



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

May 25, 2022

Bureau of Land Management
 620 East Green Street
 Carlsbad, NM 88220

Re: Site Assessment, Remediation, Liner Inspection, and Closure Report
Tex Mack 11 Federal #003 Battery
API No. 30-015-36835
GPS: Latitude 32.855442 Longitude -103.8479309
ULSTR D, 11, T17S, R31E
Eddy County, NM
NMOCD Ref. No. NAPP2119557530

Pima Environmental Services, LLC. (Pima) has been contracted by Spur Energy Partners, LLC. (Spur) to perform a spill assessment, remediation, liner inspection, and submit this closure report for a crude oil release that occurred at the Tex Mack 11 Federal #003 Battery (Tex Mack). The initial C-141 was submitted on July 12, 2021 (Appendix C). This incident was assigned Incident ID NAPP2119557530, by the New Mexico Oil Conservation Division (NMOCD).

Site Characterization

The Tex Mack is located approximately five (5) miles west of Maljamar, NM. This spill site is in Unit D, Section 11, Township 17S, Range 31E, Latitude 32.855442, Longitude -103.8479309, Eddy County, NM. Figure 1 references a Location Map.

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

According to the New Mexico Office of the State Engineer, depth to the nearest groundwater in this area is 96 feet below grade surface (BGS). According to the United States Geological Survey (USGS), depth to the nearest groundwater is 152 feet BGS. The closest waterway is a salt playa located approximately 14.18 miles to the southwest of this location. See Appendix A for referenced water surveys.

Table 1 NMAC and Closure Criteria 19.15.29

Depth to Groundwater (Appendix A)	Constituent & Limits				
	Chlorides	Total TPH	GRO+DRO	BTEX	Benzene
<50' (Lack of GW data)	600 mg/kg	100 mg/kg		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

NAPP2119557530: On June 21, 2021, a transfer pump never came on due to an overload trip from the lightning storm causing the release into the lined secondary containment and into the adjacent pasture. The released fluids calculated to be approximately 33 barrels (bbls) of crude oil. A vacuum truck was able to recover approximately 30 bbls of total fluid from this release.

Site Assessment

On June 25, 2021, Pima Environmental mobilized personnel to the site to assess the area. We sampled the affected areas outside of the containment and in the pasture. Laboratory results of this sampling event can be found in the following data table.

6-25-21 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater <50')								
SPUR ENERGY - TEX MACK 11 FED #3								
6/25/2021		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
S-1	0-6"	3.4	ND	110	16000	11000	27110	600
	1'	ND	ND	ND	320	220	540	ND
	2'	ND	ND	ND	94	82	176	ND
S-2	0-6"	25	ND	550	24000	15000	39550	150
	1'	ND	ND	ND	430	380	810	68
	2'	0.72	ND	22	1600	1000	2622	ND
S-3	0-6"	ND	ND	ND	ND	ND	0	ND
S-4	0-6"	ND	ND	ND	ND	ND	0	ND
S-5	0-6"	ND	ND	ND	ND	ND	0	ND
S-6	0-6"	ND	ND	ND	ND	ND	0	ND
S-7	0-6"	ND	ND	ND	ND	ND	0	ND
S-8	0-6"	ND	ND	ND	ND	ND	0	ND
S-9	0-6"	ND	ND	ND	ND	ND	0	ND
BG 1	0-6"	ND	ND	ND	ND	ND	0	ND
BG 2	0-6"	ND	ND	ND	ND	ND	0	ND
BG 3	0-6"	ND	ND	ND	ND	ND	0	ND
BG 4	0-6"	ND	ND	ND	ND	ND	0	ND

ND- Analyte Not Detected

Remediation Activities

On November 18, 2021, Pima mobilized personnel and equipment to conduct remedial activities and complete the delineation process. We excavated the contaminated area. Bottom and sidewall composite samples were obtained to ensure that the horizontal and vertical extents of the contamination had been removed. Photographic documentation can be found in Appendix D.

On November 24, 2021, after sending a 48-hour notification, Pima returned to the site to collect confirmation samples of the excavated area. The results of this sampling event can be found in the following data table.

11-24-21 Confirmation Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater <50')								
SPUR ENERGY - TEX MACK 11 FED #3								
11/24/2021	NM Approved Laboratory Results							
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
SW-1 North	2'	ND	ND	ND	17	ND	17	ND
SW-2 North	2'	ND	ND	ND	1500	890	2390	ND
SW-3 South	2'	ND	ND	ND	20	ND	20	ND
SW-4 South	2'	ND	ND	ND	13	ND	13	ND
SW-5 East	2'	ND	ND	ND	ND	ND	0	ND
SW-6 East	2'	ND	ND	ND	ND	ND	0	ND
SW-7 West	2'	ND	ND	ND	ND	ND	0	100
SW-8 West	2'	ND	ND	ND	ND	ND	0	ND
S-1 Bottom	2'	ND	ND	ND	ND	ND	0	ND
S-2 Bottom	2'	ND	ND	ND	ND	ND	0	ND
S-3 Bottom	2'	ND	ND	ND	ND	ND	0	ND
S-4 Bottom	2'	ND	ND	ND	ND	ND	0	ND
S-5 Bottom	2'	ND	ND	ND	42	ND	42	ND
S-6 Bottom	2'	ND	ND	ND	ND	ND	0	ND
S-7 Bottom	2'	ND	ND	ND	ND	ND	0	ND
S-8 Bottom	2'	ND	ND	ND	ND	ND	0	ND
S-9 Bottom	2'	ND	ND	ND	ND	ND	0	ND
S-10 Bottom	2'	ND	ND	ND	ND	ND	0	ND
S-11 Bottom	2'	ND	ND	ND	ND	ND	0	ND
S-12 Bottom	2'	ND	ND	ND	ND	ND	0	ND
S-13 Bottom	2'	ND	ND	ND	100	100	200	ND
S-14 Bottom	2'	ND	ND	ND	ND	ND	0	ND
S-15 Bottom	2'	ND	ND	ND	ND	ND	0	ND
S-16 Bottom	2'	ND	ND	ND	ND	ND	0	ND
S-17 Bottom	2'	ND	ND	ND	ND	ND	0	ND
S-18 Bottom	2'	ND	ND	ND	ND	ND	0	ND
S-19 Bottom	2'	ND	ND	ND	ND	ND	0	ND
S-20 Bottom	2'	ND	ND	ND	ND	ND	0	ND
S-21 Bottom	2'	ND	ND	ND	33	ND	33	ND
S-22 Bottom	2'	ND	ND	ND	ND	ND	0	ND
S-23 Bottom	2'	ND	ND	ND	52	ND	52	ND
S-24 Bottom	2'	ND	ND	ND	ND	ND	0	ND
S-25 Bottom	2'	ND	ND	ND	70	54	124	ND
S-26 Bottom	2'	ND	ND	ND	100	84	184	ND
S-27 Bottom	2'	ND	ND	ND	29	ND	29	ND

ND- Analyte Not Detected

On November 29, 2021, Pima returned to the site to further excavate and confirm the SW-2 North, S-13 Bottom, S-25 Bottom, and S-26 Bottom areas. Laboratory results of this sampling event can be found in the following data table. Photographic documentation can be found in Appendix D.

11-29-21 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater <50')								
SPUR ENERGY - TEX MACK 11 FED #3								
11/29/2021	NM Approved Laboratory Results							
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
SW-2 North	2.5'	ND	ND	ND	ND	ND	0	ND
S-13 Bottom	2.5'	ND	ND	ND	ND	ND	0	ND
S-25 Bottom	2.5'	ND	ND	ND	ND	ND	0	ND
S-26 Bottom	2.5'	ND	ND	ND	ND	ND	0	ND

ND- Analyte Not Detected

Complete laboratory reports can be found in Appendix E.

Liner Inspection

On November 24, 2021, Pima returned to the site to remove the gravel from inside the containment around the area of the release. The contaminated material was removed with hand tools and transported to Lea Land.

On May 1, 2022, after sending the 48-hour notification email, Pima Environmental conducted a liner inspection at this location. We concluded that this liner maintained its integrity and was able to contain this release. The Liner Inspection Form and Photographic Documentation can be found in Appendix D.

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

Closure Request

After careful review, Pima requests that this incident, NAPP2119557530 be closed. Spur has complied with the applicable closure requirements set forth in rule 19.15.19.12 NMAC.

Should you have any questions or need additional information, please feel free to contact Gio Gomez at 806-782-1151 or gio@pimaoil.com.

Respectfully,

Gio Gomez

Gio Gomez
Environmental Project Manager
Pima Environmental Services, LLC

Attachments

Figures:

- 1- Location Map
- 2- Topographic Map
- 3- Karst Map
- 4- Site Map
- 5- Confirmation Sample Map
- 6- Containment Map

Appendices:

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



Pima Environmental Services

Figures:

