Toluene	ND	0.048		mg/Kg	1	7/1/2020 8:49:48 PM
Ethylbenzene	ND	0.048		mg/Kg	1	7/1/2020 8:49:48 PM
Xylenes, Total	ND	0.097		mg/Kg	1	7/1/2020 8:49:48 PM
Surr: 1,2-Dichloroethane-d4	107	70-130		%Rec	1	7/1/2020 8:49:48 PM
Surr: 4-Bromofluorobenzene	95.2	70-130		%Rec	1	7/1/2020 8:49:48 PM
Surr: Dibromofluoromethane	108	70-130		%Rec	1	7/1/2020 8:49:48 PM
Surr: Toluene-d8	101	70-130		%Rec	1	7/1/2020 8:49:48 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/1/2020 8:49:48 PM
Surr: BFB	98.3	70-130		%Rec	1	7/1/2020 8:49:48 PM

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 **2006E00**

Date Reported: **7/7/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S-7, 1'

Project: Watkins 32 St #1

Collection Date: 6/24/2020 9:20:00 AM

Lab ID: 2006E00-026

Matrix: SOIL

Received Date: 6/26/2020 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: CLP
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	7/1/2020 3:19:47 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/1/2020 3:19:47 PM
Surr: DNOP	76.5	55.1-146		%Rec	1	7/1/2020 3:19:47 PM
EPA METHOD 300.0: ANIONS						Analyst: CAS
Chloride	ND	60		mg/Kg	20	7/1/2020 8:03:43 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
Benzene	ND	0.025		mg/Kg	1	7/1/2020 9:18:26 PM
Toluene	ND	0.050		mg/Kg	1	7/1/2020 9:18:26 PM
Ethylbenzene	ND	0.050		mg/Kg	1	7/1/2020 9:18:26 PM
Xylenes, Total	ND	0.10		mg/Kg	1	7/1/2020 9:18:26 PM
Surr: 1,2-Dichloroethane-d4	103	70-130		%Rec	1	7/1/2020 9:18:26 PM
Surr: 4-Bromofluorobenzene	94.4	70-130		%Rec	1	7/1/2020 9:18:26 PM
Surr: Dibromofluoromethane	108	70-130		%Rec	1	7/1/2020 9:18:26 PM
Surr: Toluene-d8	101	70-130		%Rec	1	7/1/2020 9:18:26 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/1/2020 9:18:26 PM
Surr: BFB	96.6	70-130		%Rec	1	7/1/2020 9:18:26 PM

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 **2006E00**

Date Reported: **7/7/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S-7 ,2'

Project: Watkins 32 St #1

Collection Date: 6/24/2020 9:22:00 AM

Lab ID: 2006E00-027

Matrix: SOIL

Received Date: 6/26/2020 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: CLP
Diesel Range Organics (DRO)	28	9.4		mg/Kg	1	7/1/2020 3:44:17 PM
Motor Oil Range Organics (MRO)	93	47		mg/Kg	1	7/1/2020 3:44:17 PM
Surr: DNOP	165	55.1-146	S	%Rec	1	7/1/2020 3:44:17 PM
EPA METHOD 300.0: ANIONS						Analyst: CAS
Chloride	71	60		mg/Kg	20	7/1/2020 8:40:45 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
Benzene	ND	0.025		mg/Kg	1	7/1/2020 9:47:02 PM
Toluene	ND	0.049		mg/Kg	1	7/1/2020 9:47:02 PM
Ethylbenzene	ND	0.049		mg/Kg	1	7/1/2020 9:47:02 PM
Xylenes, Total	ND	0.099		mg/Kg	1	7/1/2020 9:47:02 PM
Surr: 1,2-Dichloroethane-d4	109	70-130		%Rec	1	7/1/2020 9:47:02 PM
Surr: 4-Bromofluorobenzene	98.6	70-130		%Rec	1	7/1/2020 9:47:02 PM
Surr: Dibromofluoromethane	111	70-130		%Rec	1	7/1/2020 9:47:02 PM
Surr: Toluene-d8	105	70-130		%Rec	1	7/1/2020 9:47:02 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/1/2020 9:47:02 PM
Surr: BFB	101	70-130		%Rec	1	7/1/2020 9:47:02 PM

