



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

May 17<sup>th</sup>, 2023

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

**Re: Site Assessment, Remediation, and Closure Report**  
**Jasper 32 State Com 7H**  
**API No. 30-015-40584**  
**GPS: Latitude 32.6235924 Longitude -104.0945587**  
**UL- B, Sec. 32, T19S, R29E**  
**Eddy County, NM**  
**NMOCD Incident ID NAB1911934844**

Devon Energy Production Company (Devon) has contracted Pima Environmental Services LLC (Pima), to perform a spill assessment, remediation, and submit a closure report for a produced water spill that occurred at the Jasper 32 State Com 7H (Jasper). The initial C-141 was submitted on April 4<sup>th</sup>, 2019 (Appendix C). This was assigned with Incident ID NAB1911934844, by the New Mexico Oil Conservation Division (NMOCD).

**Site Characterization**

The Jasper is located approximately fifteen (15) miles northeast of Carlsbad, NM. This spill site is in Unit B, Section 32, Township 19S, Range 29E, Latitude 32.6235924, Longitude -104.0945587, Eddy County, NM. Figure 1 references a Location map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is made up of Piedmont alluvial deposits (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 Potter-Simona complex, 5 to 25 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 high potential for karst geology to be present around the Jasper (Figure 3).

According to the New Mexico Office of the State Engineer, depth to the nearest groundwater in this area is 75 feet below grade surface (BGS). According to the United States Geological Survey (USGS), the nearest groundwater is 67.21 feet BGS. The closest waterway is an unnamed playa located approximately 5.72 miles to the southeast of this location. See Appendix A for referenced water surveys.

Table 1 NMAC and Closure Criteria 19.15.29					
Depth to Groundwater (Appendix A)	Constituent & Limits				
	Chlorides	Total TPH	GRO+DRO	BTEX	Benzene
<50' (High Karst)	600 mg/kg	100 mg/kg		50 mg/kg	10 mg/kg
51-100'	10,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg
>100'	20,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg

Reference Figure 2 for a Topographic map.

**Release Information**

**NAB1911934844:** On September 17<sup>th</sup>, 2018, a missing plug on a ball valve resulted in a release of approximately 67.7 barrels of produced water, approximately 50 barrels of produced water were recovered.

**Site Assessment and Soil Sampling Results**

On July 15<sup>th</sup>, 23<sup>rd</sup>, 2020, and September 22<sup>nd</sup>, 2022, Pima Environmental mobilized personnel to the Jasper to assess the spill. Pima collected fourteen bottom samples (S1-S14) to obtain vertical delineation, four sidewall samples (SW1-SW4) to achieve horizontal delineation and three background samples (BG1-BG3) to obtain a better representation of naturally occurring chlorides in the area. Laboratory results of this sampling event can be found in the following data table. A site map can be found in figure 4.

7-15-2020 and 9-22-2022 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
Devon Energy - Jasper 32 State Com #7H								
Sample Date 7-15-20/ 7-23-2020 / 9-22-22		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	580
S-2	0-6	ND	ND	ND	ND	ND	0	160
S-3	0-6	ND	ND	ND	ND	ND	0	81
S-4	0-6	ND	ND	ND	ND	ND	0	ND
S-5	0-6	ND	ND	ND	16	ND	16	6100
	1'	0.618	ND	29.5	11200	4200	15429.5	1160
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
S-6	4'	ND	ND	ND	ND	ND	0	ND
	0-6	ND	ND	ND	11	ND	11	11000
	1	ND	ND	ND	ND	ND	0	4100
	2	ND	ND	ND	ND	ND	0	2300
S-7	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
	0-6	ND	ND	ND	12	ND	12	1000
	1'	ND	ND	ND	ND	ND	0	931
S-8	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
	0-6	ND	ND	ND	ND	ND	0	23000
S-9	1	ND	ND	ND	ND	ND	0	6700
	2	ND	ND	ND	ND	ND	0	4300
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S-10	0-6	ND	ND	ND	2900	3000	5900	1900
	1'	0.517	ND	ND	13200	5430	18630	2730
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
S-11	4'	ND	ND	ND	ND	ND	0	ND
	0-6	ND	ND	ND	ND	ND	0	510
	0-6	ND	ND	ND	ND	ND	0	ND
	0-6	ND	ND	ND	ND	ND	0	ND
S-12	0-6	ND	ND	ND	ND	ND	0	450
	0-6	ND	ND	ND	ND	ND	0	2400
	1	ND	ND	ND	ND	ND	0	1300
	2	ND	ND	ND	ND	ND	0	870
S-13	3	ND	ND	ND	ND	ND	0	410
	6"	ND	ND	ND	ND	ND	0	ND
	6"	ND	ND	ND	ND	ND	0	48
	6"	ND	ND	ND	ND	ND	0	48
BG 1	6"	ND	ND	ND	ND	ND	0	48
	Surface	ND	ND	ND	ND	ND	0	16
BG 2	1	ND	ND	ND	ND	ND	0	ND
	Surface	ND	ND	ND	ND	ND	0	32

	1	ND	ND	ND	ND	ND	0	ND
BG-3	Surface	ND	ND	ND	ND	ND	0	ND

Nd: Non-Detect

**Remediation Activities**

On May 5<sup>th</sup>, 2023, Pima mobilized personnel and equipment to conduct remedial activities. We excavated the area overlapping soil sample (S5, S7, S9) to a depth of 2 feet, and the area overlapping (S6, S8, S10) was excavated to a depth of 3 feet bgs. Excavation activities were completed on May 12<sup>th</sup>, 2023. Photographic documentation can be found in Appendix D.

An area approximately 115 feet in length by 48 feet wide was excavated to various depths utilizing a backhoe.

On May 14<sup>th</sup>, 2023, after submitting the 48-hour notification (Appendix C), Pima collected confirmation samples. A total of 34 composite samples were collected from the excavated area. Soil samples (CS1-CS26) were collected from the bottom of the excavation, soil samples (SW1-SW8) were collected from the side walls of the excavation. The laboratory results of this sampling event can be found in the following data table. A confirmation map can be found in figure 5.