1-Location Map

2-Topographic Map

3-Karst Map

4-Site Map

5-Confirmation Sample Map

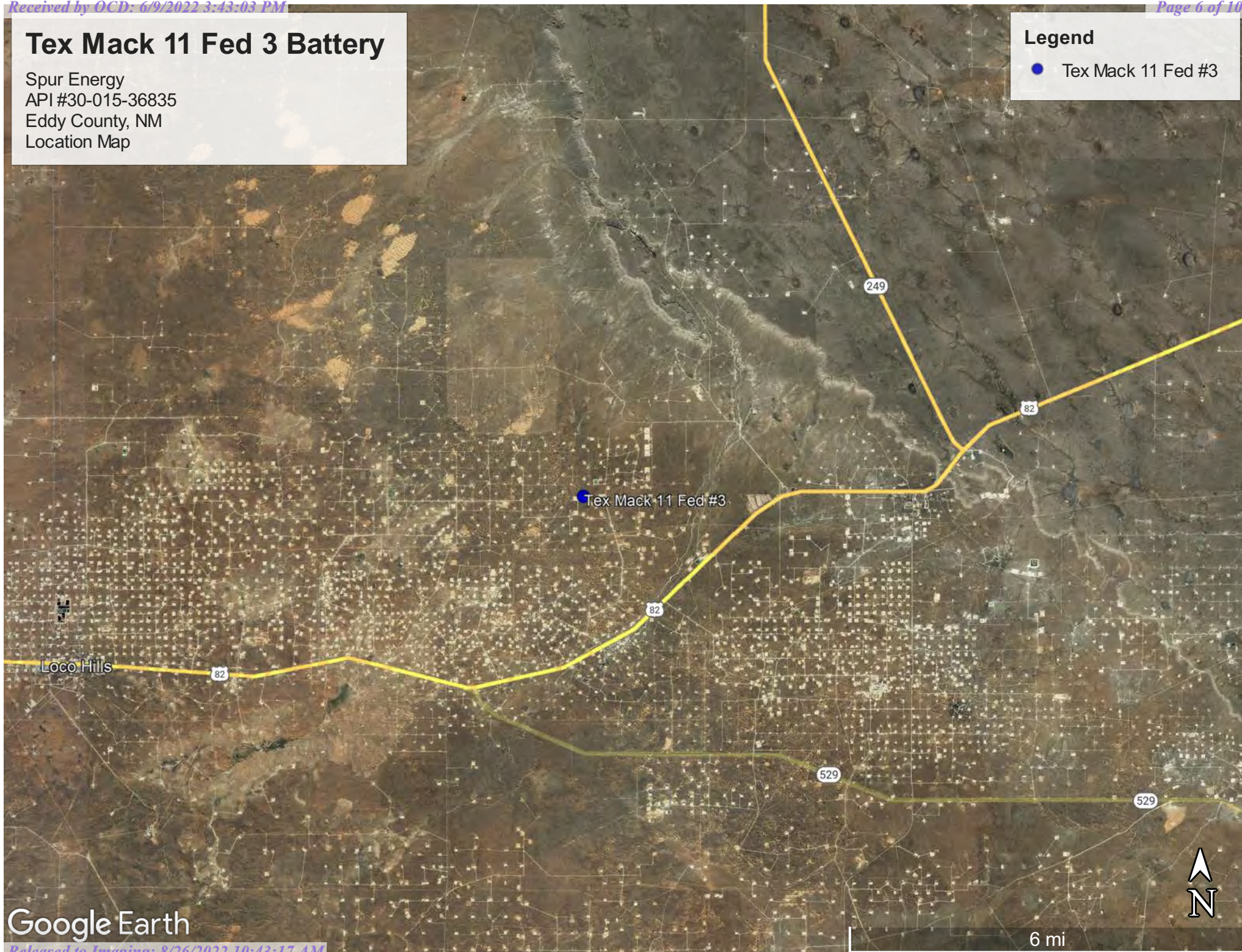
6-Containment Map

Tex Mack 11 Fed 3 Battery

Spur Energy
API #30-015-36835
Eddy County, NM
Location Map

Legend

● Tex Mack 11 Fed #3



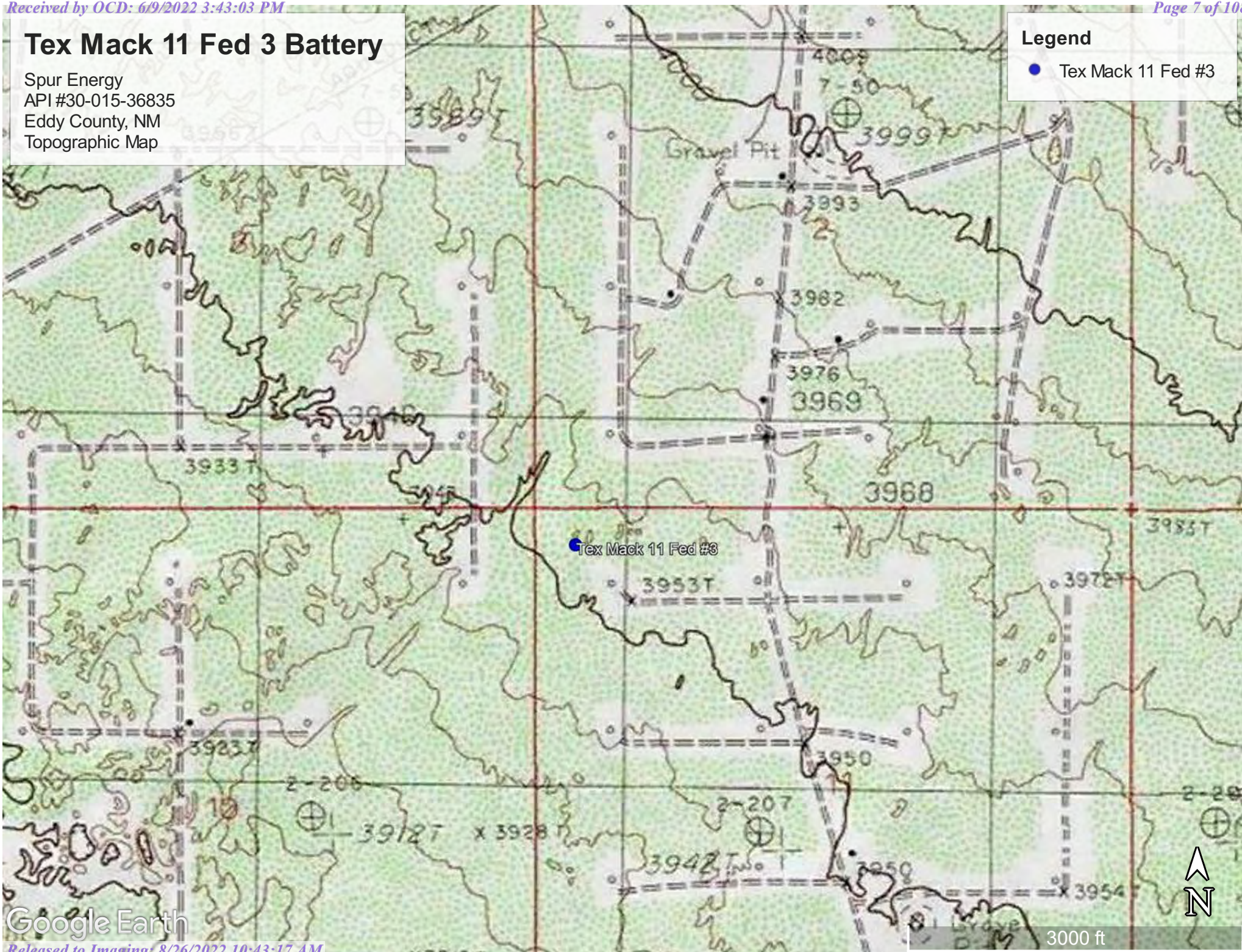
Google Earth

Tex Mack 11 Fed 3 Battery

Spur Energy
API #30-015-36835
Eddy County, NM
Topographic Map

Legend

● Tex Mack 11 Fed #3






Google Earth

Tex Mack 11 Fed #3

Spur Energy
API 30-015-36835
Eddy County, NM
Karst Map

Legend

-  High Karst
-  Low Karst
-  Medium Karst



Google Earth

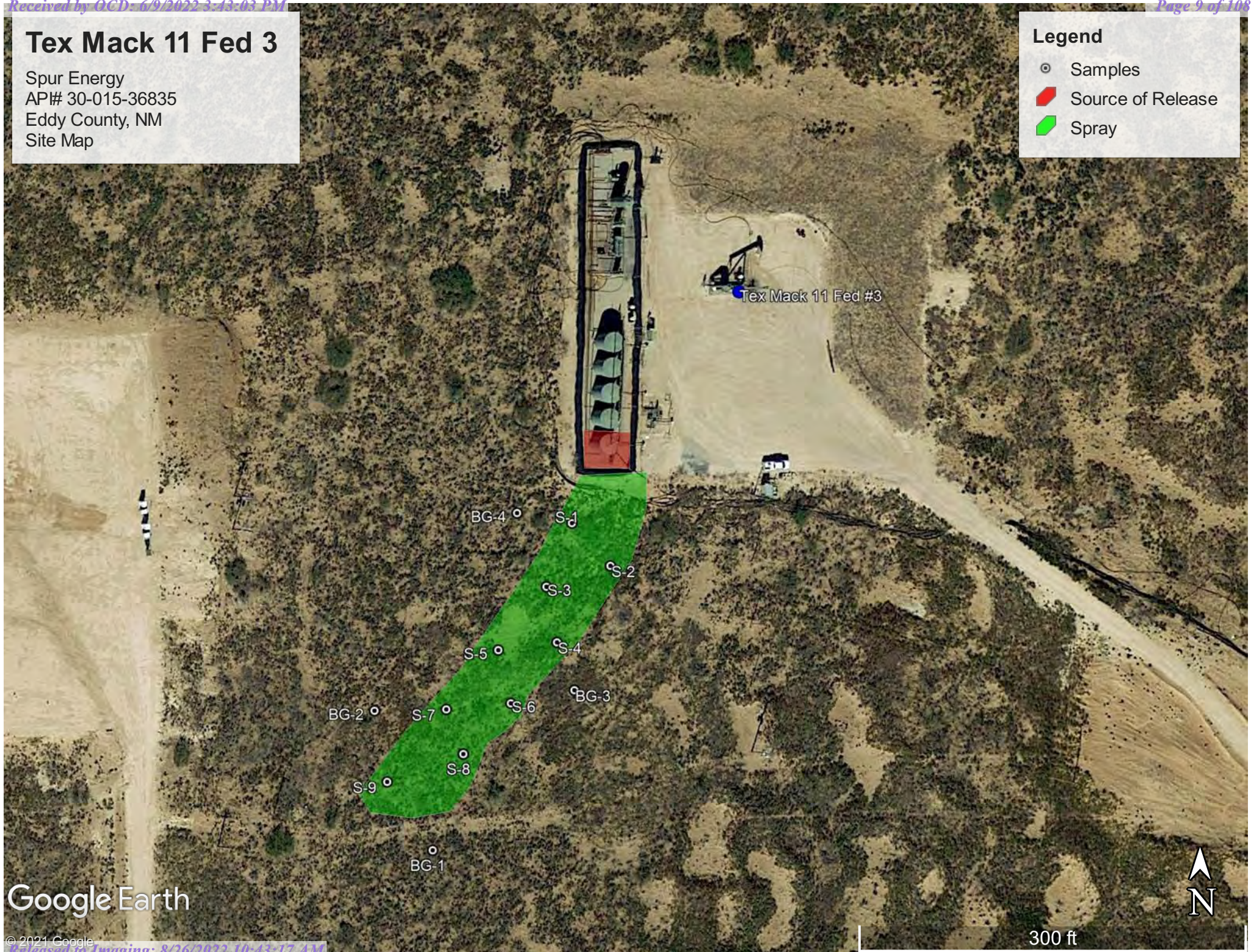
9 mi

Tex Mack 11 Fed 3

Spur Energy
AP# 30-015-36835
Eddy County, NM
Site Map

Legend

- Samples
- Source of Release
- Spray



Google Earth

Tex Mack 11 Fed 3

Spur energy
API# 30-015-36835
Eddy County, NM
Confirmation Map

Legend

- Confirmation Sample
- Confirmation Sidewalls

Tex mack 11 fed 3

SW1 SW2
SW8 SW5
SW7 SW3
SW4


S1 S2 S3
S4 S5 S6 S7
S9 S10 S11 S12
S13 S14 S15 S16
S17 S18 S19 S20
S21 S22 S23 S24
S25 S26 S27




Tex Mack 11 Fed 3

Spur Energy
API # 30-015-36835
Eddy County, NM
Containment Map

Legend

 In-Containment Spill Area

Tex Mack 11 Fed #3

 32.855308, -103.848045

Google Earth

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90 ft



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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	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
L_14207 POD3		L	LE	2	3	3	31	16S	37E	606117	3636977	2026	240	96	144
L_10206		L	LE	2	2	23	16S	31E	609045	3642204*		6475	280		
L_10203		L	LE	4	4	3	14	16S	31E	608334	3642495*	6667	310		
L_03852 POD4		L	LE	3	4	3	13	16S	31E	609744	3642516*	6944	333	299	34
L_03852 X	R	L	LE	4	4	4	13	16S	31E	610749	3642526*	7299	333	299	34
RA 11590 POD3		RA	ED	3	1	2	32	17S	31E	603932	3629260	7640	60		
RA 11590 POD4		RA	ED	4	1	1	32	17S	31E	603308	3629253	7980	55		

Average Depth to Water: **231 feet**

Minimum Depth: **96 feet**

Maximum Depth: **299 feet**

Record Count: 7

UTMNAD83 Radius Search (in meters):

Easting (X): 607800.53

Northing (Y): 3635848.84

Radius: 8000

*UTM location was derived from PLSS - see Help

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

7/6/21 2:17 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER



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National Water Information System: Web Interface

USGS Water Resources

Data Category:

Groundwater

Geographic Area:

United States

GO

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Groundwater levels for the Nation

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Search Results -- 1 sites found

site_no list =

- 325347103494901

Minimum number of levels = 1

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

USGS 325347103494901 16S.31E.23.444321

Available data for this site

Groundwater: Field measurements

GO

Eddy County, New Mexico

Hydrologic Unit Code 13060011

Latitude 32°53'47", Longitude 103°49'49" NAD27

Land-surface elevation 4,240 feet above NAVD88

The depth of the well is 167 feet below land surface.

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

This well is completed in the Ogallala Formation (121OGLL) local aquifer.

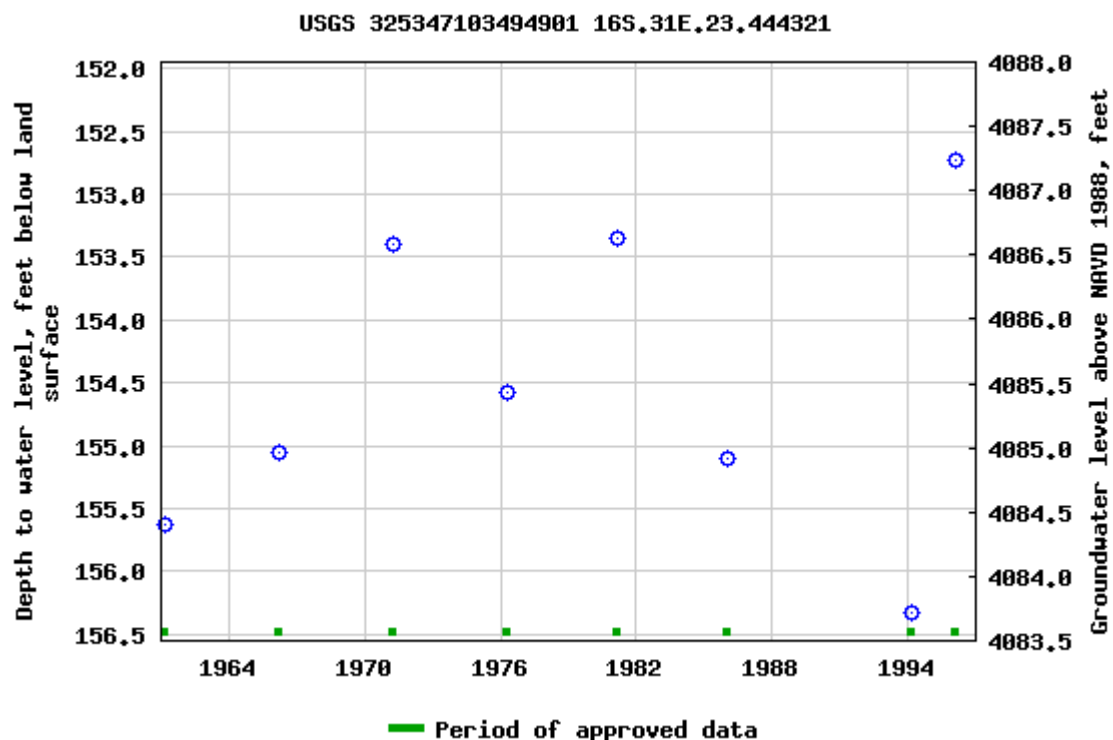
Output formats

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

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Title: Groundwater for USA: Water Levels

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

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0.58 0.47 nadww01





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National Water Information System: Web Interface

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Data Category:

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Geographic Area:

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Search Results -- 1 sites found

site_no list =

- 325216103575701

Minimum number of levels = 1

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USGS 325216103575701 16S.30E.33.42443

Available data for this site

Groundwater: Field measurements

GO

Eddy County, New Mexico

Hydrologic Unit Code 13060011

Latitude 32°52'16", Longitude 103°57'57" NAD27

Land-surface elevation 3,729 feet above NAVD88

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

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

This well is completed in the Santa Rosa Sandstone (231SNRS) local aquifer.

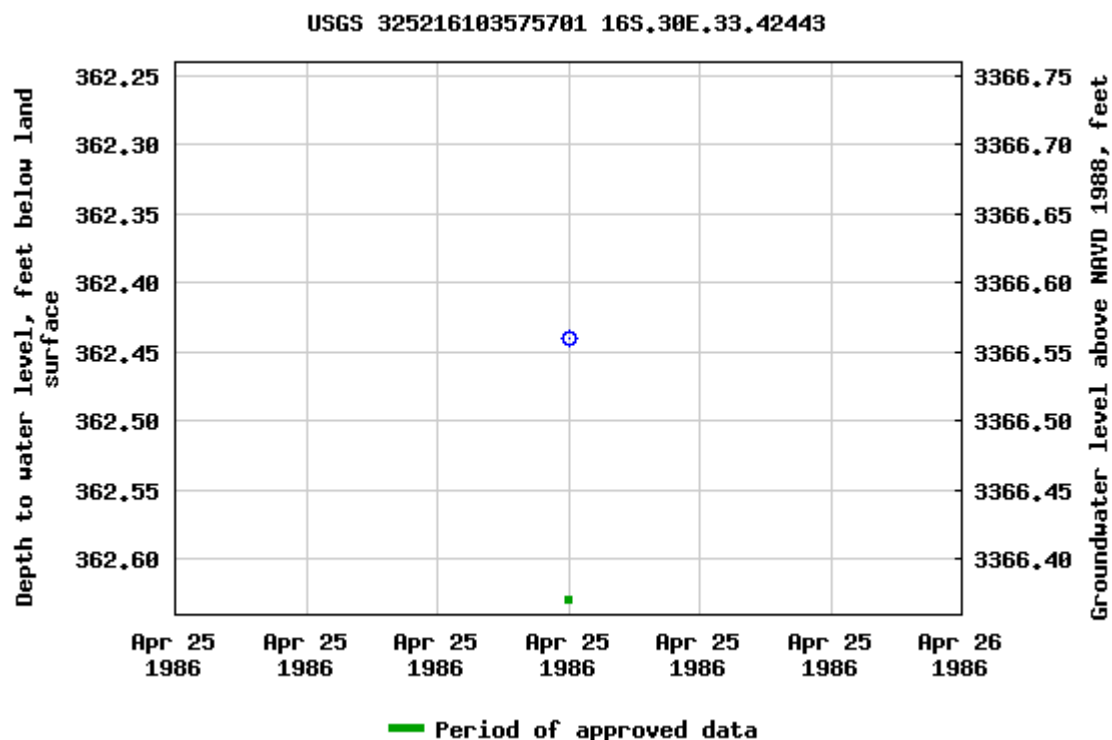
Output formats

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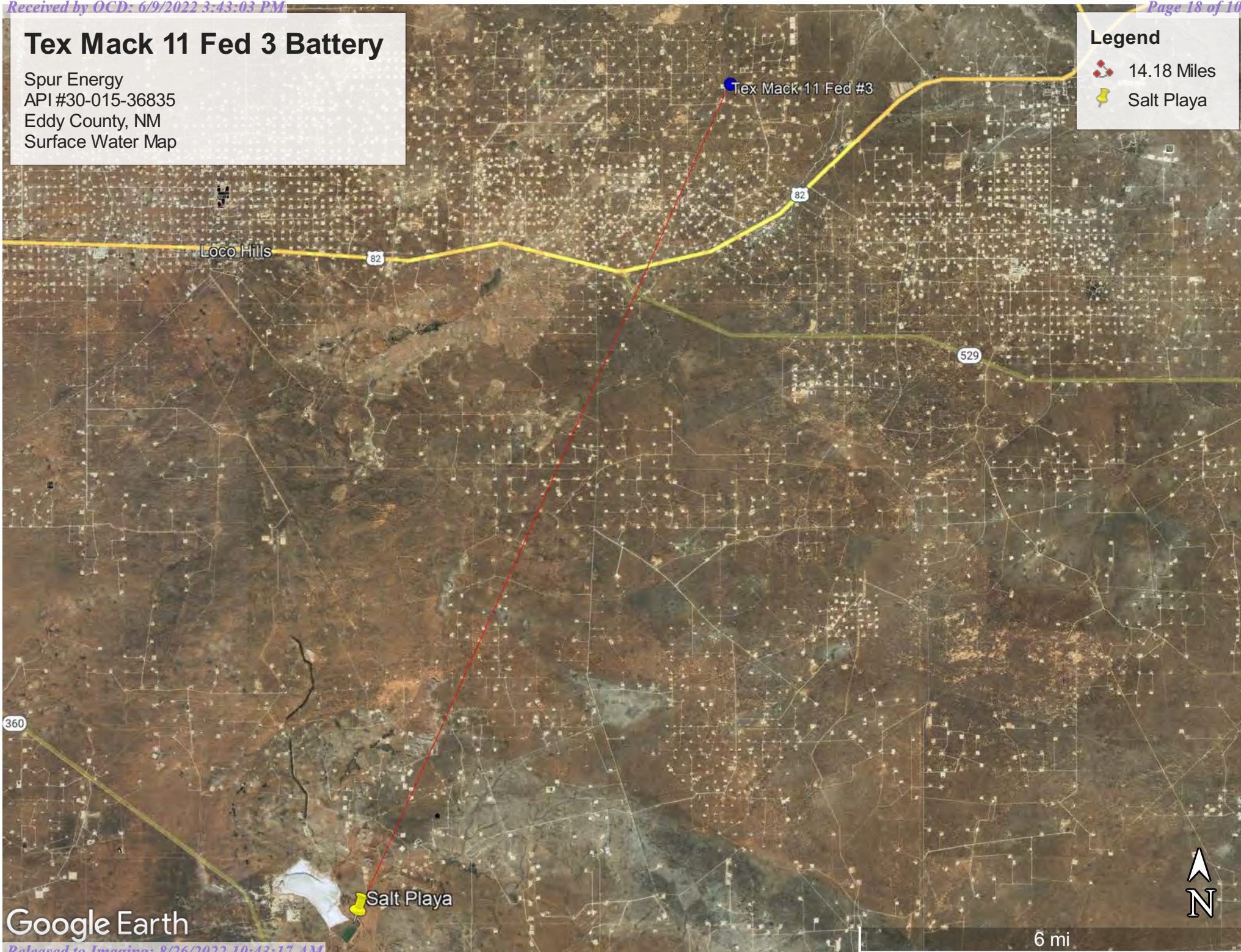
0.59 0.47 nadww01