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 **2006E00**

Date Reported: **7/7/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S-7, 3'

Project: Watkins 32 St #1

Collection Date: 6/24/2020 9:24:00 AM

Lab ID: 2006E00-028

Matrix: SOIL

Received Date: 6/26/2020 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: JME
Diesel Range Organics (DRO)	16	9.2		mg/Kg	1	7/2/2020 9:43:14 AM
Motor Oil Range Organics (MRO)	50	46		mg/Kg	1	7/2/2020 9:43:14 AM
Surr: DNOP	87.7	55.1-146		%Rec	1	7/2/2020 9:43:14 AM
EPA METHOD 300.0: ANIONS						Analyst: CAS
Chloride	100	60		mg/Kg	20	7/1/2020 8:53:05 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
Benzene	ND	0.025		mg/Kg	1	7/1/2020 10:15:35 PM
Toluene	ND	0.049		mg/Kg	1	7/1/2020 10:15:35 PM
Ethylbenzene	ND	0.049		mg/Kg	1	7/1/2020 10:15:35 PM
Xylenes, Total	ND	0.099		mg/Kg	1	7/1/2020 10:15:35 PM
Surr: 1,2-Dichloroethane-d4	106	70-130		%Rec	1	7/1/2020 10:15:35 PM
Surr: 4-Bromofluorobenzene	90.8	70-130		%Rec	1	7/1/2020 10:15:35 PM
Surr: Dibromofluoromethane	108	70-130		%Rec	1	7/1/2020 10:15:35 PM
Surr: Toluene-d8	104	70-130		%Rec	1	7/1/2020 10:15:35 PM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/1/2020 10:15:35 PM
Surr: BFB	99.2	70-130		%Rec	1	7/1/2020 10:15:35 PM

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 **2006E00**

Date Reported: **7/7/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: BG-1

Project: Watkins 32 St #1

Collection Date: 6/24/2020 9:26:00 AM

Lab ID: 2006E00-029

Matrix: SOIL

Received Date: 6/26/2020 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: CLP
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	6/30/2020 8:14:54 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/30/2020 8:14:54 PM
Surr: DNOP	86.2	55.1-146		%Rec	1	6/30/2020 8:14:54 PM
EPA METHOD 300.0: ANIONS						Analyst: CAS
Chloride	ND	60		mg/Kg	20	7/1/2020 9:05:26 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
Benzene	ND	0.024		mg/Kg	1	7/2/2020 12:38:16 AM
Toluene	ND	0.049		mg/Kg	1	7/2/2020 12:38:16 AM
Ethylbenzene	ND	0.049		mg/Kg	1	7/2/2020 12:38:16 AM
Xylenes, Total	ND	0.097		mg/Kg	1	7/2/2020 12:38:16 AM
Surr: 1,2-Dichloroethane-d4	99.5	70-130		%Rec	1	7/2/2020 12:38:16 AM
Surr: 4-Bromofluorobenzene	95.3	70-130		%Rec	1	7/2/2020 12:38:16 AM
Surr: Dibromofluoromethane	107	70-130		%Rec	1	7/2/2020 12:38:16 AM
Surr: Toluene-d8	100	70-130		%Rec	1	7/2/2020 12:38:16 AM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/2/2020 12:38:16 AM
Surr: BFB	100	70-130		%Rec	1	7/2/2020 12:38:16 AM