5-14-23 Confirmation Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
DEVON ENERGY - JASPER 32 STATE COM 7H								
Sample Date: 5/14/23		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
CS 1	3'	ND	ND	ND	ND	ND	ND	ND
CS 2	3'	ND	ND	ND	ND	ND	ND	ND
CS 3	3'	ND	ND	ND	ND	ND	ND	ND
CS 4	3'	ND	ND	ND	ND	ND	ND	ND
CS 5	3'	ND	ND	ND	ND	ND	ND	ND
CS 6	2'	ND	ND	ND	ND	ND	ND	ND
CS 7	2'	ND	ND	ND	ND	ND	ND	ND
CS 8	2'	ND	ND	ND	ND	ND	ND	ND
CS 9	2'	ND	ND	ND	ND	ND	ND	ND
CS 10	2'	ND	ND	ND	ND	ND	ND	ND
CS 11	3'	ND	ND	ND	ND	ND	ND	ND
CS 12	3'	ND	ND	ND	ND	ND	ND	ND
CS 13	3'	ND	ND	ND	ND	ND	ND	ND
CS 14	3'	ND	ND	ND	ND	ND	ND	ND
CS 15	3'	ND	ND	ND	ND	ND	ND	ND
CS 16	3'	ND	ND	ND	ND	ND	ND	ND
CS 17	3'	ND	ND	ND	ND	ND	ND	ND
CS 18	3'	ND	ND	ND	ND	ND	ND	ND
CS 19	3'	ND	ND	ND	ND	ND	ND	ND
CS 20	3'	ND	ND	ND	ND	ND	ND	ND
CS 21	2'	ND	ND	ND	ND	ND	ND	ND
CS 22	2'	ND	ND	ND	ND	ND	ND	ND
CS 23	2'	ND	ND	ND	ND	ND	ND	ND
CS 24	2'	ND	ND	ND	ND	ND	ND	ND
CS 25	2'	ND	ND	ND	ND	ND	ND	ND
CS 26	2'	ND	ND	ND	ND	ND	ND	ND
CSW 1	0-3'	ND	ND	ND	ND	ND	ND	ND
CSW 2	0-2'	ND	ND	ND	ND	ND	ND	ND
CSW 3	0-3'	ND	ND	ND	ND	ND	ND	ND
CSW 4	0-2'	ND	ND	ND	ND	ND	ND	ND
CSW 5	0-2'	ND	ND	ND	ND	ND	ND	ND
CSW 6	0-2'	ND	ND	ND	ND	ND	ND	ND

CSW 7	0-3'	ND						
CSW 8	0-3'	ND						

ND- Analyte Not Detected

Complete laboratory reports can be found in Appendix E.

**Closure Request**

After careful review, Pima requests that this incident, NAB1911934844, be closed. Devon Energy has complied with the applicable closure requirements set forth in rule 19.15.19.12 NMAC.

Should you have any questions or need additional information, please feel free to contact Sebastian Orozco at 619-721-4813 or Sebastian@pimaoil.com.

Respectfully,

*Sebastian Orozco*

Sebastian Orozco  
Environmental Project Manager  
Pima Environmental Services, LLC

**Attachments**

Figures:

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

Appendices:

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



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**Figures:**

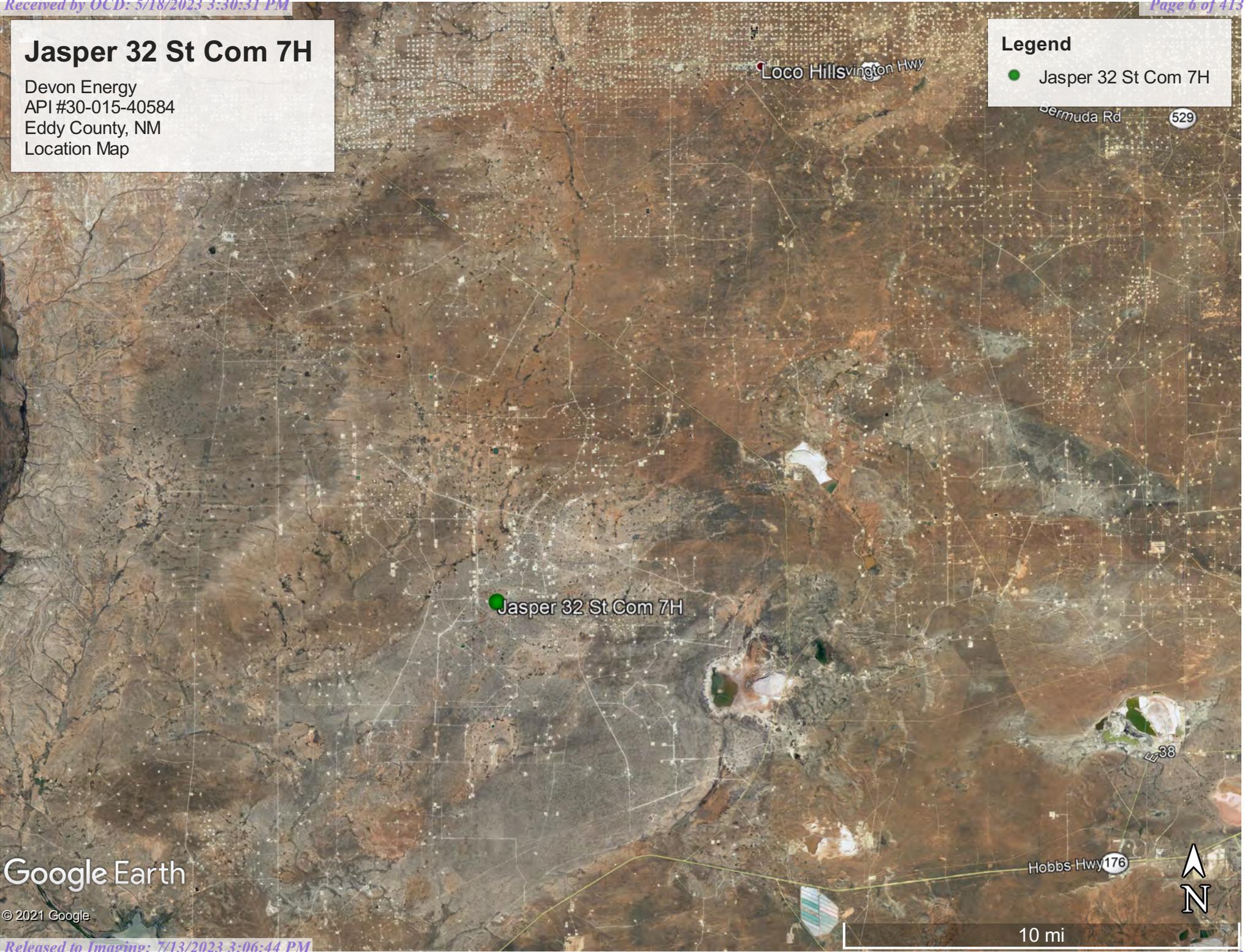
- 1-Location Map
- 2-Topographic Map
- 3-Karst Map
- 4-Site Map
- 5- Confirmation Map