Tex Mack 11 Fed 3 Battery

Spur Energy
API #30-015-36835
Eddy County, NM
Surface Water Map

Legend

-  14.18 Miles
-  Salt Playa



Google Earth

6 mi



Pima Environmental Services

Appendix B

Soil Survey & Geological Data

FEMA Flood Map

Map Unit Description: Kermit-Berino fine sands, 0 to 3 percent slopes---Eddy Area, New Mexico

Eddy Area, New Mexico

KM—Kermit-Berino fine sands, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 1w4q

Elevation: 3,100 to 4,200 feet

Mean annual precipitation: 10 to 14 inches

Mean annual air temperature: 60 to 64 degrees F

Frost-free period: 190 to 230 days

Farmland classification: Not prime farmland

Map Unit Composition

Kermit and similar soils: 50 percent

Berino and similar soils: 35 percent

Minor components: 15 percent

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

Description of Kermit

Setting

Landform: Plains, alluvial fans

Landform position (three-dimensional): Talf, rise

Down-slope shape: Convex, linear

Across-slope shape: Linear

Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 7 inches: fine sand

H2 - 7 to 60 inches: fine sand

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Excessively drained

Runoff class: Negligible

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

Maximum salinity: Nonsaline (0.0 to 1.0 mmhos/cm)

Sodium adsorption ratio, maximum: 1.0

Available water supply, 0 to 60 inches: Low (about 3.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 7e

Hydrologic Soil Group: A

Ecological site: R042XC005NM - Deep Sand

Hydric soil rating: No

Map Unit Description: Kermit-Berino fine sands, 0 to 3 percent slopes---Eddy Area, New Mexico

Description of Berino

Setting

Landform: Plains, fan piedmonts
Landform position (three-dimensional): Riser
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 17 inches: fine sand
H2 - 17 to 50 inches: fine sandy loam
H3 - 50 to 58 inches: loamy sand

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 40 percent
Maximum salinity: Very slightly saline to slightly saline (2.0 to 4.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Moderate (about 7.2 inches)

Interpretive groups

Land capability classification (irrigated): 4e
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: B
Ecological site: R042XC003NM - Loamy Sand
Hydric soil rating: No

Minor Components

Active dune land

Percent of map unit: 15 percent
Hydric soil rating: No

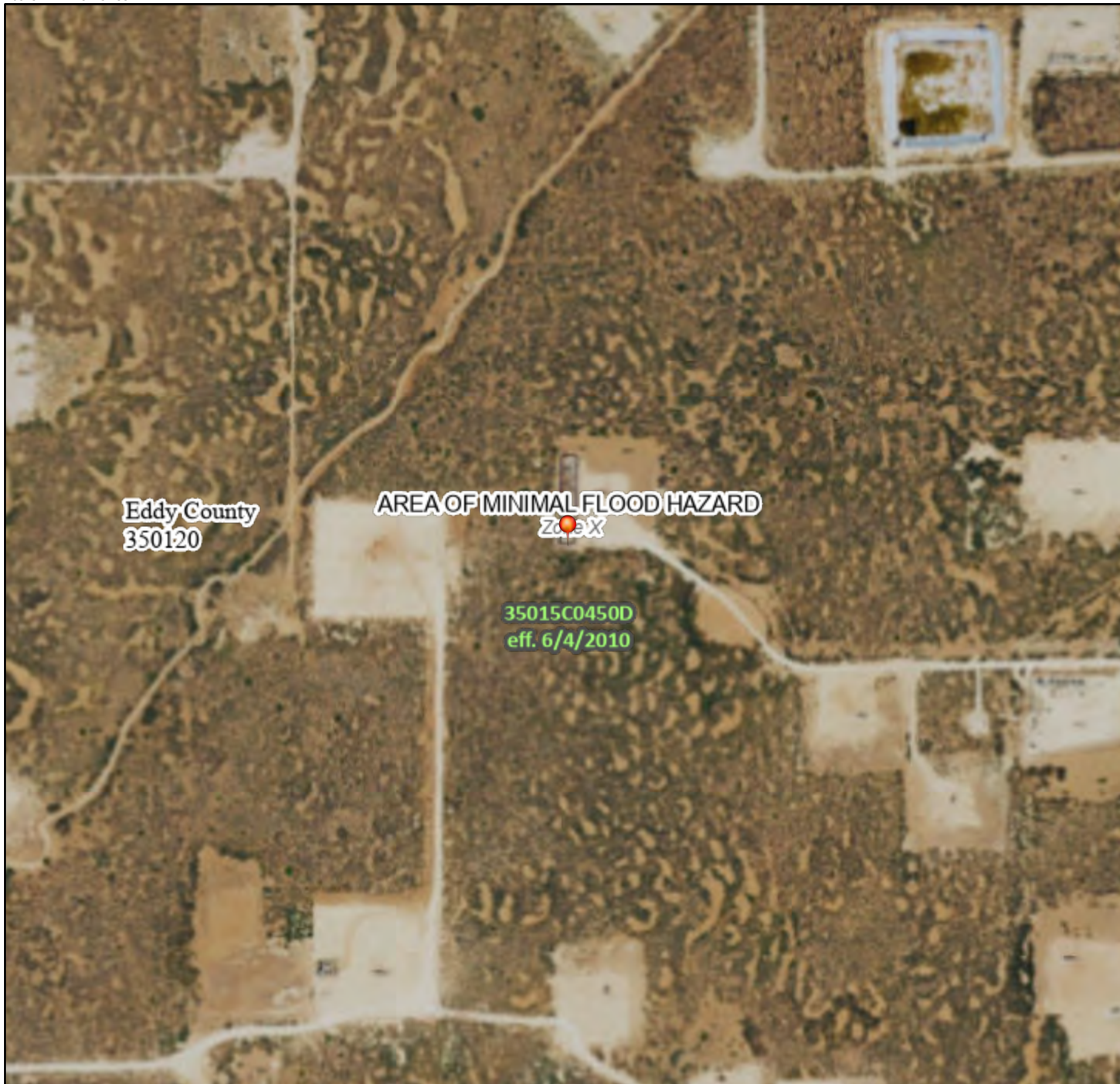
Data Source Information

Soil Survey Area: Eddy Area, New Mexico
Survey Area Data: Version 17, Sep 12, 2021

National Flood Hazard Layer FIRMette



103°51'12"W 32°51'33"N



103°50'35"W 32°51'3"N

Released to Imaging: 8/26/2022 10:43:17 AM

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

Legend

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

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



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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 10/26/2021 at 11:22 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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



Pima Environmental Services

Appendix C

C-141 Form
48-Hour Notifications

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

State of New Mexico
Energy Minerals and Natural
Resources Department
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

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

Incident ID	NAPP2119557530
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	Spur Energy Partners LLC	OGRID	328947
Contact Name	Braidy Moulder	Contact Telephone	713-264-2517
Contact email	bmoulder@spurepllc.com	Incident # (assigned by OCD)	NAPP2119557530
Contact mailing address	2407 Pecos Avenue, Artesia, NM 88210		

Location of Release Source

Latitude 32.855442 Longitude -103.8479309
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	TEX MACK 11 FEDERAL #003 BATTERY	Site Type	Production
Date Release Discovered	06/21/2021	API# (if applicable)	

Unit Letter	Section	Township	Range	County
D	11	17S	31E	Eddy

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

Nature and Volume of Release

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

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) 33	Volume Recovered (bbls) 30
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release Transfer pump never came on due to an overload trip from the lightning storm.

Form C-141

State of New Mexico

Page 2

Oil Conservation Division

Incident ID	NAPP2119557530
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? >25 bbls
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Dakota Neel (SPUR) sent an email to Mike Bratcher and Jim Griswold on 6/22/2021.	

Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why: 	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: <u>Dakota Neel</u>	Title: <u>HSE Coordinator</u>
Signature: <u></u>	Date: <u>7/12/2021</u>
email: <u>dneel@spurepllc.com</u>	Telephone: <u>832-849-7837</u>
<u>OCD Only</u>	
Received by: <u>Ramona Marcus</u>	Date: <u>10/5/2021</u>

Incident ID	NAPP2119557530
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>96</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

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

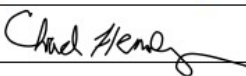
If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods,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

State of New Mexico
Oil Conservation Division

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Incident ID	NAPP2119557530
District RP	
Facility ID	
Application ID	

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

Printed Name: Chad Hensley Title: HSE Coordinator
Signature:  Date: 6/9/2022
email: chensley@spurenergy.com Telephone: (346) 339-1494

OCD Only

Received by: _____ Date: _____

Incident ID	NAPP2119557530
District RP	
Facility ID	
Application ID	


Closure

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

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

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

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

Printed Name: Chad Hensley Title: HSE Coordinator
Signature:  Date: 6/6/2022
email: chensley@spurenergy.com Telephone: (346) 339-1494

OCD Only

Received by: _____ Date: _____

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

Closure Approved by:  Date: 08/26/2022
Printed Name: Jennifer Nobui Title: Environmental Specialist A

From: sebastian@pimaoil.com
To: ocdonline@state.nm.us
Cc: tom@pimaoil.com; gio@pimaoil.com
Subject: Tex Mack 11 Federal #003 Battery- 48 Hour Notification
Date: Monday, November 22, 2021 5:40:20 PM

Good afternoon,

Pima Environmental would like to notify you that we will be collecting confirmation samples at the Tex Mack 11 Federal #3 for incident NAPP2119557530. Pima personnel is scheduled to be on site for this sampling event at approximately 8:00 a.m. on Wednesday, November 24, 2021. If you have any questions or concerns, please let me know. Thank you.

Respectfully,

Sebastian Orozco

Environmental Professional

1601 N. Turner Ste. 500

Hobbs, NM 88240

Sebastian@pimaoil.com

619-721-4813 cell



Gio PimaOil <gio@pimaoil.com>

Tex Mack 11 Liner Inspection

1 message

Gio PimaOil <gio@pimaoil.com>

Thu, Apr 28, 2022 at 2:43 PM

To: Tom Pima Oil <tom@pimaoil.com>, ocdonline@state.nm.us, Ned Pima Oil <ned@pimaoil.com>

Good afternoon,

Pima Environmental would like to notify you that we will be conducting a liner Inspection at the Tex Mack 11 Fed #003 Battery for incident NAPP2119557530. Pima personnel are scheduled to be on site for this Inspection event at approximately 10:00 a.m. On Sunday, May 1st, 2022. If you have any questions or concerns, please let me know. Thank you.

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



Pima Environmental Services

Appendix D

Liner Inspection Form

Photographic Documentation



Pima Environmental Services, LLC

Liner Inspection FormCompany Name: Spur Energy Partners, LLCSite: Tex Mack 11 Fed #3Lat/Long: 32.857531,-103.946134NMOCD Incident ID
& Incident Date: NAPP2119557530--6/21/20212-Day Notification
Sent: 4/28/2022Inspection Date: 5/1/2022

Liner Type: **Earthen w/liner** Earthen no liner Polystar
Steel w/poly liner Steel w/spray epoxy No Liner

Other: _____

Visualization	Yes	No	Comments
Is there a tear in the liner?		X	
Are there holes in the liner?		X	
Is the liner retaining any fluids?		X	
Does the liner have integrity to contain a leak?	X		

Comments: _____

Inspector Name: Ned Rogers Inspector Signature: Ned Rogers



**SITE PHOTOGRAPHS
SPUR ENERGY PARTNERS**

TEX MACK 11 FED #3















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 08, 2021

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

RE: Tex Mack 11

OrderNo.: 2106E32

Dear Chris Jones:

Hall Environmental Analysis Laboratory received 17 sample(s) on 6/26/2021 for the analyses presented in the following report.

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

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

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

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written over a light blue horizontal line.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order 2106E32

Date Reported: 7/8/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S1-Surface

Project: Tex Mack 11

Collection Date: 6/25/2021

Lab ID: 2106E32-001

Matrix: SOIL

Received Date: 6/26/2021 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: SB
Diesel Range Organics (DRO)	16000	970		mg/Kg	100	6/30/2021 2:49:56 PM
Motor Oil Range Organics (MRO)	11000	4900		mg/Kg	100	6/30/2021 2:49:56 PM
Surr: DNOP	0	70-130	S	%Rec	100	6/30/2021 2:49:56 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	110	24		mg/Kg	5	7/1/2021 8:12:29 PM
Surr: BFB	272	70-130	S	%Rec	5	7/1/2021 8:12:29 PM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.12		mg/Kg	5	7/1/2021 8:12:29 PM
Toluene	ND	0.24		mg/Kg	5	7/1/2021 8:12:29 PM
Ethylbenzene	1.8	0.24		mg/Kg	5	7/1/2021 8:12:29 PM
Xylenes, Total	3.4	0.48		mg/Kg	5	7/1/2021 8:12:29 PM
Surr: 4-Bromofluorobenzene	126	70-130		%Rec	5	7/1/2021 8:12:29 PM
EPA METHOD 300.0: ANIONS						Analyst: VP
Chloride	600	60		mg/Kg	20	7/2/2021 3:04:58 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		

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Analytical Report

Lab Order 2106E32

Date Reported: 7/8/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S1-1'

Project: Tex Mack 11

Collection Date: 6/25/2021

Lab ID: 2106E32-002

Matrix: SOIL

Received Date: 6/26/2021 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: SB
Diesel Range Organics (DRO)	320	18		mg/Kg	2	6/30/2021 3:02:03 PM
Motor Oil Range Organics (MRO)	220	92		mg/Kg	2	6/30/2021 3:02:03 PM
Surr: DNOP	88.4	70-130		%Rec	2	6/30/2021 3:02:03 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/1/2021 8:59:35 PM
Surr: BFB	115	70-130		%Rec	1	7/1/2021 8:59:35 PM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	7/1/2021 8:59:35 PM
Toluene	ND	0.048		mg/Kg	1	7/1/2021 8:59:35 PM
Ethylbenzene	ND	0.048		mg/Kg	1	7/1/2021 8:59:35 PM
Xylenes, Total	ND	0.095		mg/Kg	1	7/1/2021 8:59:35 PM
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	7/1/2021 8:59:35 PM
EPA METHOD 300.0: ANIONS						Analyst: VP
Chloride	ND	60		mg/Kg	20	7/2/2021 8:30:39 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		

