



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

September 7<sup>th</sup>, 2021

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

**Re: Site Assessment, Remediation, and Closure Report  
Ross Ranch 22 Battery (Closest Well #002)  
API No. 30-025-27458  
GPS: Latitude 32.6482239 Longitude -104.4789658  
UL "E", Sec. 22, T19S, R25E  
Eddy County, NM  
NMOCD Ref. No. NRH2002854238**

Dear Mr. Hensley,

Spur Energy Partners, LLC, (Spur) has contracted Pima Environmental Services, LLC (Pima) to perform a spill assessment and remediation activities for a crude oil/produced water mixed release at the Ross Ranch 22 Battery (Ross). The initial C-141 was submitted on December 23<sup>rd</sup>, 2019 (Appendix C). This incident was assigned Incident ID NRH2002854238 by the New Mexico Oil Conservation Division (NMOCD).

#### **Site Characterization**

The Ross is approximately fourteen (14) miles southwest of Artesia, NM. This spill site is in Unit E, Section 22, Township 19S, Range 25E, Latitude 32.6482239, Longitude -104.4789658, Eddy, County, NM. Figure 1 references a location map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is in the Quaternary Formation – Piedmont alluvial deposits (Holocene to lower Pleistocene). Includes deposits of higher gradient tributaries bordering major stream valleys, alluvial veneers of the piedmont slope, and alluvial fans. May locally include uppermost Pliocene deposits. The soil in this area is made up of Reagan-Upton association, 0 to 9 percent slopes according to the United States Department of Agriculture Natural Resources Conservation Service soil survey (Appendix B). The drainage courses in this area are well-drained. There is a medium potential for karst geology to be present around the Ross (Figure 3).

According to the New Mexico Office of the State Engineer, the depth to the nearest groundwater in this area is 130 feet below grade surface (BGS). According to the United States Geological Survey (USGS), the nearest groundwater is 124 feet BGS. The closest waterway is Brantley Lake, located approximately 6.37 miles to the southeast of this location. See Appendix A for referenced water surveys.

Table 1 NMAC and Closure Criteria 19.15.29

Depth to Groundwater (Appendix A)	Constituent & Limits				
	Chlorides	Total TPH	GRO+DRO	BTEX	Benzene
124'	20,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg
If the release occurred within any of the following areas, the responsible party would treat the release as if the groundwater was less than 50 feet per Rule 19.15.29					
Water Issues				Yes	No
Within <b>300</b> feet of any continuously flowing watercourse or any other significant watercourse					x
Within <b>200</b> feet of any lakebed, sinkhole, or playa lake (measures from the ordinary high-water mark)					x
Within <b>300</b> feet from an occupied permanent residence, school, hospital, institution, or church					x
Within <b>500</b> feet of a spring or a private, domestic freshwater well used by less than five households for domestic or stock water purposes					x
Within <b>1000</b> feet of any freshwater well or spring					x
Within incorporated municipal boundaries or within a defined municipal freshwater well field					x
Within <b>300</b> feet of a wetlands					x
Within the area overlying a subsurface mine					x
Within an unstable area (Karst)					x
Within a 100-year floodplain					x

Reference Figure 2 for a Topographic Map.

### Release Information

NRH2002854238: On December 12<sup>th</sup>, 2019, a water line busted off the Free Water Knock-Out. The fluid released was calculated to be approximately 1 barrel (bbl) of crude oil and 20 bbls of produced water. A vacuum truck was able to recover approximately 20 bbls of total fluid from the impacted area.

### Site Assessment and Soil Sampling Results

On March 20<sup>th</sup>, 2020, Hungry Horse, LLC mobilized personnel to the site to assess the area and start the delineation process. Laboratory and field results of this sampling event can be found in the following data table.

#### 3-20-20 Soil Sample Results

COMPANY - SPUR ENERGY PARTNERS

LOCATION NAME ROSS RANCH 22 CTB

RELEASE DATE 12/12/19

SP ID	DEPTH	TITR	PID	L-CHL	L-BTEX	L-GRO	L-DRO	L-MRO	TTL TPH	Soil Type	NOTES
SP1	SURF	1200	TPH								
	1'	1360	TPH								
	2'	2400	TPH								
	3'	2000	TPH								
	4'	1200	TPH								
	5'	1200	TPH								
	6'	480									
	7'	400		1000	ND	ND	30.1	ND	30.1		
SP2	SURF	880	TPH								
	1'	800	TPH								
	2'	800	TPH								
	3'	800									
	4'	800		1430	ND	ND	192	89.7	281.7		TOO ROCKY TO DIG FURTHER
SP3	SURF	400	TPH								
	1'	800	TPH								
	2'	400	TPH								
	3'	400	TPH								
	4'	160	TPH								
	5'	1680	TPH								
	6'	2400	TPH								
	7'	2000	TPH								
	8'	560	TPH								
	9'	400	TPH								
	10'	400	TPH								
	11'	320	TPH								
	12'	160	TPH								
	13'	80									
	14'	80		83.6	0.101	ND	639	306	945		COULDN'T GO DEEPER W/AUGER
SP4	SURF	400	TPH								

	1'	3600	TPH								
	2'	2400	TPH								
	3'	800	TPH								
	4'	560									
	5'	320		1250	ND	ND	ND	ND	ND		
SP5	SURF	3280	TPH								
	1'	4400	TPH								
	2'	2480	TPH								
	3'	1680	TPH								
	4'	1200	TPH								
	5'	1200	TPH								
	6'	800	TPH								
	7'	400									
	8'	400		91	ND	ND	71.2	ND	71.2		
SP6	SURF	1680	TPH								
	1'	800	TPH								
	2'	800	TPH								
	3'	800	TPH								
	4'	800	TPH								
	5'	680	TPH								
	6'	480									
	7'	240		306	ND	ND	51.6	ND	51.6		
SP7	SURF	18,800	TPH								
	1'	760	TPH								
	2'	400	TPH								
	3'	400									
	4'	400		716	ND	ND	ND	ND	ND		
SP8	SURF	3200	TPH								
	1'	880	TPH								
	2'	560	TPH								
	3'	420	TPH								
	4'	240	TPH								
	5'	160	TPH								
	6'	80	TPH								
	7'	80	TPH								
	8'	80	TPH								
	9'	80	TPH								
	10'	80	TPH								
	11'	80									
	12'	80		157	ND	ND	80.8	ND	80.8		CAN'T GO DEEPER
SP9	SURF	1680	TPH								
	1'	800	TPH								
	2'	760	TPH								
	3'	560	TPH								
	4'	240	TPH								
	5'	160	TPH								
	6'	160	TPH								
	7'	160	TPH								
	8'	160	TPH								
	9'	160	TPH								
	10'	160	TPH								
	11'	160									
	12'	160		39.7	ND	ND	52.1	ND	ND		
SP10	SURF	760	TPH								
	1'	400	TPH								
	2'	360	TPH								
	3'	240									
	4'	240		52.3	ND	ND	44	ND	44		
SP11	SURF	760	TPH								
	1'	1200	TPH								
	2'	1280	TPH								
	3'	960	TPH								
	4'	760	TPH								
	5'	480	TPH								
	6'	480	TPH								
	7'	400	TPH								
	8'	360	TPH								
	9'	360	TPH								
	10'	320	TPH								
	11'	160	TPH								
	12'	80		213	0.735	ND	402	178	580		Can't Go Deeper
SP12	SURF	3250	TPH								
	1'	2080	TPH								
	2'	4080	TPH								
	3'	880	TPH								
	4'	4000	TPH								
	5'	2960	TPH								
	6'	2000	TPH								
	7'	1680	TPH								
	8'	1480	TPH								
	9'	1200	TPH								
	10'	800	TPH								
	11'	7520									
	12'	240		410	ND	ND	39.2	ND	39.2		
SW 1	SURF	560	TPH								
	1'	480	TPH								
	2'	400	TPH	1070	ND	ND	11,900	8510	20,410		Buried Lines in Area
SW 2	SURF	360	TPH								
	1'	240	TPH								
	2'	240	TPH	ND	ND	ND	641	429	1070		
SW 3	SURF	560	TPH								

	1'	480	TPH										
	2'	480		331	ND	ND	125	203	328				
SW 4	SURF	400	TPH										
	1'	160	TPH										
	2'	80		ND	ND	ND	147	91.2	238.2				
SW 5	SURF	320	TPH										
	1'	160	TPH										
	2'	80		ND	ND	ND	326	422	748				
SW 6	SURF	400	TPH										
	1'	320	TPH										
	2'	240		ND	ND	ND	96.2	103	199.2				

ND- Analyte Not Detected

### Remediation Activities

On June 13<sup>th</sup>, 2021, Pima mobilized personnel and equipment to conduct remedial activities. Because all sample points except for SW 1 were below closure criteria according to Table 1 of 19.15.29.12 NMAC, we excavated the area around SW 1 to a depth of 2' BGS and the rest of the impacted area to a depth of 1' BGS. Samples were taken from the bottoms and sidewalls of our excavation to verify all the contamination was removed. An excavation sample map can be found in figure 5. The laboratory results of this sampling event can be found in the following table.

#### 6-21-21 Excavation Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is >100')								
SPUR ENERGY - ROSS RANCH 22 BATTERY								
Sample Date 6/21/2021		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 Bottom	1'	ND	ND	ND	75	92	167	96
S-2 Bottom	1'	ND	ND	ND	60	72	132	110
S-3 Bottom	1'	ND	ND	ND	61	69	130	100
S-4 Bottom	1'	ND	ND	11	120	160	291	100
S-5 Bottom	1'	ND	ND	ND	13	48	61	ND
S-6 Bottom	1'	ND	ND	ND	48	ND	48	97
S-7 Bottom	1'	ND	ND	ND	58	51	109	120
S-8 Bottom	1'	ND	ND	ND	48	ND	48	160
S-9 Bottom	1'	ND	ND	ND	9.1	ND	9.1	ND
S-10 Bottom	1'	ND	ND	ND	14	ND	14	ND
S-11 Bottom	1'	ND	ND	ND	13	ND	13	ND
S-12 Bottom	1'	ND	ND	ND	ND	ND	0	ND
SW-1 North	1'	ND	ND	ND	40	ND	40	81
SW-2 West	1'	ND	ND	ND	11	ND	11	ND
SW-3 West	1'	ND	ND	ND	13	ND	13	ND
SW-4 South	1'	ND	ND	ND	ND	ND	0	ND
SW-5 East	1'	ND	ND	ND	57	60	117	98
SW-6 East	1'	ND	ND	ND	90	81	171	110

ND- Analyte Not Detected

On June 22<sup>nd</sup>, 2021, Pima returned to the site to complete the remediation process. We laid out the excavated material and treated it with a bioremediation chemical solution. Then we tilled in the treatment and repeated this process twice more until all the material was treated. Then the treated material was used to backfill the excavation. Photographic documentation can be found in Appendix D.

On August 30<sup>th</sup>, 2021, after sending out a 48-hour notification, Pima returned to the site to collect confirmation samples of the affected area. We collected 5-point composite samples from each location. The results of this sampling event can be seen in the following table.

#### 8-18-21 Confirmation Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is >100')								
SPUR ENERGY - ROSS RANCH 22 BATTERY								
Sample Date 8/30/2021		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
S-1	0-6"	ND	ND	ND	ND	ND	0	32
S-2	0-6"	ND	ND	ND	ND	ND	0	32
S-3	0-6"	ND	ND	ND	ND	ND	0	16
S-4	0-6"	ND	ND	ND	ND	ND	0	32
S-5	0-6"	ND	ND	ND	ND	ND	0	32
S-6	0-6"	ND	ND	ND	ND	ND	0	32
S-7	0-6"	ND	ND	ND	ND	ND	0	32
S-8	0-6"	ND	ND	ND	ND	ND	0	32
S-9	0-6"	ND	ND	ND	ND	ND	0	32
S-10	0-6"	ND	ND	ND	ND	ND	0	32
S-11	0-6"	ND	ND	ND	ND	ND	0	32
S-12	0-6"	ND	ND	ND	ND	ND	0	32

ND – Analyte Not Detected

Complete Laboratory Reports are attached in Appendix E.

**Closure Request**

After careful review, Pima requests that this incident, NRH2002854238, be closed. Spur has complied with the applicable closure requirements outlined in rule 19.15.19.12 NMAC.

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

Respectfully,

*Tom Bynum*

Tom Bynum  
Environmental Project Manager  
Pima Environmental Services, LLC

**Attachments**

Figures:

- 1- Location Map
- 2- Topographic Map
- 3- Karst Map
- 4- Site Map
- 5- Excavation Sample Map

Appendices:

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



Pima Environmental Services

**Figures:**

1-Location Map

2-Topo Map

3-Karst Map

4-Site Map

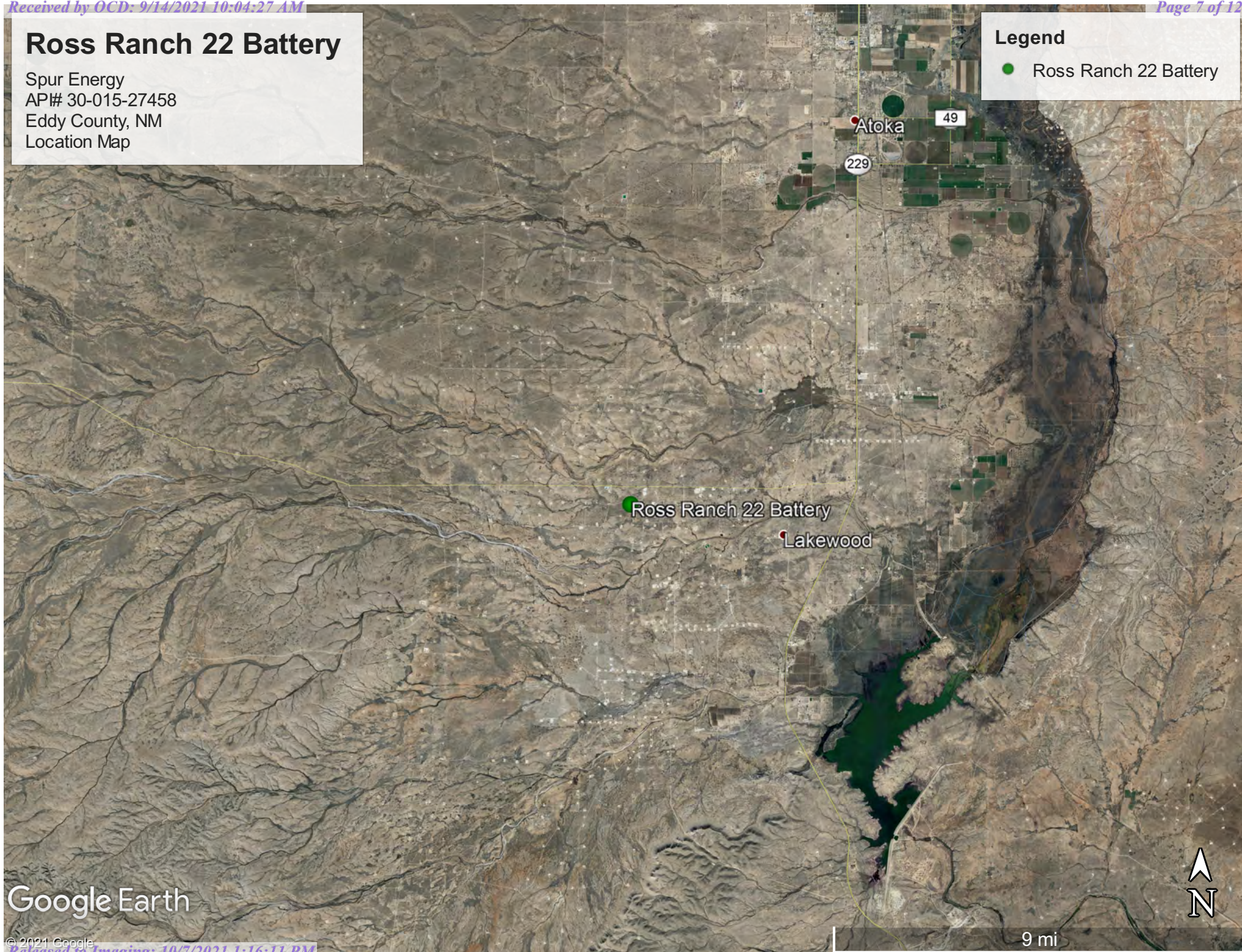
5-Excavation Site Map

# Ross Ranch 22 Battery

Spur Energy  
AP# 30-015-27458  
Eddy County, NM  
Location Map

## Legend

● Ross Ranch 22 Battery



Google Earth



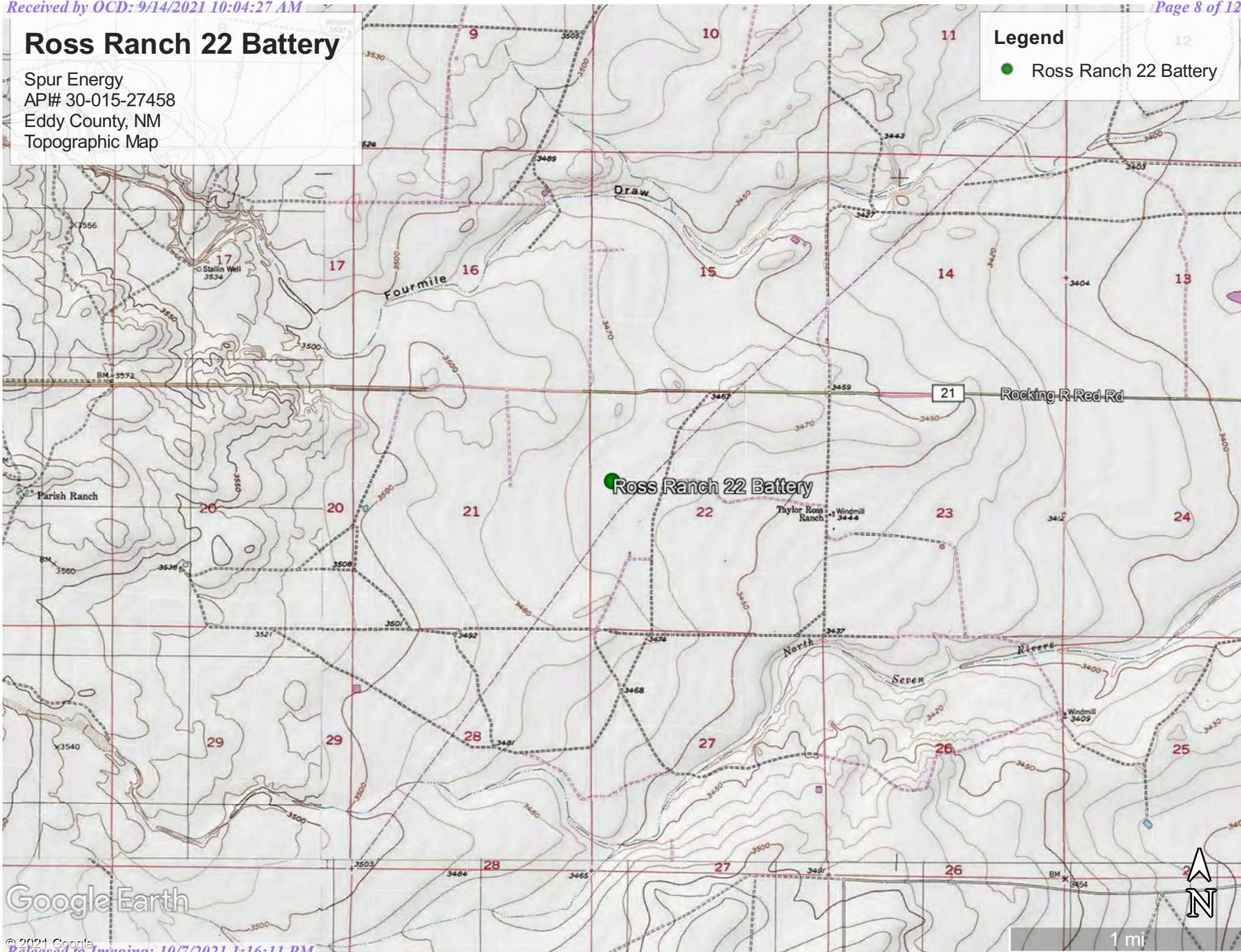
9 mi

# Ross Ranch 22 Battery

Spur Energy  
AP# 30-015-27458  
Eddy County, NM  
Topographic Map

## Legend

- Ross Ranch 22 Battery

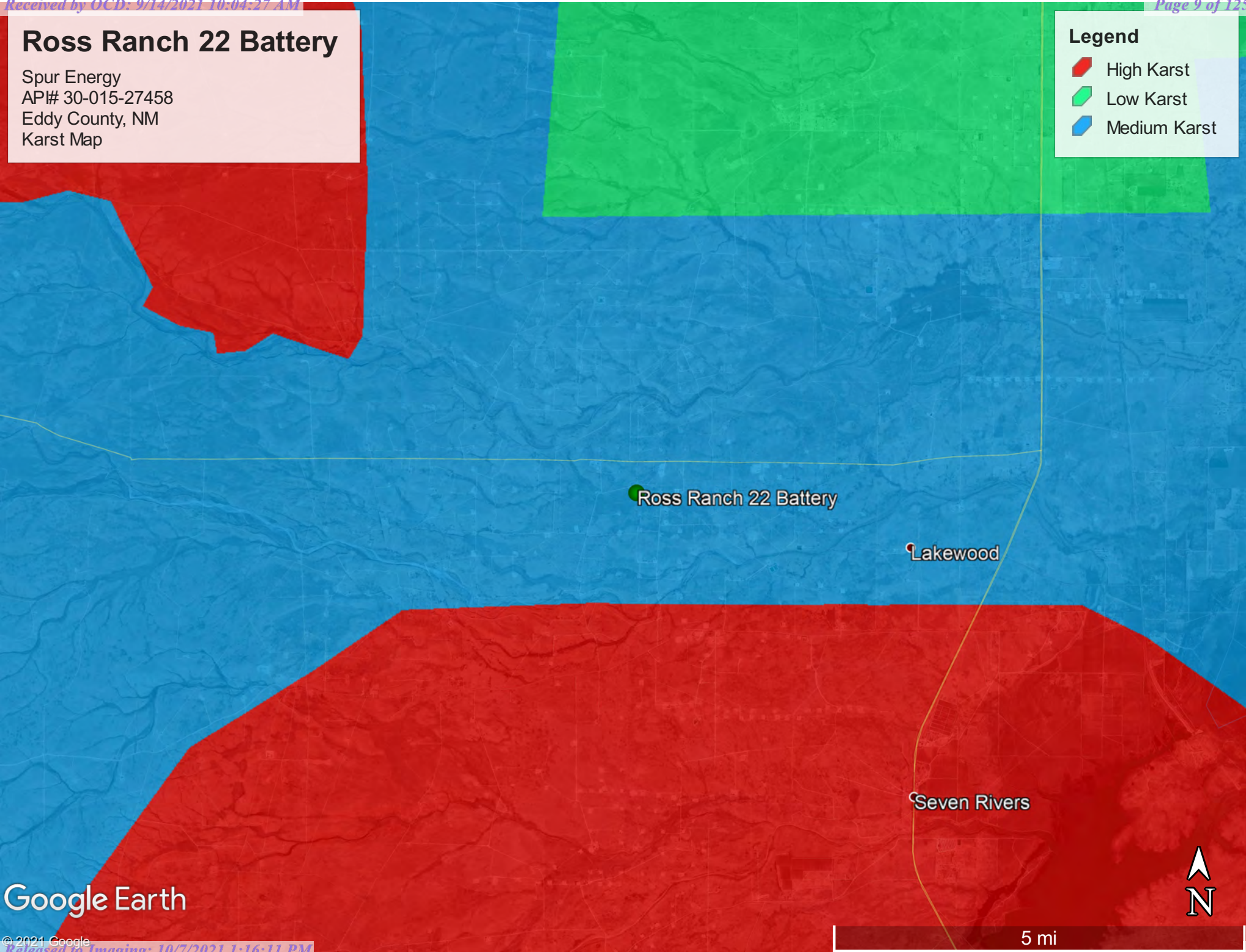


Google Earth

# Ross Ranch 22 Battery

Spur Energy  
AP# 30-015-27458  
Eddy County, NM  
Karst Map

- Legend**
- High Karst
  - Low Karst
  - Medium Karst



Google Earth

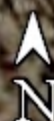
# SPUR ENERGY PARTNERS ROSS RANCH 22 BATTERY

11,959 SQ. FT OF  
IMPACT AREA

## SAMPLE POINT GPS:

SP1: 32.648455 -104.479032  
SP2: 32.648361 -104.479068  
SP3: 32.648241 -104.479048  
SP4: 32.648127 -104.479090  
SP5: 32.647985 -104.479095  
SP6: 32.647925 -104.479069  
SP7: 32.647911 -104.478953  
SP8: 32.648014 -104.478937  
SP9: 32.648080 -104.478992  
SP10: 32.648175 -104.478973  
SP11: 32.648285 -104.478970  
SP12: 32.648357 -104.478940

SW1: 32.648489 -104.479035  
SW2: 32.648297 -104.479115  
SW3: 32.648087 -104.479130  
SW4: 32.647879 -104.479042  
SW5: 32.648045 -104.478885  
SW6: 32.648321 -104.478845

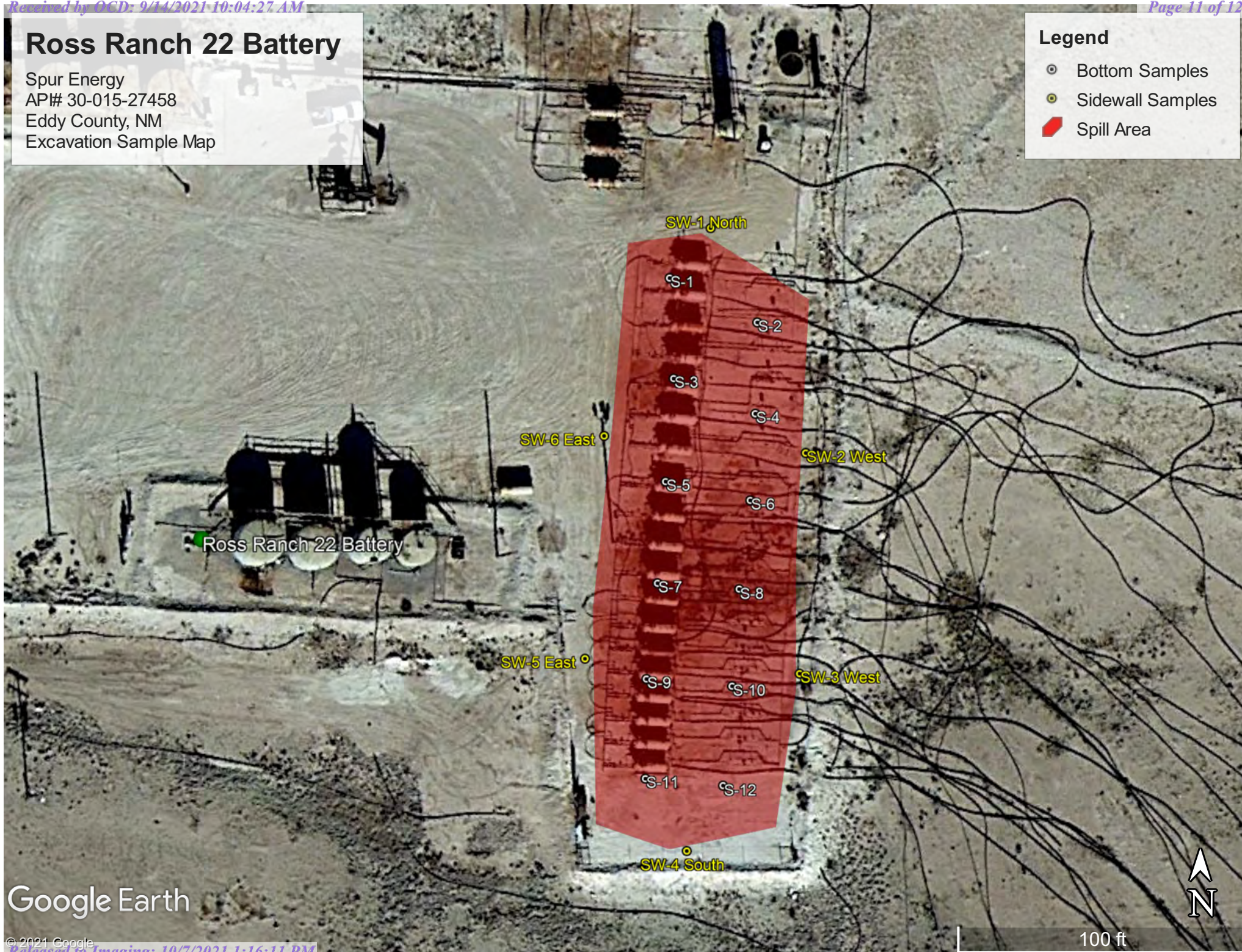


# Ross Ranch 22 Battery

Spur Energy  
AP# 30-015-27458  
Eddy County, NM  
Excavation Sample Map

## Legend

- Bottom Samples
- Sidewall Samples
- Spill Area



Google Earth



Pima Environmental Services

## **Appendix A**

Water Surveys:

OSE

USGS

Active Wells Map

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
<a href="#">RA 02909</a>		RA	ED	1	3	22	19S	25E		548864	3611989*	154	188	130	58
<a href="#">RA 08986</a>		RA	ED	1	3	3	22	19S	25E	548825	3611507	621	320	220	100
<a href="#">RA 03304</a>		RA	ED		1	27	19S	25E		549081	3610973*	1190	130	60	70
<a href="#">RA 05450</a>		RA	CH	4	2	15	19S	25E		550057	3614015*	2268	204	80	124
<a href="#">RA 05900</a>		RA	ED	2	2	16	19S	25E		548442	3614424*	2322	185	95	90
<a href="#">RA 06418</a>		RA	ED	1	2	3	17	19S	25E	545925	3613710*	3278	120	72	48
<a href="#">RA 02958</a>		RA	ED	1	4	34	19S	25E		549681	3608740*	3502	450		
<a href="#">RA 03018</a>		RA	ED	3	2	4	34	19S	25E	549987	3608639*	3686	530		
<a href="#">RA 12222 POD1</a>		RA	ED	2	4	2	30	19S	25E	545284	3610884	3726			
<a href="#">RA 11654 POD1</a>		RA	ED	3	2	19	19S	25E		544959	3612514	3857	500		
<a href="#">RA 05333</a>		RA	ED	2	2	09	19S	25E		548430	3616046*	3934	315	260	55
<a href="#">RA 04726</a>		RA	ED	3	2	19	19S	25E		544825	3612390*	3980	390	310	80

Average Depth to Water: **153 feet**  
 Minimum Depth: **60 feet**  
 Maximum Depth: **310 feet**

**Record Count:** 12

**UTMNAD83 Radius Search (in meters):**

**Easting (X):** 548796.764

**Northing (Y):** 3612128.567

**Radius:** 4000

\*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.

7/7/21 1:40 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER



# New Mexico Office of the State Engineer

## Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)							
		(quarters are smallest to largest)				(NAD83 UTM in meters)			
<b>Well Tag</b>	<b>POD Number</b>	<b>Q64</b>	<b>Q16</b>	<b>Q4</b>	<b>Sec</b>	<b>Tws</b>	<b>Rng</b>	<b>X</b>	<b>Y</b>
RA	02909	1	3	22	19S	25E	548864	3611989*	

---

<b>Driller License:</b>		<b>Driller Company:</b>	
<b>Driller Name:</b> A.F. SMITH			
<b>Drill Start Date:</b>	06/26/1952	<b>Drill Finish Date:</b>	07/05/1952
<b>Log File Date:</b>	08/11/1952	<b>PCW Rev Date:</b>	
<b>Pump Type:</b>		<b>Pipe Discharge Size:</b>	
<b>Casing Size:</b>	8.63	<b>Depth Well:</b>	188 feet
		<b>Depth Water:</b>	130 feet

---

<b>Water Bearing Stratifications:</b>	<b>Top</b>	<b>Bottom</b>	<b>Description</b>
	120	130	Sandstone/Gravel/Conglomerate

\*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.

8/2/21 3:52 PM

POINT OF DIVERSION SUMMARY



USGS Home  
Contact USGS  
Search USGS

## National Water Information System: Web Interface

USGS Water Resources

Data Category:


Groundwater

Geographic Area:

United States

GO

Click to hide News Bulletins

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

Groundwater levels for the Nation

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

## Search Results -- 1 sites found

site\_no list =

- 323842104283501

Minimum number of levels = 1

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

## USGS 323842104283501 19S.25E.22.31430

Available data for this site

Groundwater: Field measurements

GO

Eddy County, New Mexico

Hydrologic Unit Code 13060011

Latitude 32°38'42", Longitude 104°28'35" NAD27

Land-surface elevation 3,463 feet above NAVD88

The depth of the well is 180 feet below land surface.

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

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

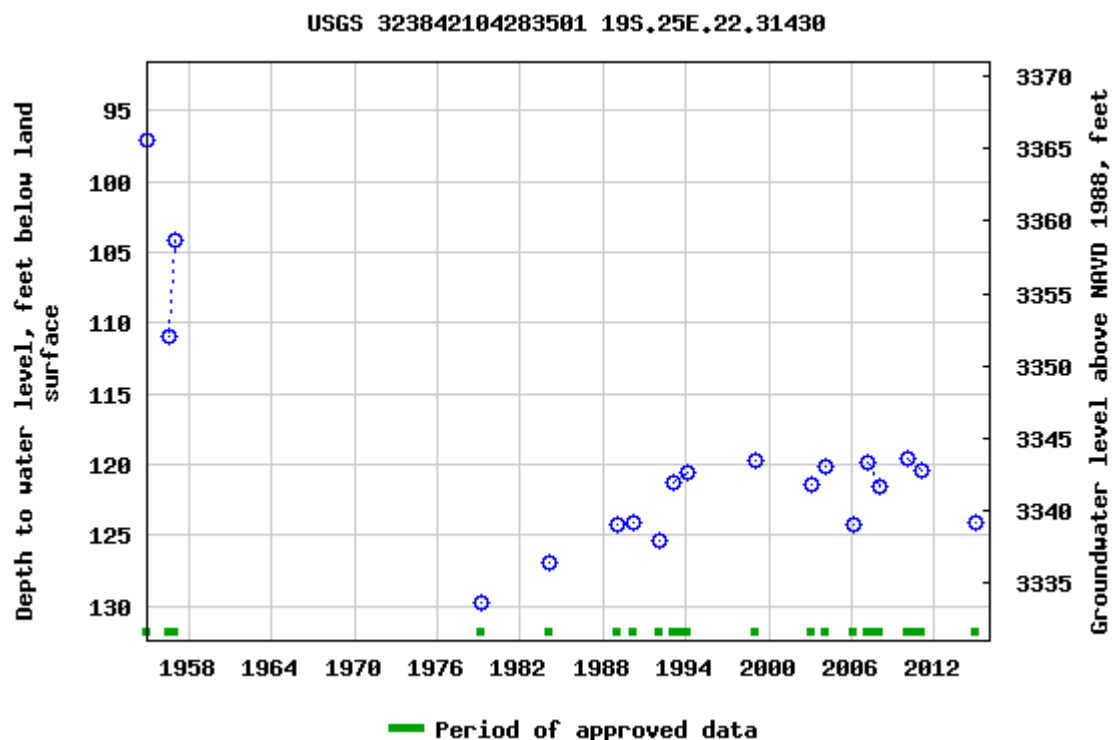
### Output formats

[Table of data](#)

[Tab-separated data](#)

[Graph of data](#)

[Reselect period](#)



Breaks in the plot represent a gap of at least one year between field measurements.  
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**Title: Groundwater for USA: Water Levels**

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

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

Page Last Modified: 2021-07-07 15:47:03 EDT

0.6 0.51 nadww02







National Water Information System: Mapper



# Ross Ranch 22 Battery

Spur Energy  
AP# 30-015-27458  
Eddy County, NM  
Surface Water Map

## Legend

-  6.37 Miles
-  Brantley Lake

Ross Ranch 22 Battery

Brantley Lake

Google Earth

© 2021 Google  
Released to Imaging: 10/7/2021 1:16:11 PM

Brantley Lake

3 mi





Pima Environmental Services

**Appendix B**

Soil Survey & Geological Data

FEMA Flood Map

Map Unit Description: Reagan-Upton association, 0 to 9 percent slopes---Eddy Area, New Mexico

---

## Eddy Area, New Mexico

### RE—Reagan-Upton association, 0 to 9 percent slopes

#### Map Unit Setting

*National map unit symbol:* 1w5d

*Elevation:* 1,100 to 5,400 feet

*Mean annual precipitation:* 6 to 14 inches

*Mean annual air temperature:* 60 to 64 degrees F

*Frost-free period:* 180 to 240 days

*Farmland classification:* Farmland of statewide importance

#### Map Unit Composition

*Reagan and similar soils:* 70 percent

*Upton and similar soils:* 25 percent

*Minor components:* 5 percent

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

#### Description of Reagan

##### Setting

*Landform:* Alluvial fans, fan remnants

*Landform position (three-dimensional):* Rise

*Down-slope shape:* Linear, convex

*Across-slope shape:* Linear

*Parent material:* Alluvium and/or eolian deposits

##### Typical profile

*H1 - 0 to 8 inches:* loam

*H2 - 8 to 60 inches:* loam

##### 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 moderately saline (2.0 to 8.0 mmhos/cm)

*Sodium adsorption ratio, maximum:* 1.0

*Available water capacity:* Moderate (about 8.2 inches)

##### Interpretive groups

*Land capability classification (irrigated):* 2e

*Land capability classification (nonirrigated):* 6e

*Hydrologic Soil Group:* B

Map Unit Description: Reagan-Upton association, 0 to 9 percent slopes---Eddy Area, New Mexico

---

*Ecological site:* R070DY153NM - Loamy  
*Hydric soil rating:* No

### Description of Upton

#### Setting

*Landform:* Fans, ridges  
*Landform position (three-dimensional):* Side slope, rise  
*Down-slope shape:* Convex  
*Across-slope shape:* Convex  
*Parent material:* Residuum weathered from limestone

#### Typical profile

*H1 - 0 to 9 inches:* gravelly loam  
*H2 - 9 to 13 inches:* gravelly loam  
*H3 - 13 to 21 inches:* cemented  
*H4 - 21 to 60 inches:* very gravelly loam

#### Properties and qualities

*Slope:* 0 to 9 percent  
*Depth to restrictive feature:* 7 to 20 inches to petrocalcic  
*Drainage class:* Well drained  
*Runoff class:* High  
*Capacity of the most limiting layer to transmit water (Ksat):* Low to moderately high (0.01 to 0.60 in/hr)  
*Depth to water table:* More than 80 inches  
*Frequency of flooding:* None  
*Frequency of ponding:* None  
*Calcium carbonate, maximum content:* 75 percent  
*Maximum salinity:* Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)  
*Sodium adsorption ratio, maximum:* 1.0  
*Available water capacity:* Very low (about 1.4 inches)

#### Interpretive groups

*Land capability classification (irrigated):* None specified  
*Land capability classification (nonirrigated):* 7s  
*Hydrologic Soil Group:* D  
*Ecological site:* R070DY159NM - Shallow Loamy  
*Hydric soil rating:* No

### Minor Components

#### Atoka

*Percent of map unit:* 3 percent  
*Ecological site:* R042XC007NM - Loamy  
*Hydric soil rating:* No

#### Pima

*Percent of map unit:* 2 percent  
*Ecological site:* R042XC017NM - Bottomland

Map Unit Description: Reagan-Upton association, 0 to 9 percent slopes---Eddy Area, New Mexico

---

*Hydric soil rating:* No

## Data Source Information

Soil Survey Area: Eddy Area, New Mexico  
Survey Area Data: Version 16, Jun 8, 2020

# National Flood Hazard Layer FIRMette



104°29'5"W 32°39'9"N

























0 250 500 1,000 1,500 2,000 Feet 1:6,000 104°28'27"W 32°38'39"N

Released to Imaging: 10/7/2021 4:16:11 PM

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



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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 8/2/2021 at 5:50 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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



Pima Environmental Services

## **Appendix C**

C-141's:

Initial

Final

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

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

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

Incident ID	NRH2002854238
District RP	
Facility ID	
Application ID	

## Release Notification

### Responsible Party

Responsible Party <b>SPUR ENERGY PARTNERS</b>	OGRID <b>328947</b>
Contact Name <b>KENNY KIDD</b>	Contact Telephone <b>575-616-5400</b>
Contact email <b>kkidd@spurepllc.com</b>	Incident # (assigned by OCD)
Contact mailing address <b>919 MILAM STREET SUITE 2475 HOUSTON TEXAS 77002</b>	

### Location of Release Source

Latitude **32.6482239**

Longitude **-104.4789658**  
(NAD 83 in decimal degrees to 5 decimal places)

Site Name <b>ROSS RANCH 22 BTY (CLOSEST WELL #002)</b>	Site Type <b>OIL &amp; GAS</b>
Date Release Discovered <b>12-12-19</b>	API# <b>30-015-27458</b>

Unit Letter	Section	Township	Range	County
<b>E</b>	<b>22</b>	<b>19S</b>	<b>25E</b>	<b>EDDY</b>

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) <b>1BBL</b>	Volume Recovered (bbls) <b>1BBL</b>
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) <b>20BBLS</b>	Volume Recovered (bbls) <b>19BBLS</b>
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

**WATER LINE BUSTED OFF OF THE FWKO.**

Incident ID	NRH2002854238
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release?          
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?          	