# Jasper 32 St Com 7H

Devon Energy  
API #30-015-40584  
Eddy County, NM  
Location Map

**Legend**

- Jasper 32 St Com 7H



Google Earth

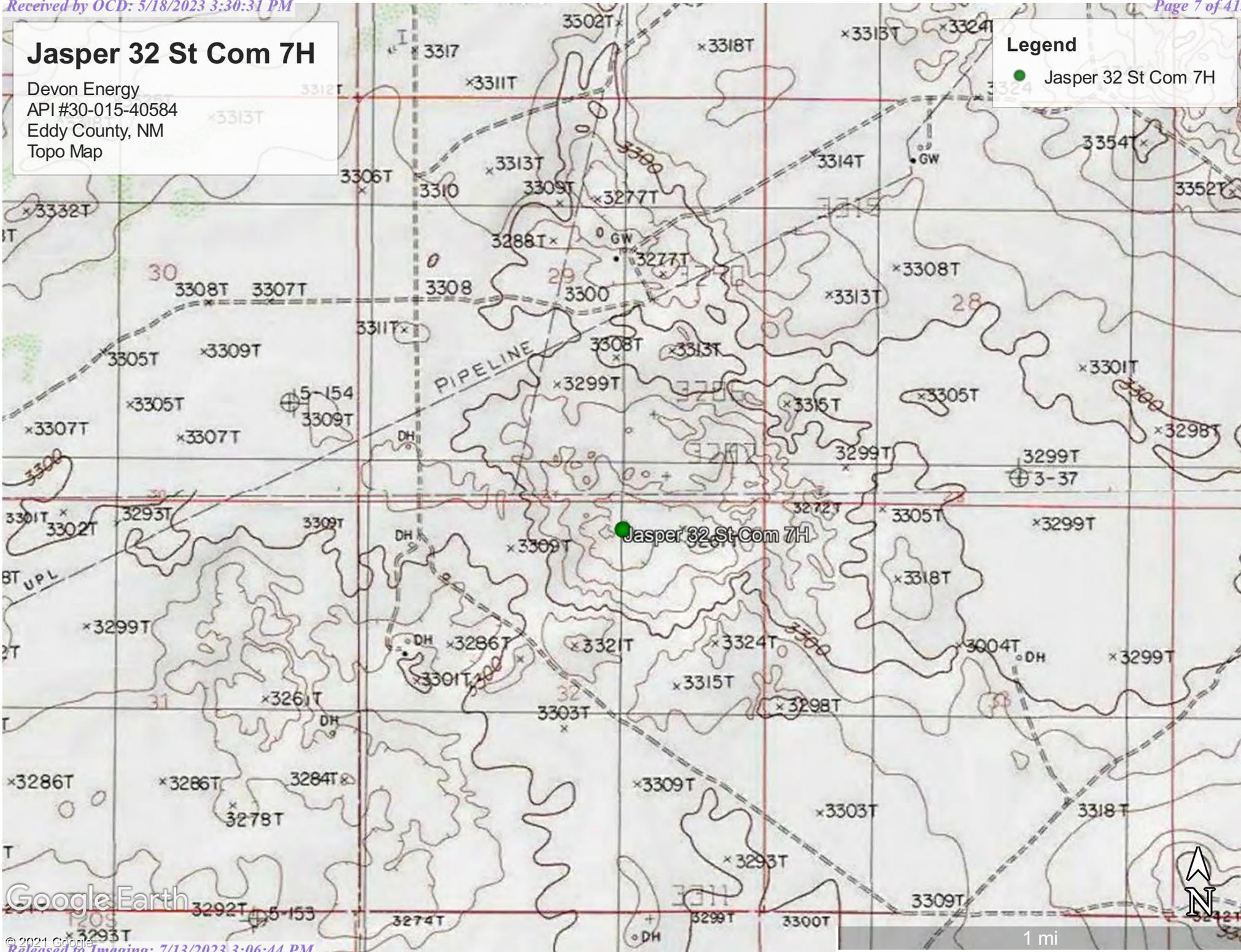
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# Jasper 32 St Com 7H