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Analytical Report

Lab Order 2106E32

Date Reported: 7/8/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S1-2'

Project: Tex Mack 11

Collection Date: 6/25/2021

Lab ID: 2106E32-003

Matrix: SOIL

Received Date: 6/26/2021 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: SB
Diesel Range Organics (DRO)	94	9.4		mg/Kg	1	6/30/2021 3:14:15 PM
Motor Oil Range Organics (MRO)	82	47		mg/Kg	1	6/30/2021 3:14:15 PM
Surr: DNOP	97.7	70-130		%Rec	1	6/30/2021 3:14:15 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/1/2021 9:23:06 PM
Surr: BFB	99.9	70-130		%Rec	1	7/1/2021 9:23:06 PM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	7/1/2021 9:23:06 PM
Toluene	ND	0.049		mg/Kg	1	7/1/2021 9:23:06 PM
Ethylbenzene	ND	0.049		mg/Kg	1	7/1/2021 9:23:06 PM
Xylenes, Total	ND	0.098		mg/Kg	1	7/1/2021 9:23:06 PM
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	7/1/2021 9:23:06 PM
EPA METHOD 300.0: ANIONS						Analyst: VP
Chloride	ND	60		mg/Kg	20	7/2/2021 9:07:52 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		

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Analytical Report

Lab Order 2106E32

Date Reported: 7/8/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S2-Surface

Project: Tex Mack 11

Collection Date: 6/25/2021

Lab ID: 2106E32-004

Matrix: SOIL

Received Date: 6/26/2021 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: SB
Diesel Range Organics (DRO)	24000	850		mg/Kg	100	6/30/2021 3:26:21 PM
Motor Oil Range Organics (MRO)	15000	4200		mg/Kg	100	6/30/2021 3:26:21 PM
Surr: DNOP	0	70-130	S	%Rec	100	6/30/2021 3:26:21 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	550	96		mg/Kg	20	7/1/2021 11:08:41 AM
Surr: BFB	281	70-130	S	%Rec	20	7/1/2021 11:08:41 AM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.48		mg/Kg	20	7/1/2021 11:08:41 AM
Toluene	3.9	0.96		mg/Kg	20	7/1/2021 11:08:41 AM
Ethylbenzene	17	0.96		mg/Kg	20	7/1/2021 11:08:41 AM
Xylenes, Total	25	1.9		mg/Kg	20	7/1/2021 11:08:41 AM
Surr: 4-Bromofluorobenzene	127	70-130		%Rec	20	7/1/2021 11:08:41 AM
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	150	60		mg/Kg	20	7/2/2021 4:42:46 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		

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Analytical Report

Lab Order 2106E32

Date Reported: 7/8/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S2-1'

Project: Tex Mack 11

Collection Date: 6/25/2021

Lab ID: 2106E32-005

Matrix: SOIL

Received Date: 6/26/2021 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: SB
Diesel Range Organics (DRO)	430	44		mg/Kg	5	6/30/2021 3:38:29 PM
Motor Oil Range Organics (MRO)	380	220		mg/Kg	5	6/30/2021 3:38:29 PM
Surr: DNOP	102	70-130		%Rec	5	6/30/2021 3:38:29 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/1/2021 9:46:42 PM
Surr: BFB	123	70-130		%Rec	1	7/1/2021 9:46:42 PM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	7/1/2021 9:46:42 PM
Toluene	ND	0.049		mg/Kg	1	7/1/2021 9:46:42 PM
Ethylbenzene	ND	0.049		mg/Kg	1	7/1/2021 9:46:42 PM
Xylenes, Total	ND	0.097		mg/Kg	1	7/1/2021 9:46:42 PM
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	7/1/2021 9:46:42 PM
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	68	61		mg/Kg	20	7/2/2021 5:20:00 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 2106E32

Date Reported: 7/8/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S2-2'

Project: Tex Mack 11

Collection Date: 6/25/2021

Lab ID: 2106E32-006

Matrix: SOIL

Received Date: 6/26/2021 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: SB
Diesel Range Organics (DRO)	1600	48		mg/Kg	5	6/30/2021 3:50:38 PM
Motor Oil Range Organics (MRO)	1000	240		mg/Kg	5	6/30/2021 3:50:38 PM
Surr: DNOP	104	70-130		%Rec	5	6/30/2021 3:50:38 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	22	4.9		mg/Kg	1	7/1/2021 10:10:18 PM
Surr: BFB	264	70-130	S	%Rec	1	7/1/2021 10:10:18 PM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	7/1/2021 10:10:18 PM
Toluene	0.050	0.049		mg/Kg	1	7/1/2021 10:10:18 PM
Ethylbenzene	0.45	0.049		mg/Kg	1	7/1/2021 10:10:18 PM
Xylenes, Total	0.72	0.097		mg/Kg	1	7/1/2021 10:10:18 PM
Surr: 4-Bromofluorobenzene	123	70-130		%Rec	1	7/1/2021 10:10:18 PM
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	ND	60		mg/Kg	20	7/2/2021 5:32:24 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		

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Analytical Report

Lab Order 2106E32

Date Reported: 7/8/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S3-Surface

Project: Tex Mack 11

Collection Date: 6/25/2021

Lab ID: 2106E32-007

Matrix: SOIL

Received Date: 6/26/2021 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: SB
Diesel Range Organics (DRO)	ND	8.7		mg/Kg	1	6/30/2021 4:14:51 PM
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	6/30/2021 4:14:51 PM
Surr: DNOP	97.0	70-130		%Rec	1	6/30/2021 4:14:51 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	7/1/2021 10:33:49 PM
Surr: BFB	95.9	70-130		%Rec	1	7/1/2021 10:33:49 PM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	7/1/2021 10:33:49 PM
Toluene	ND	0.047		mg/Kg	1	7/1/2021 10:33:49 PM
Ethylbenzene	ND	0.047		mg/Kg	1	7/1/2021 10:33:49 PM
Xylenes, Total	ND	0.095		mg/Kg	1	7/1/2021 10:33:49 PM
Surr: 4-Bromofluorobenzene	98.9	70-130		%Rec	1	7/1/2021 10:33:49 PM
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	ND	60		mg/Kg	20	7/2/2021 6:09:37 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		

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Analytical Report

Lab Order 2106E32

Date Reported: 7/8/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S4-Surface

Project: Tex Mack 11

Collection Date: 6/25/2021

Lab ID: 2106E32-008

Matrix: SOIL

Received Date: 6/26/2021 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: SB
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	6/30/2021 4:27:00 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/30/2021 4:27:00 PM
Surr: DNOP	102	70-130		%Rec	1	6/30/2021 4:27:00 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/1/2021 11:44:22 PM
Surr: BFB	97.1	70-130		%Rec	1	7/1/2021 11:44:22 PM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	7/1/2021 11:44:22 PM
Toluene	ND	0.049		mg/Kg	1	7/1/2021 11:44:22 PM
Ethylbenzene	ND	0.049		mg/Kg	1	7/1/2021 11:44:22 PM
Xylenes, Total	ND	0.099		mg/Kg	1	7/1/2021 11:44:22 PM
Surr: 4-Bromofluorobenzene	98.5	70-130		%Rec	1	7/1/2021 11:44:22 PM
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	ND	60		mg/Kg	20	7/2/2021 6:22:01 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		

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Analytical Report

Lab Order 2106E32

Date Reported: 7/8/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S5-Surface

Project: Tex Mack 11

Collection Date: 6/25/2021

Lab ID: 2106E32-009

Matrix: SOIL

Received Date: 6/26/2021 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: SB
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	6/30/2021 4:39:12 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/30/2021 4:39:12 PM
Surr: DNOP	113	70-130		%Rec	1	6/30/2021 4:39:12 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	7/2/2021 12:07:51 AM
Surr: BFB	97.6	70-130		%Rec	1	7/2/2021 12:07:51 AM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.023		mg/Kg	1	7/2/2021 12:07:51 AM
Toluene	ND	0.046		mg/Kg	1	7/2/2021 12:07:51 AM
Ethylbenzene	ND	0.046		mg/Kg	1	7/2/2021 12:07:51 AM
Xylenes, Total	ND	0.093		mg/Kg	1	7/2/2021 12:07:51 AM
Surr: 4-Bromofluorobenzene	99.1	70-130		%Rec	1	7/2/2021 12:07:51 AM
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	ND	60		mg/Kg	20	7/2/2021 6:34:26 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 2106E32

Date Reported: 7/8/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S6-Surface

Project: Tex Mack 11

Collection Date: 6/25/2021

Lab ID: 2106E32-010

Matrix: SOIL

Received Date: 6/26/2021 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: SB
Diesel Range Organics (DRO)	ND	8.3		mg/Kg	1	6/30/2021 4:51:20 PM
Motor Oil Range Organics (MRO)	ND	41		mg/Kg	1	6/30/2021 4:51:20 PM
Surr: DNOP	101	70-130		%Rec	1	6/30/2021 4:51:20 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	7/2/2021 12:31:24 AM
Surr: BFB	99.0	70-130		%Rec	1	7/2/2021 12:31:24 AM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	7/2/2021 12:31:24 AM
Toluene	ND	0.047		mg/Kg	1	7/2/2021 12:31:24 AM
Ethylbenzene	ND	0.047		mg/Kg	1	7/2/2021 12:31:24 AM
Xylenes, Total	ND	0.094		mg/Kg	1	7/2/2021 12:31:24 AM
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	7/2/2021 12:31:24 AM
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	ND	60		mg/Kg	20	7/2/2021 6:46:51 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		

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Analytical Report

Lab Order 2106E32

Date Reported: 7/8/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S7-Surface

Project: Tex Mack 11

Collection Date: 6/25/2021

Lab ID: 2106E32-011

Matrix: SOIL

Received Date: 6/26/2021 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: SB
Diesel Range Organics (DRO)	ND	7.8		mg/Kg	1	6/30/2021 5:03:23 PM
Motor Oil Range Organics (MRO)	ND	39		mg/Kg	1	6/30/2021 5:03:23 PM
Surr: DNOP	104	70-130		%Rec	1	6/30/2021 5:03:23 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	7/2/2021 12:54:51 AM
Surr: BFB	97.6	70-130		%Rec	1	7/2/2021 12:54:51 AM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.023		mg/Kg	1	7/2/2021 12:54:51 AM
Toluene	ND	0.047		mg/Kg	1	7/2/2021 12:54:51 AM
Ethylbenzene	ND	0.047		mg/Kg	1	7/2/2021 12:54:51 AM
Xylenes, Total	ND	0.093		mg/Kg	1	7/2/2021 12:54:51 AM
Surr: 4-Bromofluorobenzene	98.3	70-130		%Rec	1	7/2/2021 12:54:51 AM
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	ND	60		mg/Kg	20	7/2/2021 6:59:15 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		

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Analytical Report

Lab Order 2106E32

Date Reported: 7/8/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S8-Surface

Project: Tex Mack 11

Collection Date: 6/25/2021

Lab ID: 2106E32-012

Matrix: SOIL

Received Date: 6/26/2021 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: SB
Diesel Range Organics (DRO)	ND	9.0		mg/Kg	1	6/30/2021 5:15:32 PM
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	6/30/2021 5:15:32 PM
Surr: DNOP	97.0	70-130		%Rec	1	6/30/2021 5:15:32 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/2/2021 1:18:18 AM
Surr: BFB	98.0	70-130		%Rec	1	7/2/2021 1:18:18 AM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	7/2/2021 1:18:18 AM
Toluene	ND	0.050		mg/Kg	1	7/2/2021 1:18:18 AM
Ethylbenzene	ND	0.050		mg/Kg	1	7/2/2021 1:18:18 AM
Xylenes, Total	ND	0.099		mg/Kg	1	7/2/2021 1:18:18 AM
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	7/2/2021 1:18:18 AM
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	ND	60		mg/Kg	20	7/2/2021 7:11:40 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		

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Analytical Report

Lab Order 2106E32

Date Reported: 7/8/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S9-Surface

Project: Tex Mack 11

Collection Date: 6/25/2021

Lab ID: 2106E32-013

Matrix: SOIL

Received Date: 6/26/2021 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: SB
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	6/29/2021 11:26:48 AM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/29/2021 11:26:48 AM
Surr: DNOP	104	70-130		%Rec	1	6/29/2021 11:26:48 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: mb
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	7/2/2021 1:25:00 PM
Surr: BFB	101	70-130		%Rec	1	7/2/2021 1:25:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: mb
Benzene	ND	0.023		mg/Kg	1	7/2/2021 1:25:00 PM
Toluene	ND	0.047		mg/Kg	1	7/2/2021 1:25:00 PM
Ethylbenzene	ND	0.047		mg/Kg	1	7/2/2021 1:25:00 PM
Xylenes, Total	ND	0.093		mg/Kg	1	7/2/2021 1:25:00 PM
Surr: 4-Bromofluorobenzene	91.7	70-130		%Rec	1	7/2/2021 1:25:00 PM
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	ND	60		mg/Kg	20	7/2/2021 7:24:05 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		

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Analytical Report

Lab Order 2106E32

Date Reported: 7/8/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: BG1

Project: Tex Mack 11

Collection Date: 6/25/2021

Lab ID: 2106E32-014

Matrix: SOIL

Received Date: 6/26/2021 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	6/29/2021 12:37:56 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/29/2021 12:37:56 PM
Surr: DNOP	94.4	70-130		%Rec	1	6/29/2021 12:37:56 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/2/2021 2:25:00 PM
Surr: BFB	96.9	70-130		%Rec	1	7/2/2021 2:25:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: mb
Benzene	ND	0.025		mg/Kg	1	7/2/2021 2:25:00 PM
Toluene	ND	0.049		mg/Kg	1	7/2/2021 2:25:00 PM
Ethylbenzene	ND	0.049		mg/Kg	1	7/2/2021 2:25:00 PM
Xylenes, Total	ND	0.098		mg/Kg	1	7/2/2021 2:25:00 PM
Surr: 4-Bromofluorobenzene	92.8	70-130		%Rec	1	7/2/2021 2:25:00 PM
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	ND	60		mg/Kg	20	7/2/2021 7:36:29 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 2106E32

Date Reported: 7/8/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: BG2

Project: Tex Mack 11

Collection Date: 6/25/2021

Lab ID: 2106E32-015

Matrix: SOIL

Received Date: 6/26/2021 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	6/29/2021 1:01:41 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/29/2021 1:01:41 PM
Surr: DNOP	90.5	70-130		%Rec	1	6/29/2021 1:01:41 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: mb
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	7/2/2021 3:25:00 PM
Surr: BFB	97.8	70-130		%Rec	1	7/2/2021 3:25:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: mb
Benzene	ND	0.023		mg/Kg	1	7/2/2021 3:25:00 PM
Toluene	ND	0.047		mg/Kg	1	7/2/2021 3:25:00 PM
Ethylbenzene	ND	0.047		mg/Kg	1	7/2/2021 3:25:00 PM
Xylenes, Total	ND	0.094		mg/Kg	1	7/2/2021 3:25:00 PM
Surr: 4-Bromofluorobenzene	92.3	70-130		%Rec	1	7/2/2021 3:25:00 PM
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	ND	60		mg/Kg	20	7/2/2021 7:48:54 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 2106E32