### Initial Response

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

- ☒ The source of the release has been stopped.
- ☒ The impacted area has been secured to protect human health and the environment.
- ☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
- ☒ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not 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: NATALIE GLADDEN Title: ENVIRONMENTAL AND REGULATORY  
**DIRECTOR**

Signature: Natalie Gladden Date: 12/23/19

email: NGLADDEN@HUNGRY-HORSE.COM Telephone: 575-390-6397

#### OCD Only

Received by: Cristina Eads Date: 02/06/2020

Incident ID	NRH2002854238
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>&gt;100</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas <b>not</b> 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

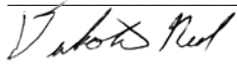
If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, 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

Page 4

Incident ID	NRH2002854238
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: Dakota Neel Title: HSE Coordinator  
Signature:  Date: 9/7/2021  
email: dneel@spurepllc.com Telephone: 832-849-7837

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

Incident ID	NRH2002854238
District RP	
Facility ID	
Application ID	


## Closure

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

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

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

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

Printed Name: Dakota Neel Title: HSE Coordinator  
Signature:  Date: 9/7/2021  
email: dneel@spurepllc.com Telephone: 832-849-7837

### OCD Only

Received by: Chad Hensley Date: 10/07/2021

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: 10/07/2021  
Printed Name: Chad Hensley Title: Environmental Specialist Advanced



Pima Environmental Services

## **Appendix D**

Photographic Documentation



**SITE PHOTOGRAPHS**  
**SPUR ENERGY COMPANY**  
**ROSS RANCH 22 BATTERY**

**Pre-Treatment**







## Post Treatment





Pima Environmental Services

## **Appendix E**

Laboratory Reports



## Analytical Report

### Report Summary

Client: Spur

Samples Received: 3/6/2020

Job Number: 19054-0003

Work Order: P003024

Project Name/Location: Ross Ranch Battery

Report Reviewed By:

A handwritten signature in black ink, appearing to read 'Walter Hinchman', is written over a light blue rectangular background.

Date: 3/10/20

Walter Hinchman, Laboratory Director



Envirotech Inc. certifies the test results meet all requirements of TNI unless footnoted otherwise.  
Statement of Data Authenticity: Envirotech, Inc, attests the data reported has not been altered in any way.  
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.  
Envirotech, Inc, holds the Utah TNI certification NM009792018-1 for the data reported.  
Envirotech, Inc, holds the Texas TNI certification T104704557-19-2 for the data reported.



Spur	Project Name:	Ross Ranch Battery	<b>Reported:</b> 03/10/20 15:39
PO Box 1058	Project Number:	19054-0003	
Hobbs NM, 88240	Project Manager:	Lindsey Salgado	

### Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Sp3-14	P003024-01A	Soil	03/02/20	03/06/20	Glass Jar, 4 oz.
Sp1-7	P003024-02A	Soil	03/03/20	03/06/20	Glass Jar, 4 oz.
Sp2-4	P003024-03A	Soil	03/03/20	03/06/20	Glass Jar, 4 oz.
Sp4-5	P003024-04A	Soil	03/03/20	03/06/20	Glass Jar, 4 oz.
Sp5-8	P003024-05A	Soil	03/03/20	03/06/20	Glass Jar, 4 oz.

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Spur	Project Name:	Ross Ranch Battery	
PO Box 1058	Project Number:	19054-0003	<b>Reported:</b>
Hobbs NM, 88240	Project Manager:	Lindsey Salgado	03/10/20 15:39

**Sp3-14**  
**P003024-01 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

**Volatile Organics by EPA 8021**

Benzene	ND	0.0250	mg/kg	1	2010030	03/06/20	03/06/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2010030	03/06/20	03/06/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2010030	03/06/20	03/06/20	EPA 8021B	
p,m-Xylene	<b>0.0692</b>	0.0500	mg/kg	1	2010030	03/06/20	03/06/20	EPA 8021B	
o-Xylene	<b>0.0320</b>	0.0250	mg/kg	1	2010030	03/06/20	03/06/20	EPA 8021B	
Total Xylenes	<b>0.101</b>	0.0250	mg/kg	1	2010030	03/06/20	03/06/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		<i>107 %</i>		<i>50-150</i>	<i>2010030</i>	<i>03/06/20</i>	<i>03/06/20</i>	<i>EPA 8021B</i>	

**Nonhalogenated Organics by 8015 - DRO/ORO**

Diesel Range Organics (C10-C28)	<b>639</b>	50.0	mg/kg	2	2010018	03/06/20	03/10/20	EPA 8015D	
Oil Range Organics (C28-C40)	<b>306</b>	100	mg/kg	2	2010018	03/06/20	03/10/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		<i>113 %</i>		<i>50-200</i>	<i>2010018</i>	<i>03/06/20</i>	<i>03/10/20</i>	<i>EPA 8015D</i>	

**Nonhalogenated Organics by 8015 - GRO**

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2010030	03/06/20	03/06/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		<i>94.2 %</i>		<i>50-150</i>	<i>2010030</i>	<i>03/06/20</i>	<i>03/06/20</i>	<i>EPA 8015D</i>	

**Anions by 300.0/9056A**

Chloride	<b>83.6</b>	20.0	mg/kg	1	2010036	03/06/20	03/09/20	EPA 300.0/9056A	
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Spur	Project Name:	Ross Ranch Battery	<b>Reported:</b> 03/10/20 15:39
PO Box 1058	Project Number:	19054-0003	
Hobbs NM, 88240	Project Manager:	Lindsey Salgado	

**Sp1-7**  
**P003024-02 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

**Volatile Organics by EPA 8021**

Benzene	ND	0.0250	mg/kg	1	2010030	03/06/20	03/06/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2010030	03/06/20	03/06/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2010030	03/06/20	03/06/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2010030	03/06/20	03/06/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2010030	03/06/20	03/06/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2010030	03/06/20	03/06/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		107 %		50-150	2010030	03/06/20	03/06/20	EPA 8021B	

**Nonhalogenated Organics by 8015 - DRO/ORO**

Diesel Range Organics (C10-C28)	30.1	25.0	mg/kg	1	2010018	03/06/20	03/10/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2010018	03/06/20	03/10/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		85.4 %		50-200	2010018	03/06/20	03/10/20	EPA 8015D	

**Nonhalogenated Organics by 8015 - GRO**

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2010030	03/06/20	03/06/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.2 %		50-150	2010030	03/06/20	03/06/20	EPA 8015D	

**Anions by 300.0/9056A**

Chloride	1000	20.0	mg/kg	1	2010036	03/06/20	03/09/20	EPA 300.0/9056A	
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Spur	Project Name:	Ross Ranch Battery	<b>Reported:</b> 03/10/20 15:39
PO Box 1058	Project Number:	19054-0003	
Hobbs NM, 88240	Project Manager:	Lindsey Salgado	

**Sp2-4**  
**P003024-03 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

**Volatile Organics by EPA 8021**

Benzene	ND	0.0250	mg/kg	1	2010030	03/06/20	03/07/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2010030	03/06/20	03/07/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2010030	03/06/20	03/07/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2010030	03/06/20	03/07/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2010030	03/06/20	03/07/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2010030	03/06/20	03/07/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		107 %		50-150	2010030	03/06/20	03/07/20	EPA 8021B	

**Nonhalogenated Organics by 8015 - DRO/ORO**

Diesel Range Organics (C10-C28)	192	25.0	mg/kg	1	2010018	03/06/20	03/10/20	EPA 8015D	
Oil Range Organics (C28-C40)	89.7	50.0	mg/kg	1	2010018	03/06/20	03/10/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		84.9 %		50-200	2010018	03/06/20	03/10/20	EPA 8015D	

**Nonhalogenated Organics by 8015 - GRO**

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2010030	03/06/20	03/07/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.5 %		50-150	2010030	03/06/20	03/07/20	EPA 8015D	

**Anions by 300.0/9056A**

Chloride	1430	20.0	mg/kg	1	2010036	03/06/20	03/09/20	EPA 300.0/9056A	
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Spur	Project Name:	Ross Ranch Battery	<b>Reported:</b> 03/10/20 15:39
PO Box 1058	Project Number:	19054-0003	
Hobbs NM, 88240	Project Manager:	Lindsey Salgado	

**Sp4-5**  
**P003024-04 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

**Volatile Organics by EPA 8021**

Benzene	ND	0.0250	mg/kg	1	2010030	03/06/20	03/07/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2010030	03/06/20	03/07/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2010030	03/06/20	03/07/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2010030	03/06/20	03/07/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2010030	03/06/20	03/07/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2010030	03/06/20	03/07/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		106 %		50-150	2010030	03/06/20	03/07/20	EPA 8021B	

**Nonhalogenated Organics by 8015 - DRO/ORO**

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2010018	03/06/20	03/10/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2010018	03/06/20	03/10/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		87.0 %		50-200	2010018	03/06/20	03/10/20	EPA 8015D	

**Nonhalogenated Organics by 8015 - GRO**

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2010030	03/06/20	03/07/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.0 %		50-150	2010030	03/06/20	03/07/20	EPA 8015D	

**Anions by 300.0/9056A**

Chloride	1250	20.0	mg/kg	1	2010036	03/06/20	03/09/20	EPA 300.0/9056A	
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Spur	Project Name:	Ross Ranch Battery	
PO Box 1058	Project Number:	19054-0003	<b>Reported:</b>
Hobbs NM, 88240	Project Manager:	Lindsey Salgado	03/10/20 15:39

**Sp5-8**  
**P003024-05 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

**Volatile Organics by EPA 8021**

Benzene	ND	0.0250	mg/kg	1	2010030	03/06/20	03/07/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2010030	03/06/20	03/07/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2010030	03/06/20	03/07/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2010030	03/06/20	03/07/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2010030	03/06/20	03/07/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2010030	03/06/20	03/07/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		108 %		50-150	2010030	03/06/20	03/07/20	EPA 8021B	

**Nonhalogenated Organics by 8015 - DRO/ORO**

Diesel Range Organics (C10-C28)	71.2	25.0	mg/kg	1	2010018	03/06/20	03/10/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2010018	03/06/20	03/10/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		93.2 %		50-200	2010018	03/06/20	03/10/20	EPA 8015D	

**Nonhalogenated Organics by 8015 - GRO**

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2010030	03/06/20	03/07/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.8 %		50-150	2010030	03/06/20	03/07/20	EPA 8015D	

**Anions by 300.0/9056A**

Chloride	921	20.0	mg/kg	1	2010036	03/06/20	03/09/20	EPA 300.0/9056A	
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Spur	Project Name:	Ross Ranch Battery	<b>Reported:</b> 03/10/20 15:39
PO Box 1058	Project Number:	19054-0003	
Hobbs NM, 88240	Project Manager:	Lindsey Salgado	

**Volatile Organics by EPA 8021 - Quality Control****Envirotech Analytical Laboratory**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 2010030 - Purge and Trap EPA 5030A****Blank (2010030-BLK1)**

Prepared: 03/06/20 0 Analyzed: 03/06/20 1

Benzene	ND	0.0250	mg/kg							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
p,m-Xylene	ND	0.0500	"							
o-Xylene	ND	0.0250	"							
Total Xylenes	ND	0.0250	"							

Surrogate: 4-Bromochlorobenzene-PID	8.32		"	8.00		104	50-150			
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**LCS (2010030-BS1)**

Prepared: 03/06/20 0 Analyzed: 03/06/20 1

Benzene	4.74	0.0250	mg/kg	5.00		94.7	70-130			
Toluene	4.74	0.0250	"	5.00		94.9	70-130			
Ethylbenzene	4.72	0.0250	"	5.00		94.5	70-130			
p,m-Xylene	9.45	0.0500	"	10.0		94.5	70-130			
o-Xylene	4.78	0.0250	"	5.00		95.5	70-130			
Total Xylenes	14.2	0.0250	"	15.0		94.9	0-200			

Surrogate: 4-Bromochlorobenzene-PID	8.56		"	8.00		107	50-150			
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**Matrix Spike (2010030-MS1)**

Source: P003020-01

Prepared: 03/06/20 0 Analyzed: 03/06/20 1

Benzene	4.44	0.0250	mg/kg	5.00	0.0901	86.9	54.3-133			
Toluene	5.15	0.0250	"	5.00	0.373	95.4	61.4-130			
Ethylbenzene	6.13	0.0250	"	5.00	1.08	101	61.4-133			
p,m-Xylene	15.9	0.0500	"	10.0	4.96	110	63.3-131			
o-Xylene	7.66	0.0250	"	5.00	1.97	114	63.3-131			
Total Xylenes	23.6	0.0250	"	15.0	6.93	111	0-200			

Surrogate: 4-Bromochlorobenzene-PID	9.53		"	8.00		119	50-150			
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**Matrix Spike Dup (2010030-MSD1)**

Source: P003020-01

Prepared: 03/06/20 0 Analyzed: 03/06/20 1

Benzene	4.50	0.0250	mg/kg	5.00	0.0901	88.2	54.3-133	1.45	20	
Toluene	5.29	0.0250	"	5.00	0.373	98.4	61.4-130	2.80	20	
Ethylbenzene	6.39	0.0250	"	5.00	1.08	106	61.4-133	4.14	20	
p,m-Xylene	17.0	0.0500	"	10.0	4.96	121	63.3-131	6.65	20	
o-Xylene	8.18	0.0250	"	5.00	1.97	124	63.3-131	6.58	20	
Total Xylenes	25.2	0.0250	"	15.0	6.93	122	0-200	6.63	200	

Surrogate: 4-Bromochlorobenzene-PID	9.53		"	8.00		119	50-150			
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Spur	Project Name:	Ross Ranch Battery	
PO Box 1058	Project Number:	19054-0003	<b>Reported:</b>
Hobbs NM, 88240	Project Manager:	Lindsey Salgado	03/10/20 15:39

### Nonhalogenated Organics by 8015 - DRO/ORO - Quality Control

#### Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 2010018 - DRO Extraction EPA 3570

##### Blank (2010018-BLK1)

Prepared: 03/04/20 1 Analyzed: 03/10/20 1

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40)	ND	50.0	"							
Surrogate: n-Nonane	48.0		"	50.0		96.0	50-200			

##### LCS (2010018-BS1)

Prepared: 03/04/20 1 Analyzed: 03/10/20 1

Diesel Range Organics (C10-C28)	429	25.0	mg/kg	500		85.8	38-132			
Surrogate: n-Nonane	48.2		"	50.0		96.4	50-200			

##### Matrix Spike (2010018-MS1)

Source: P003016-01

Prepared: 03/04/20 1 Analyzed: 03/10/20 1

Diesel Range Organics (C10-C28)	1670	250	mg/kg	500	1060	122	38-132			
Surrogate: n-Nonane	55.1		"	50.0		110	50-200			

##### Matrix Spike Dup (2010018-MSD1)

Source: P003016-01

Prepared: 03/04/20 1 Analyzed: 03/10/20 1

Diesel Range Organics (C10-C28)	1610	250	mg/kg	500	1060	111	38-132	3.43	20	
Surrogate: n-Nonane	54.9		"	50.0		110	50-200			

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Spur	Project Name:	Ross Ranch Battery	
PO Box 1058	Project Number:	19054-0003	<b>Reported:</b>
Hobbs NM, 88240	Project Manager:	Lindsey Salgado	03/10/20 15:39

## Nonhalogenated Organics by 8015 - GRO - Quality Control

## Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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## Batch 2010030 - Purge and Trap EPA 5030A

## Blank (2010030-BLK1)

Prepared: 03/06/20 0 Analyzed: 03/06/20 1

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.57		"	8.00		94.6	50-150			

## LCS (2010030-BS2)

Prepared: 03/06/20 0 Analyzed: 03/06/20 1

Gasoline Range Organics (C6-C10)	47.3	20.0	mg/kg	50.0		94.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.58		"	8.00		94.7	50-150			

## Matrix Spike (2010030-MS2)

Source: P003020-01

Prepared: 03/06/20 0 Analyzed: 03/06/20 1

Gasoline Range Organics (C6-C10)	215	20.0	mg/kg	50.0	121	189	70-130			M2
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.85		"	8.00		111	50-150			

## Matrix Spike Dup (2010030-MSD2)

Source: P003020-01

Prepared: 03/06/20 0 Analyzed: 03/06/20 2

Gasoline Range Organics (C6-C10)	234	20.0	mg/kg	50.0	121	227	70-130	8.30	20	M2
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.88		"	8.00		111	50-150			

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Spur	Project Name:	Ross Ranch Battery	
PO Box 1058	Project Number:	19054-0003	<b>Reported:</b>
Hobbs NM, 88240	Project Manager:	Lindsey Salgado	03/10/20 15:39

**Anions by 300.0/9056A - Quality Control****Envirotech Analytical Laboratory**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 2010036 - Anion Extraction EPA 300.0/9056A****Blank (2010036-BLK1)**

Prepared: 03/06/20 1 Analyzed: 03/09/20 1

Chloride ND 20.0 mg/kg

**LCS (2010036-BS1)**

Prepared: 03/06/20 1 Analyzed: 03/09/20 1

Chloride 251 20.0 mg/kg 250 100 90-110

**Matrix Spike (2010036-MS1)****Source: P003021-01**

Prepared: 03/06/20 1 Analyzed: 03/09/20 1

Chloride 609 20.0 mg/kg 250 362 98.6 80-120

**Matrix Spike Dup (2010036-MSD1)****Source: P003021-01**

Prepared: 03/06/20 1 Analyzed: 03/09/20 1

Chloride 627 20.0 mg/kg 250 362 106 80-120 2.88 20

**QC Summary Report****Comment:**

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

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Spur	Project Name:	Ross Ranch Battery	
PO Box 1058	Project Number:	19054-0003	<b>Reported:</b>
Hobbs NM, 88240	Project Manager:	Lindsey Salgado	03/10/20 15:39

### Notes and Definitions

M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

\*\* Methods marked with \*\* are non-accredited methods.

Soil data is reported on an "as received" weight basis, unless reported otherwise.

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## Project Information

## Chain of Custody

Page 1 of 1

Client: <u>Spr</u>				Bill To				Lab Use Only				TAT		EPA Program							
Project: <u>ROSS Ranch Battery</u>				Attention: <u>Natalie Gladden</u>				Lab WO# <u>P003024</u>				Job Number <u>190540003</u>		1D	3D	RCRA	CWA	SDWA			
Project Manager: <u>Lindsey Salgado</u>				Address:				Analysis and Method										State			
Address:				City, State, Zip														NM CO UT AZ			
City, State, Zip				Phone:														TX OK			
Phone:				Email: <u>Njadden@shungry-horse.com</u>																	
Email: <u>Salgado@shungry-horse.com</u>				Report due by:																	
Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC - NM	BGDOC - TX			Remarks			
3:21	3/2/20	S	1	Sp3-14	1													1.4oz glass jar			
10:27	3/3/20			Sp1-7	2													1			
9:07	3/3/20			Sp2-4	3																
11:51	3/3/20			Sp4-5	4																
2:35	3/2/20			Sp5-8	5																
Additional Instructions:																					
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:												Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Lab Use Only									
<u>[Signature]</u>		3/2/20		0630		<u>[Signature]</u>		3/2/20		0630		Received on ice: <u>Y</u> / N									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		T1 T2 T3									
<u>[Signature]</u>		3/5/20		1415		<u>[Signature]</u>		3.5.2020		1415											
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		AVG Temp °C									
<u>[Signature]</u>		3.5.2020		1600		<u>[Signature]</u>		3.6.20		09:30		4.0°C									
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other												Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA									
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																					



## Analytical Report

### Report Summary

Client: Spur

Samples Received: 3/9/2020

Job Number: 19054-0003

Work Order: P003038

Project Name/Location: Ross Ranch

Report Reviewed By:

A handwritten signature in black ink, appearing to read 'Walter Hinchman', is written over a light blue rectangular background.