Devon Energy  
API #30-015-40584  
Eddy County, NM  
Topo Map

## Legend

● Jasper 32 St Com 7H

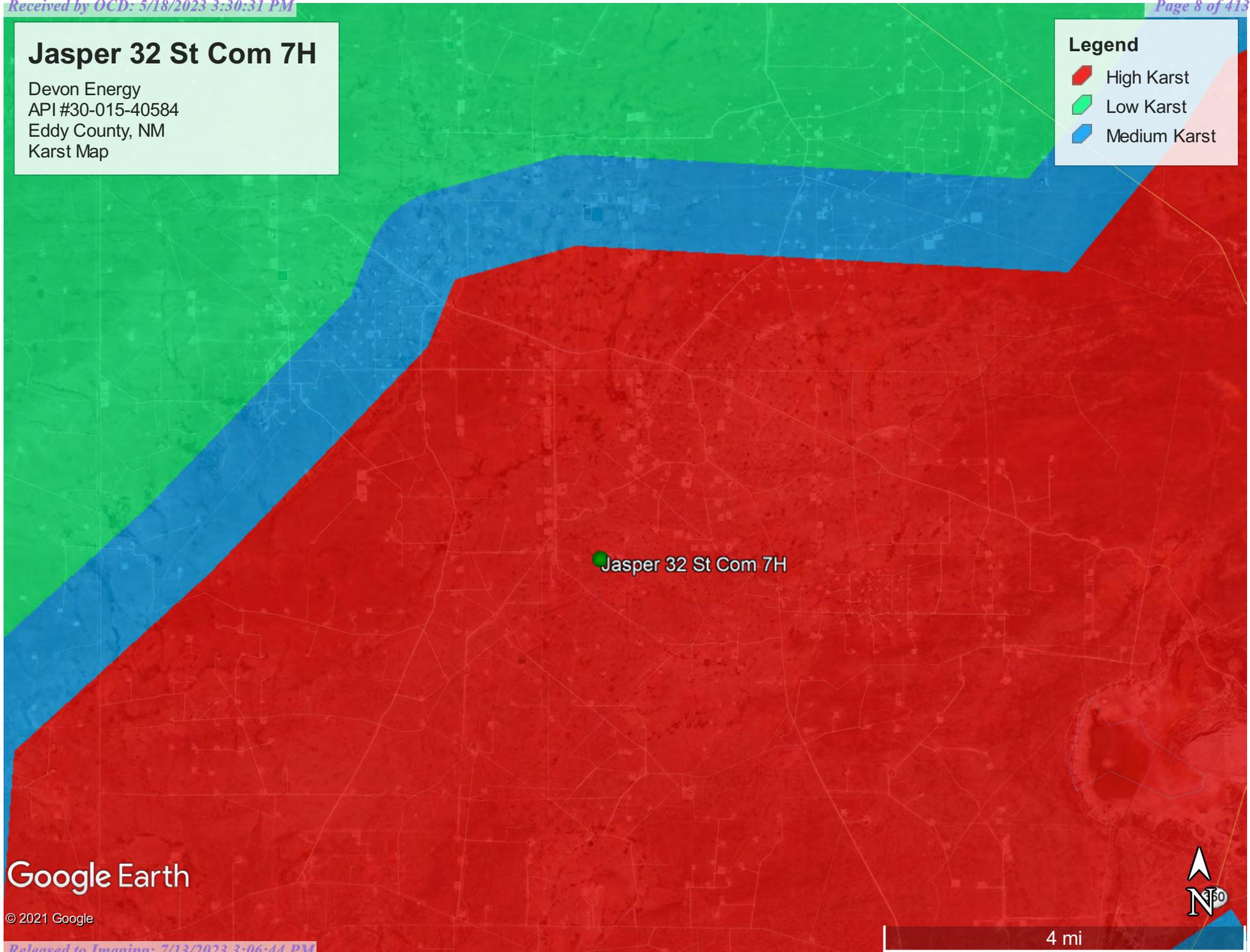


# Jasper 32 St Com 7H

Devon Energy  
API #30-015-40584  
Eddy County, NM  
Karst Map

**Legend**

-  High Karst
-  Low Karst
-  Medium Karst



Google Earth

© 2021 Google



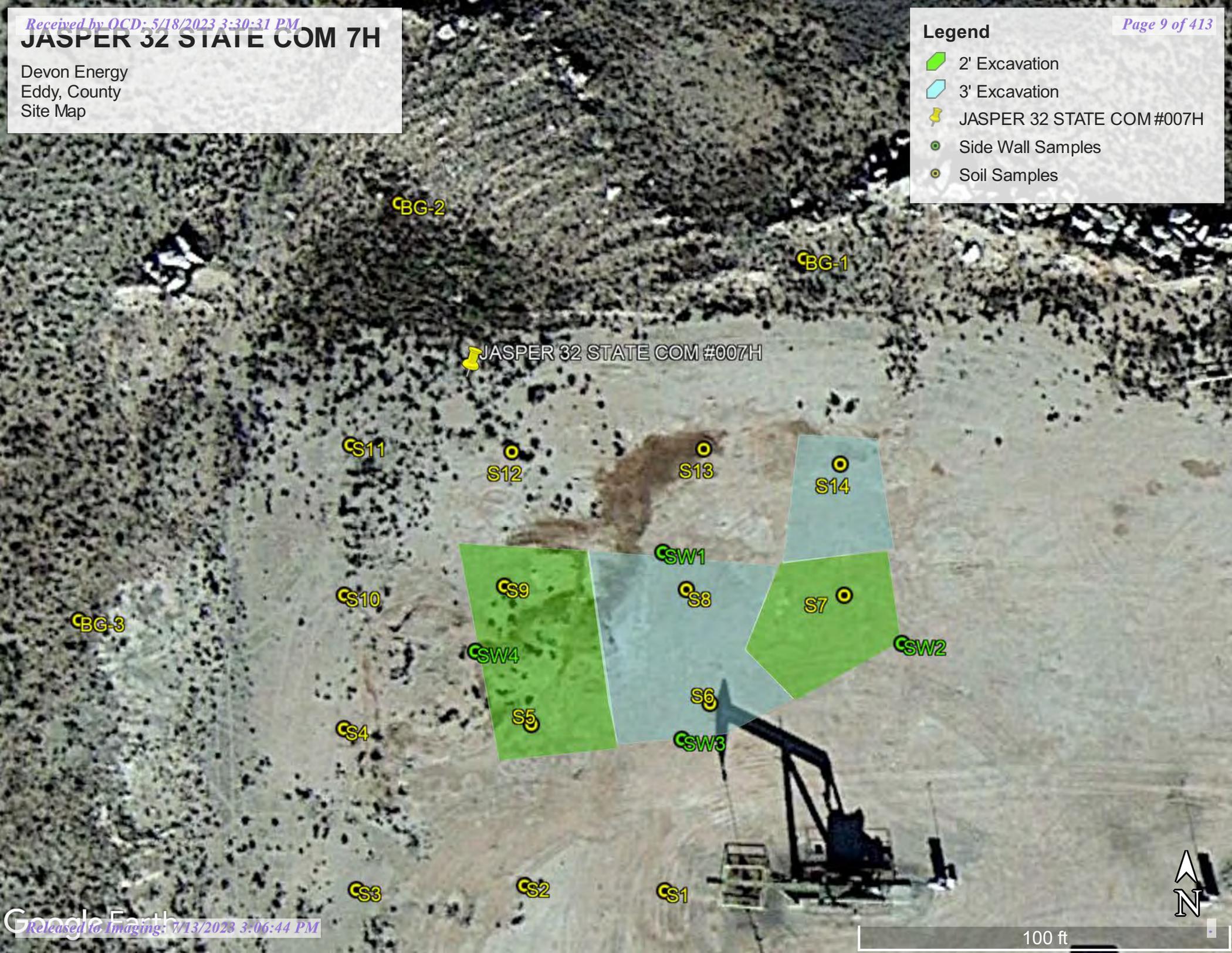
4 mi

# JASPER 32 STATE COM 7H

Devon Energy  
Eddy, County  
Site Map

## Legend

-  2' Excavation
-  3' Excavation
-  JASPER 32 STATE COM #007H
-  Side Wall Samples
-  Soil Samples