Date Reported: 7/8/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: BG3

Project: Tex Mack 11

Collection Date: 6/25/2021

Lab ID: 2106E32-016

Matrix: SOIL

Received Date: 6/26/2021 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	6/29/2021 1:25:28 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/29/2021 1:25:28 PM
Surr: DNOP	96.2	70-130		%Rec	1	6/29/2021 1:25:28 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/2/2021 3:45:00 PM
Surr: BFB	107	70-130		%Rec	1	7/2/2021 3:45:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: mb
Benzene	ND	0.024		mg/Kg	1	7/2/2021 3:45:00 PM
Toluene	ND	0.048		mg/Kg	1	7/2/2021 3:45:00 PM
Ethylbenzene	ND	0.048		mg/Kg	1	7/2/2021 3:45:00 PM
Xylenes, Total	ND	0.097		mg/Kg	1	7/2/2021 3:45:00 PM
Surr: 4-Bromofluorobenzene	98.3	70-130		%Rec	1	7/2/2021 3:45:00 PM
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	ND	60		mg/Kg	20	7/2/2021 8:01:19 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 2106E32

Date Reported: 7/8/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: BG4

Project: Tex Mack 11

Collection Date: 6/25/2021

Lab ID: 2106E32-017

Matrix: SOIL

Received Date: 6/26/2021 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: SB
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	6/29/2021 1:49:12 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/29/2021 1:49:12 PM
Surr: DNOP	88.6	70-130		%Rec	1	6/29/2021 1:49:12 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: mb
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/2/2021 4:05:00 PM
Surr: BFB	94.4	70-130		%Rec	1	7/2/2021 4:05:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: mb
Benzene	ND	0.025		mg/Kg	1	7/2/2021 4:05:00 PM
Toluene	ND	0.050		mg/Kg	1	7/2/2021 4:05:00 PM
Ethylbenzene	ND	0.050		mg/Kg	1	7/2/2021 4:05:00 PM
Xylenes, Total	ND	0.099		mg/Kg	1	7/2/2021 4:05:00 PM
Surr: 4-Bromofluorobenzene	89.5	70-130		%Rec	1	7/2/2021 4:05:00 PM
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	ND	60		mg/Kg	20	7/6/2021 10:07:22 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		

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QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2106E32

08-Jul-21

Client: Pima Environmental Services LLC**Project:** Tex Mack 11

Sample ID: MB-61059	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 61059	RunNo: 79497								
Prep Date: 6/30/2021	Analysis Date: 7/1/2021	SeqNo: 2796279 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-61059	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 61059	RunNo: 79497								
Prep Date: 6/30/2021	Analysis Date: 7/1/2021	SeqNo: 2796280 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	96.7	90	110			

Sample ID: MB-61065	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 61065	RunNo: 79568								
Prep Date: 6/30/2021	Analysis Date: 7/2/2021	SeqNo: 2797934 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-61065	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 61065	RunNo: 79568								
Prep Date: 6/30/2021	Analysis Date: 7/2/2021	SeqNo: 2797935 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	95.1	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

Page 18 of 24

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2106E32

08-Jul-21

Client: Pima Environmental Services LLC**Project:** Tex Mack 11

Sample ID: MB-60980	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 60980	RunNo: 79448								
Prep Date: 6/28/2021	Analysis Date: 6/29/2021	SeqNo: 2793130 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	10		10.00		103	70	130			

Sample ID: LCS-60980	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 60980	RunNo: 79448								
Prep Date: 6/28/2021	Analysis Date: 6/29/2021	SeqNo: 2793131 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	68.9	141			
Surr: DNOP	5.0		5.000		100	70	130			

Sample ID: 2106E32-013AMS	SampType: MS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: S9-Surface	Batch ID: 60980	RunNo: 79448								
Prep Date: 6/28/2021	Analysis Date: 6/29/2021	SeqNo: 2793132 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	45	9.3	46.69	0	96.8	15	184			
Surr: DNOP	4.5		4.669		97.4	70	130			

Sample ID: 2106E32-013AMSD	SampType: MSD	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: S9-Surface	Batch ID: 60980	RunNo: 79448								
Prep Date: 6/28/2021	Analysis Date: 6/29/2021	SeqNo: 2793133 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	47	9.6	48.17	0	98.4	15	184	4.79	23.9	
Surr: DNOP	4.8		4.817		99.8	70	130	0	0	

Sample ID: MB-60975	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 60975	RunNo: 79478								
Prep Date: 6/28/2021	Analysis Date: 6/30/2021	SeqNo: 2795008 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	10		10.00		104	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

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QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2106E32

08-Jul-21

Client: Pima Environmental Services LLC

Project: Tex Mack 11

Sample ID: LCS-60975	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 60975	RunNo: 79478								
Prep Date: 6/28/2021	Analysis Date: 6/30/2021	SeqNo: 2795009	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	45	10	50.00	0	89.2	68.9	141			
Surr: DNOP	5.2		5.000		103	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#: 2106E32

08-Jul-21

Client: Pima Environmental Services LLC**Project:** Tex Mack 11

Sample ID: mb-60972	SampType: MBLK		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: PBS	Batch ID: 60972		RunNo: 79512							
Prep Date: 6/28/2021	Analysis Date: 7/1/2021		SeqNo: 2796120		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1000		1000		99.8	70	130			

Sample ID: lcs-60972	SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: LCSS	Batch ID: 60972		RunNo: 79512							
Prep Date: 6/28/2021	Analysis Date: 7/1/2021		SeqNo: 2796122		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	96.1	78.6	131			
Surr: BFB	1100		1000		107	70	130			

Sample ID: mb-60977	SampType: MBLK		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: PBS	Batch ID: 60977		RunNo: 79563							
Prep Date: 6/28/2021	Analysis Date: 7/2/2021		SeqNo: 2798481		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	970		1000		97.4	70	130			

Sample ID: mb-60981	SampType: MBLK		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: PBS	Batch ID: 60981		RunNo: 79563							
Prep Date: 6/28/2021	Analysis Date: 7/2/2021		SeqNo: 2798482		Units: %Rec					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	970		1000		96.7	70	130			

Sample ID: lcs-60977	SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: LCSS	Batch ID: 60977		RunNo: 79563							
Prep Date: 6/28/2021	Analysis Date: 7/2/2021		SeqNo: 2798483		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	5.0	25.00	0	103	78.6	131			
Surr: BFB	1100		1000		109	70	130			

Sample ID: lcs-60981	SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: LCSS	Batch ID: 60981		RunNo: 79563							
Prep Date: 6/28/2021	Analysis Date: 7/2/2021		SeqNo: 2798484		Units: %Rec					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1100		1000		114	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

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QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2106E32

08-Jul-21

Client: Pima Environmental Services LLC**Project:** Tex Mack 11

Sample ID: 2106E32-013ams	SampType: MS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: S9-Surface	Batch ID: 60977	RunNo: 79563								
Prep Date: 6/28/2021	Analysis Date: 7/2/2021	SeqNo: 2798485 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	4.9	24.51	0	103	61.3	114			
Surr: BFB	1100		980.4		111	70	130			

Sample ID: 2106E32-013amsd	SampType: MSD	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: S9-Surface	Batch ID: 60977	RunNo: 79563								
Prep Date: 6/28/2021	Analysis Date: 7/2/2021	SeqNo: 2798487 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	4.9	24.49	0	101	61.3	114	2.22	20	
Surr: BFB	1100		979.4		110	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#: 2106E32

08-Jul-21

Client: Pima Environmental Services LLC**Project:** Tex Mack 11

Sample ID: mb-60972	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 60972	RunNo: 79512								
Prep Date: 6/28/2021	Analysis Date: 7/1/2021	SeqNo: 2796159			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.0		1.000		100	70	130			

Sample ID: LCS-60972	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 60972	RunNo: 79512								
Prep Date: 6/28/2021	Analysis Date: 7/1/2021	SeqNo: 2796160			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.93	0.025	1.000	0	93.3	80	120			
Toluene	0.95	0.050	1.000	0	95.5	80	120			
Ethylbenzene	0.96	0.050	1.000	0	96.3	80	120			
Xylenes, Total	2.9	0.10	3.000	0	96.4	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		100	70	130			

Sample ID: mb-60977	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 60977	RunNo: 79563								
Prep Date: 6/28/2021	Analysis Date: 7/2/2021	SeqNo: 2798539			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.91		1.000		91.2	70	130			

Sample ID: mb-60981	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 60981	RunNo: 79563								
Prep Date: 6/28/2021	Analysis Date: 7/2/2021	SeqNo: 2798540			Units: %Rec					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.93		1.000		92.6	70	130			

Sample ID: lcs-60977	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 60977	RunNo: 79563								
Prep Date: 6/28/2021	Analysis Date: 7/2/2021	SeqNo: 2798541			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

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QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2106E32

08-Jul-21

Client: Pima Environmental Services LLC**Project:** Tex Mack 11

Sample ID: ics-60977	SampType: LCS				TestCode: EPA Method 8021B: Volatiles					
Client ID: LCSS	Batch ID: 60977				RunNo: 79563					
Prep Date: 6/28/2021	Analysis Date: 7/2/2021				SeqNo: 2798541	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.95	0.025	1.000	0	95.1	80	120			
Toluene	0.96	0.050	1.000	0	96.1	80	120			
Ethylbenzene	0.98	0.050	1.000	0	98.0	80	120			
Xylenes, Total	3.0	0.10	3.000	0	98.4	80	120			
Surr: 4-Bromofluorobenzene	0.93		1.000		93.3	70	130			

Sample ID: ics-60981	SampType: LCS				TestCode: EPA Method 8021B: Volatiles					
Client ID: LCSS	Batch ID: 60981				RunNo: 79563					
Prep Date: 6/28/2021	Analysis Date: 7/2/2021				SeqNo: 2798542	Units: %Rec				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.93		1.000		92.5	70	130			

Sample ID: 2106E32-014ams	SampType: MS				TestCode: EPA Method 8021B: Volatiles					
Client ID: BG1	Batch ID: 60977				RunNo: 79563					
Prep Date: 6/28/2021	Analysis Date: 7/2/2021				SeqNo: 2798543	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.95	0.025	0.9911	0	95.5	80	120			
Toluene	0.97	0.050	0.9911	0	97.4	80	120			
Ethylbenzene	0.99	0.050	0.9911	0	99.9	80	120			
Xylenes, Total	3.0	0.099	2.973	0	100	80	120			
Surr: 4-Bromofluorobenzene	0.92		0.9911		92.3	70	130			

Sample ID: 2106E32-014amsd	SampType: MSD				TestCode: EPA Method 8021B: Volatiles					
Client ID: BG1	Batch ID: 60977				RunNo: 79563					
Prep Date: 6/28/2021	Analysis Date: 7/2/2021				SeqNo: 2798545	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.95	0.025	0.9872	0	96.5	80	120	0.675	20	
Toluene	0.98	0.049	0.9872	0	99.5	80	120	1.76	20	
Ethylbenzene	1.0	0.049	0.9872	0	103	80	120	2.52	20	
Xylenes, Total	3.1	0.099	2.962	0	104	80	120	3.08	20	
Surr: 4-Bromofluorobenzene	0.95		0.9872		96.7	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: 2106E32

RcptNo: 1

Received By: Juan Rojas

6/26/2021 8:30:00 AM

Juan Rojas

Completed By: Juan Rojas

6/26/2021 9:35:13 AM

Juan Rojas

Reviewed By: *SR 6/28/21*

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 $>0^{\circ}\text{C}$ 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?
(Note discrepancies on chain of custody) Yes ☒ No ☐
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?
(If no, notify customer for authorization.) Yes ☒ No ☐

of preserved
bottles checked
for pH:

(<2 or >12 unless noted)

Adjusted?

Checked by: *SR 6/26/21*

Special Handling (if applicable)

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

Person Notified:

Date

By Whom:

Via:

☐ eMail

☐ Phone

☐ Fax

☐ In Person

Regarding:

Client Instructions:

16. Additional remarks:

17. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	0.7	Good				
2	0.1	Good				

Chain-of-Custody Record

Client: Dima Environmental

Mailing Address:

Phone #:

email or Fax#:

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

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time: 4 Day

☒ Standard ☐ Rush

Project Name: Tex Mack II

Project #:

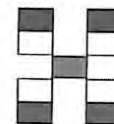
Project Manager: Chris Jones

Sampler:

On Ice: ☒ Yes ☐ No

of Coolers: 2

Cooler Temp (including CF): 6.9-0.2-0.7 (°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)
6/25		Soil	S1-Surface	1-4oz	Cool	-001	X	X					X			
			S1-1'			-002										
			S1-2'			-003										
			S2-Surface			-004										
			S2-1'			-005										
			S2-2'			-006										
			S3-Surface			-007										
			S4-Surface			-008										
			S5-Surface			-009										
			S6-Surface			-010										
			S7-Surface			-011										
			S8-Surface			-012										

Date: 6/25/21 Time: 1510 Relinquished by: [Signature]

Date: 6/25/21 Time: 1510 Received by: [Signature] Via: 6/25/21 1510

Date: 6/25/21 Time: 1900 Relinquished by: [Signature]

Date: 6/26/21 Time: 8130 Received by: [Signature] Via: 6/26/21 8130

Remarks: TPH: 100ppm
BTEX: 50ppm
CL: 600ppm
* Run 1' Samples, if they ~~are~~ are higher than criteria run 2'.

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.

Analytical Report

Lab Order 2111D23

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: SW-1 North

Project: Texmack 11 Fed Com 3

Collection Date: 11/24/2021 8:00:00 AM

Lab ID: 2111D23-001

Matrix: SOIL

Received Date: 11/30/2021 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: SB
Diesel Range Organics (DRO)	17	9.2		mg/Kg	1	12/2/2021 12:09:47 AM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	12/2/2021 12:09:47 AM
Surr: DNOP	112	70-130		%Rec	1	12/2/2021 12:09:47 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: mb
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	12/1/2021 2:19:00 PM
Surr: BFB	92.9	70-130		%Rec	1	12/1/2021 2:19:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: mb
Benzene	ND	0.024		mg/Kg	1	12/1/2021 2:19:00 PM
Toluene	ND	0.047		mg/Kg	1	12/1/2021 2:19:00 PM
Ethylbenzene	ND	0.047		mg/Kg	1	12/1/2021 2:19:00 PM
Xylenes, Total	ND	0.095		mg/Kg	1	12/1/2021 2:19:00 PM
Surr: 4-Bromofluorobenzene	88.0	70-130		%Rec	1	12/1/2021 2:19:00 PM
EPA METHOD 300.0: ANIONS						Analyst: LRN
Chloride	ND	60		mg/Kg	20	12/2/2021 2:37:18 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	L	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 interference		

Analytical Report

Lab Order 2111D23

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: SW-2 North

Project: Texmack 11 Fed Com 3

Collection Date: 11/24/2021 8:05:00 AM

Lab ID: 2111D23-002

Matrix: SOIL

Received Date: 11/30/2021 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: SB
Diesel Range Organics (DRO)	1500	97		mg/Kg	10	12/2/2021 12:43:47 PM
Motor Oil Range Organics (MRO)	890	490		mg/Kg	10	12/2/2021 12:43:47 PM
Surr: DNOP	0	70-130	S	%Rec	10	12/2/2021 12:43:47 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: mb
Gasoline Range Organics (GRO)	ND	24		mg/Kg	5	12/1/2021 2:38:00 PM
Surr: BFB	93.8	70-130		%Rec	5	12/1/2021 2:38:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: mb
Benzene	ND	0.12		mg/Kg	5	12/1/2021 2:38:00 PM
Toluene	ND	0.24		mg/Kg	5	12/1/2021 2:38:00 PM
Ethylbenzene	ND	0.24		mg/Kg	5	12/1/2021 2:38:00 PM
Xylenes, Total	ND	0.48		mg/Kg	5	12/1/2021 2:38:00 PM
Surr: 4-Bromofluorobenzene	89.4	70-130		%Rec	5	12/1/2021 2:38:00 PM
EPA METHOD 300.0: ANIONS						Analyst: LRN
Chloride	ND	60		mg/Kg	20	12/2/2021 3:39:04 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	L	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 interference		