Date: 3/11/20

Walter Hinchman, Laboratory Director



Envirotech Inc. certifies the test results meet all requirements of TNI unless footnoted otherwise.  
Statement of Data Authenticity: Envirotech, Inc, attests the data reported has not been altered in any way.  
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.  
Envirotech, Inc, holds the Utah TNI certification NM009792018-1 for the data reported.  
Envirotech, Inc, holds the Texas TNI certification T104704557-19-2 for the data reported.



Spur	Project Name:	Ross Ranch	<b>Reported:</b> 03/11/20 16:02
PO Box 1058	Project Number:	19054-0003	
Hobbs NM, 88240	Project Manager:	Natalie Gladden	

### Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Sp7-4	P003038-01A	Soil	03/05/20	03/09/20	Glass Jar, 4 oz.
Sp8-12	P003038-02A	Soil	03/05/20	03/09/20	Glass Jar, 4 oz.
Sp9-12	P003038-03A	Soil	03/05/20	03/09/20	Glass Jar, 4 oz.
Sp10-4	P003038-04A	Soil	03/05/20	03/09/20	Glass Jar, 4 oz.

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Spur	Project Name:	Ross Ranch	
PO Box 1058	Project Number:	19054-0003	<b>Reported:</b>
Hobbs NM, 88240	Project Manager:	Natalie Gladden	03/11/20 16:02

**Sp7-4**  
**P003038-01 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

**Volatile Organics by EPA 8021**

Benzene	ND	0.0250	mg/kg	1	2011005	03/09/20	03/10/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2011005	03/09/20	03/10/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2011005	03/09/20	03/10/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2011005	03/09/20	03/10/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2011005	03/09/20	03/10/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2011005	03/09/20	03/10/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		105 %		50-150	2011005	03/09/20	03/10/20	EPA 8021B	

**Nonhalogenated Organics by 8015 - DRO/ORO**

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	2011008	03/09/20	03/10/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2011008	03/09/20	03/10/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		101 %		50-200	2011008	03/09/20	03/10/20	EPA 8015D	

**Nonhalogenated Organics by 8015 - GRO**

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2011005	03/09/20	03/10/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.5 %		50-150	2011005	03/09/20	03/10/20	EPA 8015D	

**Anions by 300.0/9056A**

Chloride	716	40.0	mg/kg	2	2011012	03/10/20	03/10/20	EPA 300.0/9056A	
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Spur	Project Name:	Ross Ranch	
PO Box 1058	Project Number:	19054-0003	<b>Reported:</b>
Hobbs NM, 88240	Project Manager:	Natalie Gladden	03/11/20 16:02

**Sp8-12**  
**P003038-02 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

**Volatile Organics by EPA 8021**

Benzene	ND	0.0250	mg/kg	1	2011005	03/09/20	03/10/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2011005	03/09/20	03/10/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2011005	03/09/20	03/10/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2011005	03/09/20	03/10/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2011005	03/09/20	03/10/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2011005	03/09/20	03/10/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		107 %		50-150	2011005	03/09/20	03/10/20	EPA 8021B	

**Nonhalogenated Organics by 8015 - DRO/ORO**

Diesel Range Organics (C10-C28)	80.8	25.0	mg/kg	1	2011008	03/09/20	03/10/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2011008	03/09/20	03/10/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		92.4 %		50-200	2011008	03/09/20	03/10/20	EPA 8015D	

**Nonhalogenated Organics by 8015 - GRO**

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2011005	03/09/20	03/10/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.5 %		50-150	2011005	03/09/20	03/10/20	EPA 8015D	

**Anions by 300.0/9056A**

Chloride	157	20.0	mg/kg	1	2011012	03/10/20	03/10/20	EPA 300.0/9056A	
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Spur	Project Name:	Ross Ranch	
PO Box 1058	Project Number:	19054-0003	<b>Reported:</b>
Hobbs NM, 88240	Project Manager:	Natalie Gladden	03/11/20 16:02

**Sp9-12**  
**P003038-03 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

**Volatile Organics by EPA 8021**

Benzene	ND	0.0250	mg/kg	1	2011005	03/09/20	03/10/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2011005	03/09/20	03/10/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2011005	03/09/20	03/10/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2011005	03/09/20	03/10/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2011005	03/09/20	03/10/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2011005	03/09/20	03/10/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		<i>105 %</i>		<i>50-150</i>	<i>2011005</i>	<i>03/09/20</i>	<i>03/10/20</i>	<i>EPA 8021B</i>	

**Nonhalogenated Organics by 8015 - DRO/ORO**

Diesel Range Organics (C10-C28)	<b>52.1</b>	25.0	mg/kg	1	2011008	03/09/20	03/10/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2011008	03/09/20	03/10/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		<i>93.9 %</i>		<i>50-200</i>	<i>2011008</i>	<i>03/09/20</i>	<i>03/10/20</i>	<i>EPA 8015D</i>	

**Nonhalogenated Organics by 8015 - GRO**

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2011005	03/09/20	03/10/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		<i>95.3 %</i>		<i>50-150</i>	<i>2011005</i>	<i>03/09/20</i>	<i>03/10/20</i>	<i>EPA 8015D</i>	

**Anions by 300.0/9056A**

Chloride	<b>39.7</b>	20.0	mg/kg	1	2011012	03/10/20	03/10/20	EPA 300.0/9056A	
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Spur	Project Name:	Ross Ranch	
PO Box 1058	Project Number:	19054-0003	<b>Reported:</b>
Hobbs NM, 88240	Project Manager:	Natalie Gladden	03/11/20 16:02

**Sp10-4**  
**P003038-04 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

**Volatile Organics by EPA 8021**

Benzene	ND	0.0250	mg/kg	1	2011005	03/09/20	03/10/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2011005	03/09/20	03/10/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2011005	03/09/20	03/10/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2011005	03/09/20	03/10/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2011005	03/09/20	03/10/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2011005	03/09/20	03/10/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %		50-150	2011005	03/09/20	03/10/20	EPA 8021B	

**Nonhalogenated Organics by 8015 - DRO/ORO**

Diesel Range Organics (C10-C28)	44.0	25.0	mg/kg	1	2011008	03/09/20	03/10/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2011008	03/09/20	03/10/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		81.3 %		50-200	2011008	03/09/20	03/10/20	EPA 8015D	

**Nonhalogenated Organics by 8015 - GRO**

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2011005	03/09/20	03/10/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.2 %		50-150	2011005	03/09/20	03/10/20	EPA 8015D	

**Anions by 300.0/9056A**

Chloride	52.3	20.0	mg/kg	1	2011012	03/10/20	03/10/20	EPA 300.0/9056A	
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Spur	Project Name:	Ross Ranch	<b>Reported:</b> 03/11/20 16:02
PO Box 1058	Project Number:	19054-0003	
Hobbs NM, 88240	Project Manager:	Natalie Gladden	

**Volatile Organics by EPA 8021 - Quality Control****Envirotech Analytical Laboratory**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 2011005 - Purge and Trap EPA 5030A****Blank (2011005-BLK1)**

Prepared: 03/09/20 1 Analyzed: 03/09/20 2

Benzene	ND	0.0250	mg/kg							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
p,m-Xylene	ND	0.0500	"							
o-Xylene	ND	0.0250	"							
Total Xylenes	ND	0.0250	"							

Surrogate: 4-Bromochlorobenzene-PID	8.49		"	8.00		106	50-150			
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**LCS (2011005-BS1)**

Prepared: 03/09/20 1 Analyzed: 03/09/20 2

Benzene	5.04	0.0250	mg/kg	5.00		101	70-130			
Toluene	5.12	0.0250	"	5.00		102	70-130			
Ethylbenzene	5.13	0.0250	"	5.00		103	70-130			
p,m-Xylene	10.2	0.0500	"	10.0		102	70-130			
o-Xylene	5.18	0.0250	"	5.00		104	70-130			
Total Xylenes	15.4	0.0250	"	15.0		103	0-200			

Surrogate: 4-Bromochlorobenzene-PID	8.57		"	8.00		107	50-150			
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**Matrix Spike (2011005-MS1)**

Source: P003036-01

Prepared: 03/09/20 1 Analyzed: 03/10/20 0

Benzene	4.90	0.0250	mg/kg	5.00	ND	98.0	54.3-133			
Toluene	4.99	0.0250	"	5.00	ND	99.9	61.4-130			
Ethylbenzene	5.02	0.0250	"	5.00	ND	100	61.4-133			
p,m-Xylene	10.0	0.0500	"	10.0	0.0526	99.8	63.3-131			
o-Xylene	5.06	0.0250	"	5.00	ND	101	63.3-131			
Total Xylenes	15.1	0.0250	"	15.0	0.0526	100	0-200			

Surrogate: 4-Bromochlorobenzene-PID	8.61		"	8.00		108	50-150			
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**Matrix Spike Dup (2011005-MSD1)**

Source: P003036-01

Prepared: 03/09/20 1 Analyzed: 03/10/20 0

Benzene	4.89	0.0250	mg/kg	5.00	ND	97.8	54.3-133	0.193	20	
Toluene	4.95	0.0250	"	5.00	ND	99.0	61.4-130	0.905	20	
Ethylbenzene	4.98	0.0250	"	5.00	ND	99.5	61.4-133	0.878	20	
p,m-Xylene	9.94	0.0500	"	10.0	0.0526	98.9	63.3-131	0.850	20	
o-Xylene	5.05	0.0250	"	5.00	ND	101	63.3-131	0.238	20	
Total Xylenes	15.0	0.0250	"	15.0	0.0526	99.6	0-200	0.645	200	

Surrogate: 4-Bromochlorobenzene-PID	8.57		"	8.00		107	50-150			
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Spur	Project Name:	Ross Ranch	
PO Box 1058	Project Number:	19054-0003	<b>Reported:</b>
Hobbs NM, 88240	Project Manager:	Natalie Gladden	03/11/20 16:02

## Nonhalogenated Organics by 8015 - DRO/ORO - Quality Control

## Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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## Batch 2011008 - DRO Extraction EPA 3570

## Blank (2011008-BLK1)

Prepared: 03/09/20 1 Analyzed: 03/10/20 0

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40)	ND	50.0	"							
Surrogate: n-Nonane	45.1		"	50.0		90.3	50-200			

## LCS (2011008-BS1)

Prepared: 03/09/20 1 Analyzed: 03/10/20 0

Diesel Range Organics (C10-C28)	419	25.0	mg/kg	500		83.7	38-132			
Surrogate: n-Nonane	45.4		"	50.0		90.9	50-200			

## Matrix Spike (2011008-MS1)

Source: P003034-01

Prepared: 03/09/20 1 Analyzed: 03/10/20 0

Diesel Range Organics (C10-C28)	522	25.0	mg/kg	500	ND	104	38-132			
Surrogate: n-Nonane	47.6		"	50.0		95.2	50-200			

## Matrix Spike Dup (2011008-MSD1)

Source: P003034-01

Prepared: 03/09/20 1 Analyzed: 03/10/20 0

Diesel Range Organics (C10-C28)	513	25.0	mg/kg	500	ND	103	38-132	1.74	20	
Surrogate: n-Nonane	49.3		"	50.0		98.7	50-200			

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Spur	Project Name:	Ross Ranch	<b>Reported:</b> 03/11/20 16:02
PO Box 1058	Project Number:	19054-0003	
Hobbs NM, 88240	Project Manager:	Natalie Gladden	

## Nonhalogenated Organics by 8015 - GRO - Quality Control

## Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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## Batch 2011005 - Purge and Trap EPA 5030A

## Blank (2011005-BLK1)

Prepared: 03/09/20 1 Analyzed: 03/09/20 2

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.39		"	8.00		92.4	50-150			

## LCS (2011005-BS2)

Prepared: 03/09/20 1 Analyzed: 03/09/20 2

Gasoline Range Organics (C6-C10)	46.5	20.0	mg/kg	50.0		93.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.59		"	8.00		94.9	50-150			

## Matrix Spike (2011005-MS2)

Source: P003036-01

Prepared: 03/09/20 1 Analyzed: 03/10/20 0

Gasoline Range Organics (C6-C10)	51.2	20.0	mg/kg	50.0	ND	102	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.62		"	8.00		95.2	50-150			

## Matrix Spike Dup (2011005-MSD2)

Source: P003036-01

Prepared: 03/09/20 1 Analyzed: 03/10/20 0

Gasoline Range Organics (C6-C10)	50.0	20.0	mg/kg	50.0	ND	100	70-130	2.49	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.52		"	8.00		94.0	50-150			

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Spur	Project Name:	Ross Ranch	
PO Box 1058	Project Number:	19054-0003	<b>Reported:</b>
Hobbs NM, 88240	Project Manager:	Natalie Gladden	03/11/20 16:02

**Anions by 300.0/9056A - Quality Control****Envirotech Analytical Laboratory**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 2011012 - Anion Extraction EPA 300.0/9056A****Blank (2011012-BLK1)**

Prepared: 03/10/20 0 Analyzed: 03/10/20 1

Chloride ND 20.0 mg/kg

**LCS (2011012-BS1)**

Prepared: 03/10/20 0 Analyzed: 03/10/20 1

Chloride 253 20.0 mg/kg 250 101 90-110

**Matrix Spike (2011012-MS1)****Source: P003038-01**

Prepared: 03/10/20 0 Analyzed: 03/10/20 1

Chloride 981 40.0 mg/kg 250 716 106 80-120

**Matrix Spike Dup (2011012-MSD1)****Source: P003038-01**

Prepared: 03/10/20 0 Analyzed: 03/10/20 1

Chloride 985 40.0 mg/kg 250 716 108 80-120 0.435 20

**QC Summary Report****Comment:**

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

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Spur	Project Name:	Ross Ranch	
PO Box 1058	Project Number:	19054-0003	<b>Reported:</b>
Hobbs NM, 88240	Project Manager:	Natalie Gladden	03/11/20 16:02

### Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit


NR Not Reported

RPD Relative Percent Difference

\*\* Methods marked with \*\* are non-accredited methods.

Soil data is reported on an "as received" weight basis, unless reported otherwise.

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 24 Hour Emergency Response Phone: (800) 362-1879      [labadmin@envirotech-inc.com](mailto:labadmin@envirotech-inc.com)



## Analytical Report

### Report Summary

Client: Spur

Samples Received: 3/11/2020

Job Number: 19054-0003

Work Order: P003056

Project Name/Location: Ross Ranch Battery

Report Reviewed By:

A handwritten signature in black ink, appearing to read 'Walter Hinchman', is written over a light blue rectangular background.

Date: 3/13/20

Walter Hinchman, Laboratory Director



Envirotech Inc. certifies the test results meet all requirements of TNI unless footnoted otherwise.  
Statement of Data Authenticity: Envirotech, Inc, attests the data reported has not been altered in any way.  
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Envirotech, Inc, holds the Utah TNI certification NM009792018-1 for the data reported.  
Envirotech, Inc, holds the Texas TNI certification T104704557-19-2 for the data reported.



Spur	Project Name:	Ross Ranch Battery	<b>Reported:</b> 03/13/20 15:05
PO Box 1058	Project Number:	19054-0003	
Hobbs NM, 88240	Project Manager:	Lindsey Salgado	

### Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Sp11-12'	P003056-01A	Soil	03/06/20	03/11/20	Glass Jar, 4 oz.
Sp12-12	P003056-02A	Soil	03/06/20	03/11/20	Glass Jar, 4 oz.
SW1-2	P003056-03A	Soil	03/06/20	03/11/20	Glass Jar, 4 oz.
SW2-2'	P003056-04A	Soil	03/06/20	03/11/20	Glass Jar, 4 oz.
SW3-2'	P003056-05A	Soil	03/06/20	03/11/20	Glass Jar, 4 oz.
SW4-2	P003056-06A	Soil	03/06/20	03/11/20	Glass Jar, 4 oz.
SW5-2	P003056-07A	Soil	03/06/20	03/11/20	Glass Jar, 4 oz.
SW6-2	P003056-08A	Soil	03/06/20	03/11/20	Glass Jar, 4 oz.
SP6-7	P003056-09A	Soil	03/06/20	03/11/20	Glass Jar, 4 oz.

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Spur	Project Name:	Ross Ranch Battery	
PO Box 1058	Project Number:	19054-0003	<b>Reported:</b>
Hobbs NM, 88240	Project Manager:	Lindsey Salgado	03/13/20 15:05

**Sp11-12'**  
**P003056-01 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

**Volatile Organics by EPA 8021**

Benzene	ND	0.0250	mg/kg	1	2011027	03/11/20	03/13/20	EPA 8021B	
Toluene	<b>0.0668</b>	0.0250	mg/kg	1	2011027	03/11/20	03/13/20	EPA 8021B	
Ethylbenzene	<b>0.219</b>	0.0250	mg/kg	1	2011027	03/11/20	03/13/20	EPA 8021B	
p,m-Xylene	<b>0.425</b>	0.0500	mg/kg	1	2011027	03/11/20	03/13/20	EPA 8021B	
o-Xylene	<b>0.308</b>	0.0250	mg/kg	1	2011027	03/11/20	03/13/20	EPA 8021B	
Total Xylenes	<b>0.733</b>	0.0250	mg/kg	1	2011027	03/11/20	03/13/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		<i>107 %</i>		<i>50-150</i>	<i>2011027</i>	<i>03/11/20</i>	<i>03/13/20</i>	<i>EPA 8021B</i>	

**Nonhalogenated Organics by 8015 - DRO/ORO**

Diesel Range Organics (C10-C28)	<b>402</b>	50.0	mg/kg	2	2011035	03/12/20	03/13/20	EPA 8015D	
Oil Range Organics (C28-C40)	<b>178</b>	100	mg/kg	2	2011035	03/12/20	03/13/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		<i>104 %</i>		<i>50-200</i>	<i>2011035</i>	<i>03/12/20</i>	<i>03/13/20</i>	<i>EPA 8015D</i>	

**Nonhalogenated Organics by 8015 - GRO**

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2011027	03/11/20	03/13/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		<i>87.0 %</i>		<i>50-150</i>	<i>2011027</i>	<i>03/11/20</i>	<i>03/13/20</i>	<i>EPA 8015D</i>	

**Anions by 300.0/9056A**

Chloride	<b>213</b>	20.0	mg/kg	1	2011020	03/11/20	03/12/20	EPA 300.0/9056A	
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Spur	Project Name:	Ross Ranch Battery	
PO Box 1058	Project Number:	19054-0003	<b>Reported:</b>
Hobbs NM, 88240	Project Manager:	Lindsey Salgado	03/13/20 15:05

**Sp12-12**  
**P003056-02 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

**Volatile Organics by EPA 8021**

Benzene	ND	0.0250	mg/kg	1	2011027	03/11/20	03/13/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2011027	03/11/20	03/13/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2011027	03/11/20	03/13/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2011027	03/11/20	03/13/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2011027	03/11/20	03/13/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2011027	03/11/20	03/13/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		<i>105 %</i>		<i>50-150</i>	<i>2011027</i>	<i>03/11/20</i>	<i>03/13/20</i>	<i>EPA 8021B</i>	

**Nonhalogenated Organics by 8015 - DRO/ORO**

Diesel Range Organics (C10-C28)	<b>39.2</b>	25.0	mg/kg	1	2011035	03/12/20	03/13/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2011035	03/12/20	03/13/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		<i>87.6 %</i>		<i>50-200</i>	<i>2011035</i>	<i>03/12/20</i>	<i>03/13/20</i>	<i>EPA 8015D</i>	

**Nonhalogenated Organics by 8015 - GRO**

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2011027	03/11/20	03/13/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		<i>85.9 %</i>		<i>50-150</i>	<i>2011027</i>	<i>03/11/20</i>	<i>03/13/20</i>	<i>EPA 8015D</i>	

**Anions by 300.0/9056A**

Chloride	<b>410</b>	20.0	mg/kg	1	2011020	03/11/20	03/12/20	EPA 300.0/9056A	
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Spur	Project Name:	Ross Ranch Battery	
PO Box 1058	Project Number:	19054-0003	<b>Reported:</b>
Hobbs NM, 88240	Project Manager:	Lindsey Salgado	03/13/20 15:05