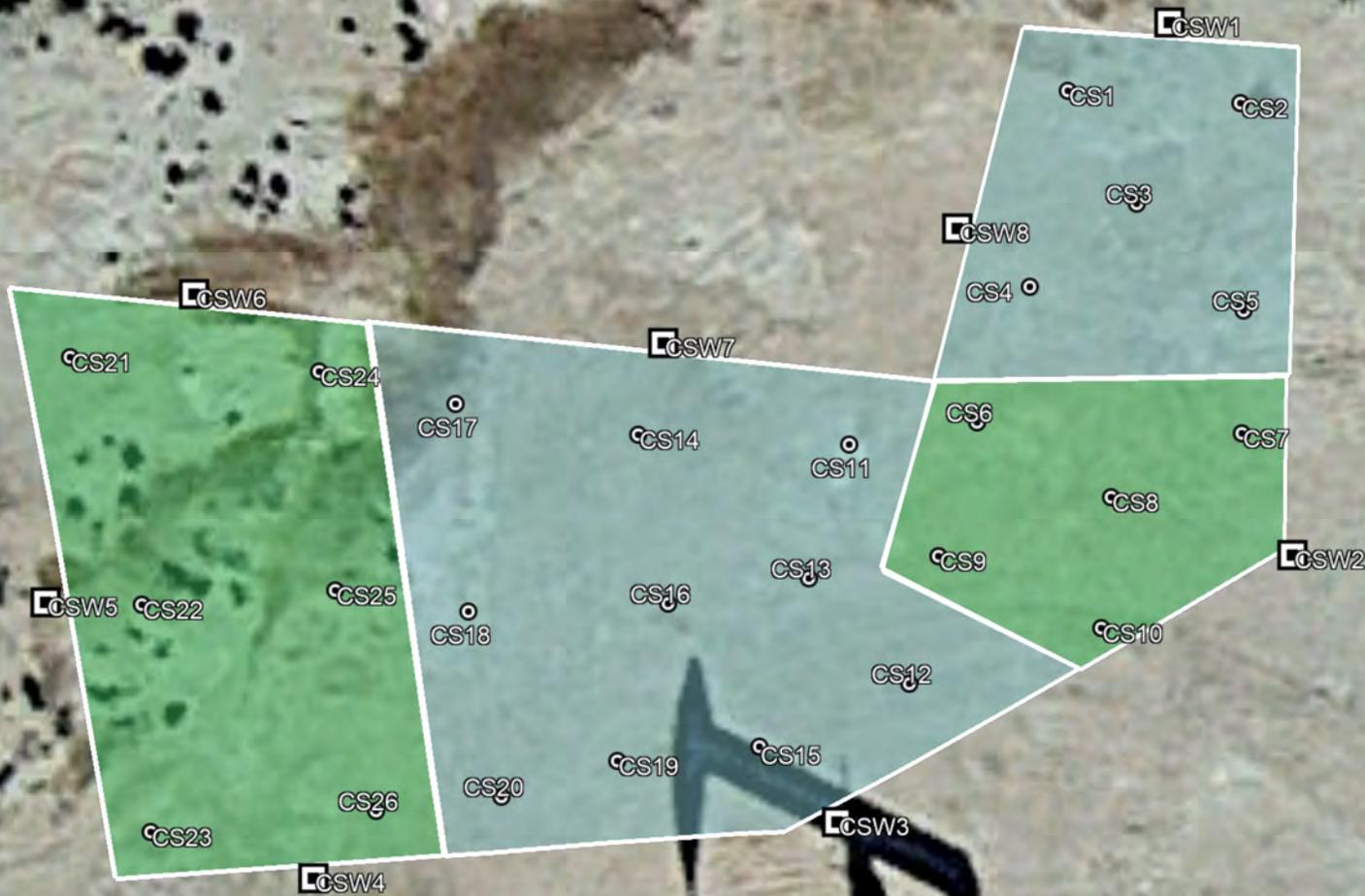


# Jasper 32 State Com 7H

Devon Energy  
Eddy, County  
Confirmation Map

**Legend**

- 2' Excavation
- 3' Excavation
- Bottom Sample
- Side Wall Sample



60 ft



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**Appendix A**

Water Surveys:

OSE

USGS

Surface Water Map



# New Mexico Office of the State Engineer

## Water Column/Average Depth to Water

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

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

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD Number	POD Code	Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
<a href="#">CP 00830 POD1</a>	CP	LE		2	1	04	20S	29E		586118	3608193*	2087	120		
<a href="#">CP 00681</a>	CP	ED		1	1	3 34	19S	29E		587230	3609127*	2416			
<a href="#">CP 00743 POD1</a>	CP	ED		2	4	05	20S	29E		585319	3607382*	2566	160		
<a href="#">CP 01231 POD1</a>	CP	ED		4	4	2 36	19S	28E		582311	3609372	2694	300	75	225
<a href="#">CP 00698 POD1</a>	CP	ED		3	1	03	20S	29E		587393	3608010	3103			
<a href="#">CP 00741</a>	CP	ED		1	3	2 34	19S	29E		588030	3609533*	3105	230	60	170

Average Depth to Water: **67 feet**  
 Minimum Depth: **60 feet**  
 Maximum Depth: **75 feet**

**Record Count:** 6

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

**Easting (X):** 584948.523

**Northing (Y):** 3609922

**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.

4/12/21 12:25 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER



USGS Home  
Contact USGS  
Search USGS

## National Water Information System: Web Interface

USGS Water Resources

Data Category:

Groundwater

Geographic Area:

United States

GO

Click to hide News Bulletins

- Explore the **NEW** [USGS National Water Dashboard](#) to access real-time 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 =

- 323900104052901

Minimum number of levels = 1

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

## USGS 323900104052901 19S.29E.20.24111 RATLSNAKE

Available data for this site

Groundwater: Field measurements

GO

Eddy County, New Mexico

Hydrologic Unit Code 13060011

Latitude 32°39'00", Longitude 104°05'29" NAD27

Land-surface elevation 3,306 feet above NAVD88

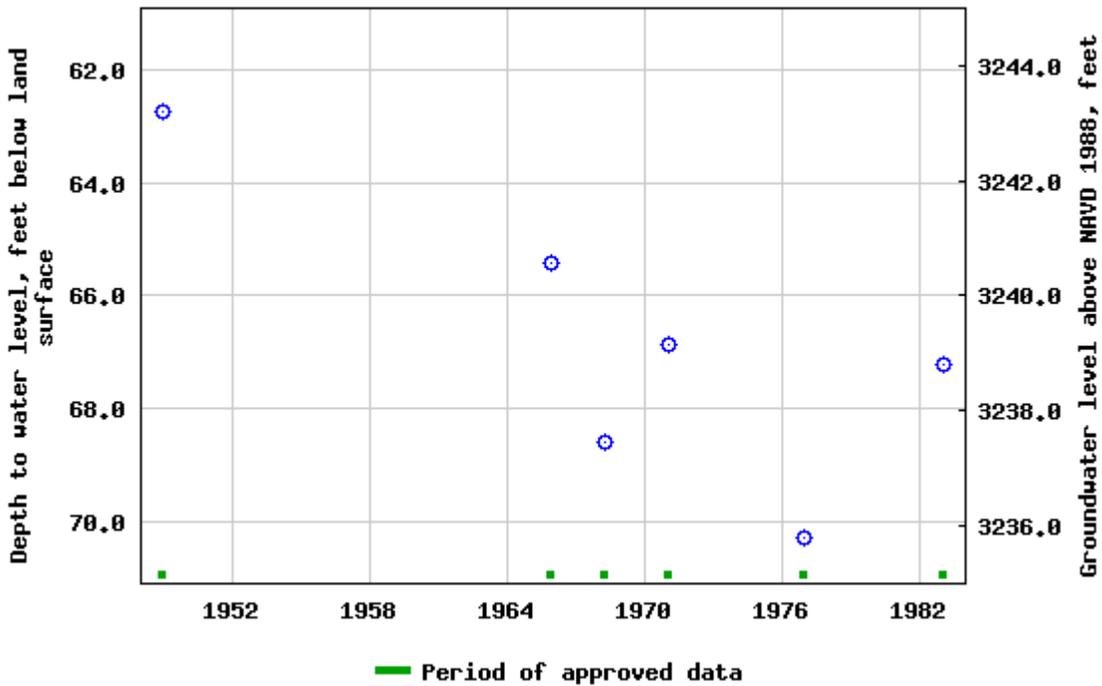
This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Rustler Formation (312RSLR) local aquifer.

### Output formats

<a href="#">Table of data</a>
<a href="#">Tab-separated data</a>
<a href="#">Graph of data</a>
<a href="#">Reselect period</a>

USGS 323900104052901 19S.29E.20.24111 RATLSNAKE



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

[Download a presentation-quality graph](#)

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[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)