Analytical Report

Lab Order 2111D23

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: SW-3 South

Project: Texmack 11 Fed Com 3

Collection Date: 11/24/2021 8:10:00 AM

Lab ID: 2111D23-003

Matrix: SOIL

Received Date: 11/30/2021 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: SB
Diesel Range Organics (DRO)	20	8.8		mg/Kg	1	12/2/2021 12:30:57 AM
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	12/2/2021 12:30:57 AM
Surr: DNOP	92.1	70-130		%Rec	1	12/2/2021 12:30:57 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	12/1/2021 3:37:00 PM
Surr: BFB	98.9	70-130		%Rec	1	12/1/2021 3:37:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: mb
Benzene	ND	0.024		mg/Kg	1	12/1/2021 3:37:00 PM
Toluene	ND	0.048		mg/Kg	1	12/1/2021 3:37:00 PM
Ethylbenzene	ND	0.048		mg/Kg	1	12/1/2021 3:37:00 PM
Xylenes, Total	ND	0.096		mg/Kg	1	12/1/2021 3:37:00 PM
Surr: 4-Bromofluorobenzene	92.4	70-130		%Rec	1	12/1/2021 3:37:00 PM
EPA METHOD 300.0: ANIONS						Analyst: LRN
Chloride	ND	60		mg/Kg	20	12/2/2021 3:51:26 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	L	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 interference		

Analytical Report

Lab Order 2111D23

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: SW-4 South

Project: Texmack 11 Fed Com 3

Collection Date: 11/24/2021 8:15:00 AM

Lab ID: 2111D23-004

Matrix: SOIL

Received Date: 11/30/2021 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: SB
Diesel Range Organics (DRO)	13	9.0		mg/Kg	1	12/2/2021 12:41:31 AM
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	12/2/2021 12:41:31 AM
Surr: DNOP	102	70-130		%Rec	1	12/2/2021 12:41:31 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: mb
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	12/1/2021 3:57:00 PM
Surr: BFB	91.3	70-130		%Rec	1	12/1/2021 3:57:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: mb
Benzene	ND	0.023		mg/Kg	1	12/1/2021 3:57:00 PM
Toluene	ND	0.047		mg/Kg	1	12/1/2021 3:57:00 PM
Ethylbenzene	ND	0.047		mg/Kg	1	12/1/2021 3:57:00 PM
Xylenes, Total	ND	0.094		mg/Kg	1	12/1/2021 3:57:00 PM
Surr: 4-Bromofluorobenzene	87.8	70-130		%Rec	1	12/1/2021 3:57:00 PM
EPA METHOD 300.0: ANIONS						Analyst: LRN
Chloride	ND	60		mg/Kg	20	12/2/2021 4:03:47 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	L	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 interference		

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Analytical Report

Lab Order 2111D23

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: SW-5 East

Project: Texmack 11 Fed Com 3

Collection Date: 11/24/2021 8:20:00 AM

Lab ID: 2111D23-005

Matrix: SOIL

Received Date: 11/30/2021 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	12/3/2021 9:32:48 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	12/3/2021 9:32:48 PM
Surr: DNOP	88.3	70-130		%Rec	1	12/3/2021 9:32:48 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: mb
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	12/1/2021 4:16:00 PM
Surr: BFB	97.8	70-130		%Rec	1	12/1/2021 4:16:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: mb
Benzene	ND	0.024		mg/Kg	1	12/1/2021 4:16:00 PM
Toluene	ND	0.047		mg/Kg	1	12/1/2021 4:16:00 PM
Ethylbenzene	ND	0.047		mg/Kg	1	12/1/2021 4:16:00 PM
Xylenes, Total	ND	0.094		mg/Kg	1	12/1/2021 4:16:00 PM
Surr: 4-Bromofluorobenzene	91.6	70-130		%Rec	1	12/1/2021 4:16:00 PM
EPA METHOD 300.0: ANIONS						Analyst: LRN
Chloride	ND	60		mg/Kg	20	12/2/2021 6:07:27 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	L	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 interference		

Analytical Report

Lab Order 2111D23

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: SW-6 East

Project: Texmack 11 Fed Com 3

Collection Date: 11/24/2021 8:25:00 AM

Lab ID: 2111D23-006

Matrix: SOIL

Received Date: 11/30/2021 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: SB
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	12/3/2021 10:04:25 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	12/3/2021 10:04:25 PM
Surr: DNOP	96.9	70-130		%Rec	1	12/3/2021 10:04:25 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	12/1/2021 4:36:00 PM
Surr: BFB	98.4	70-130		%Rec	1	12/1/2021 4:36:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: mb
Benzene	ND	0.024		mg/Kg	1	12/1/2021 4:36:00 PM
Toluene	ND	0.048		mg/Kg	1	12/1/2021 4:36:00 PM
Ethylbenzene	ND	0.048		mg/Kg	1	12/1/2021 4:36:00 PM
Xylenes, Total	ND	0.095		mg/Kg	1	12/1/2021 4:36:00 PM
Surr: 4-Bromofluorobenzene	92.5	70-130		%Rec	1	12/1/2021 4:36:00 PM
EPA METHOD 300.0: ANIONS						Analyst: LRN
Chloride	ND	60		mg/Kg	20	12/2/2021 6:44:31 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	L	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 interference		

Analytical Report

Lab Order 2111D23

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: SW-7 West

Project: Texmack 11 Fed Com 3

Collection Date: 11/24/2021 8:30:00 AM

Lab ID: 2111D23-007

Matrix: SOIL

Received Date: 11/30/2021 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	12/3/2021 10:14:53 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	12/3/2021 10:14:53 PM
Surr: DNOP	115	70-130		%Rec	1	12/3/2021 10:14:53 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	12/1/2021 4:55:00 PM
Surr: BFB	96.4	70-130		%Rec	1	12/1/2021 4:55:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: mb
Benzene	ND	0.024		mg/Kg	1	12/1/2021 4:55:00 PM
Toluene	ND	0.048		mg/Kg	1	12/1/2021 4:55:00 PM
Ethylbenzene	ND	0.048		mg/Kg	1	12/1/2021 4:55:00 PM
Xylenes, Total	ND	0.095		mg/Kg	1	12/1/2021 4:55:00 PM
Surr: 4-Bromofluorobenzene	92.0	70-130		%Rec	1	12/1/2021 4:55:00 PM
EPA METHOD 300.0: ANIONS						Analyst: LRN
Chloride	100	60		mg/Kg	20	12/2/2021 7:21:35 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	L	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 interference		

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Analytical Report

Lab Order 2111D23

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: SW-8 West

Project: Texmack 11 Fed Com 3

Collection Date: 11/24/2021 8:35:00 AM

Lab ID: 2111D23-008

Matrix: SOIL

Received Date: 11/30/2021 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	12/3/2021 10:25:24 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	12/3/2021 10:25:24 PM
Surr: DNOP	83.6	70-130		%Rec	1	12/3/2021 10:25:24 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: mb
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/1/2021 5:15:00 PM
Surr: BFB	96.9	70-130		%Rec	1	12/1/2021 5:15:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: mb
Benzene	ND	0.025		mg/Kg	1	12/1/2021 5:15:00 PM
Toluene	ND	0.050		mg/Kg	1	12/1/2021 5:15:00 PM
Ethylbenzene	ND	0.050		mg/Kg	1	12/1/2021 5:15:00 PM
Xylenes, Total	ND	0.099		mg/Kg	1	12/1/2021 5:15:00 PM
Surr: 4-Bromofluorobenzene	91.5	70-130		%Rec	1	12/1/2021 5:15:00 PM
EPA METHOD 300.0: ANIONS						Analyst: LRN
Chloride	ND	59		mg/Kg	20	12/2/2021 7:33:56 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	L	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 interference		

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Analytical Report

Lab Order 2111D23

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S-1 Bottom

Project: Texmack 11 Fed Com 3

Collection Date: 11/24/2021 8:40:00 AM

Lab ID: 2111D23-009

Matrix: SOIL

Received Date: 11/30/2021 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	12/3/2021 10:35:54 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	12/3/2021 10:35:54 PM
Surr: DNOP	84.6	70-130		%Rec	1	12/3/2021 10:35:54 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	12/1/2021 5:35:00 PM
Surr: BFB	95.6	70-130		%Rec	1	12/1/2021 5:35:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: mb
Benzene	ND	0.025		mg/Kg	1	12/1/2021 5:35:00 PM
Toluene	ND	0.049		mg/Kg	1	12/1/2021 5:35:00 PM
Ethylbenzene	ND	0.049		mg/Kg	1	12/1/2021 5:35:00 PM
Xylenes, Total	ND	0.099		mg/Kg	1	12/1/2021 5:35:00 PM
Surr: 4-Bromofluorobenzene	90.4	70-130		%Rec	1	12/1/2021 5:35:00 PM
EPA METHOD 300.0: ANIONS						Analyst: LRN
Chloride	ND	60		mg/Kg	20	12/2/2021 7:46:16 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	L	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 interference		

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Analytical Report

Lab Order 2111D23

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S-2 Bottom

Project: Texmack 11 Fed Com 3

Collection Date: 11/24/2021 8:45:00 AM

Lab ID: 2111D23-010

Matrix: SOIL

Received Date: 11/30/2021 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: SB
Diesel Range Organics (DRO)	25	9.6		mg/Kg	1	12/3/2021 10:46:26 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	12/3/2021 10:46:26 PM
Surr: DNOP	87.6	70-130		%Rec	1	12/3/2021 10:46:26 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	12/1/2021 5:54:00 PM
Surr: BFB	95.2	70-130		%Rec	1	12/1/2021 5:54:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: mb
Benzene	ND	0.024		mg/Kg	1	12/1/2021 5:54:00 PM
Toluene	ND	0.049		mg/Kg	1	12/1/2021 5:54:00 PM
Ethylbenzene	ND	0.049		mg/Kg	1	12/1/2021 5:54:00 PM
Xylenes, Total	ND	0.097		mg/Kg	1	12/1/2021 5:54:00 PM
Surr: 4-Bromofluorobenzene	91.5	70-130		%Rec	1	12/1/2021 5:54:00 PM
EPA METHOD 300.0: ANIONS						Analyst: LRN
Chloride	ND	60		mg/Kg	20	12/2/2021 7:58:36 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	L	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 interference		

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Analytical Report

Lab Order 2111D23

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S-3 Bottom

Project: Texmack 11 Fed Com 3

Collection Date: 11/24/2021 8:50:00 AM

Lab ID: 2111D23-011

Matrix: SOIL

Received Date: 11/30/2021 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: SB
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	12/3/2021 10:57:02 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	12/3/2021 10:57:02 PM
Surr: DNOP	99.1	70-130		%Rec	1	12/3/2021 10:57:02 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	12/1/2021 6:14:00 PM
Surr: BFB	93.7	70-130		%Rec	1	12/1/2021 6:14:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: mb
Benzene	ND	0.024		mg/Kg	1	12/1/2021 6:14:00 PM
Toluene	ND	0.048		mg/Kg	1	12/1/2021 6:14:00 PM
Ethylbenzene	ND	0.048		mg/Kg	1	12/1/2021 6:14:00 PM
Xylenes, Total	ND	0.095		mg/Kg	1	12/1/2021 6:14:00 PM
Surr: 4-Bromofluorobenzene	89.9	70-130		%Rec	1	12/1/2021 6:14:00 PM
EPA METHOD 300.0: ANIONS						Analyst: LRN
Chloride	ND	60		mg/Kg	20	12/2/2021 8:35:38 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	L	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 interference		

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Analytical Report

Lab Order 2111D23

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S-4 Bottom

Project: Texmack 11 Fed Com 3

Collection Date: 11/24/2021 8:55:00 AM

Lab ID: 2111D23-012

Matrix: SOIL

Received Date: 11/30/2021 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	12/3/2021 11:07:35 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	12/3/2021 11:07:35 PM
Surr: DNOP	84.3	70-130		%Rec	1	12/3/2021 11:07:35 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	12/1/2021 6:33:00 PM
Surr: BFB	93.7	70-130		%Rec	1	12/1/2021 6:33:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: mb
Benzene	ND	0.024		mg/Kg	1	12/1/2021 6:33:00 PM
Toluene	ND	0.048		mg/Kg	1	12/1/2021 6:33:00 PM
Ethylbenzene	ND	0.048		mg/Kg	1	12/1/2021 6:33:00 PM
Xylenes, Total	ND	0.095		mg/Kg	1	12/1/2021 6:33:00 PM
Surr: 4-Bromofluorobenzene	88.4	70-130		%Rec	1	12/1/2021 6:33:00 PM
EPA METHOD 300.0: ANIONS						Analyst: LRN
Chloride	ND	60		mg/Kg	20	12/2/2021 8:47:59 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	L	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 interference		

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Analytical Report

Lab Order 2111D23

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S-5 Bottom

Project: Texmack 11 Fed Com 3

Collection Date: 11/24/2021 9:00:00 AM

Lab ID: 2111D23-013

Matrix: SOIL

Received Date: 11/30/2021 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: SB
Diesel Range Organics (DRO)	42	10		mg/Kg	1	12/3/2021 11:18:11 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	12/3/2021 11:18:11 PM
Surr: DNOP	97.2	70-130		%Rec	1	12/3/2021 11:18:11 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: mb
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	12/1/2021 7:32:00 PM
Surr: BFB	95.4	70-130		%Rec	1	12/1/2021 7:32:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: mb
Benzene	ND	0.023		mg/Kg	1	12/1/2021 7:32:00 PM
Toluene	ND	0.047		mg/Kg	1	12/1/2021 7:32:00 PM
Ethylbenzene	ND	0.047		mg/Kg	1	12/1/2021 7:32:00 PM
Xylenes, Total	ND	0.093		mg/Kg	1	12/1/2021 7:32:00 PM
Surr: 4-Bromofluorobenzene	91.7	70-130		%Rec	1	12/1/2021 7:32:00 PM
EPA METHOD 300.0: ANIONS						Analyst: LRN
Chloride	ND	60		mg/Kg	20	12/2/2021 9:00:21 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	L	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 interference		

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Analytical Report

Lab Order 2111D23

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S-6 Bottom

Project: Texmack 11 Fed Com 3

Collection Date: 11/24/2021 9:05:00 AM

Lab ID: 2111D23-014

Matrix: SOIL

Received Date: 11/30/2021 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	12/3/2021 11:28:46 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	12/3/2021 11:28:46 PM
Surr: DNOP	93.7	70-130		%Rec	1	12/3/2021 11:28:46 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	12/1/2021 7:52:00 PM
Surr: BFB	99.4	70-130		%Rec	1	12/1/2021 7:52:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: mb
Benzene	ND	0.024		mg/Kg	1	12/1/2021 7:52:00 PM
Toluene	ND	0.048		mg/Kg	1	12/1/2021 7:52:00 PM
Ethylbenzene	ND	0.048		mg/Kg	1	12/1/2021 7:52:00 PM
Xylenes, Total	ND	0.096		mg/Kg	1	12/1/2021 7:52:00 PM
Surr: 4-Bromofluorobenzene	92.2	70-130		%Rec	1	12/1/2021 7:52:00 PM
EPA METHOD 300.0: ANIONS						Analyst: LRN
Chloride	ND	60		mg/Kg	20	12/2/2021 9:12:42 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	L	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 interference		