**SW1-2**  
**P003056-03 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

**Volatile Organics by EPA 8021**

Benzene	ND	0.0250	mg/kg	1	2011027	03/11/20	03/13/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2011027	03/11/20	03/13/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2011027	03/11/20	03/13/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2011027	03/11/20	03/13/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2011027	03/11/20	03/13/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2011027	03/11/20	03/13/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %		50-150	2011027	03/11/20	03/13/20	EPA 8021B	

**Nonhalogenated Organics by 8015 - DRO/ORO**

Diesel Range Organics (C10-C28)	11900	2500	mg/kg	100	2011035	03/12/20	03/13/20	EPA 8015D	
Oil Range Organics (C28-C40)	8510	5000	mg/kg	100	2011035	03/12/20	03/13/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		%		50-200	2011035	03/12/20	03/13/20	EPA 8015D	S6

**Nonhalogenated Organics by 8015 - GRO**

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2011027	03/11/20	03/13/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		84.7 %		50-150	2011027	03/11/20	03/13/20	EPA 8015D	

**Anions by 300.0/9056A**

Chloride	1070	20.0	mg/kg	1	2011020	03/11/20	03/12/20	EPA 300.0/9056A	
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Spur	Project Name:	Ross Ranch Battery	
PO Box 1058	Project Number:	19054-0003	<b>Reported:</b>
Hobbs NM, 88240	Project Manager:	Lindsey Salgado	03/13/20 15:05

**SW2-2'**  
**P003056-04 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

**Volatile Organics by EPA 8021**

Benzene	ND	0.0250	mg/kg	1	2011027	03/11/20	03/13/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2011027	03/11/20	03/13/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2011027	03/11/20	03/13/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2011027	03/11/20	03/13/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2011027	03/11/20	03/13/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2011027	03/11/20	03/13/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		106 %		50-150	2011027	03/11/20	03/13/20	EPA 8021B	

**Nonhalogenated Organics by 8015 - DRO/ORO**

Diesel Range Organics (C10-C28)	641	125	mg/kg	5	2011035	03/12/20	03/13/20	EPA 8015D	
Oil Range Organics (C28-C40)	429	250	mg/kg	5	2011035	03/12/20	03/13/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		98.8 %		50-200	2011035	03/12/20	03/13/20	EPA 8015D	

**Nonhalogenated Organics by 8015 - GRO**

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2011027	03/11/20	03/13/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		84.9 %		50-150	2011027	03/11/20	03/13/20	EPA 8015D	

**Anions by 300.0/9056A**

Chloride	ND	20.0	mg/kg	1	2011020	03/11/20	03/12/20	EPA 300.0/9056A	
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Spur	Project Name:	Ross Ranch Battery	
PO Box 1058	Project Number:	19054-0003	<b>Reported:</b>
Hobbs NM, 88240	Project Manager:	Lindsey Salgado	03/13/20 15:05

**SW3-2'****P003056-05 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

**Volatile Organics by EPA 8021**

Benzene	ND	0.0250	mg/kg	1	2011027	03/11/20	03/13/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2011027	03/11/20	03/13/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2011027	03/11/20	03/13/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2011027	03/11/20	03/13/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2011027	03/11/20	03/13/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2011027	03/11/20	03/13/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		105 %		50-150	2011027	03/11/20	03/13/20	EPA 8021B	

**Nonhalogenated Organics by 8015 - DRO/ORO**

Diesel Range Organics (C10-C28)	125	25.0	mg/kg	1	2011035	03/12/20	03/13/20	EPA 8015D	
Oil Range Organics (C28-C40)	203	50.0	mg/kg	1	2011035	03/12/20	03/13/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		94.9 %		50-200	2011035	03/12/20	03/13/20	EPA 8015D	

**Nonhalogenated Organics by 8015 - GRO**

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2011027	03/11/20	03/13/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		85.0 %		50-150	2011027	03/11/20	03/13/20	EPA 8015D	

**Anions by 300.0/9056A**

Chloride	331	20.0	mg/kg	1	2011020	03/11/20	03/12/20	EPA 300.0/9056A	
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Spur	Project Name:	Ross Ranch Battery	
PO Box 1058	Project Number:	19054-0003	<b>Reported:</b>
Hobbs NM, 88240	Project Manager:	Lindsey Salgado	03/13/20 15:05

**SW4-2****P003056-06 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

**Volatile Organics by EPA 8021**

Benzene	ND	0.0250	mg/kg	1	2011027	03/11/20	03/13/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2011027	03/11/20	03/13/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2011027	03/11/20	03/13/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2011027	03/11/20	03/13/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2011027	03/11/20	03/13/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2011027	03/11/20	03/13/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		105 %		50-150	2011027	03/11/20	03/13/20	EPA 8021B	

**Nonhalogenated Organics by 8015 - DRO/ORO**

Diesel Range Organics (C10-C28)	147	25.0	mg/kg	1	2011035	03/12/20	03/13/20	EPA 8015D	
Oil Range Organics (C28-C40)	91.2	50.0	mg/kg	1	2011035	03/12/20	03/13/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		86.3 %		50-200	2011035	03/12/20	03/13/20	EPA 8015D	

**Nonhalogenated Organics by 8015 - GRO**

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2011027	03/11/20	03/13/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		85.5 %		50-150	2011027	03/11/20	03/13/20	EPA 8015D	

**Anions by 300.0/9056A**

Chloride	ND	20.0	mg/kg	1	2011020	03/11/20	03/12/20	EPA 300.0/9056A	
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Spur	Project Name:	Ross Ranch Battery	<b>Reported:</b> 03/13/20 15:05
PO Box 1058	Project Number:	19054-0003	
Hobbs NM, 88240	Project Manager:	Lindsey Salgado	

**SW5-2**  
**P003056-07 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

**Volatile Organics by EPA 8021**

Benzene	ND	0.0250	mg/kg	1	2011027	03/11/20	03/13/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2011027	03/11/20	03/13/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2011027	03/11/20	03/13/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2011027	03/11/20	03/13/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2011027	03/11/20	03/13/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2011027	03/11/20	03/13/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		105 %		50-150	2011027	03/11/20	03/13/20	EPA 8021B	

**Nonhalogenated Organics by 8015 - DRO/ORO**

Diesel Range Organics (C10-C28)	326	125	mg/kg	5	2011035	03/12/20	03/13/20	EPA 8015D	
Oil Range Organics (C28-C40)	422	250	mg/kg	5	2011035	03/12/20	03/13/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		102 %		50-200	2011035	03/12/20	03/13/20	EPA 8015D	

**Nonhalogenated Organics by 8015 - GRO**

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2011027	03/11/20	03/13/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		86.6 %		50-150	2011027	03/11/20	03/13/20	EPA 8015D	

**Anions by 300.0/9056A**

Chloride	ND	20.0	mg/kg	1	2011020	03/11/20	03/12/20	EPA 300.0/9056A	
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Spur	Project Name:	Ross Ranch Battery	<b>Reported:</b> 03/13/20 15:05
PO Box 1058	Project Number:	19054-0003	
Hobbs NM, 88240	Project Manager:	Lindsey Salgado	

**SW6-2**  
**P003056-08 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

**Volatile Organics by EPA 8021**

Benzene	ND	0.0250	mg/kg	1	2011027	03/11/20	03/13/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2011027	03/11/20	03/13/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2011027	03/11/20	03/13/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2011027	03/11/20	03/13/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2011027	03/11/20	03/13/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2011027	03/11/20	03/13/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %		50-150	2011027	03/11/20	03/13/20	EPA 8021B	

**Nonhalogenated Organics by 8015 - DRO/ORO**

Diesel Range Organics (C10-C28)	96.2	25.0	mg/kg	1	2011035	03/12/20	03/13/20	EPA 8015D	
Oil Range Organics (C28-C40)	103	50.0	mg/kg	1	2011035	03/12/20	03/13/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		100 %		50-200	2011035	03/12/20	03/13/20	EPA 8015D	

**Nonhalogenated Organics by 8015 - GRO**

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2011027	03/11/20	03/13/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		86.7 %		50-150	2011027	03/11/20	03/13/20	EPA 8015D	

**Anions by 300.0/9056A**

Chloride	ND	20.0	mg/kg	1	2011020	03/11/20	03/12/20	EPA 300.0/9056A	
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Spur	Project Name:	Ross Ranch Battery	
PO Box 1058	Project Number:	19054-0003	<b>Reported:</b>
Hobbs NM, 88240	Project Manager:	Lindsey Salgado	03/13/20 15:05

**SP6-7**  
**P003056-09 (Solid)**

Reporting									
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes

**Volatile Organics by EPA 8021**

Benzene	ND	0.0250	mg/kg	1	2011027	03/11/20	03/13/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	2011027	03/11/20	03/13/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	2011027	03/11/20	03/13/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	2011027	03/11/20	03/13/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	2011027	03/11/20	03/13/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	2011027	03/11/20	03/13/20	EPA 8021B	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		105 %		50-150	2011027	03/11/20	03/13/20	EPA 8021B	

**Nonhalogenated Organics by 8015 - DRO/ORO**

Diesel Range Organics (C10-C28)	51.6	25.0	mg/kg	1	2011035	03/12/20	03/13/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2011035	03/12/20	03/13/20	EPA 8015D	
<i>Surrogate: n-Nonane</i>		85.1 %		50-200	2011035	03/12/20	03/13/20	EPA 8015D	

**Nonhalogenated Organics by 8015 - GRO**

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2011027	03/11/20	03/13/20	EPA 8015D	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		86.6 %		50-150	2011027	03/11/20	03/13/20	EPA 8015D	

**Anions by 300.0/9056A**

Chloride	306	20.0	mg/kg	1	2011020	03/11/20	03/12/20	EPA 300.0/9056A	
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Spur	Project Name:	Ross Ranch Battery	<b>Reported:</b> 03/13/20 15:05
PO Box 1058	Project Number:	19054-0003	
Hobbs NM, 88240	Project Manager:	Lindsey Salgado	

**Volatile Organics by EPA 8021 - Quality Control****Envirotech Analytical Laboratory**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 2011027 - Purge and Trap EPA 5030A****Blank (2011027-BLK1)**

Prepared: 03/11/20 1 Analyzed: 03/12/20 1

Benzene	ND	0.0250	mg/kg							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
p,m-Xylene	ND	0.0500	"							
o-Xylene	ND	0.0250	"							
Total Xylenes	ND	0.0250	"							

Surrogate: 4-Bromochlorobenzene-PID	8.37		"	8.00		105	50-150			
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**LCS (2011027-BS1)**

Prepared: 03/11/20 1 Analyzed: 03/12/20 1

Benzene	4.23	0.0250	mg/kg	5.00		84.7	70-130			
Toluene	4.67	0.0250	"	5.00		93.4	70-130			
Ethylbenzene	4.76	0.0250	"	5.00		95.2	70-130			
p,m-Xylene	9.45	0.0500	"	10.0		94.5	70-130			
o-Xylene	4.74	0.0250	"	5.00		94.8	70-130			
Total Xylenes	14.2	0.0250	"	15.0		94.6	0-200			

Surrogate: 4-Bromochlorobenzene-PID	8.46		"	8.00		106	50-150			
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**Matrix Spike (2011027-MS1)**

Source: P003055-01

Prepared: 03/11/20 1 Analyzed: 03/12/20 1

Benzene	4.27	0.0250	mg/kg	5.00	ND	85.3	54.3-133			
Toluene	4.82	0.0250	"	5.00	ND	96.5	61.4-130			
Ethylbenzene	4.95	0.0250	"	5.00	ND	99.0	61.4-133			
p,m-Xylene	9.83	0.0500	"	10.0	ND	98.3	63.3-131			
o-Xylene	4.94	0.0250	"	5.00	ND	98.7	63.3-131			
Total Xylenes	14.8	0.0250	"	15.0	ND	98.4	0-200			

Surrogate: 4-Bromochlorobenzene-PID	8.44		"	8.00		106	50-150			
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**Matrix Spike Dup (2011027-MSD1)**

Source: P003055-01

Prepared: 03/11/20 1 Analyzed: 03/12/20 1

Benzene	4.22	0.0250	mg/kg	5.00	ND	84.4	54.3-133	1.07	20	
Toluene	4.77	0.0250	"	5.00	ND	95.4	61.4-130	1.10	20	
Ethylbenzene	4.92	0.0250	"	5.00	ND	98.4	61.4-133	0.545	20	
p,m-Xylene	9.78	0.0500	"	10.0	ND	97.8	63.3-131	0.562	20	
o-Xylene	4.90	0.0250	"	5.00	ND	98.0	63.3-131	0.707	20	
Total Xylenes	14.7	0.0250	"	15.0	ND	97.8	0-200	0.610	200	

Surrogate: 4-Bromochlorobenzene-PID	8.49		"	8.00		106	50-150			
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Spur	Project Name:	Ross Ranch Battery	
PO Box 1058	Project Number:	19054-0003	<b>Reported:</b>
Hobbs NM, 88240	Project Manager:	Lindsey Salgado	03/13/20 15:05

## Nonhalogenated Organics by 8015 - DRO/ORO - Quality Control

## Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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## Batch 2011035 - DRO Extraction EPA 3570

## Blank (2011035-BLK1)

Prepared: 03/12/20 1 Analyzed: 03/12/20 2

Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40)	ND	50.0	"							
Surrogate: n-Nonane	50.9		"	50.0		102	50-200			

## LCS (2011035-BS1)

Prepared: 03/12/20 1 Analyzed: 03/13/20 0

Diesel Range Organics (C10-C28)	421	25.0	mg/kg	500		84.2	38-132			
Surrogate: n-Nonane	46.4		"	50.0		92.7	50-200			

## Matrix Spike (2011035-MS1)

Source: P003046-01

Prepared: 03/12/20 1 Analyzed: 03/13/20 0

Diesel Range Organics (C10-C28)	428	25.0	mg/kg	500	ND	85.6	38-132			
Surrogate: n-Nonane	47.0		"	50.0		94.0	50-200			

## Matrix Spike Dup (2011035-MSD1)

Source: P003046-01

Prepared: 03/12/20 1 Analyzed: 03/13/20 0

Diesel Range Organics (C10-C28)	428	25.0	mg/kg	500	ND	85.6	38-132	0.0736	20	
Surrogate: n-Nonane	47.2		"	50.0		94.3	50-200			

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Spur	Project Name:	Ross Ranch Battery	<b>Reported:</b> 03/13/20 15:05
PO Box 1058	Project Number:	19054-0003	
Hobbs NM, 88240	Project Manager:	Lindsey Salgado	

## Nonhalogenated Organics by 8015 - GRO - Quality Control

## Envirotech Analytical Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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## Batch 2011027 - Purge and Trap EPA 5030A

## Blank (2011027-BLK1)

Prepared: 03/11/20 1 Analyzed: 03/12/20 1

Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.89		"	8.00		86.2	50-150			

## LCS (2011027-BS2)

Prepared: 03/11/20 1 Analyzed: 03/12/20 1

Gasoline Range Organics (C6-C10)	45.8	20.0	mg/kg	50.0		91.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.99		"	8.00		87.4	50-150			

## Matrix Spike (2011027-MS2)

Source: P003055-01

Prepared: 03/11/20 1 Analyzed: 03/12/20 1

Gasoline Range Organics (C6-C10)	48.3	20.0	mg/kg	50.0	ND	96.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.92		"	8.00		86.5	50-150			

## Matrix Spike Dup (2011027-MSD2)

Source: P003055-01

Prepared: 03/11/20 1 Analyzed: 03/12/20 1

Gasoline Range Organics (C6-C10)	47.4	20.0	mg/kg	50.0	ND	94.8	70-130	1.87	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.97		"	8.00		87.1	50-150			

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Spur	Project Name:	Ross Ranch Battery	
PO Box 1058	Project Number:	19054-0003	<b>Reported:</b>
Hobbs NM, 88240	Project Manager:	Lindsey Salgado	03/13/20 15:05

**Anions by 300.0/9056A - Quality Control****Envirotech Analytical Laboratory**

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

**Batch 2011020 - Anion Extraction EPA 300.0/9056A****Blank (2011020-BLK1)**

Prepared: 03/11/20 0 Analyzed: 03/11/20 1

Chloride	ND	20.0	mg/kg							
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**LCS (2011020-BS1)**

Prepared: 03/11/20 0 Analyzed: 03/11/20 1

Chloride	251	20.0	mg/kg	250		100	90-110			
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**Matrix Spike (2011020-MS1)****Source: P003053-01**

Prepared: 03/11/20 0 Analyzed: 03/11/20 1

Chloride	446	20.0	mg/kg	250	171	110	80-120			
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**Matrix Spike Dup (2011020-MSD1)****Source: P003053-01**

Prepared: 03/11/20 0 Analyzed: 03/11/20 1

Chloride	445	20.0	mg/kg	250	171	110	80-120	0.153	20	
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**QC Summary Report****Comment:**

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.



Spur	Project Name:	Ross Ranch Battery	<b>Reported:</b> 03/13/20 15:05
PO Box 1058	Project Number:	19054-0003	
Hobbs NM, 88240	Project Manager:	Lindsey Salgado	

### Notes and Definitions

S6 Surrogate was diluted out due to high concentrations of target and/or non-target analytes and does not provide useful information. The associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

\*\* Methods marked with \*\* are non-accredited methods.

Soil data is reported on an "as received" weight basis, unless reported otherwise.

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## Project Information

## Chain of Custody

Page 1 of 1

Client: <u>SPUR</u> Project: <u>Ross Ranch Battery</u> Project Manager: <u>Lindsay Salgado</u> Address: _____ City, State, Zip: _____ Phone: _____ Email: <u>lsalgado@hung-horse.com</u> Report due by: _____				Bill To Attention: <u>Natane Gladden</u> Address: _____ City, State, Zip: _____ Phone: _____ Email: <u>NataneGladden@hung-horse.com</u>				Lab Use Only Lab WO# <u>P003056</u> Job Number <u>19054-0003</u> Analysis and Method DRO/ORO by 8015 _____ GRO/DRO by 8015 _____ BTEX by 8021 _____ VOC by 8260 _____ Metals 6010 _____ Chloride 300.0 _____ BGDOC - NM _____ BGDOC - TX _____						TAT 1D _____ 3D <u>X</u>		EPA Program RCRA _____ CWA _____ SDWA _____ State NM _____ CO _____ UT _____ AZ _____ TX _____ OK _____ Remarks			
Time Sampled	Date Sampled	Matrix	No Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC - NM	BGDOC - TX	Remarks					
11:27	3/6/20	S	1	Sp11-12'	1							X							
4:00	3/6/20	S	1	Sp12-12'	2							X							
2:13	3/6/20			SW1-2	3								X						
2:31	3/6/20			SW2-2'	4								X						
2:53	3/6/20			SW3-2	5								X						
1:54	3/6/20			SW4-2	6								X						
3:13	3/6/20			SW5-2	7								X						
3:36	3/6/20			SW6-2	8							X							
Additional Instructions:																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: _____ Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.																			
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only Received on ice: <u>Y</u> / N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time												
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			

Additional Instructions:						
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: _____						Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.
Relinquished by: (Signature) <i>[Signature]</i>	Date 3-9-20	Time 0630	Received by: (Signature) <i>[Signature]</i>	Date 3/9/20	Time 0630	Lab Use Only Received on ice: <input checked="" type="radio"/> Y / N
Relinquished by: (Signature) <i>[Signature]</i>	Date 3/10/20	Time 1100	Received by: (Signature) <i>[Signature]</i>	Date 3-10-2020	Time 1100	T1 _____ T2 _____ T3 _____
Relinquished by: (Signature) <i>[Signature]</i>	Date 3-10-2020	Time 1515	Received by: (Signature) <i>[Signature]</i>	Date 3/10/20	Time 9.40	AVG Temp °C <u>4</u>
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____						Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.						