**Title: Groundwater for USA: Water Levels**

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



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

Page Last Modified: 2021-04-12 14:27:50 EDT

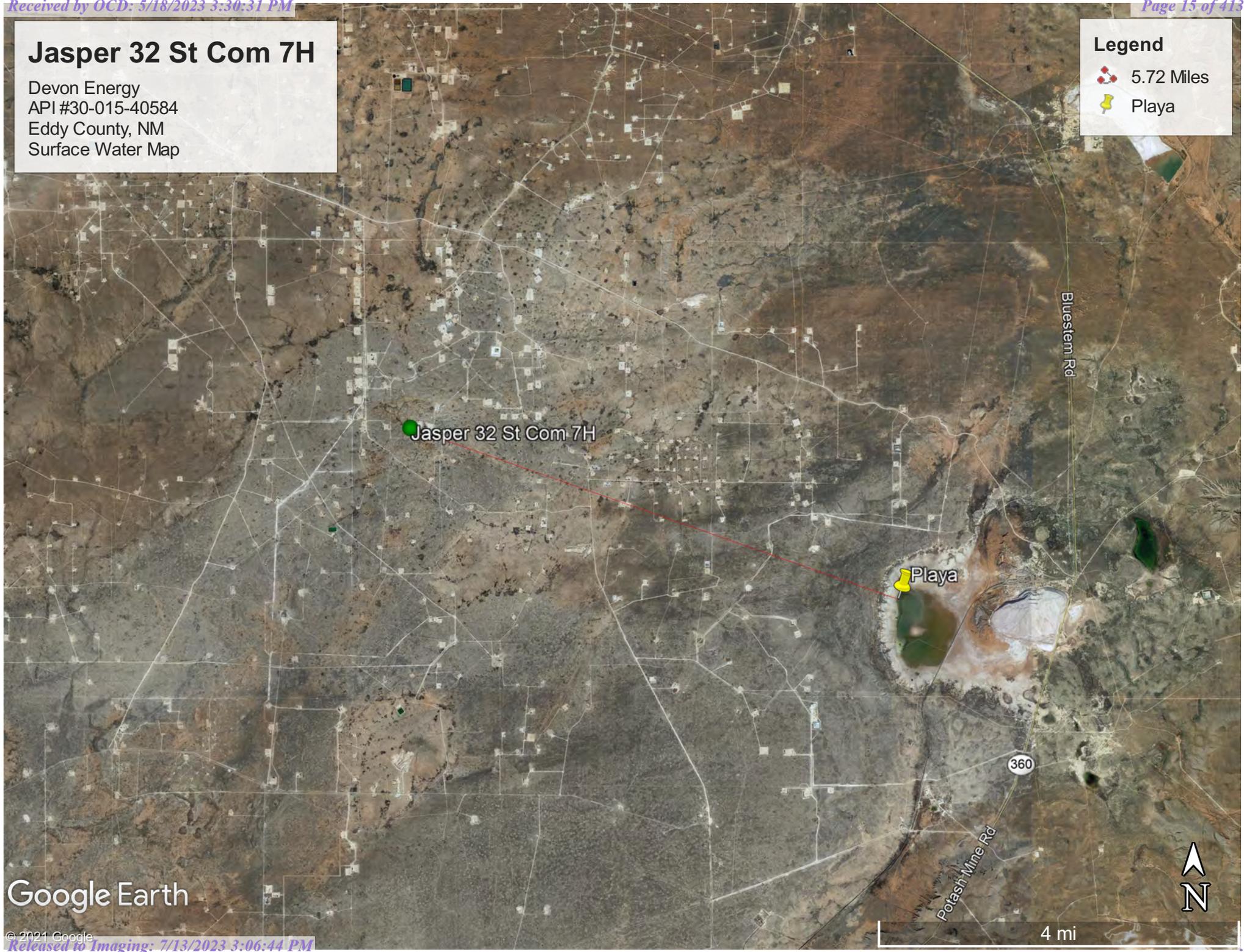
0.67 0.59 nadww02

# Jasper 32 St Com 7H

Devon Energy  
API #30-015-40584  
Eddy County, NM  
Surface Water Map

**Legend**

-  5.72 Miles
-  Playa



Google Earth



Pima Environmental Services

**Appendix B**

Soil Survey & Geological Data

FEMA Flood Map

Wetlands Map

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

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## Eddy Area, New Mexico

### Rf—Reagan loam, saline, 0 to 1 percent slopes

#### Map Unit Setting

*National map unit symbol:* 1w5n

*Elevation:* 2,150 to 5,300 feet

*Mean annual precipitation:* 10 to 17 inches

*Mean annual air temperature:* 57 to 70 degrees F

*Frost-free period:* 200 to 235 days

*Farmland classification:* Farmland of statewide importance

#### Map Unit Composition

*Reagan and similar soils:* 96 percent

*Minor components:* 4 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 1 percent

*Depth to restrictive feature:* More than 80 inches

*Natural 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 in profile:* 40 percent

*Salinity, maximum in profile:* Slightly saline to strongly saline (4.0 to 16.0 mmhos/cm)

*Sodium adsorption ratio, maximum in profile:* 10.0

*Available water storage in profile:* Moderate (about 7.3 inches)

##### Interpretive groups

*Land capability classification (irrigated):* 3s

*Land capability classification (nonirrigated):* 7s

*Hydrologic Soil Group:* B

*Ecological site:* Loamy (R042XC007NM)

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

---

*Hydric soil rating:* No

#### **Minor Components**

##### **Reeves**

*Percent of map unit:* 1 percent

*Ecological site:* Loamy (R042XC007NM)

*Hydric soil rating:* No

##### **Reagan nonsaline**

*Percent of map unit:* 1 percent

*Ecological site:* Loamy (R042XC007NM)

*Hydric soil rating:* No

##### **Reagan saline**

*Percent of map unit:* 1 percent

*Ecological site:* Salt Flats (R042XC036NM)

*Hydric soil rating:* No

##### **Gypsum land**

*Percent of map unit:* 1 percent

*Hydric soil rating:* No

## **Data Source Information**

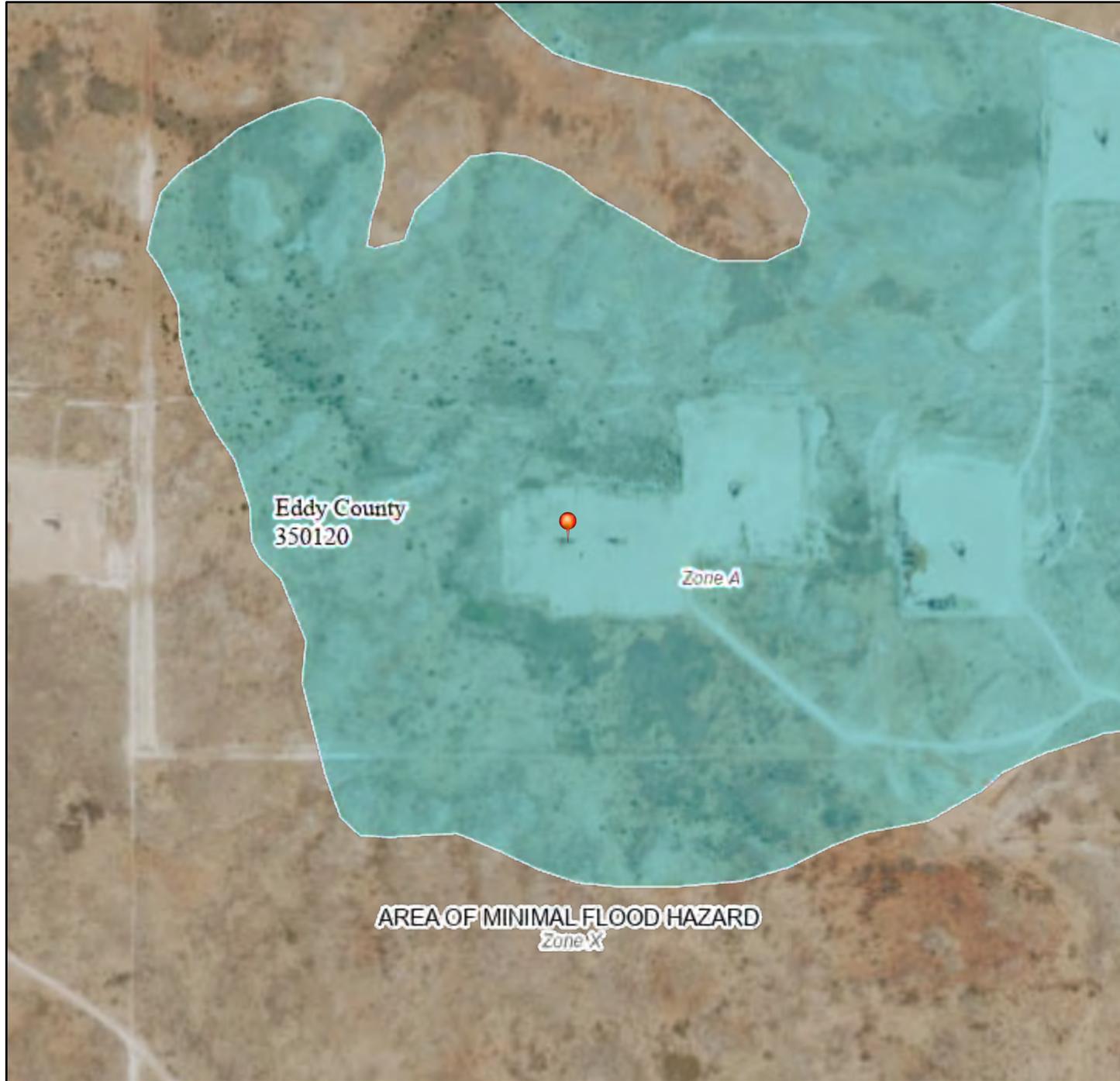
Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 16, Jun 8, 2020