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 **2006E00**

Date Reported: **7/7/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: BG-2

Project: Watkins 32 St #1

Collection Date: 6/24/2020 9:28:00 AM

Lab ID: 2006E00-030

Matrix: SOIL

Received Date: 6/26/2020 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: CLP
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	6/30/2020 8:25:33 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/30/2020 8:25:33 PM
Surr: DNOP	84.1	55.1-146		%Rec	1	6/30/2020 8:25:33 PM
EPA METHOD 300.0: ANIONS						Analyst: CAS
Chloride	73	60		mg/Kg	20	7/1/2020 9:17:46 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
Benzene	ND	0.025		mg/Kg	1	7/2/2020 1:06:49 AM
Toluene	ND	0.049		mg/Kg	1	7/2/2020 1:06:49 AM
Ethylbenzene	ND	0.049		mg/Kg	1	7/2/2020 1:06:49 AM
Xylenes, Total	ND	0.099		mg/Kg	1	7/2/2020 1:06:49 AM
Surr: 1,2-Dichloroethane-d4	100	70-130		%Rec	1	7/2/2020 1:06:49 AM
Surr: 4-Bromofluorobenzene	92.1	70-130		%Rec	1	7/2/2020 1:06:49 AM
Surr: Dibromofluoromethane	106	70-130		%Rec	1	7/2/2020 1:06:49 AM
Surr: Toluene-d8	101	70-130		%Rec	1	7/2/2020 1:06:49 AM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/2/2020 1:06:49 AM
Surr: BFB	97.4	70-130		%Rec	1	7/2/2020 1:06:49 AM

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 **2006E00**

Date Reported: **7/7/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: BG-3

Project: Watkins 32 St #1

Collection Date: 6/24/2020 9:30:00 AM

Lab ID: 2006E00-031

Matrix: SOIL

Received Date: 6/26/2020 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: CLP
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	6/30/2020 8:36:12 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/30/2020 8:36:12 PM
Surr: DNOP	91.3	55.1-146		%Rec	1	6/30/2020 8:36:12 PM
EPA METHOD 300.0: ANIONS						Analyst: CAS
Chloride	ND	61		mg/Kg	20	7/1/2020 9:30:07 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
Benzene	ND	0.025		mg/Kg	1	7/2/2020 1:35:21 AM
Toluene	ND	0.049		mg/Kg	1	7/2/2020 1:35:21 AM
Ethylbenzene	ND	0.049		mg/Kg	1	7/2/2020 1:35:21 AM
Xylenes, Total	ND	0.099		mg/Kg	1	7/2/2020 1:35:21 AM
Surr: 1,2-Dichloroethane-d4	106	70-130		%Rec	1	7/2/2020 1:35:21 AM
Surr: 4-Bromofluorobenzene	94.9	70-130		%Rec	1	7/2/2020 1:35:21 AM
Surr: Dibromofluoromethane	104	70-130		%Rec	1	7/2/2020 1:35:21 AM
Surr: Toluene-d8	105	70-130		%Rec	1	7/2/2020 1:35:21 AM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/2/2020 1:35:21 AM
Surr: BFB	101	70-130		%Rec	1	7/2/2020 1:35:21 AM

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 **2006E00**

Date Reported: **7/7/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: BG-4

Project: Watkins 32 St #1

Collection Date: 6/24/2020 9:32:00 AM

Lab ID: 2006E00-032

Matrix: SOIL

Received Date: 6/26/2020 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: CLP
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	6/30/2020 9:14:56 AM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/30/2020 9:14:56 AM
Surr: DNOP	76.5	55.1-146		%Rec	1	6/30/2020 9:14:56 AM
EPA METHOD 300.0: ANIONS						Analyst: CAS
Chloride	ND	60		mg/Kg	20	7/1/2020 9:42:28 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
Benzene	ND	0.025		mg/Kg	1	7/2/2020 2:03:57 AM
Toluene	ND	0.050		mg/Kg	1	7/2/2020 2:03:57 AM
Ethylbenzene	ND	0.050		mg/Kg	1	7/2/2020 2:03:57 AM
Xylenes, Total	ND	0.10		mg/Kg	1	7/2/2020 2:03:57 AM
Surr: 1,2-Dichloroethane-d4	97.8	70-130		%Rec	1	7/2/2020 2:03:57 AM
Surr: 4-Bromofluorobenzene	95.3	70-130		%Rec	1	7/2/2020 2:03:57 AM
Surr: Dibromofluoromethane	107	70-130		%Rec	1	7/2/2020 2:03:57 AM
Surr: Toluene-d8	99.5	70-130		%Rec	1	7/2/2020 2:03:57 AM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/2/2020 2:03:57 AM
Surr: BFB	97.7	70-130		%Rec	1	7/2/2020 2:03:57 AM