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

July 01, 2021

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

RE: Ross Ranch 22 Battery

OrderNo.: 2106B90

Dear Chris Jones:

Hall Environmental Analysis Laboratory received 18 sample(s) on 6/23/2021 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](http://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 2106B90

Date Reported: 7/1/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S-1 Bottom

Project: Ross Ranch 22 Battery

Collection Date: 6/21/2021 2:30:00 PM

Lab ID: 2106B90-001

Matrix: SOIL

Received Date: 6/23/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>						Analyst: <b>SB</b>
Diesel Range Organics (DRO)	75	9.1		mg/Kg	1	6/26/2021 6:55:01 PM
Motor Oil Range Organics (MRO)	92	45		mg/Kg	1	6/26/2021 6:55:01 PM
Surr: DNOP	104	70-130		%Rec	1	6/26/2021 6:55:01 PM
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						Analyst: <b>mb</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/30/2021 5:51:00 AM
Surr: BFB	102	70-130		%Rec	1	6/30/2021 5:51:00 AM
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: <b>mb</b>
Benzene	ND	0.024		mg/Kg	1	6/30/2021 5:51:00 AM
Toluene	ND	0.048		mg/Kg	1	6/30/2021 5:51:00 AM
Ethylbenzene	ND	0.048		mg/Kg	1	6/30/2021 5:51:00 AM
Xylenes, Total	ND	0.097		mg/Kg	1	6/30/2021 5:51:00 AM
Surr: 4-Bromofluorobenzene	93.6	70-130		%Rec	1	6/30/2021 5:51:00 AM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>JMT</b>
Chloride	96	60		mg/Kg	20	6/28/2021 4:33:46 PM

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

<b>Qualifiers:</b>	*	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 2106B90

Date Reported: 7/1/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S-2 Bottom

Project: Ross Ranch 22 Battery

Collection Date: 6/21/2021 2:30:00 PM

Lab ID: 2106B90-002

Matrix: SOIL

Received Date: 6/23/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>						Analyst: <b>SB</b>
Diesel Range Organics (DRO)	60	9.7		mg/Kg	1	6/26/2021 7:19:52 PM
Motor Oil Range Organics (MRO)	72	49		mg/Kg	1	6/26/2021 7:19:52 PM
Surr: DNOP	84.6	70-130		%Rec	1	6/26/2021 7:19:52 PM
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						Analyst: <b>mb</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/30/2021 6:11:00 AM
Surr: BFB	100	70-130		%Rec	1	6/30/2021 6:11:00 AM
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: <b>mb</b>
Benzene	ND	0.025		mg/Kg	1	6/30/2021 6:11:00 AM
Toluene	ND	0.049		mg/Kg	1	6/30/2021 6:11:00 AM
Ethylbenzene	ND	0.049		mg/Kg	1	6/30/2021 6:11:00 AM
Xylenes, Total	ND	0.098		mg/Kg	1	6/30/2021 6:11:00 AM
Surr: 4-Bromofluorobenzene	92.4	70-130		%Rec	1	6/30/2021 6:11:00 AM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>JMT</b>
Chloride	110	60		mg/Kg	20	6/28/2021 4:46:09 PM

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

<b>Qualifiers:</b>	*	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 2106B90

Date Reported: 7/1/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S-3 Bottom

Project: Ross Ranch 22 Battery

Collection Date: 6/21/2021 2:30:00 PM

Lab ID: 2106B90-003

Matrix: SOIL

Received Date: 6/23/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>						Analyst: <b>SB</b>
Diesel Range Organics (DRO)	61	9.6		mg/Kg	1	6/26/2021 7:44:44 PM
Motor Oil Range Organics (MRO)	69	48		mg/Kg	1	6/26/2021 7:44:44 PM
Surr: DNOP	87.4	70-130		%Rec	1	6/26/2021 7:44:44 PM
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						Analyst: <b>mb</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/30/2021 6:31:00 AM
Surr: BFB	103	70-130		%Rec	1	6/30/2021 6:31:00 AM
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: <b>mb</b>
Benzene	ND	0.023		mg/Kg	1	6/30/2021 6:31:00 AM
Toluene	ND	0.047		mg/Kg	1	6/30/2021 6:31:00 AM
Ethylbenzene	ND	0.047		mg/Kg	1	6/30/2021 6:31:00 AM
Xylenes, Total	ND	0.094		mg/Kg	1	6/30/2021 6:31:00 AM
Surr: 4-Bromofluorobenzene	94.2	70-130		%Rec	1	6/30/2021 6:31:00 AM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>JMT</b>
Chloride	100	60		mg/Kg	20	6/28/2021 4:58:30 PM

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

<b>Qualifiers:</b>	*	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 2106B90

Date Reported: 7/1/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S-4 Bottom

Project: Ross Ranch 22 Battery

Collection Date: 6/21/2021 2:35:00 PM

Lab ID: 2106B90-004

Matrix: SOIL

Received Date: 6/23/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>						Analyst: <b>SB</b>
Diesel Range Organics (DRO)	120	9.9		mg/Kg	1	6/26/2021 8:09:37 PM
Motor Oil Range Organics (MRO)	160	49		mg/Kg	1	6/26/2021 8:09:37 PM
Surr: DNOP	72.1	70-130		%Rec	1	6/26/2021 8:09:37 PM
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						Analyst: <b>mb</b>
Gasoline Range Organics (GRO)	11	5.0		mg/Kg	1	6/30/2021 6:51:00 AM
Surr: BFB	99.1	70-130		%Rec	1	6/30/2021 6:51:00 AM
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: <b>mb</b>
Benzene	ND	0.025		mg/Kg	1	6/30/2021 6:51:00 AM
Toluene	ND	0.050		mg/Kg	1	6/30/2021 6:51:00 AM
Ethylbenzene	ND	0.050		mg/Kg	1	6/30/2021 6:51:00 AM
Xylenes, Total	ND	0.10		mg/Kg	1	6/30/2021 6:51:00 AM
Surr: 4-Bromofluorobenzene	94.9	70-130		%Rec	1	6/30/2021 6:51:00 AM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>JMT</b>
Chloride	100	59		mg/Kg	20	6/28/2021 5:10:51 PM

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

<b>Qualifiers:</b>	*	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 2106B90

Date Reported: 7/1/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S-5 Bottom

Project: Ross Ranch 22 Battery

Collection Date: 6/21/2021 2:35:00 PM

Lab ID: 2106B90-005

Matrix: SOIL

Received Date: 6/23/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>						Analyst: <b>SB</b>
Diesel Range Organics (DRO)	13	9.6		mg/Kg	1	6/26/2021 8:34:34 PM
Motor Oil Range Organics (MRO)	48	48		mg/Kg	1	6/26/2021 8:34:34 PM
Surr: DNOP	80.7	70-130		%Rec	1	6/26/2021 8:34:34 PM
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						Analyst: <b>mb</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/30/2021 7:11:00 AM
Surr: BFB	94.1	70-130		%Rec	1	6/30/2021 7:11:00 AM
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: <b>mb</b>
Benzene	ND	0.025		mg/Kg	1	6/30/2021 7:11:00 AM
Toluene	ND	0.050		mg/Kg	1	6/30/2021 7:11:00 AM
Ethylbenzene	ND	0.050		mg/Kg	1	6/30/2021 7:11:00 AM
Xylenes, Total	ND	0.099		mg/Kg	1	6/30/2021 7:11:00 AM
Surr: 4-Bromofluorobenzene	88.6	70-130		%Rec	1	6/30/2021 7:11:00 AM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>JMT</b>
Chloride	ND	60		mg/Kg	20	6/28/2021 5:23:13 PM

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

<b>Qualifiers:</b>	*	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 2106B90

Date Reported: 7/1/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S-6 Bottom

Project: Ross Ranch 22 Battery

Collection Date: 6/21/2021 2:35:00 PM

Lab ID: 2106B90-006

Matrix: SOIL

Received Date: 6/23/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>						Analyst: <b>BRM</b>
Diesel Range Organics (DRO)	48	9.3		mg/Kg	1	6/27/2021 3:50:08 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	6/27/2021 3:50:08 PM
Surr: DNOP	76.7	70-130		%Rec	1	6/27/2021 3:50:08 PM
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/30/2021 12:11:03 AM
Surr: BFB	105	70-130		%Rec	1	6/30/2021 12:11:03 AM
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: <b>NSB</b>
Benzene	ND	0.025		mg/Kg	1	6/30/2021 12:11:03 AM
Toluene	ND	0.049		mg/Kg	1	6/30/2021 12:11:03 AM
Ethylbenzene	ND	0.049		mg/Kg	1	6/30/2021 12:11:03 AM
Xylenes, Total	ND	0.099		mg/Kg	1	6/30/2021 12:11:03 AM
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	6/30/2021 12:11:03 AM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>JMT</b>
Chloride	97	60		mg/Kg	20	6/28/2021 6:00:17 PM

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

<b>Qualifiers:</b>	*	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 2106B90

Date Reported: 7/1/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S-7 Bottom

Project: Ross Ranch 22 Battery

Collection Date: 6/21/2021 2:40:00 PM

Lab ID: 2106B90-007

Matrix: SOIL

Received Date: 6/23/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>						Analyst: <b>BRM</b>
Diesel Range Organics (DRO)	58	9.6		mg/Kg	1	6/27/2021 5:03:00 PM
Motor Oil Range Organics (MRO)	51	48		mg/Kg	1	6/27/2021 5:03:00 PM
Surr: DNOP	70.2	70-130		%Rec	1	6/27/2021 5:03:00 PM
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/30/2021 1:21:32 AM
Surr: BFB	104	70-130		%Rec	1	6/30/2021 1:21:32 AM
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: <b>NSB</b>
Benzene	ND	0.025		mg/Kg	1	6/30/2021 1:21:32 AM
Toluene	ND	0.049		mg/Kg	1	6/30/2021 1:21:32 AM
Ethylbenzene	ND	0.049		mg/Kg	1	6/30/2021 1:21:32 AM
Xylenes, Total	ND	0.099		mg/Kg	1	6/30/2021 1:21:32 AM
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	1	6/30/2021 1:21:32 AM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>JMT</b>
Chloride	120	60		mg/Kg	20	6/28/2021 6:12:38 PM

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

<b>Qualifiers:</b>	*	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 2106B90

Date Reported: 7/1/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S-8 Bottom

Project: Ross Ranch 22 Battery

Collection Date: 6/21/2021 2:40:00 PM

Lab ID: 2106B90-008

Matrix: SOIL

Received Date: 6/23/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>						Analyst: <b>BRM</b>
Diesel Range Organics (DRO)	48	9.8		mg/Kg	1	6/27/2021 5:27:24 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/27/2021 5:27:24 PM
Surr: DNOP	60.8	70-130	S	%Rec	1	6/27/2021 5:27:24 PM
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/30/2021 4:06:28 AM
Surr: BFB	103	70-130		%Rec	1	6/30/2021 4:06:28 AM
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: <b>NSB</b>
Benzene	ND	0.024		mg/Kg	1	6/30/2021 4:06:28 AM
Toluene	ND	0.049		mg/Kg	1	6/30/2021 4:06:28 AM
Ethylbenzene	ND	0.049		mg/Kg	1	6/30/2021 4:06:28 AM
Xylenes, Total	ND	0.098		mg/Kg	1	6/30/2021 4:06:28 AM
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	6/30/2021 4:06:28 AM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>JMT</b>
Chloride	160	60		mg/Kg	20	6/28/2021 6:24:59 PM

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

<b>Qualifiers:</b>	*	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 2106B90

Date Reported: 7/1/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S-9 Bottom

Project: Ross Ranch 22 Battery

Collection Date: 6/21/2021 2:40:00 PM

Lab ID: 2106B90-009

Matrix: SOIL

Received Date: 6/23/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>						Analyst: <b>BRM</b>
Diesel Range Organics (DRO)	9.1	8.8		mg/Kg	1	6/27/2021 5:51:38 PM
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	6/27/2021 5:51:38 PM
Surr: DNOP	64.6	70-130	S	%Rec	1	6/27/2021 5:51:38 PM
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/30/2021 4:30:04 AM
Surr: BFB	98.5	70-130		%Rec	1	6/30/2021 4:30:04 AM
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: <b>NSB</b>
Benzene	ND	0.025		mg/Kg	1	6/30/2021 4:30:04 AM
Toluene	ND	0.049		mg/Kg	1	6/30/2021 4:30:04 AM
Ethylbenzene	ND	0.049		mg/Kg	1	6/30/2021 4:30:04 AM
Xylenes, Total	ND	0.098		mg/Kg	1	6/30/2021 4:30:04 AM
Surr: 4-Bromofluorobenzene	99.7	70-130		%Rec	1	6/30/2021 4:30:04 AM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>JMT</b>
Chloride	ND	61		mg/Kg	20	6/28/2021 6:37:20 PM

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

<b>Qualifiers:</b>	*	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 2106B90

Date Reported: 7/1/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S-10 Bottom

Project: Ross Ranch 22 Battery

Collection Date: 6/21/2021 2:45:00 PM

Lab ID: 2106B90-010

Matrix: SOIL

Received Date: 6/23/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>						Analyst: <b>BRM</b>
Diesel Range Organics (DRO)	14	9.6		mg/Kg	1	6/27/2021 6:16:03 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/27/2021 6:16:03 PM
Surr: DNOP	71.8	70-130		%Rec	1	6/27/2021 6:16:03 PM
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	6/30/2021 4:53:39 AM
Surr: BFB	99.1	70-130		%Rec	1	6/30/2021 4:53:39 AM
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: <b>NSB</b>
Benzene	ND	0.023		mg/Kg	1	6/30/2021 4:53:39 AM
Toluene	ND	0.047		mg/Kg	1	6/30/2021 4:53:39 AM
Ethylbenzene	ND	0.047		mg/Kg	1	6/30/2021 4:53:39 AM
Xylenes, Total	ND	0.093		mg/Kg	1	6/30/2021 4:53:39 AM
Surr: 4-Bromofluorobenzene	99.2	70-130		%Rec	1	6/30/2021 4:53:39 AM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>JMT</b>
Chloride	ND	60		mg/Kg	20	6/28/2021 6:49:42 PM

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

<b>Qualifiers:</b>	*	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 2106B90

Date Reported: 7/1/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S-11 Bottom

Project: Ross Ranch 22 Battery

Collection Date: 6/21/2021 2:45:00 PM

Lab ID: 2106B90-011

Matrix: SOIL

Received Date: 6/23/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>						Analyst: <b>BRM</b>
Diesel Range Organics (DRO)	13	9.5		mg/Kg	1	6/27/2021 6:40:22 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/27/2021 6:40:22 PM
Surr: DNOP	54.4	70-130	S	%Rec	1	6/27/2021 6:40:22 PM
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/30/2021 10:13:28 AM
Surr: BFB	102	70-130		%Rec	1	6/30/2021 10:13:28 AM
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: <b>NSB</b>
Benzene	ND	0.024		mg/Kg	1	6/30/2021 10:13:28 AM
Toluene	ND	0.049		mg/Kg	1	6/30/2021 10:13:28 AM
Ethylbenzene	ND	0.049		mg/Kg	1	6/30/2021 10:13:28 AM
Xylenes, Total	ND	0.098		mg/Kg	1	6/30/2021 10:13:28 AM
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	6/30/2021 10:13:28 AM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>JMT</b>
Chloride	ND	60		mg/Kg	20	6/28/2021 7:02:03 PM

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

<b>Qualifiers:</b>	*	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 2106B90

Date Reported: 7/1/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S-12 Bottom

Project: Ross Ranch 22 Battery

Collection Date: 6/21/2021 2:45:00 PM

Lab ID: 2106B90-012

Matrix: SOIL

Received Date: 6/23/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>						Analyst: <b>BRM</b>
Diesel Range Organics (DRO)	ND	8.9		mg/Kg	1	6/27/2021 7:04:48 PM
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	6/27/2021 7:04:48 PM
Surr: DNOP	49.5	70-130	S	%Rec	1	6/27/2021 7:04:48 PM
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	6/30/2021 10:37:05 AM
Surr: BFB	102	70-130		%Rec	1	6/30/2021 10:37:05 AM
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: <b>NSB</b>
Benzene	ND	0.023		mg/Kg	1	6/30/2021 10:37:05 AM
Toluene	ND	0.046		mg/Kg	1	6/30/2021 10:37:05 AM
Ethylbenzene	ND	0.046		mg/Kg	1	6/30/2021 10:37:05 AM
Xylenes, Total	ND	0.093		mg/Kg	1	6/30/2021 10:37:05 AM
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	1	6/30/2021 10:37:05 AM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>VP</b>
Chloride	ND	60		mg/Kg	20	6/29/2021 8:20:05 AM

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

<b>Qualifiers:</b>	*	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 2106B90

Date Reported: 7/1/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: SW-1 North

Project: Ross Ranch 22 Battery

Collection Date: 6/21/2021 2:50:00 PM

Lab ID: 2106B90-013

Matrix: SOIL

Received Date: 6/23/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>						Analyst: <b>BRM</b>
Diesel Range Organics (DRO)	40	9.2		mg/Kg	1	6/27/2021 7:28:58 PM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	6/27/2021 7:28:58 PM
Surr: DNOP	70.6	70-130		%Rec	1	6/27/2021 7:28:58 PM
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/30/2021 11:00:44 AM
Surr: BFB	114	70-130		%Rec	1	6/30/2021 11:00:44 AM
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: <b>NSB</b>
Benzene	ND	0.024		mg/Kg	1	6/30/2021 11:00:44 AM
Toluene	ND	0.048		mg/Kg	1	6/30/2021 11:00:44 AM
Ethylbenzene	ND	0.048		mg/Kg	1	6/30/2021 11:00:44 AM
Xylenes, Total	ND	0.096		mg/Kg	1	6/30/2021 11:00:44 AM
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	6/30/2021 11:00:44 AM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>VP</b>
Chloride	81	60		mg/Kg	20	6/29/2021 8:32:30 AM

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

<b>Qualifiers:</b>	*	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 2106B90

Date Reported: 7/1/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: SW-2 West

Project: Ross Ranch 22 Battery

Collection Date: 6/21/2021 2:50:00 PM

Lab ID: 2106B90-014

Matrix: SOIL

Received Date: 6/23/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>						Analyst: <b>BRM</b>
Diesel Range Organics (DRO)	11	9.1		mg/Kg	1	6/27/2021 7:53:24 PM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	6/27/2021 7:53:24 PM
Surr: DNOP	70.0	70-130	S	%Rec	1	6/27/2021 7:53:24 PM
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/30/2021 11:24:19 AM
Surr: BFB	107	70-130		%Rec	1	6/30/2021 11:24:19 AM
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: <b>NSB</b>
Benzene	ND	0.024		mg/Kg	1	6/30/2021 11:24:19 AM
Toluene	ND	0.048		mg/Kg	1	6/30/2021 11:24:19 AM
Ethylbenzene	ND	0.048		mg/Kg	1	6/30/2021 11:24:19 AM
Xylenes, Total	ND	0.096		mg/Kg	1	6/30/2021 11:24:19 AM
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	1	6/30/2021 11:24:19 AM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>VP</b>
Chloride	ND	61		mg/Kg	20	6/29/2021 8:44:55 AM

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

<b>Qualifiers:</b>	*	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 2106B90

Date Reported: 7/1/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: SW-3 West

Project: Ross Ranch 22 Battery

Collection Date: 6/21/2021 2:50:00 PM

Lab ID: 2106B90-015

Matrix: SOIL

Received Date: 6/23/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>						Analyst: <b>BRM</b>
Diesel Range Organics (DRO)	13	9.6		mg/Kg	1	6/27/2021 8:17:41 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	6/27/2021 8:17:41 PM
Surr: DNOP	71.0	70-130		%Rec	1	6/27/2021 8:17:41 PM
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	6/30/2021 11:47:54 AM
Surr: BFB	104	70-130		%Rec	1	6/30/2021 11:47:54 AM
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: <b>NSB</b>
Benzene	ND	0.023		mg/Kg	1	6/30/2021 11:47:54 AM
Toluene	ND	0.046		mg/Kg	1	6/30/2021 11:47:54 AM
Ethylbenzene	ND	0.046		mg/Kg	1	6/30/2021 11:47:54 AM
Xylenes, Total	ND	0.093		mg/Kg	1	6/30/2021 11:47:54 AM
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	6/30/2021 11:47:54 AM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>VP</b>
Chloride	ND	60		mg/Kg	20	6/29/2021 8:57:20 AM

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

<b>Qualifiers:</b>	*	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 2106B90

Date Reported: 7/1/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: SW-4 South

Project: Ross Ranch 22 Battery

Collection Date: 6/21/2021 2:55:00 PM

Lab ID: 2106B90-016

Matrix: SOIL

Received Date: 6/23/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>						Analyst: <b>BRM</b>
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	6/27/2021 8:42:04 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/27/2021 8:42:04 PM
Surr: DNOP	62.2	70-130	S	%Rec	1	6/27/2021 8:42:04 PM
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/30/2021 12:11:28 PM
Surr: BFB	106	70-130		%Rec	1	6/30/2021 12:11:28 PM
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: <b>NSB</b>
Benzene	ND	0.024		mg/Kg	1	6/30/2021 12:11:28 PM
Toluene	ND	0.048		mg/Kg	1	6/30/2021 12:11:28 PM
Ethylbenzene	ND	0.048		mg/Kg	1	6/30/2021 12:11:28 PM
Xylenes, Total	ND	0.096		mg/Kg	1	6/30/2021 12:11:28 PM
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	6/30/2021 12:11:28 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>VP</b>
Chloride	ND	60		mg/Kg	20	6/29/2021 9:09:45 AM