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Analytical Report

Lab Order 2111D23

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S-7 Bottom

Project: Texmack 11 Fed Com 3

Collection Date: 11/24/2021 9:10:00 AM

Lab ID: 2111D23-015

Matrix: SOIL

Received Date: 11/30/2021 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	12/3/2021 11:39:22 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	12/3/2021 11:39:22 PM
Surr: DNOP	102	70-130		%Rec	1	12/3/2021 11:39:22 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: mb
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	12/1/2021 8:11:00 PM
Surr: BFB	96.8	70-130		%Rec	1	12/1/2021 8:11:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: mb
Benzene	ND	0.024		mg/Kg	1	12/1/2021 8:11:00 PM
Toluene	ND	0.047		mg/Kg	1	12/1/2021 8:11:00 PM
Ethylbenzene	ND	0.047		mg/Kg	1	12/1/2021 8:11:00 PM
Xylenes, Total	ND	0.095		mg/Kg	1	12/1/2021 8:11:00 PM
Surr: 4-Bromofluorobenzene	93.2	70-130		%Rec	1	12/1/2021 8:11:00 PM
EPA METHOD 300.0: ANIONS						Analyst: LRN
Chloride	ND	60		mg/Kg	20	12/2/2021 9:25:04 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	L	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 interference		

Analytical Report

Lab Order 2111D23

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S-8 Bottom

Project: Texmack 11 Fed Com 3

Collection Date: 11/24/2021 9:15:00 AM

Lab ID: 2111D23-016

Matrix: SOIL

Received Date: 11/30/2021 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	12/3/2021 11:50:00 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	12/3/2021 11:50:00 PM
Surr: DNOP	101	70-130		%Rec	1	12/3/2021 11:50:00 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	12/1/2021 10:09:00 PM
Surr: BFB	101	70-130		%Rec	1	12/1/2021 10:09:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: mb
Benzene	ND	0.025		mg/Kg	1	12/1/2021 10:09:00 PM
Toluene	ND	0.049		mg/Kg	1	12/1/2021 10:09:00 PM
Ethylbenzene	ND	0.049		mg/Kg	1	12/1/2021 10:09:00 PM
Xylenes, Total	ND	0.099		mg/Kg	1	12/1/2021 10:09:00 PM
Surr: 4-Bromofluorobenzene	93.4	70-130		%Rec	1	12/1/2021 10:09:00 PM
EPA METHOD 300.0: ANIONS						Analyst: LRN
Chloride	ND	61		mg/Kg	20	12/2/2021 9:37:25 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	L	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 interference		

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Analytical Report

Lab Order 2111D23

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S-9 Bottom

Project: Texmack 11 Fed Com 3

Collection Date: 11/24/2021 9:20:00 AM

Lab ID: 2111D23-017

Matrix: SOIL

Received Date: 11/30/2021 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	12/4/2021 12:00:37 AM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	12/4/2021 12:00:37 AM
Surr: DNOP	85.9	70-130		%Rec	1	12/4/2021 12:00:37 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	12/1/2021 11:08:00 PM
Surr: BFB	101	70-130		%Rec	1	12/1/2021 11:08:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: mb
Benzene	ND	0.024		mg/Kg	1	12/1/2021 11:08:00 PM
Toluene	ND	0.048		mg/Kg	1	12/1/2021 11:08:00 PM
Ethylbenzene	ND	0.048		mg/Kg	1	12/1/2021 11:08:00 PM
Xylenes, Total	ND	0.096		mg/Kg	1	12/1/2021 11:08:00 PM
Surr: 4-Bromofluorobenzene	92.4	70-130		%Rec	1	12/1/2021 11:08:00 PM
EPA METHOD 300.0: ANIONS						Analyst: LRN
Chloride	ND	60		mg/Kg	20	12/2/2021 9:49:47 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	L	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 interference		

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Analytical Report

Lab Order 2111D23

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S-10 Bottom

Project: Texmack 11 Fed Com 3

Collection Date: 11/24/2021 9:25:00 AM

Lab ID: 2111D23-018

Matrix: SOIL

Received Date: 11/30/2021 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	12/4/2021 12:11:18 AM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	12/4/2021 12:11:18 AM
Surr: DNOP	78.4	70-130		%Rec	1	12/4/2021 12:11:18 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	12/1/2021 11:28:00 PM
Surr: BFB	95.0	70-130		%Rec	1	12/1/2021 11:28:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: mb
Benzene	ND	0.024		mg/Kg	1	12/1/2021 11:28:00 PM
Toluene	ND	0.049		mg/Kg	1	12/1/2021 11:28:00 PM
Ethylbenzene	ND	0.049		mg/Kg	1	12/1/2021 11:28:00 PM
Xylenes, Total	ND	0.097		mg/Kg	1	12/1/2021 11:28:00 PM
Surr: 4-Bromofluorobenzene	89.9	70-130		%Rec	1	12/1/2021 11:28:00 PM
EPA METHOD 300.0: ANIONS						Analyst: LRN
Chloride	ND	60		mg/Kg	20	12/2/2021 10:02:08 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	L	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 interference		

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Analytical Report

Lab Order 2111D23

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S-11 Bottom

Project: Texmack 11 Fed Com 3

Collection Date: 11/24/2021 9:30:00 AM

Lab ID: 2111D23-019

Matrix: SOIL

Received Date: 11/30/2021 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: SB
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	12/4/2021 12:22:01 AM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	12/4/2021 12:22:01 AM
Surr: DNOP	87.4	70-130		%Rec	1	12/4/2021 12:22:01 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	12/1/2021 11:47:00 PM
Surr: BFB	99.3	70-130		%Rec	1	12/1/2021 11:47:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: mb
Benzene	ND	0.024		mg/Kg	1	12/1/2021 11:47:00 PM
Toluene	ND	0.048		mg/Kg	1	12/1/2021 11:47:00 PM
Ethylbenzene	ND	0.048		mg/Kg	1	12/1/2021 11:47:00 PM
Xylenes, Total	ND	0.096		mg/Kg	1	12/1/2021 11:47:00 PM
Surr: 4-Bromofluorobenzene	92.3	70-130		%Rec	1	12/1/2021 11:47:00 PM
EPA METHOD 300.0: ANIONS						Analyst: LRN
Chloride	ND	60		mg/Kg	20	12/2/2021 10:14:28 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	L	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 interference		

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Analytical Report

Lab Order 2111D23

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S-12 Bottom

Project: Texmack 11 Fed Com 3

Collection Date: 11/24/2021 9:35:00 AM

Lab ID: 2111D23-020

Matrix: SOIL

Received Date: 11/30/2021 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: SB
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	12/4/2021 12:32:53 AM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	12/4/2021 12:32:53 AM
Surr: DNOP	77.0	70-130		%Rec	1	12/4/2021 12:32:53 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: mb
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	12/2/2021 12:07:00 AM
Surr: BFB	97.6	70-130		%Rec	1	12/2/2021 12:07:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: mb
Benzene	ND	0.023		mg/Kg	1	12/2/2021 12:07:00 AM
Toluene	ND	0.047		mg/Kg	1	12/2/2021 12:07:00 AM
Ethylbenzene	ND	0.047		mg/Kg	1	12/2/2021 12:07:00 AM
Xylenes, Total	ND	0.094		mg/Kg	1	12/2/2021 12:07:00 AM
Surr: 4-Bromofluorobenzene	92.8	70-130		%Rec	1	12/2/2021 12:07:00 AM
EPA METHOD 300.0: ANIONS						Analyst: LRN
Chloride	ND	60		mg/Kg	20	12/2/2021 10:26:49 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	L	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 interference		

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Analytical Report

Lab Order 2111D23

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S-13 Bottom

Project: Texmack 11 Fed Com 3

Collection Date: 11/24/2021 9:40:00 AM

Lab ID: 2111D23-021

Matrix: SOIL

Received Date: 11/30/2021 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: SB
Diesel Range Organics (DRO)	100	10		mg/Kg	1	12/4/2021 12:43:43 AM
Motor Oil Range Organics (MRO)	100	50		mg/Kg	1	12/4/2021 12:43:43 AM
Surr: DNOP	124	70-130		%Rec	1	12/4/2021 12:43:43 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	12/2/2021 1:06:00 AM
Surr: BFB	94.9	70-130		%Rec	1	12/2/2021 1:06:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: mb
Benzene	ND	0.024		mg/Kg	1	12/2/2021 1:06:00 AM
Toluene	ND	0.048		mg/Kg	1	12/2/2021 1:06:00 AM
Ethylbenzene	ND	0.048		mg/Kg	1	12/2/2021 1:06:00 AM
Xylenes, Total	ND	0.097		mg/Kg	1	12/2/2021 1:06:00 AM
Surr: 4-Bromofluorobenzene	91.1	70-130		%Rec	1	12/2/2021 1:06:00 AM
EPA METHOD 300.0: ANIONS						Analyst: LRN
Chloride	ND	60		mg/Kg	20	12/2/2021 11:03:53 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	L	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 interference		

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Analytical Report

Lab Order 2111D23

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S-14 Bottom

Project: Texmack 11 Fed Com 3

Collection Date: 11/24/2021 9:45:00 AM

Lab ID: 2111D23-022

Matrix: SOIL

Received Date: 11/30/2021 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: SB
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	12/4/2021 12:54:32 AM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	12/4/2021 12:54:32 AM
Surr: DNOP	107	70-130		%Rec	1	12/4/2021 12:54:32 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	12/2/2021 1:25:00 AM
Surr: BFB	94.8	70-130		%Rec	1	12/2/2021 1:25:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: mb
Benzene	ND	0.024		mg/Kg	1	12/2/2021 1:25:00 AM
Toluene	ND	0.049		mg/Kg	1	12/2/2021 1:25:00 AM
Ethylbenzene	ND	0.049		mg/Kg	1	12/2/2021 1:25:00 AM
Xylenes, Total	ND	0.098		mg/Kg	1	12/2/2021 1:25:00 AM
Surr: 4-Bromofluorobenzene	91.7	70-130		%Rec	1	12/2/2021 1:25:00 AM
EPA METHOD 300.0: ANIONS						Analyst: LRN
Chloride	ND	60		mg/Kg	20	12/2/2021 11:16:13 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	L	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 interference		

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Analytical Report

Lab Order 2111D23

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S-15 Bottom

Project: Texmack 11 Fed Com 3

Collection Date: 11/24/2021 9:50:00 AM

Lab ID: 2111D23-023

Matrix: SOIL

Received Date: 11/30/2021 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: SB
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	12/4/2021 1:05:24 AM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	12/4/2021 1:05:24 AM
Surr: DNOP	106	70-130		%Rec	1	12/4/2021 1:05:24 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	12/2/2021 1:45:00 AM
Surr: BFB	98.5	70-130		%Rec	1	12/2/2021 1:45:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: mb
Benzene	ND	0.024		mg/Kg	1	12/2/2021 1:45:00 AM
Toluene	ND	0.049		mg/Kg	1	12/2/2021 1:45:00 AM
Ethylbenzene	ND	0.049		mg/Kg	1	12/2/2021 1:45:00 AM
Xylenes, Total	ND	0.098		mg/Kg	1	12/2/2021 1:45:00 AM
Surr: 4-Bromofluorobenzene	91.5	70-130		%Rec	1	12/2/2021 1:45:00 AM
EPA METHOD 300.0: ANIONS						Analyst: LRN
Chloride	ND	60		mg/Kg	20	12/2/2021 11:28:35 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	L	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 interference		

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Analytical Report

Lab Order 2111D23

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S-16 Bottom

Project: Texmack 11 Fed Com 3

Collection Date: 11/24/2021 9:55:00 AM

Lab ID: 2111D23-024

Matrix: SOIL

Received Date: 11/30/2021 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: SB
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	12/4/2021 1:16:10 AM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	12/4/2021 1:16:10 AM
Surr: DNOP	97.4	70-130		%Rec	1	12/4/2021 1:16:10 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	12/2/2021 2:05:00 AM
Surr: BFB	98.1	70-130		%Rec	1	12/2/2021 2:05:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: mb
Benzene	ND	0.024		mg/Kg	1	12/2/2021 2:05:00 AM
Toluene	ND	0.049		mg/Kg	1	12/2/2021 2:05:00 AM
Ethylbenzene	ND	0.049		mg/Kg	1	12/2/2021 2:05:00 AM
Xylenes, Total	ND	0.097		mg/Kg	1	12/2/2021 2:05:00 AM
Surr: 4-Bromofluorobenzene	90.8	70-130		%Rec	1	12/2/2021 2:05:00 AM
EPA METHOD 300.0: ANIONS						Analyst: LRN
Chloride	ND	60		mg/Kg	20	12/3/2021 8:20:43 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	L	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 interference		

Analytical Report

Lab Order 2111D23

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S-17 Bottom

Project: Texmack 11 Fed Com 3

Collection Date: 11/24/2021 10:00:00 AM

Lab ID: 2111D23-025

Matrix: SOIL

Received Date: 11/30/2021 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: SB
Diesel Range Organics (DRO)	ND	8.9		mg/Kg	1	12/1/2021 7:36:24 PM
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	12/1/2021 7:36:24 PM
Surr: DNOP	102	70-130		%Rec	1	12/1/2021 7:36:24 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: mb
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	12/2/2021 2:24:00 AM
Surr: BFB	93.9	70-130		%Rec	1	12/2/2021 2:24:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: mb
Benzene	ND	0.023		mg/Kg	1	12/2/2021 2:24:00 AM
Toluene	ND	0.046		mg/Kg	1	12/2/2021 2:24:00 AM
Ethylbenzene	ND	0.046		mg/Kg	1	12/2/2021 2:24:00 AM
Xylenes, Total	ND	0.093		mg/Kg	1	12/2/2021 2:24:00 AM
Surr: 4-Bromofluorobenzene	90.9	70-130		%Rec	1	12/2/2021 2:24:00 AM
EPA METHOD 300.0: ANIONS						Analyst: LRN
Chloride	ND	60		mg/Kg	20	12/2/2021 4:16:08 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	L	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 interference		

Analytical Report

Lab Order 2111D23

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S-18 Bottom

Project: Texmack 11 Fed Com 3

Collection Date: 11/24/2021 10:05:00 AM

Lab ID: 2111D23-026

Matrix: SOIL

Received Date: 11/30/2021 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: SB
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	12/1/2021 8:07:59 PM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	12/1/2021 8:07:59 PM
Surr: DNOP	83.4	70-130		%Rec	1	12/1/2021 8:07:59 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	12/2/2021 2:44:00 AM
Surr: BFB	93.7	70-130		%Rec	1	12/2/2021 2:44:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: mb
Benzene	ND	0.025		mg/Kg	1	12/2/2021 2:44:00 AM
Toluene	ND	0.049		mg/Kg	1	12/2/2021 2:44:00 AM
Ethylbenzene	ND	0.049		mg/Kg	1	12/2/2021 2:44:00 AM
Xylenes, Total	ND	0.099		mg/Kg	1	12/2/2021 2:44:00 AM
Surr: 4-Bromofluorobenzene	88.3	70-130		%Rec	1	12/2/2021 2:44:00 AM
EPA METHOD 300.0: ANIONS						Analyst: LRN
Chloride	ND	60		mg/Kg	20	12/2/2021 4:28:29 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	L	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 interference		

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Analytical Report

Lab Order 2111D23

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S-19 Bottom

Project: Texmack 11 Fed Com 3

Collection Date: 11/24/2021 10:10:00 AM

Lab ID: 2111D23-027

Matrix: SOIL

Received Date: 11/30/2021 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: SB
Diesel Range Organics (DRO)	ND	8.9		mg/Kg	1	12/1/2021 8:18:30 PM
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	12/1/2021 8:18:30 PM
Surr: DNOP	80.4	70-130		%Rec	1	12/1/2021 8:18:30 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: mb
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/2/2021 3:03:00 AM
Surr: BFB	98.1	70-130		%Rec	1	12/2/2021 3:03:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: mb
Benzene	ND	0.025		mg/Kg	1	12/2/2021 3:03:00 AM
Toluene	ND	0.050		mg/Kg	1	12/2/2021 3:03:00 AM
Ethylbenzene	ND	0.050		mg/Kg	1	12/2/2021 3:03:00 AM
Xylenes, Total	ND	0.10		mg/Kg	1	12/2/2021 3:03:00 AM
Surr: 4-Bromofluorobenzene	90.3	70-130		%Rec	1	12/2/2021 3:03:00 AM
EPA METHOD 300.0: ANIONS						Analyst: LRN
Chloride	ND	60		mg/Kg	20	12/2/2021 4:40:53 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	L	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 interference		