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 **2006E00**

Date Reported: **7/7/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: BG-5

Project: Watkins 32 St #1

Collection Date: 6/24/2020 9:34:00 AM

Lab ID: 2006E00-033

Matrix: SOIL

Received Date: 6/26/2020 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: CLP
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	6/30/2020 10:00:01 AM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	6/30/2020 10:00:01 AM
Surr: DNOP	114	55.1-146		%Rec	1	6/30/2020 10:00:01 AM
EPA METHOD 300.0: ANIONS						Analyst: CAS
Chloride	ND	60		mg/Kg	20	7/1/2020 9:54:49 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
Benzene	ND	0.025		mg/Kg	1	7/2/2020 2:32:28 AM
Toluene	ND	0.049		mg/Kg	1	7/2/2020 2:32:28 AM
Ethylbenzene	ND	0.049		mg/Kg	1	7/2/2020 2:32:28 AM
Xylenes, Total	ND	0.098		mg/Kg	1	7/2/2020 2:32:28 AM
Surr: 1,2-Dichloroethane-d4	107	70-130		%Rec	1	7/2/2020 2:32:28 AM
Surr: 4-Bromofluorobenzene	95.0	70-130		%Rec	1	7/2/2020 2:32:28 AM
Surr: Dibromofluoromethane	107	70-130		%Rec	1	7/2/2020 2:32:28 AM
Surr: Toluene-d8	102	70-130		%Rec	1	7/2/2020 2:32:28 AM
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/2/2020 2:32:28 AM
Surr: BFB	98.0	70-130		%Rec	1	7/2/2020 2:32:28 AM

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#: 2006E00

07-Jul-20

Client: Pima Environmental Services LLC

Project: Watkins 32 St #1

Sample ID: MB-53428	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 53428	RunNo: 70021								
Prep Date: 6/30/2020	Analysis Date: 6/30/2020	SeqNo: 2433091	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-53428	SampType: ics	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 53428	RunNo: 70021								
Prep Date: 6/30/2020	Analysis Date: 6/30/2020	SeqNo: 2433092	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	96.1	90	110			

Sample ID: MB-53456	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 53456	RunNo: 70052								
Prep Date: 7/1/2020	Analysis Date: 7/1/2020	SeqNo: 2434259	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-53456	SampType: ics	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 53456	RunNo: 70052								
Prep Date: 7/1/2020	Analysis Date: 7/1/2020	SeqNo: 2434260	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	15	1.5	15.00	0	97.3	90	110			

Sample ID: MB-53442	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 53442	RunNo: 70074								
Prep Date: 7/1/2020	Analysis Date: 7/1/2020	SeqNo: 2434383	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-53442	SampType: ics	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 53442	RunNo: 70074								
Prep Date: 7/1/2020	Analysis Date: 7/1/2020	SeqNo: 2434384	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.5	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#: 2006E00

07-Jul-20

Client: Pima Environmental Services LLC

Project: Watkins 32 St #1

Sample ID: LCS-53370	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 53370	RunNo: 69983								
Prep Date: 6/28/2020	Analysis Date: 6/29/2020	SeqNo: 2431104	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	61	10	50.00	0	122	70	130			
Surr: DNOP	5.8		5.000		115	55.1	146			

Sample ID: MB-53370	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 53370	RunNo: 69983								
Prep Date: 6/28/2020	Analysis Date: 6/29/2020	SeqNo: 2431105	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	14		10.00		136	55.1	146			

Sample ID: MB-53395	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 53395	RunNo: 70006								
Prep Date: 6/29/2020	Analysis Date: 6/30/2020	SeqNo: 2432264	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	12		10.00		123	55.1	146			