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

<b>Qualifiers:</b>	*	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 2106B90

Date Reported: 7/1/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: SW-5 East

Project: Ross Ranch 22 Battery

Collection Date: 6/21/2021 2:55:00 PM

Lab ID: 2106B90-017

Matrix: SOIL

Received Date: 6/23/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>						Analyst: <b>BRM</b>
Diesel Range Organics (DRO)	57	9.4		mg/Kg	1	6/27/2021 9:06:14 PM
Motor Oil Range Organics (MRO)	60	47		mg/Kg	1	6/27/2021 9:06:14 PM
Surr: DNOP	60.6	70-130	S	%Rec	1	6/27/2021 9:06:14 PM
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/30/2021 12:34:59 PM
Surr: BFB	104	70-130		%Rec	1	6/30/2021 12:34:59 PM
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: <b>NSB</b>
Benzene	ND	0.024		mg/Kg	1	6/30/2021 12:34:59 PM
Toluene	ND	0.048		mg/Kg	1	6/30/2021 12:34:59 PM
Ethylbenzene	ND	0.048		mg/Kg	1	6/30/2021 12:34:59 PM
Xylenes, Total	ND	0.097		mg/Kg	1	6/30/2021 12:34:59 PM
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	1	6/30/2021 12:34:59 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>VP</b>
Chloride	98	60		mg/Kg	20	6/29/2021 9:22:09 AM

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

<b>Qualifiers:</b>	*	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 2106B90

Date Reported: 7/1/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: SW-6 East

Project: Ross Ranch 22 Battery

Collection Date: 6/21/2021 2:55:00 PM

Lab ID: 2106B90-018

Matrix: SOIL

Received Date: 6/23/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>						Analyst: <b>BRM</b>
Diesel Range Organics (DRO)	90	9.3		mg/Kg	1	6/27/2021 9:30:36 PM
Motor Oil Range Organics (MRO)	81	46		mg/Kg	1	6/27/2021 9:30:36 PM
Surr: DNOP	62.1	70-130	S	%Rec	1	6/27/2021 9:30:36 PM
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	6/30/2021 12:58:39 PM
Surr: BFB	102	70-130		%Rec	1	6/30/2021 12:58:39 PM
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: <b>NSB</b>
Benzene	ND	0.024		mg/Kg	1	6/30/2021 12:58:39 PM
Toluene	ND	0.048		mg/Kg	1	6/30/2021 12:58:39 PM
Ethylbenzene	ND	0.048		mg/Kg	1	6/30/2021 12:58:39 PM
Xylenes, Total	ND	0.096		mg/Kg	1	6/30/2021 12:58:39 PM
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	1	6/30/2021 12:58:39 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>VP</b>
Chloride	110	60		mg/Kg	20	6/29/2021 4:01:42 PM

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

<b>Qualifiers:</b>	*	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#: 2106B90

01-Jul-21

**Client:** Pima Environmental Services LLC**Project:** Ross Ranch 22 Battery

Sample ID: <b>MB-60963</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>60963</b>	RunNo: <b>79430</b>								
Prep Date: <b>6/28/2021</b>	Analysis Date: <b>6/28/2021</b>	SeqNo: <b>2792218</b> Units: <b>mg/Kg</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-60963</b>	SampType: <b>lcs</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>60963</b>	RunNo: <b>79430</b>								
Prep Date: <b>6/28/2021</b>	Analysis Date: <b>6/28/2021</b>	SeqNo: <b>2792219</b> Units: <b>mg/Kg</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.0	90	110			

Sample ID: <b>MB-60967</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>60967</b>	RunNo: <b>79428</b>								
Prep Date: <b>6/28/2021</b>	Analysis Date: <b>6/29/2021</b>	SeqNo: <b>2792923</b> Units: <b>mg/Kg</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-60967</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>60967</b>	RunNo: <b>79428</b>								
Prep Date: <b>6/28/2021</b>	Analysis Date: <b>6/29/2021</b>	SeqNo: <b>2792924</b> Units: <b>mg/Kg</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.3	90	110			

**Qualifiers:**

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

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

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

WO#: 2106B90

01-Jul-21

**Client:** Pima Environmental Services LLC**Project:** Ross Ranch 22 Battery

Sample ID: <b>MB-60915</b>	SampType: <b>MBLK</b>			TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>						
Client ID: <b>PBS</b>	Batch ID: <b>60915</b>			RunNo: <b>79325</b>						
Prep Date: <b>6/24/2021</b>	Analysis Date: <b>6/26/2021</b>			SeqNo: <b>2789501</b>		Units: <b>%Rec</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	9.8		10.00		98.4	70	130			

Sample ID: <b>LCS-60915</b>	SampType: <b>LCS</b>			TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>						
Client ID: <b>LCSS</b>	Batch ID: <b>60915</b>			RunNo: <b>79325</b>						
Prep Date: <b>6/24/2021</b>	Analysis Date: <b>6/26/2021</b>			SeqNo: <b>2789503</b>		Units: <b>%Rec</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.7		5.000		93.7	70	130			

Sample ID: <b>MB-60925</b>	SampType: <b>MBLK</b>			TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>						
Client ID: <b>PBS</b>	Batch ID: <b>60925</b>			RunNo: <b>79364</b>						
Prep Date: <b>6/25/2021</b>	Analysis Date: <b>6/26/2021</b>			SeqNo: <b>2789749</b>		Units: <b>mg/Kg</b>				
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	11		10.00		109	70	130			

Sample ID: <b>LCS-60925</b>	SampType: <b>LCS</b>			TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>						
Client ID: <b>LCSS</b>	Batch ID: <b>60925</b>			RunNo: <b>79364</b>						
Prep Date: <b>6/25/2021</b>	Analysis Date: <b>6/26/2021</b>			SeqNo: <b>2789750</b>		Units: <b>mg/Kg</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	49	10	50.00	0	98.0	68.9	141			
Surr: DNOP	5.6		5.000		112	70	130			

Sample ID: <b>LCS-60942</b>	SampType: <b>LCS</b>			TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>						
Client ID: <b>LCSS</b>	Batch ID: <b>60942</b>			RunNo: <b>79325</b>						
Prep Date: <b>6/26/2021</b>	Analysis Date: <b>6/27/2021</b>			SeqNo: <b>2789806</b>		Units: <b>mg/Kg</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	47	10	50.00	0	94.9	68.9	141			
Surr: DNOP	3.7		5.000		74.6	70	130			

Sample ID: <b>MB-60942</b>	SampType: <b>MBLK</b>			TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>						
Client ID: <b>PBS</b>	Batch ID: <b>60942</b>			RunNo: <b>79325</b>						
Prep Date: <b>6/26/2021</b>	Analysis Date: <b>6/27/2021</b>			SeqNo: <b>2789807</b>		Units: <b>mg/Kg</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								

**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#: 2106B90

01-Jul-21

**Client:** Pima Environmental Services LLC**Project:** Ross Ranch 22 Battery

Sample ID: <b>MB-60942</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>60942</b>	RunNo: <b>79325</b>								
Prep Date: <b>6/26/2021</b>	Analysis Date: <b>6/27/2021</b>	SeqNo: <b>2789807</b> Units: <b>mg/Kg</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	7.4		10.00		74.2	70	130			

Sample ID: <b>2106B90-006AMS</b>	SampType: <b>MS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>S-6 Bottom</b>	Batch ID: <b>60942</b>	RunNo: <b>79325</b>								
Prep Date: <b>6/26/2021</b>	Analysis Date: <b>6/27/2021</b>	SeqNo: <b>2790177</b> Units: <b>mg/Kg</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	82	9.2	45.96	47.72	74.3	15	184			
Surr: DNOP	1.9		4.596		41.0	70	130			S

Sample ID: <b>2106B90-006AMSD</b>	SampType: <b>MSD</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>S-6 Bottom</b>	Batch ID: <b>60942</b>	RunNo: <b>79325</b>								
Prep Date: <b>6/26/2021</b>	Analysis Date: <b>6/27/2021</b>	SeqNo: <b>2790178</b> Units: <b>mg/Kg</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	81	9.4	47.17	47.72	69.5	15	184	1.66	23.9	
Surr: DNOP	2.8		4.717		59.2	70	130	0	0	S

Sample ID: <b>MB-60944</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>60944</b>	RunNo: <b>79401</b>								
Prep Date: <b>6/26/2021</b>	Analysis Date: <b>6/28/2021</b>	SeqNo: <b>2790929</b> Units: <b>%Rec</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	8.2		10.00		82.1	70	130			

Sample ID: <b>LCS-60944</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>60944</b>	RunNo: <b>79401</b>								
Prep Date: <b>6/26/2021</b>	Analysis Date: <b>6/28/2021</b>	SeqNo: <b>2790930</b> Units: <b>%Rec</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.0		5.000		79.9	70	130			

Sample ID: <b>MB-60955</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>60955</b>	RunNo: <b>79401</b>								
Prep Date: <b>6/27/2021</b>	Analysis Date: <b>6/28/2021</b>	SeqNo: <b>2791434</b> Units: <b>%Rec</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	7.7		10.00		77.0	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#: 2106B9001-Jul-21

Client: Pima Environmental Services LLC

Project: Ross Ranch 22 Battery

Sample ID: <b>LCS-60955</b>		SampType: <b>LCS</b>			TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>						
Client ID: <b>LCSS</b>		Batch ID: <b>60955</b>			RunNo: <b>79401</b>						
Prep Date: <b>6/27/2021</b>		Analysis Date: <b>6/28/2021</b>			SeqNo: <b>2791435</b>		Units: <b>%Rec</b>				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP		3.5		5.000		70.4	70	130			

Qualifiers:

- \* Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quantitative Limit

S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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

WO#: 2106B90

01-Jul-21

**Client:** Pima Environmental Services LLC**Project:** Ross Ranch 22 Battery

Sample ID: <b>mb-60893</b>	SampType: <b>MBLK</b>				TestCode: <b>EPA Method 8015D: Gasoline Range</b>					
Client ID: <b>PBS</b>	Batch ID: <b>60893</b>				RunNo: <b>79456</b>					
Prep Date: <b>6/24/2021</b>	Analysis Date: <b>6/29/2021</b>				SeqNo: <b>2792789</b>	Units: <b>%Rec</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	990		1000		99.0	70	130			

Sample ID: <b>lcs-60893</b>	SampType: <b>LCS</b>				TestCode: <b>EPA Method 8015D: Gasoline Range</b>					
Client ID: <b>LCSS</b>	Batch ID: <b>60893</b>				RunNo: <b>79456</b>					
Prep Date: <b>6/24/2021</b>	Analysis Date: <b>6/29/2021</b>				SeqNo: <b>2792790</b>	Units: <b>%Rec</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1100		1000		112	70	130			

Sample ID: <b>mb-60933</b>	SampType: <b>MBLK</b>				TestCode: <b>EPA Method 8015D: Gasoline Range</b>					
Client ID: <b>PBS</b>	Batch ID: <b>60933</b>				RunNo: <b>79456</b>					
Prep Date: <b>6/25/2021</b>	Analysis Date: <b>6/30/2021</b>				SeqNo: <b>2792813</b>	Units: <b>mg/Kg</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	990		1000		99.1	70	130			

Sample ID: <b>lcs-60933</b>	SampType: <b>LCS</b>				TestCode: <b>EPA Method 8015D: Gasoline Range</b>					
Client ID: <b>LCSS</b>	Batch ID: <b>60933</b>				RunNo: <b>79456</b>					
Prep Date: <b>6/25/2021</b>	Analysis Date: <b>6/30/2021</b>				SeqNo: <b>2792814</b>	Units: <b>mg/Kg</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	23	5.0	25.00	0	91.6	78.6	131			
Surr: BFB	1100		1000		110	70	130			

Sample ID: <b>2106b90-006ams</b>	SampType: <b>MS</b>				TestCode: <b>EPA Method 8015D: Gasoline Range</b>					
Client ID: <b>S-6 Bottom</b>	Batch ID: <b>60933</b>				RunNo: <b>79456</b>					
Prep Date: <b>6/25/2021</b>	Analysis Date: <b>6/30/2021</b>				SeqNo: <b>2792816</b>	Units: <b>mg/Kg</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	4.8	24.13	0	108	61.3	114			
Surr: BFB	1200		965.3		119	70	130			

Sample ID: <b>2106b90-006amsd</b>	SampType: <b>MSD</b>				TestCode: <b>EPA Method 8015D: Gasoline Range</b>					
Client ID: <b>S-6 Bottom</b>	Batch ID: <b>60933</b>				RunNo: <b>79456</b>					
Prep Date: <b>6/25/2021</b>	Analysis Date: <b>6/30/2021</b>				SeqNo: <b>2792817</b>	Units: <b>mg/Kg</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	43	5.0	24.78	0	174	61.3	114	49.5	20	RS
Surr: BFB	1400		991.1		137	70	130	0	0	S

**Qualifiers:**

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

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

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

WO#: 2106B90

01-Jul-21

**Client:** Pima Environmental Services LLC**Project:** Ross Ranch 22 Battery

Sample ID: <b>mb-60919</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>PBS</b>	Batch ID: <b>60919</b>	RunNo: <b>79458</b>								
Prep Date: <b>6/24/2021</b>	Analysis Date: <b>6/29/2021</b>	SeqNo: <b>2793254</b> Units: <b>mg/Kg</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	900		1000		90.1	70	130			

Sample ID: <b>lcs-60919</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>60919</b>	RunNo: <b>79458</b>								
Prep Date: <b>6/24/2021</b>	Analysis Date: <b>6/29/2021</b>	SeqNo: <b>2793256</b> Units: <b>mg/Kg</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	5.0	25.00	0	101	78.6	131			
Surr: BFB	1000		1000		104	70	130			

Sample ID: <b>mb-60946</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>PBS</b>	Batch ID: <b>60946</b>	RunNo: <b>79481</b>								
Prep Date: <b>6/26/2021</b>	Analysis Date: <b>6/30/2021</b>	SeqNo: <b>2794481</b> Units: <b>%Rec</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1000		1000		103	70	130			

Sample ID: <b>lcs-60946</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>60946</b>	RunNo: <b>79481</b>								
Prep Date: <b>6/26/2021</b>	Analysis Date: <b>6/30/2021</b>	SeqNo: <b>2794482</b> Units: <b>%Rec</b>								
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

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

WO#: 2106B90

01-Jul-21

**Client:** Pima Environmental Services LLC**Project:** Ross Ranch 22 Battery

Sample ID: <b>mb-60893</b>	SampType: <b>MBLK</b>			TestCode: <b>EPA Method 8021B: Volatiles</b>						
Client ID: <b>PBS</b>	Batch ID: <b>60893</b>			RunNo: <b>79456</b>						
Prep Date: <b>6/24/2021</b>	Analysis Date: <b>6/29/2021</b>			SeqNo: <b>2792832</b>			Units: <b>%Rec</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.0		1.000		101	70	130			

Sample ID: <b>LCS-60893</b>	SampType: <b>LCS</b>			TestCode: <b>EPA Method 8021B: Volatiles</b>						
Client ID: <b>LCSS</b>	Batch ID: <b>60893</b>			RunNo: <b>79456</b>						
Prep Date: <b>6/24/2021</b>	Analysis Date: <b>6/29/2021</b>			SeqNo: <b>2792833</b>			Units: <b>%Rec</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.0		1.000		102	70	130			

Sample ID: <b>mb-60933</b>	SampType: <b>MBLK</b>			TestCode: <b>EPA Method 8021B: Volatiles</b>						
Client ID: <b>PBS</b>	Batch ID: <b>60933</b>			RunNo: <b>79456</b>						
Prep Date: <b>6/25/2021</b>	Analysis Date: <b>6/30/2021</b>			SeqNo: <b>2792854</b>			Units: <b>mg/Kg</b>			
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: <b>LCS-60933</b>	SampType: <b>LCS</b>			TestCode: <b>EPA Method 8021B: Volatiles</b>						
Client ID: <b>LCSS</b>	Batch ID: <b>60933</b>			RunNo: <b>79456</b>						
Prep Date: <b>6/25/2021</b>	Analysis Date: <b>6/30/2021</b>			SeqNo: <b>2792856</b>			Units: <b>mg/Kg</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.89	0.025	1.000	0	89.3	80	120			
Toluene	0.92	0.050	1.000	0	91.7	80	120			
Ethylbenzene	0.92	0.050	1.000	0	92.2	80	120			
Xylenes, Total	2.8	0.10	3.000	0	92.1	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		102	70	130			

Sample ID: <b>2106b90-007ams</b>	SampType: <b>MS</b>			TestCode: <b>EPA Method 8021B: Volatiles</b>						
Client ID: <b>S-7 Bottom</b>	Batch ID: <b>60933</b>			RunNo: <b>79456</b>						
Prep Date: <b>6/25/2021</b>	Analysis Date: <b>6/30/2021</b>			SeqNo: <b>2792859</b>			Units: <b>mg/Kg</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.94	0.024	0.9690	0	96.9	80	120			
Toluene	0.97	0.048	0.9690	0	100	80	120			
Ethylbenzene	0.97	0.048	0.9690	0.01183	98.9	80	120			
Xylenes, Total	2.9	0.097	2.907	0	100	80	120			

**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 25 of 27

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

WO#: 2106B90

01-Jul-21

**Client:** Pima Environmental Services LLC**Project:** Ross Ranch 22 Battery

Sample ID: 2106b90-007ams	SampType: MS	TestCode: EPA Method 8021B: Volatiles								
Client ID: S-7 Bottom	Batch ID: 60933	RunNo: 79456								
Prep Date: 6/25/2021	Analysis Date: 6/30/2021	SeqNo: 2792859 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.0		0.9690		104	70	130			

Sample ID: 2106b90-007amsd	SampType: MSD	TestCode: EPA Method 8021B: Volatiles								
Client ID: S-7 Bottom	Batch ID: 60933	RunNo: 79456								
Prep Date: 6/25/2021	Analysis Date: 6/30/2021	SeqNo: 2792860 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.95	0.025	0.9891	0	96.0	80	120	1.11	20	
Toluene	0.98	0.049	0.9891	0	99.4	80	120	1.39	20	
Ethylbenzene	0.99	0.049	0.9891	0.01183	99.2	80	120	2.39	20	
Xylenes, Total	3.0	0.099	2.967	0	100	80	120	1.93	20	
Surr: 4-Bromofluorobenzene	1.0		0.9891		103	70	130	0	0	

Sample ID: mb-60919	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 60919	RunNo: 79458								
Prep Date: 6/24/2021	Analysis Date: 6/29/2021	SeqNo: 2793306 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		91.1	70	130			

Sample ID: lcs-60919	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 60919	RunNo: 79458								
Prep Date: 6/24/2021	Analysis Date: 6/29/2021	SeqNo: 2793308 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.025	1.000	0	102	80	120			
Toluene	1.0	0.050	1.000	0	103	80	120			
Ethylbenzene	1.0	0.050	1.000	0	105	80	120			
Xylenes, Total	3.2	0.10	3.000	0	105	80	120			
Surr: 4-Bromofluorobenzene	0.97		1.000		97.2	70	130			

Sample ID: mb-60946	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 60946	RunNo: 79481								
Prep Date: 6/26/2021	Analysis Date: 6/30/2021	SeqNo: 2794525 Units: %Rec								
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

Page 26 of 27

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2106B90

01-Jul-21

**Client:** Pima Environmental Services LLC**Project:** Ross Ranch 22 Battery

Sample ID: <b>mb-60946</b>	SampType: <b>MBLK</b>			TestCode: <b>EPA Method 8021B: Volatiles</b>						
Client ID: <b>PBS</b>	Batch ID: <b>60946</b>			RunNo: <b>79481</b>						
Prep Date: <b>6/26/2021</b>	Analysis Date: <b>6/30/2021</b>			SeqNo: <b>2794525</b>		Units: <b>%Rec</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.0		1.000		104	70	130			