# National Flood Hazard Layer FIRMette



104°5'59"W 32°37'40"N



## Legend

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

- |                                    |  |  |
|------------------------------------|--|--|
| <b>SPECIAL FLOOD HAZARD AREAS</b>  |  | Without Base Flood Elevation (BFE)<br><i>Zone A, V, A99</i>  |
|                                    |  | With BFE or Depth <i>Zone AE, AO, AH, VE, AR</i>   |
|                                    |  | Regulatory Floodway  |
| <b>OTHER AREAS OF FLOOD HAZARD</b> |  | 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile <i>Zone X</i> |
|                                    |  | Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i>  |
|                                    |  | Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone X</i>  |
|                                    |  | Area with Flood Risk due to Levee <i>Zone D</i>  |
| <b>OTHER AREAS</b>                 |  | NO SCREEN Area of Minimal Flood Hazard <i>Zone X</i>   |
|                                    |  | Effective LOMRs  |
| <b>GENERAL STRUCTURES</b>          |  | Area of Undetermined Flood Hazard <i>Zone D</i>  |
|                                    |  | Channel, Culvert, or Storm Sewer   |
|                                    |  | Levee, Dike, or Floodwall  |
| <b>OTHER FEATURES</b>              |  | 20.2 Cross Sections with 1% Annual Chance Water Surface Elevation  |
|                                    |  | 17.5 Water Surface Elevation   |
|                                    |  | Coastal Transect   |
|                                    |  | Base Flood Elevation Line (BFE)  |
|                                    |  | Limit of Study   |
|                                    |  | Jurisdiction Boundary  |
| <b>MAP PANELS</b>                  |  | Coastal Transect Baseline  |
|                                    |  | Profile Baseline   |
|                                    |  | Hydrographic Feature   |
|                                    |  | Digital Data Available   |
|                                    |  | No Digital Data Available  |
|                                    |  | Unmapped   |
- The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

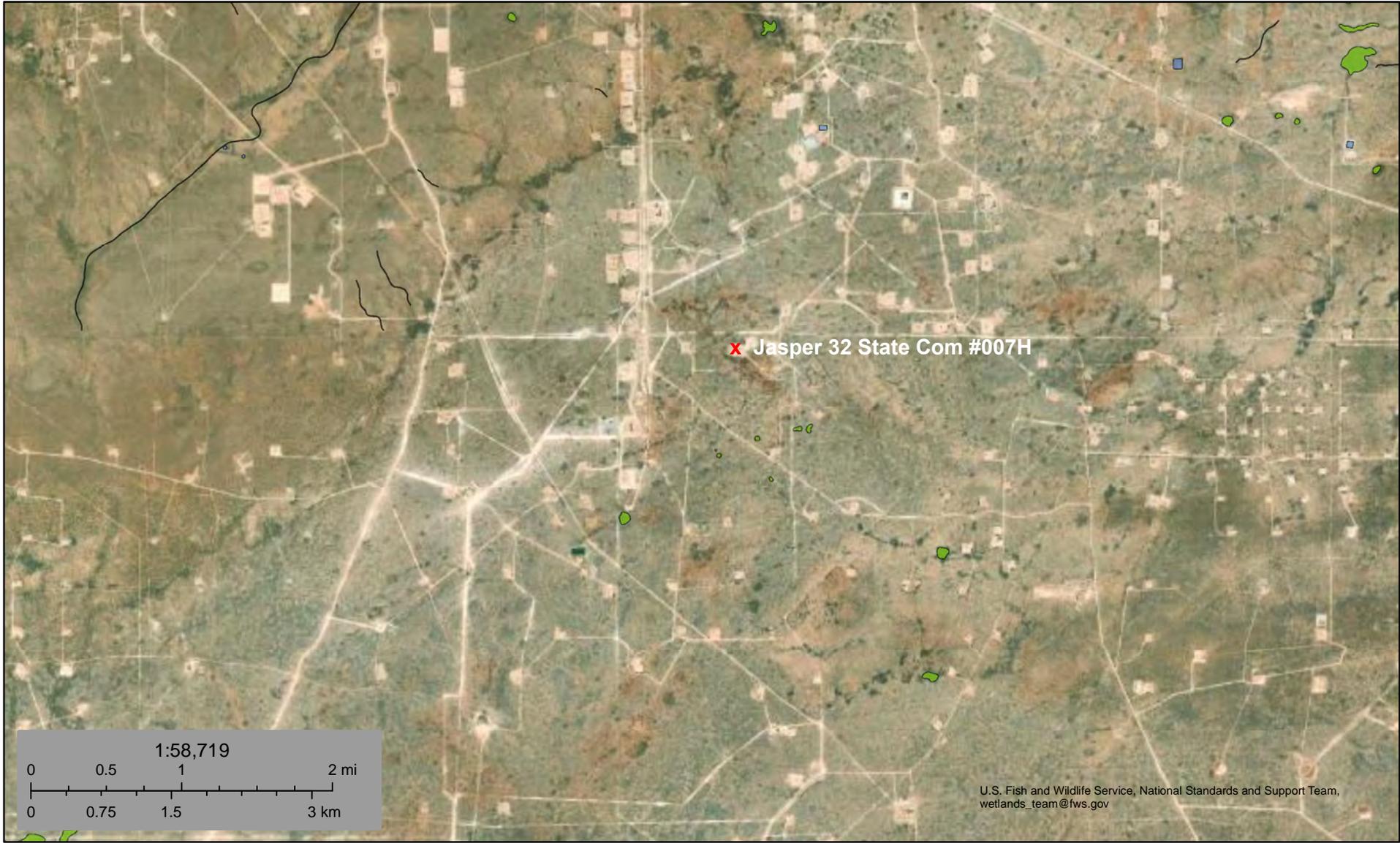
This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 4/12/2021 at 2:30 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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