Sample ID: LCS-53395	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 53395	RunNo: 70006								
Prep Date: 6/29/2020	Analysis Date: 6/30/2020	SeqNo: 2432265	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	58	10	50.00	0	115	70	130			
Surr: DNOP	5.7		5.000		113	55.1	146			

Sample ID: 2006E00-032AMS	SampType: MS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: BG-4	Batch ID: 53395	RunNo: 70006								
Prep Date: 6/29/2020	Analysis Date: 6/30/2020	SeqNo: 2432267	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	29	9.6	47.80	0	60.3	47.4	136			
Surr: DNOP	2.4		4.780		51.2	55.1	146			S

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#: 2006E00

07-Jul-20

Client: Pima Environmental Services LLC

Project: Watkins 32 St #1

Sample ID: 2006E00-032AMSD	SampType: MSD	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: BG-4	Batch ID: 53395	RunNo: 70006								
Prep Date: 6/29/2020	Analysis Date: 6/30/2020	SeqNo: 2432268	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	23	9.3	46.47	0	49.0	47.4	136	23.5	43.4	
Surr: DNOP	1.7		4.647		35.8	55.1	146	0	0	S

Sample ID: MB-53381	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 53381	RunNo: 70039								
Prep Date: 6/29/2020	Analysis Date: 6/30/2020	SeqNo: 2433355	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	12		10.00		122	55.1	146			

Sample ID: LCS-53381	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 53381	RunNo: 70039								
Prep Date: 6/29/2020	Analysis Date: 6/30/2020	SeqNo: 2433364	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	51	10	50.00	0	102	70	130			
Surr: DNOP	5.4		5.000		108	55.1	146			

Sample ID: 2006E00-014AMS	SampType: MS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: S-4, 1'	Batch ID: 53381	RunNo: 70039								
Prep Date: 6/29/2020	Analysis Date: 6/30/2020	SeqNo: 2433385	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	50	10	50.00	0	99.8	47.4	136			
Surr: DNOP	5.1		5.000		102	55.1	146			

Sample ID: 2006E00-014AMSD	SampType: MSD	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: S-4, 1'	Batch ID: 53381	RunNo: 70039								
Prep Date: 6/29/2020	Analysis Date: 6/30/2020	SeqNo: 2433386	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48	10	49.80	0	96.2	47.4	136	4.09	43.4	
Surr: DNOP	4.4		4.980		88.9	55.1	146	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#: 2006E00

07-Jul-20

Client: Pima Environmental Services LLC

Project: Watkins 32 St #1

Sample ID: mb-53369	SampType: MBLK	TestCode: EPA Method 8260B: Volatiles Short List								
Client ID: PBS	Batch ID: 53369	RunNo: 69997								
Prep Date: 6/28/2020	Analysis Date: 6/29/2020	SeqNo: 2431673	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: 1,2-Dichloroethane-d4	0.54		0.5000		108	70	130			
Surr: 4-Bromofluorobenzene	0.49		0.5000		98.0	70	130			
Surr: Dibromofluoromethane	0.56		0.5000		112	70	130			
Surr: Toluene-d8	0.52		0.5000		105	70	130			

Sample ID: ics-53369	SampType: LCS4	TestCode: EPA Method 8260B: Volatiles Short List								
Client ID: BatchQC	Batch ID: 53369	RunNo: 69997								
Prep Date: 6/28/2020	Analysis Date: 6/29/2020	SeqNo: 2431674	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.025	1.000	0	111	80	120			
Toluene	1.0	0.050	1.000	0	102	80	120			
Ethylbenzene	1.0	0.050	1.000	0	104	80	120			
Xylenes, Total	3.2	0.10	3.000	0	106	80	120			
Surr: 1,2-Dichloroethane-d4	0.53		0.5000		106	70	130			
Surr: 4-Bromofluorobenzene	0.47		0.5000		94.8	70	130			
Surr: Dibromofluoromethane	0.54		0.5000		108	70	130			
Surr: Toluene-d8	0.52		0.5000		104	70	130			