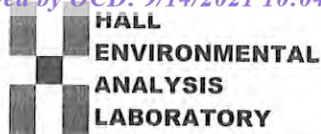
Sample ID: <b>LCS-60946</b>	SampType: <b>LCS</b>			TestCode: <b>EPA Method 8021B: Volatiles</b>						
Client ID: <b>LCSS</b>	Batch ID: <b>60946</b>			RunNo: <b>79481</b>						
Prep Date: <b>6/26/2021</b>	Analysis Date: <b>6/30/2021</b>			SeqNo: <b>2794526</b>		Units: <b>%Rec</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.0		1.000		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

Page 27 of 27



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: 2106B90

RcptNo: 1

Received By: Juan Rojas

6/23/2021 7:30:00 AM

Completed By: Desiree Dominguez

6/23/2021 8:33:34 AM

Reviewed By: IO

6/23/21

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  $6.0^{\circ}\text{C}$ ? 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: RLC

6/23/21

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	5.3	Good				

## Chain-of-Custody Record

Client: Pima Environmental

Mailing Address: 1601 N Turner, Ste 500  
Holbs, NM, 88240

Phone #: 580-748-1613

email or Fax#: tom@pimaoil.com

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

Accreditation: ☐ Az Compliance  
☐ NELAC ☐ Other \_\_\_\_\_

☐ EDD (Type) \_\_\_\_\_

Turn-Around Time: 4 Day

☒ Standard ☐ Rush

Project Name: Ross Ranch 22 Battery

Project #: 6-10

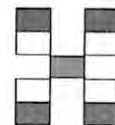
Project Manager: Chris Jones

Sampler: Gio Gomez

On Ice: ☒ Yes ☐ No

# of Coolers: 1

Cooler Temp (including CF): 5.4-0.1=5.3 (°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 <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub>	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	Chlorides
6/21/21	1430		S-1 Bottom	Glass	FCE	-001	X	X									X
			S-2 Bottom			-002											
			S-3 Bottom			-003											
	1435		S-4 Bottom			-004											
			S-5 Bottom			-005											
			S-6 Bottom			-006											
	1440		S-7 Bottom			-007											
			S-8 Bottom			-008											
			S-9 Bottom			-009											
	1445		S-10 Bottom			-010											
			S-11 Bottom			-011											
			S-12 Bottom			-012											

Date: 6/22/21 Time: \_\_\_\_\_ Relinquished by: Alumina Received by: Alumina Via: \_\_\_\_\_ Date: 6/22/21 Time: 9:30

Date: 6/23/21 Time: 1900 Relinquished by: Alumina Received by: Alumina Via: \_\_\_\_\_ Date: 6/23/21 Time: 7:30

Remarks:

Released to Imaging: 10/7/2021 1:16:11 PM

Turn-Around Time: 4 Day

☒ Standard ☐ Rush

Project Name: Ross Ranch 22 Battery  
Project #: 6-10

Project Manager:  
*Chris Jones*

☒ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC      ☐ Other☐ EDD (Type)

Sampler: Gile Gomez

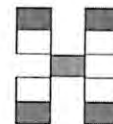
On Ice: ☒ Yes ☐ No

# of Coolers:

Cooler Temp (including CF):  $5.4 - 0.1 = 5.3$  ( $^{\circ}\text{C}$ )[illegible]

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
6/22/21			<i>[Signature]</i>		6/22/21	930
Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
6/23/21	1900	<i>[Signature]</i>	<i>[Signature]</i>	cashier	6/23/21	7:30

Remarks:	
----------	--



## HALL ENVIRONMENTAL ANALYSIS LABORATORY

[www.hallenvironmental.com](http://www.hallenvironmental.com)

4901 Hawkins NE - Albuquerque, NM 87109

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

### Analysis Request

[illegible]

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.



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

September 02, 2021

CHRIS JONES

PIMA ENVIROMENTAL

1601 N TURNER STE. 500

HOBBS, NM 88240

RE: ROSS RANCH 22 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 08/30/21 15:40.

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](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 08/30/2021  
Reported: 09/02/2021  
Project Name: ROSS RANCH 22 BATTERY  
Project Number: 6-10  
Project Location: SPUR - EDDY CO NM

Sampling Date: 08/30/2021  
Sampling Type: Soil  
Sampling Condition: \*\* (See Notes)  
Sample Received By: Tamara Oldaker

**Sample ID: S - 1 (H212346-01)**

BTEx 8021B		mg / kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2021	ND	1.92	95.9	2.00	2.70	
Toluene*	<0.050	0.050	08/31/2021	ND	1.91	95.6	2.00	4.84	
Ethylbenzene*	<0.050	0.050	08/31/2021	ND	1.87	93.3	2.00	2.07	
Total Xylenes*	<0.150	0.150	08/31/2021	ND	5.67	94.6	6.00	2.96	
Total BTEx	<0.300	0.300	08/31/2021	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/31/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/31/2021	ND	221	110	200	5.80	
DRO >C10-C28*	<10.0	10.0	08/31/2021	ND	220	110	200	4.65	
EXT DRO >C28-C36	<10.0	10.0	08/31/2021	ND					

Surrogate: 1-Chlorooctane 78.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 74.4 % 38.9-142

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 08/30/2021  
Reported: 09/02/2021  
Project Name: ROSS RANCH 22 BATTERY  
Project Number: 6-10  
Project Location: SPUR - EDDY CO NM

Sampling Date: 08/30/2021  
Sampling Type: Soil  
Sampling Condition: \*\* (See Notes)  
Sample Received By: Tamara Oldaker

**Sample ID: S - 2 (H212346-02)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/31/2021	ND	1.78	88.8	2.00	5.83		
Toluene*	<0.050	0.050	08/31/2021	ND	1.93	96.7	2.00	5.77		
Ethylbenzene*	<0.050	0.050	08/31/2021	ND	1.88	94.1	2.00	5.84		
Total Xylenes*	<0.150	0.150	08/31/2021	ND	5.68	94.6	6.00	5.36		
Total BTX	<0.300	0.300	08/31/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/31/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/31/2021	ND	221	110	200	5.80	
DRO >C10-C28*	<10.0	10.0	08/31/2021	ND	220	110	200	4.65	
EXT DRO >C28-C36	<10.0	10.0	08/31/2021	ND					

Surrogate: 1-Chlorooctane 83.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 80.0 % 38.9-142

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 08/30/2021  
Reported: 09/02/2021  
Project Name: ROSS RANCH 22 BATTERY  
Project Number: 6-10  
Project Location: SPUR - EDDY CO NM

Sampling Date: 08/30/2021  
Sampling Type: Soil  
Sampling Condition: \*\* (See Notes)  
Sample Received By: Tamara Oldaker

**Sample ID: S - 3 (H212346-03)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2021	ND	1.78	88.8	2.00	5.83	
Toluene*	<0.050	0.050	08/31/2021	ND	1.93	96.7	2.00	5.77	
Ethylbenzene*	<0.050	0.050	08/31/2021	ND	1.88	94.1	2.00	5.84	
Total Xylenes*	<0.150	0.150	08/31/2021	ND	5.68	94.6	6.00	5.36	
Total BTX	<0.300	0.300	08/31/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/31/2021	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/31/2021	ND	221	110	200	5.80	
DRO >C10-C28*	<10.0	10.0	08/31/2021	ND	220	110	200	4.65	
EXT DRO >C28-C36	<10.0	10.0	08/31/2021	ND					

Surrogate: 1-Chlorooctane 80.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 76.5 % 38.9-142

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 08/30/2021  
Reported: 09/02/2021  
Project Name: ROSS RANCH 22 BATTERY  
Project Number: 6-10  
Project Location: SPUR - EDDY CO NM

Sampling Date: 08/30/2021  
Sampling Type: Soil  
Sampling Condition: \*\* (See Notes)  
Sample Received By: Tamara Oldaker

**Sample ID: S - 4 (H212346-04)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/31/2021	ND	1.78	88.8	2.00	5.83		
Toluene*	<0.050	0.050	08/31/2021	ND	1.93	96.7	2.00	5.77		
Ethylbenzene*	<0.050	0.050	08/31/2021	ND	1.88	94.1	2.00	5.84		
Total Xylenes*	<0.150	0.150	08/31/2021	ND	5.68	94.6	6.00	5.36		
Total BTEx	<0.300	0.300	08/31/2021	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/31/2021	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/31/2021	ND	221	110	200	5.80	
DRO >C10-C28*	<10.0	10.0	08/31/2021	ND	220	110	200	4.65	
EXT DRO >C28-C36	<10.0	10.0	08/31/2021	ND					

Surrogate: 1-Chlorooctane 78.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 74.5 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 08/30/2021  
Reported: 09/02/2021  
Project Name: ROSS RANCH 22 BATTERY  
Project Number: 6-10  
Project Location: SPUR - EDDY CO NM

Sampling Date: 08/30/2021  
Sampling Type: Soil  
Sampling Condition: \*\* (See Notes)  
Sample Received By: Tamara Oldaker

**Sample ID: S - 5 (H212346-05)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2021	ND	1.78	88.8	2.00	5.83	
Toluene*	<0.050	0.050	08/31/2021	ND	1.93	96.7	2.00	5.77	
Ethylbenzene*	<0.050	0.050	08/31/2021	ND	1.88	94.1	2.00	5.84	
Total Xylenes*	<0.150	0.150	08/31/2021	ND	5.68	94.6	6.00	5.36	
Total BTX	<0.300	0.300	08/31/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/31/2021	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/31/2021	ND	196	98.1	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/31/2021	ND	220	110	200	9.71	
EXT DRO >C28-C36	<10.0	10.0	08/31/2021	ND					

Surrogate: 1-Chlorooctane 88.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 80.8 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 08/30/2021  
Reported: 09/02/2021  
Project Name: ROSS RANCH 22 BATTERY  
Project Number: 6-10  
Project Location: SPUR - EDDY CO NM

Sampling Date: 08/30/2021  
Sampling Type: Soil  
Sampling Condition: \*\* (See Notes)  
Sample Received By: Tamara Oldaker

**Sample ID: S - 6 (H212346-06)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2021	ND	1.78	88.8	2.00	5.83	
Toluene*	<0.050	0.050	08/31/2021	ND	1.93	96.7	2.00	5.77	
Ethylbenzene*	<0.050	0.050	08/31/2021	ND	1.88	94.1	2.00	5.84	
Total Xylenes*	<0.150	0.150	08/31/2021	ND	5.68	94.6	6.00	5.36	
Total BTX	<0.300	0.300	08/31/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/31/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/31/2021	ND	196	98.1	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/31/2021	ND	220	110	200	9.71	
EXT DRO >C28-C36	<10.0	10.0	08/31/2021	ND					

Surrogate: 1-Chlorooctane 86.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 77.9 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 08/30/2021  
Reported: 09/02/2021  
Project Name: ROSS RANCH 22 BATTERY  
Project Number: 6-10  
Project Location: SPUR - EDDY CO NM

Sampling Date: 08/30/2021  
Sampling Type: Soil  
Sampling Condition: \*\* (See Notes)  
Sample Received By: Tamara Oldaker

**Sample ID: S - 7 (H212346-07)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2021	ND	1.78	88.8	2.00	5.83	
Toluene*	<0.050	0.050	08/31/2021	ND	1.93	96.7	2.00	5.77	
Ethylbenzene*	<0.050	0.050	08/31/2021	ND	1.88	94.1	2.00	5.84	
Total Xylenes*	<0.150	0.150	08/31/2021	ND	5.68	94.6	6.00	5.36	
Total BTX	<0.300	0.300	08/31/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/31/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/31/2021	ND	196	98.1	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/31/2021	ND	220	110	200	9.71	
EXT DRO >C28-C36	<10.0	10.0	08/31/2021	ND					

Surrogate: 1-Chlorooctane 87.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 80.3 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 08/30/2021  
Reported: 09/02/2021  
Project Name: ROSS RANCH 22 BATTERY  
Project Number: 6-10  
Project Location: SPUR - EDDY CO NM

Sampling Date: 08/30/2021  
Sampling Type: Soil  
Sampling Condition: \*\* (See Notes)  
Sample Received By: Tamara Oldaker

**Sample ID: S - 8 (H212346-08)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/31/2021	ND	1.78	88.8	2.00	5.83		
Toluene*	<0.050	0.050	08/31/2021	ND	1.93	96.7	2.00	5.77		
Ethylbenzene*	<0.050	0.050	08/31/2021	ND	1.88	94.1	2.00	5.84		
Total Xylenes*	<0.150	0.150	08/31/2021	ND	5.68	94.6	6.00	5.36		
Total BTEx	<0.300	0.300	08/31/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/31/2021	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/31/2021	ND	196	98.1	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/31/2021	ND	220	110	200	9.71	
EXT DRO >C28-C36	<10.0	10.0	08/31/2021	ND					

Surrogate: 1-Chlorooctane 88.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 80.1 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 08/30/2021  
Reported: 09/02/2021  
Project Name: ROSS RANCH 22 BATTERY  
Project Number: 6-10  
Project Location: SPUR - EDDY CO NM

Sampling Date: 08/30/2021  
Sampling Type: Soil  
Sampling Condition: \*\* (See Notes)  
Sample Received By: Tamara Oldaker

**Sample ID: S - 9 (H212346-09)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/31/2021	ND	1.78	88.8	2.00	5.83		
Toluene*	<0.050	0.050	08/31/2021	ND	1.93	96.7	2.00	5.77		
Ethylbenzene*	<0.050	0.050	08/31/2021	ND	1.88	94.1	2.00	5.84		
Total Xylenes*	<0.150	0.150	08/31/2021	ND	5.68	94.6	6.00	5.36		
Total BTEx	<0.300	0.300	08/31/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/31/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/31/2021	ND	196	98.1	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/31/2021	ND	220	110	200	9.71	
EXT DRO >C28-C36	<10.0	10.0	08/31/2021	ND					

Surrogate: 1-Chlorooctane 93.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 85.0 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 08/30/2021  
Reported: 09/02/2021  
Project Name: ROSS RANCH 22 BATTERY  
Project Number: 6-10  
Project Location: SPUR - EDDY CO NM

Sampling Date: 08/30/2021  
Sampling Type: Soil  
Sampling Condition: \*\* (See Notes)  
Sample Received By: Tamara Oldaker

**Sample ID: S - 10 (H212346-10)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/31/2021	ND	1.78	88.8	2.00	5.83		
Toluene*	<0.050	0.050	08/31/2021	ND	1.93	96.7	2.00	5.77		
Ethylbenzene*	<0.050	0.050	08/31/2021	ND	1.88	94.1	2.00	5.84		
Total Xylenes*	<0.150	0.150	08/31/2021	ND	5.68	94.6	6.00	5.36		
Total BTX	<0.300	0.300	08/31/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/31/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/31/2021	ND	196	98.1	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/31/2021	ND	220	110	200	9.71	
EXT DRO >C28-C36	<10.0	10.0	08/31/2021	ND					

Surrogate: 1-Chlorooctane 86.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 79.2 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 08/30/2021  
Reported: 09/02/2021  
Project Name: ROSS RANCH 22 BATTERY  
Project Number: 6-10  
Project Location: SPUR - EDDY CO NM

Sampling Date: 08/30/2021  
Sampling Type: Soil  
Sampling Condition: \*\* (See Notes)  
Sample Received By: Tamara Oldaker

**Sample ID: S - 11 (H212346-11)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2021	ND	1.78	88.8	2.00	5.83	
Toluene*	<0.050	0.050	08/31/2021	ND	1.93	96.7	2.00	5.77	
Ethylbenzene*	<0.050	0.050	08/31/2021	ND	1.88	94.1	2.00	5.84	
Total Xylenes*	<0.150	0.150	08/31/2021	ND	5.68	94.6	6.00	5.36	
Total BTX	<0.300	0.300	08/31/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/31/2021	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/31/2021	ND	196	98.1	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/31/2021	ND	220	110	200	9.71	
EXT DRO >C28-C36	<10.0	10.0	08/31/2021	ND					

Surrogate: 1-Chlorooctane 86.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 79.4 % 38.9-142

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/30/2021  
Reported: 09/02/2021  
Project Name: ROSS RANCH 22 BATTERY  
Project Number: 6-10  
Project Location: SPUR - EDDY CO NM

Sampling Date: 08/30/2021  
Sampling Type: Soil  
Sampling Condition: \*\* (See Notes)  
Sample Received By: Tamara Oldaker

**Sample ID: S - 12 (H212346-12)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2021	ND	1.78	88.8	2.00	5.83	
Toluene*	<0.050	0.050	08/31/2021	ND	1.93	96.7	2.00	5.77	
Ethylbenzene*	<0.050	0.050	08/31/2021	ND	1.88	94.1	2.00	5.84	
Total Xylenes*	<0.150	0.150	08/31/2021	ND	5.68	94.6	6.00	5.36	
Total BTX	<0.300	0.300	08/31/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/31/2021	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/31/2021	ND	196	98.1	200	5.74	
DRO >C10-C28*	<10.0	10.0	08/31/2021	ND	220	110	200	9.71	
EXT DRO >C28-C36	<10.0	10.0	08/31/2021	ND					

Surrogate: 1-Chlorooctane 91.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 82.5 % 38.9-142

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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 "C. D. Keene", is written over a horizontal line.

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				<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>																		
Project Manager: Chris Jones				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>6-10</i> Project Owner: <i>SPUR</i>				City:																						
Project Name: <i>Ross Ranch 22 Battery</i>				State: Zip:																						
Project Location: <i>Eddy</i>				Phone #:																						
Sampler Name: <i>G10</i>				Fax #:																						
FOR LAB USE ONLY																										
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX				PRESERV.	SAMPLING																	
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME												
<i>H212346</i>																										
<i>1</i>	<i>S-1</i>	<i>X</i>				<i>X</i>				<i>X</i>			<i>8/30/21</i>	<i>0800</i>	<i>TPX</i>											
<i>2</i>	<i>S-2</i>													<i>0805</i>	<i>BTEX</i>											
<i>3</i>	<i>S-3</i>													<i>0810</i>	<i>Chlorides</i>											
<i>4</i>	<i>S-4</i>													<i>0815</i>												
<i>5</i>	<i>S-5</i>													<i>0820</i>												
<i>6</i>	<i>S-6</i>													<i>0825</i>												
<i>7</i>	<i>S-7</i>													<i>0830</i>												
<i>8</i>	<i>S-8</i>													<i>0835</i>												
<i>9</i>	<i>S-9</i>													<i>0840</i>												
<i>10</i>	<i>S-10</i>													<i>0845</i>												

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Relinquished By: <i>[Signature]</i>	Date: <i>8/30/21</i>	Received By: <i>[Signature]</i>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By: <i>[Signature]</i>	Time: <i>3:40 PM</i>	Received By: <i>[Signature]</i>	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One) Sampler - UPS - Bus - Other: <i>24.2c #113</i>	Sample Condition Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	CHECKED BY: (Initials) <i>JO.</i>	REMARKS: <i>Bill TO SPUR</i> <i>Brought straight to lab from field.</i>	

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Pima Environmental Services				<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>																			
Project Manager: Chris Jones				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>6-10</i> Project Owner: <i>SPUR</i>				City:																							
Project Name: <i>Ross Ranch 22 Battery</i>				State: Zip:																							
Project Location: <i>Eddy</i>				Phone #:																							
Sampler Name: <i>G10</i>				Fax #:																							
FOR LAB USE ONLY						MATRIX		PRESERV.		SAMPLING																	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME													
<i>H212346</i>																											
<i>11</i>	<i>S-11</i>	<i>X</i>				<i>X</i>				<i>X</i>			<i>8/30/21</i>	<i>0900</i>	<i>TPX</i>	<i>BTEX</i>	<i>Chlorides</i>										
<i>12</i>	<i>S-12</i>	<i>X</i>				<i>X</i>				<i>Y</i>			<i>8/30/21</i>	<i>0905</i>	<i>X</i>	<i>X</i>	<i>X</i>										

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Relinquished By: <i>GJ</i>	Date: <i>8/30/21</i>	Received By:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
	Time: <i>3:42pm</i>		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS:	
	Time:		<i>Bill to SPUR</i> <i>Brought straight to lab from field.</i>	
Delivered By: (Circle One)				
Sampler - UPS - Bus - Other: <i>24.2i #113</i>	Sample Condition	CHECKED BY: (Initials)		
	Cool Intact			
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<i>TO</i>		

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

**District I**

1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720

**District II**

811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720

**District III**

1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**

1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 48398

**CONDITIONS**

Operator: Pima Environmental Services, LLC 1601 N. Turner Hobbs, NM 88240	OGRID: 329999
	Action Number: 48398
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
chensley	None	10/7/2021