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Analytical Report

Lab Order 2111D23

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S-20 Bottom

Project: Texmack 11 Fed Com 3

Collection Date: 11/24/2021 10:15:00 AM

Lab ID: 2111D23-028

Matrix: SOIL

Received Date: 11/30/2021 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: SB
Diesel Range Organics (DRO)	ND	9.0		mg/Kg	1	12/1/2021 8:29:02 PM
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	12/1/2021 8:29:02 PM
Surr: DNOP	82.8	70-130		%Rec	1	12/1/2021 8:29:02 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: mb
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	12/2/2021 3:23:00 AM
Surr: BFB	96.1	70-130		%Rec	1	12/2/2021 3:23:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: mb
Benzene	ND	0.024		mg/Kg	1	12/2/2021 3:23:00 AM
Toluene	ND	0.047		mg/Kg	1	12/2/2021 3:23:00 AM
Ethylbenzene	ND	0.047		mg/Kg	1	12/2/2021 3:23:00 AM
Xylenes, Total	ND	0.095		mg/Kg	1	12/2/2021 3:23:00 AM
Surr: 4-Bromofluorobenzene	90.2	70-130		%Rec	1	12/2/2021 3:23:00 AM
EPA METHOD 300.0: ANIONS						Analyst: LRN
Chloride	ND	60		mg/Kg	20	12/2/2021 4:53:14 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	L	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 interference		

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Analytical Report

Lab Order 2111D23

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S-21 Bottom

Project: Texmack 11 Fed Com 3

Collection Date: 11/24/2021 10:20:00 AM

Lab ID: 2111D23-029

Matrix: SOIL

Received Date: 11/30/2021 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: SB
Diesel Range Organics (DRO)	33	10		mg/Kg	1	12/1/2021 8:39:33 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	12/1/2021 8:39:33 PM
Surr: DNOP	102	70-130		%Rec	1	12/1/2021 8:39:33 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: mb
Gasoline Range Organics (GRO)	ND	24		mg/Kg	5	12/2/2021 3:42:00 AM
Surr: BFB	93.5	70-130		%Rec	5	12/2/2021 3:42:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: mb
Benzene	ND	0.12		mg/Kg	5	12/2/2021 3:42:00 AM
Toluene	ND	0.24		mg/Kg	5	12/2/2021 3:42:00 AM
Ethylbenzene	ND	0.24		mg/Kg	5	12/2/2021 3:42:00 AM
Xylenes, Total	ND	0.48		mg/Kg	5	12/2/2021 3:42:00 AM
Surr: 4-Bromofluorobenzene	89.3	70-130		%Rec	5	12/2/2021 3:42:00 AM
EPA METHOD 300.0: ANIONS						Analyst: LRN
Chloride	ND	60		mg/Kg	20	12/2/2021 5:05:35 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	L	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 interference		

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Analytical Report

Lab Order 2111D23

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S-22 Bottom

Project: Texmack 11 Fed Com 3

Collection Date: 11/24/2021 10:25:00 AM

Lab ID: 2111D23-030

Matrix: SOIL

Received Date: 11/30/2021 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: SB
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	12/3/2021 5:59:18 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	12/3/2021 5:59:18 PM
Surr: DNOP	119	70-130		%Rec	1	12/3/2021 5:59:18 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: mb
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	12/2/2021 4:02:00 AM
Surr: BFB	95.9	70-130		%Rec	1	12/2/2021 4:02:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: mb
Benzene	ND	0.025		mg/Kg	1	12/2/2021 4:02:00 AM
Toluene	ND	0.050		mg/Kg	1	12/2/2021 4:02:00 AM
Ethylbenzene	ND	0.050		mg/Kg	1	12/2/2021 4:02:00 AM
Xylenes, Total	ND	0.10		mg/Kg	1	12/2/2021 4:02:00 AM
Surr: 4-Bromofluorobenzene	89.6	70-130		%Rec	1	12/2/2021 4:02:00 AM
EPA METHOD 300.0: ANIONS						Analyst: LRN
Chloride	ND	60		mg/Kg	20	12/3/2021 8:33:07 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	L	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 interference		

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Analytical Report

Lab Order 2111D23

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S-23 Bottom

Project: Texmack 11 Fed Com 3

Collection Date: 11/24/2021 10:30:00 AM

Lab ID: 2111D23-031

Matrix: SOIL

Received Date: 11/30/2021 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: SB
Diesel Range Organics (DRO)	52	9.5		mg/Kg	1	12/3/2021 6:10:10 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	12/3/2021 6:10:10 PM
Surr: DNOP	90.1	70-130		%Rec	1	12/3/2021 6:10:10 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: mb
Gasoline Range Organics (GRO)	ND	24		mg/Kg	5	12/2/2021 5:00:00 AM
Surr: BFB	96.2	70-130		%Rec	5	12/2/2021 5:00:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: mb
Benzene	ND	0.12		mg/Kg	5	12/2/2021 5:00:00 AM
Toluene	ND	0.24		mg/Kg	5	12/2/2021 5:00:00 AM
Ethylbenzene	ND	0.24		mg/Kg	5	12/2/2021 5:00:00 AM
Xylenes, Total	ND	0.49		mg/Kg	5	12/2/2021 5:00:00 AM
Surr: 4-Bromofluorobenzene	90.5	70-130		%Rec	5	12/2/2021 5:00:00 AM
EPA METHOD 300.0: ANIONS						Analyst: LRN
Chloride	ND	60		mg/Kg	20	12/3/2021 8:45:31 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	L	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 interference		

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Analytical Report

Lab Order 2111D23

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S-24 Bottom

Project: Texmack 11 Fed Com 3

Collection Date: 11/24/2021 10:35:00 AM

Lab ID: 2111D23-032

Matrix: SOIL

Received Date: 11/30/2021 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: SB
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	12/3/2021 5:26:33 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	12/3/2021 5:26:33 PM
Surr: DNOP	91.2	70-130		%Rec	1	12/3/2021 5:26:33 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: mb
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	12/2/2021 5:20:00 AM
Surr: BFB	95.3	70-130		%Rec	1	12/2/2021 5:20:00 AM
EPA METHOD 8021B: VOLATILES						Analyst: mb
Benzene	ND	0.024		mg/Kg	1	12/2/2021 5:20:00 AM
Toluene	ND	0.049		mg/Kg	1	12/2/2021 5:20:00 AM
Ethylbenzene	ND	0.049		mg/Kg	1	12/2/2021 5:20:00 AM
Xylenes, Total	ND	0.097		mg/Kg	1	12/2/2021 5:20:00 AM
Surr: 4-Bromofluorobenzene	89.8	70-130		%Rec	1	12/2/2021 5:20:00 AM
EPA METHOD 300.0: ANIONS						Analyst: LRN
Chloride	ND	59		mg/Kg	20	12/3/2021 8:57:56 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	L	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 interference		

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Analytical Report

Lab Order 2111D23

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S-25 Bottom

Project: Texmack 11 Fed Com 3

Collection Date: 11/24/2021 10:40:00 AM

Lab ID: 2111D23-033

Matrix: SOIL

Received Date: 11/30/2021 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: SB
Diesel Range Organics (DRO)	70	9.4		mg/Kg	1	12/4/2021 2:19:35 AM
Motor Oil Range Organics (MRO)	54	47		mg/Kg	1	12/4/2021 2:19:35 AM
Surr: DNOP	86.4	70-130		%Rec	1	12/4/2021 2:19:35 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: mb
Gasoline Range Organics (GRO)	ND	23		mg/Kg	5	12/2/2021 7:55:00 PM
Surr: BFB	99.7	70-130		%Rec	5	12/2/2021 7:55:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: mb
Benzene	ND	0.12		mg/Kg	5	12/2/2021 7:55:00 PM
Toluene	ND	0.23		mg/Kg	5	12/2/2021 7:55:00 PM
Ethylbenzene	ND	0.23		mg/Kg	5	12/2/2021 7:55:00 PM
Xylenes, Total	ND	0.47		mg/Kg	5	12/2/2021 7:55:00 PM
Surr: 4-Bromofluorobenzene	92.9	70-130		%Rec	5	12/2/2021 7:55:00 PM
EPA METHOD 300.0: ANIONS						Analyst: LRN
Chloride	ND	60		mg/Kg	20	12/3/2021 9:10:20 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	L	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 interference		

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Analytical Report

Lab Order 2111D23

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S-26 Bottom

Project: Texmack 11 Fed Com 3

Collection Date: 11/24/2021 10:45:00 AM

Lab ID: 2111D23-034

Matrix: SOIL

Received Date: 11/30/2021 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: SB
Diesel Range Organics (DRO)	100	9.8		mg/Kg	1	12/4/2021 2:51:18 AM
Motor Oil Range Organics (MRO)	84	49		mg/Kg	1	12/4/2021 2:51:18 AM
Surr: DNOP	86.6	70-130		%Rec	1	12/4/2021 2:51:18 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: mb
Gasoline Range Organics (GRO)	ND	23		mg/Kg	5	12/2/2021 8:54:00 PM
Surr: BFB	103	70-130		%Rec	5	12/2/2021 8:54:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: mb
Benzene	ND	0.12		mg/Kg	5	12/2/2021 8:54:00 PM
Toluene	ND	0.23		mg/Kg	5	12/2/2021 8:54:00 PM
Ethylbenzene	ND	0.23		mg/Kg	5	12/2/2021 8:54:00 PM
Xylenes, Total	ND	0.47		mg/Kg	5	12/2/2021 8:54:00 PM
Surr: 4-Bromofluorobenzene	94.3	70-130		%Rec	5	12/2/2021 8:54:00 PM
EPA METHOD 300.0: ANIONS						Analyst: LRN
Chloride	ND	60		mg/Kg	20	12/3/2021 9:22:45 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	L	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 interference		

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Analytical Report

Lab Order 2111D23

Date Reported:

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S-27 Bottom

Project: Texmack 11 Fed Com 3

Collection Date: 11/24/2021 10:50:00 AM

Lab ID: 2111D23-035

Matrix: SOIL

Received Date: 11/30/2021 8:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: SB
Diesel Range Organics (DRO)	29	9.7		mg/Kg	1	12/4/2021 3:01:50 AM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	12/4/2021 3:01:50 AM
Surr: DNOP	86.2	70-130		%Rec	1	12/4/2021 3:01:50 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: mb
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	12/2/2021 9:53:00 PM
Surr: BFB	101	70-130		%Rec	1	12/2/2021 9:53:00 PM
EPA METHOD 8021B: VOLATILES						Analyst: mb
Benzene	ND	0.024		mg/Kg	1	12/2/2021 9:53:00 PM
Toluene	ND	0.048		mg/Kg	1	12/2/2021 9:53:00 PM
Ethylbenzene	ND	0.048		mg/Kg	1	12/2/2021 9:53:00 PM
Xylenes, Total	ND	0.097		mg/Kg	1	12/2/2021 9:53:00 PM
Surr: 4-Bromofluorobenzene	92.4	70-130		%Rec	1	12/2/2021 9:53:00 PM
EPA METHOD 300.0: ANIONS						Analyst: LRN
Chloride	ND	60		mg/Kg	20	12/3/2021 9:35:09 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	L	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 interference		

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

December 09, 2021

TOM BYNUM

PIMA ENVIROMENTAL

1601 N TURNER STE. 500

HOBBS, NM 88240

RE: TEX MACK 11 FED 3

Enclosed are the results of analyses for samples received by the laboratory on 12/07/21 11:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 12/07/2021
Reported: 12/09/2021
Project Name: TEX MACK 11 FED 3
Project Number: 6-26
Project Location: SPUR

Sampling Date: 11/29/2021
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW - 2 NORTH (H213517-01)

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/08/2021	ND	218	109	200	0.214	
DRO >C10-C28*	<10.0	10.0	12/08/2021	ND	202	101	200	0.175	
EXT DRO >C28-C36	<10.0	10.0	12/08/2021	ND					
Surrogate: 1-Chlorooctane	72.2 %	44.3-133							
Surrogate: 1-Chlorooctadecane	59.1 %	38.9-142							

Sample ID: S - 13 BOTTOM (H213517-02)

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/08/2021	ND	218	109	200	0.214	
DRO >C10-C28*	<10.0	10.0	12/08/2021	ND	202	101	200	0.175	
EXT DRO >C28-C36	<10.0	10.0	12/08/2021	ND					
Surrogate: 1-Chlorooctane	73.0 %	44.3-133							
Surrogate: 1-Chlorooctadecane	67.6 %	38.9-142							

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 12/07/2021
Reported: 12/09/2021
Project Name: TEX MACK 11 FED 3
Project Number: 6-26
Project Location: SPUR

Sampling Date: 11/29/2021
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S - 25 BOTTOM (H213517-03)

TPH 8015M	mg/kg	Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/08/2021	ND	218	109	200	0.214	
DRO >C10-C28*	<10.0	10.0	12/08/2021	ND	202	101	200	0.175	
EXT DRO >C28-C36	<10.0	10.0	12/08/2021	ND					
Surrogate: 1-Chlorooctane	75.6 %	44.3-133							
Surrogate: 1-Chlorooctadecane	69.3 %	38.9-142							

Sample ID: S - 26 BOTTOM (H213517-04)

TPH 8015M	mg/kg	Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/08/2021	ND	218	109	200	0.214	
DRO >C10-C28*	<10.0	10.0	12/08/2021	ND	202	101	200	0.175	
EXT DRO >C28-C36	<10.0	10.0	12/08/2021	ND					
Surrogate: 1-Chlorooctane	80.3 %	44.3-133							
Surrogate: 1-Chlorooctadecane	71.6 %	38.9-142							

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Pima Environmental Services				BILL TO				ANALYSIS REQUEST																		
Project Manager: Tom Bynum				P.O. #:																						
Address: 1601 N Turner St., Suite 500				Company: <i>Spur</i>																						
City: Hobbs State: NM Zip: 88240				Attn:																						
Phone #: 575-964-7740 Fax #:				Address:																						
Project #: <i>6-26</i> Project Owner:				City:																						
Project Name: <i>Tex Mack 11 Fed 3</i>				State: Zip:																						
Project Location:				Phone #:																						
Sampler Name:				Fax #:																						
FOR LAB USE ONLY				MATRIX		PRESERV.		SAMPLING																		
Lab I.D.	Sample I.D.	(GRAB OR C/COMP.)	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME												
<i>H213517</i>																										
	<i>1 SW-2 North</i>	<i>G</i>				<i>S</i>							<i>11-29</i>	<i>8:05</i>												
	<i>2 S-13 Bottom</i>	<i>S</i>				<i>S</i>							<i>11-29</i>	<i>8:10</i>												
	<i>3 S-25 Bottom</i>	<i>S</i>				<i>S</i>							<i>11-29</i>	<i>8:15</i>												
	<i>4 S-26 Bottom</i>	<i>S</i>				<i>S</i>							<i>11-29</i>	<i>8:20</i>												

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Relinquished By: <i>Angel O. Pena</i>	Date: <i>11-29</i>	Received By: <i>Jamara Rodriguez</i>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By:	Date:	Received By:	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One) <i>2.9c</i> <i>C-0.5c</i>	Time: <i>11:40</i>	Sample Condition	CHECKED BY: (Initials) <i>JO</i>	
Sampler - UPS - Bus - Other:	Date:	Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		
	Time:	Yes <input type="checkbox"/> No <input type="checkbox"/>		
		Yes <input type="checkbox"/> No <input type="checkbox"/>		

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

District I
1625 N. French Dr., Hobbs, NM 88240
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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 115573

CONDITIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 115573
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	8/26/2022