Sample ID: mb-53371	SampType: MBLK	TestCode: EPA Method 8260B: Volatiles Short List								
Client ID: PBS	Batch ID: 53371	RunNo: 70034								
Prep Date: 6/28/2020	Analysis Date: 7/1/2020	SeqNo: 2433154	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: 1,2-Dichloroethane-d4	0.54		0.5000		108	70	130			
Surr: 4-Bromofluorobenzene	0.47		0.5000		93.9	70	130			
Surr: Dibromofluoromethane	0.53		0.5000		106	70	130			
Surr: Toluene-d8	0.52		0.5000		105	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#: 2006E00

07-Jul-20

Client: Pima Environmental Services LLC

Project: Watkins 32 St #1

Sample ID:	Ics-53371		SampType:	LCS4		TestCode:	EPA Method 8260B: Volatiles Short List				
Client ID:	BatchQC		Batch ID:	53371		RunNo:	70034				
Prep Date:	6/28/2020		Analysis Date:	7/1/2020		SeqNo:	2433155		Units:	mg/Kg	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	1.1	0.025	1.000	0	110	80	120				
Toluene	1.0	0.050	1.000	0	101	80	120				
Ethylbenzene	1.0	0.050	1.000	0	103	80	120				
Xylenes, Total	3.2	0.10	3.000	0	105	80	120				
Surr: 1,2-Dichloroethane-d4	0.50		0.5000		100	70	130				
Surr: 4-Bromofluorobenzene	0.46		0.5000		91.7	70	130				
Surr: Dibromofluoromethane	0.52		0.5000		105	70	130				
Surr: Toluene-d8	0.51		0.5000		102	70	130				

Sample ID:	2006e00-014ams		SampType:	MS4		TestCode:	EPA Method 8260B: Volatiles Short List				
Client ID:	S-4, 1'		Batch ID:	53371		RunNo:	70034				
Prep Date:	6/28/2020		Analysis Date:	7/1/2020		SeqNo:	2433627		Units:	mg/Kg	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	0.98	0.025	0.9843	0	99.4	71.1	115				
Toluene	0.94	0.049	0.9843	0	95.6	79.6	132				
Ethylbenzene	0.95	0.049	0.9843	0	96.3	83.8	134				
Xylenes, Total	3.0	0.098	2.953	0	100	82.4	132				
Surr: 1,2-Dichloroethane-d4	0.52		0.4921		105	70	130				
Surr: 4-Bromofluorobenzene	0.44		0.4921		88.7	70	130				
Surr: Dibromofluoromethane	0.51		0.4921		103	70	130				
Surr: Toluene-d8	0.50		0.4921		101	70	130				

Sample ID:	2006e00-014amsd		SampType:	MSD4		TestCode:	EPA Method 8260B: Volatiles Short List				
Client ID:	S-4, 1'		Batch ID:	53371		RunNo:	70034				
Prep Date:	6/28/2020		Analysis Date:	7/1/2020		SeqNo:	2433628		Units:	mg/Kg	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	1.1	0.025	0.9950	0	108	71.1	115	8.94	20		
Toluene	1.0	0.050	0.9950	0	102	79.6	132	7.19	20		
Ethylbenzene	1.0	0.050	0.9950	0	103	83.8	134	7.81	20		
Xylenes, Total	3.2	0.10	2.985	0	108	82.4	132	8.41	20		
Surr: 1,2-Dichloroethane-d4	0.53		0.4975		107	70	130	0	0		
Surr: 4-Bromofluorobenzene	0.46		0.4975		92.9	70	130	0	0		
Surr: Dibromofluoromethane	0.52		0.4975		105	70	130	0	0		
Surr: Toluene-d8	0.52		0.4975		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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2006E00

07-Jul-20

Client: Pima Environmental Services LLC

Project: Watkins 32 St #1

Sample ID: mb-53369	SampType: MBLK	TestCode: EPA Method 8015D Mod: Gasoline Range								
Client ID: PBS	Batch ID: 53369	RunNo: 69997								
Prep Date: 6/28/2020	Analysis Date: 6/29/2020	SeqNo: 2431702	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	490		500.0		98.4	70	130			

Sample ID: ics-53369	SampType: LCS	TestCode: EPA Method 8015D Mod: Gasoline Range								
Client ID: LCSS	Batch ID: 53369	RunNo: 69997								
Prep Date: 6/28/2020	Analysis Date: 6/29/2020	SeqNo: 2431703	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	19	5.0	25.00	0	76.4	70	130			
Surr: BFB	480		500.0		96.3	70	130			

Sample ID: mb-53371	SampType: MBLK	TestCode: EPA Method 8015D Mod: Gasoline Range								
Client ID: PBS	Batch ID: 53371	RunNo: 70034								
Prep Date: 6/28/2020	Analysis Date: 7/1/2020	SeqNo: 2433174	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	510		500.0		101	70	130			

Sample ID: ics-53371	SampType: LCS	TestCode: EPA Method 8015D Mod: Gasoline Range								
Client ID: LCSS	Batch ID: 53371	RunNo: 70034								
Prep Date: 6/28/2020	Analysis Date: 7/1/2020	SeqNo: 2433175	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	19	5.0	25.00	0	75.8	70	130			
Surr: BFB	490		500.0		97.4	70	130			

Sample ID: 2006e00-015ams	SampType: MS	TestCode: EPA Method 8015D Mod: Gasoline Range								
Client ID: S-4, 2'	Batch ID: 53371	RunNo: 70034								
Prep Date: 6/28/2020	Analysis Date: 7/1/2020	SeqNo: 2433632	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	20	4.9	24.70	0	80.5	70	130			
Surr: BFB	490		494.1		99.1	70	130			

Sample ID: 2006e00-015amsd	SampType: MSD	TestCode: EPA Method 8015D Mod: Gasoline Range								
Client ID: S-4, 2'	Batch ID: 53371	RunNo: 70034								
Prep Date: 6/28/2020	Analysis Date: 7/1/2020	SeqNo: 2433633	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

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#: 2006E00

07-Jul-20

Client: Pima Environmental Services LLC

Project: Watkins 32 St #1

Sample ID: 2006e00-015amsd	SampType: MSD	TestCode: EPA Method 8015D Mod: Gasoline Range								
Client ID: S-4, 2'	Batch ID: 53371	RunNo: 70034								
Prep Date: 6/28/2020	Analysis Date: 7/1/2020	SeqNo: 2433633			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	20	4.9	24.65	0	80.4	70	130	0.297	20	
Surr: BFB	500		493.1		101	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: 2006E00 RcptNo: 1

Received By: Juan Rojas 6/26/2020 9:30:00 AM *Juan Rojas*

Completed By: Juan Rojas 6/26/2020 10:36:54 AM *Juan Rojas*

Reviewed By: *SPA 6.26.20*

Chain of Custody

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

Log In

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

of preserved bottles checked for pH: _____
 (<2 or >12 unless noted)
 Adjusted? _____
 Checked by: *SR 6/26/20*

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes No NA

Person Notified:	<input type="text"/>	Date:	<input type="text"/>
By Whom:	<input type="text"/>	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	<input type="text"/>		
Client Instructions:	<input type="text"/>		

16. Additional remarks:

17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	3.6	Good				
2	3.3	Good				

Chain-of-Custody Record

Client: Pima Environmental

Mailing Address: 1601 N. Turner St.
Hobbs, NM 88240

Phone #: 520-631-6977

email or Fax#:

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

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

Turn-Around Time: 5 day
 Standard Rush

Project Name: Watkins 32 St#1

Project #: 14

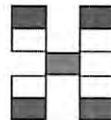
Project Manager: Chris Jones

Sampler: Robert Carper

On Ice: Yes No

of Coolers: 2

Cooler Temp (including CF): 36-0 = 3.6 (°C)



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)					
6/24/20	8:30		S-1, 0"-6"	Glass	ICE	3.3-0 = 3.3 2006500															
"	8:32		S-1, 1'																		
	8:34		S-1, 2'																		
	8:36		S-1, 3'																		
	8:38		S-2, 0"-6"																		
	8:40		S-2, 1'																		
	8:42		S-2, 2'																		
	8:44		S-2, 3'																		
	8:46		S-3, 0"-6"																		
	8:48		S-3, 1'																		
	8:50		S-3, 2'																		
	8:52		S-3, 3'																		

Chloride

Date: 4/24/20 Time: 1300 Relinquished by: [Signature]

Date: 6/24/20 Time: 1900 Relinquished by: [Signature]

Received by: [Signature] Via: _____ Date: 4/25/20 Time: 1300

Received by: [Signature] Via: courier Date: 6/26/20 Time: 9:30

Remarks:

Chain-of-Custody Record

Client: Pima Environmental

Mailing Address: 1601 N. Turner St. Hobbs, NM 88240

Phone #: 520-631-6777

email or Fax#: Chris E. Pima@pimaenv.com

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

Accreditation: Az Compliance
 NELAC Other _____

EDD (Type) _____

Turn-Around Time: 5 days

Standard Rush

Project Name: Wat King 32. ST#1

Project #: 14

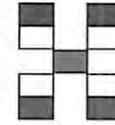
Project Manager: Chris Jones

Sampler: Robert Carper

On Ice: Yes No

of Coolers: 2

Cooler Temp (including CF): 3.6 - 0 = 3.6 (°C)



HALL ENVIRONMENTAL ANALYSIS LABORATORY

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 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)	Chloride	
4/24/20	8:54		S4, 0''-6''	Glass	Ice	-013												
	8:56		S4, 1'			-014												
	8:58		S4, 2'			-015												
	9:00		S4, 3'			-016												
	9:02		S5, 0''-6''			-017												
	9:04		S5, 1'			-018												
	9:06		S-5, 2'			-019												
	9:08		S-5, 3'			-020												
	9:10		S-6, 0''-6''			-021												
	9:12		S-6, 1'			-022												
	9:14		S-6, 2'			-023												
	9:16		S-6, 3'			-024												

Date: 4/24/20 Time: 1300 Relinquished by: [Signature]

Date: 4/25/20 Time: 1200 Received by: [Signature] Via: _____

Date: 6/26/20 Time: 9:30 Relinquished by: _____

Date: _____ Time: _____ Received by: _____ Via: _____

Remarks:

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

Chain-of-Custody Record

Client: Pima Environmental

Mailing Address: 1601 N. Turner ST. Hobbs, NM 88240

Phone #: 505-631-6977

email or Fax#:

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

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

Turn-Around Time: 5 day

Standard Rush

Project Name: Watkins 32 STEI

Project #: 14

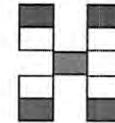
Project Manager: Chris Jones

Sampler: Robert Carper

On Ice: Yes No

of Coolers: 2

Cooler Temp (including CF): 3.6-0 = 3.6 (°C)



HALL ENVIRONMENTAL ANALYSIS LABORATORY

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 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)	Other Parameters			
																	Chloride			
6/24/20	9:18		S-7, 0''-6''	Glass	ICE	7006E00														
	9:20		S-7, 1'																	
	9:22		S-7, 2'																	
	9:24		S-7, 3'																	
	9:26		BG-1																	
	9:28		BG-2																	
	9:30		BG-3																	
	9:32		BG-4																	
	9:34		BG-5																	

Date: 6/24/20 Time: 1300 Relinquished by: [Signature]

Date: 6/25/20 Time: 1300 Received by: [Signature] Via: _____

Date: 6/25/20 Time: 1900 Relinquished by: [Signature]

Date: _____ Time: _____ Received by: _____ Via: _____

Courier 6/26/20 9:30

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical 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 182484

CONDITIONS

Operator: RAYBAW Operating, LLC 2626 Cole Avenue Dallas, TX 75204	OGRID: 330220
	Action Number: 182484
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
bhall	The site will need to meet the requirements of 19.15.29.13 NMAC when the equipment is removed for other operations, or when the well is plugged or abandoned, whichever comes first.	2/6/2023