# Wetlands Map



February 11, 2023

### Wetlands

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

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



Pima Environmental Services

**Appendix C**

C-141

48-Hour Notification

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

State of New Mexico  
Energy Minerals and Natural  
Resources Department

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

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

Incident ID	NAB1911934844
District RP	
Facility ID	
Application ID	

## Release Notification

### Responsible Party

Responsible Party	OGRID
Contact Name	Contact Telephone
Contact email	Incident # (assigned by OCD) NAB1911934844
Contact mailing address	

### Location of Release Source

Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Site Type
Date Release Discovered	API# (if applicable)

Unit Letter	Section	Township	Range	County

Surface Owner:  State  Federal  Tribal  Private (Name: \_\_\_\_\_)

### Nature and Volume of Release

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

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

State of New Mexico  
Oil Conservation Division

Incident ID	NAB1911934844
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 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

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

Incident ID	NAB1911934844
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?	____<50____ (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 checked="" type="checkbox"/> Yes <input 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	NAB1911934844
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: Dale Woodall Title: Environmental Professional

Signature: Dale Woodall Date: 5/18/2023

email: dale.woodall@dvn.com Telephone: 575-748-1839

**OCD Only**

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

Incident ID	NAB1911934844
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: Dale Woodall Title: Environmental Professional  
 Signature: *Dale Woodall* Date: 5/18/2023  
 email: dale.woodall@dvn.com Telephone: 575-748-1839

**OCD Only**

Received by: Jocelyn Harimon Date: 07/13/2023

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

Closure Approved by:  Date: 07/13/2023  
 Printed Name: Jocelyn Harimon Title: Environmental Specialist

**From:** [sebastian@pimaoil.com](mailto:sebastian@pimaoil.com)  
**To:** [ocdonline@state.nm.us](mailto:ocdonline@state.nm.us)  
**Cc:** [Polly@pimaoil.com](mailto:Polly@pimaoil.com); "Gio PimaOil"  
**Subject:** Jasper 32 State Com 7H (nAB1911934844) - 48 Hour Notification  
**Date:** Thursday, May 11, 2023 3:09:41 PM  
**Attachments:** [image001.png](#)

---

Good afternoon,

Pima Environmental would like to notify you that we will be conducting a confirmation sampling event at the Jasper 32 State Com 7H (nAB1911934844), on Sunday May 14, 2023. Pima personnel will be on location at 6:30 am. Thank you.

Respectfully,  
Sebastian Orozco  
Environmental Professional  
5614 N Lovington Hwy,  
Hobbs, NM 88240  
[Sebastian@pimaoil.com](mailto:Sebastian@pimaoil.com)  
619-721-4813 cell



Pima Environmental Services, LLC



Pima Environmental Services

**Appendix D**

Photographic Documentation



**SITE PHOTOGRAPHS  
PIMA ENVIRONMENTAL  
Devon Energy  
Jasper 32 State Com 7H**

**Assessment:**





**Excavation:**







**Post Excavation:**





Pima Environmental Services

**Appendix E**

Laboratory Reports



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

July 28, 2020

CHRIS JONES

PIMA ENVIROMENTAL

1601 N TURNER STE. 500

HOBBS, NM 88240

RE: JASPER 32 ST COM 4H

Enclosed are the results of analyses for samples received by the laboratory on 07/24/20 14:53.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](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,

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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: S-1 0"-6" (H001938-01)**

BTEX 8021B		mg/kg		Analyzed By: ms				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/27/2020	ND	1.87	93.6	2.00	0.789	
Toluene*	<0.050	0.050	07/27/2020	ND	1.95	97.5	2.00	0.669	
Ethylbenzene*	<0.050	0.050	07/27/2020	ND	1.95	97.3	2.00	0.266	
Total Xylenes*	<0.150	0.150	07/27/2020	ND	5.85	97.5	6.00	0.0172	
Total BTEX	<0.300	0.300	07/27/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 132 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	07/27/2020	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	52.2	50.0	07/27/2020	ND	203	102	200	0.965	
DRO >C10-C28*	16300	50.0	07/27/2020	ND	204	102	200	6.23	
EXT DRO >C28-C36	4010	50.0	07/27/2020	ND					

Surrogate: 1-Chlorooctane 105 % 44.3-144

Surrogate: 1-Chlorooctadecane 720 % 42.2-156

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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: S-2 0"-6" (H001938-02)**

BTEX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/27/2020	ND	1.87	93.6	2.00	0.789	
Toluene*	<0.050	0.050	07/27/2020	ND	1.95	97.5	2.00	0.669	
Ethylbenzene*	<0.050	0.050	07/27/2020	ND	1.95	97.3	2.00	0.266	
Total Xylenes*	<0.150	0.150	07/27/2020	ND	5.85	97.5	6.00	0.0172	
Total BTEX	<0.300	0.300	07/27/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>192</b>	16.0	07/27/2020	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<50.0	50.0	07/27/2020	ND	203	102	200	0.965		
<b>DRO &gt;C10-C28*</b>	<b>12000</b>	50.0	07/27/2020	ND	204	102	200	6.23		
<b>EXT DRO &gt;C28-C36</b>	<b>2810</b>	50.0	07/27/2020	ND						

Surrogate: 1-Chlorooctane 79.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 540 % 42.2-156

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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: S-2 1' (H001938-03)**

BTEX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/24/2020	ND	1.87	93.6	2.00	0.789	
Toluene*	<0.050	0.050	07/24/2020	ND	1.95	97.5	2.00	0.669	
Ethylbenzene*	<0.050	0.050	07/24/2020	ND	1.95	97.3	2.00	0.266	
Total Xylenes*	<0.150	0.150	07/24/2020	ND	5.85	97.5	6.00	0.0172	
Total BTEX	<0.300	0.300	07/24/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>32.0</b>	16.0	07/27/2020	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/27/2020	ND	203	102	200	0.965	
<b>DRO &gt;C10-C28*</b>	<b>342</b>	10.0	07/27/2020	ND	204	102	200	6.23	
<b>EXT DRO &gt;C28-C36</b>	<b>114</b>	10.0	07/27/2020	ND					

Surrogate: 1-Chlorooctane 80.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 103 % 42.2-156

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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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: S-2 2' (H001938-04)**

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	07/24/2020	ND	1.87	93.6	2.00	0.789	
Toluene*	<0.050	0.050	07/24/2020	ND	1.95	97.5	2.00	0.669	
Ethylbenzene*	<0.050	0.050	07/24/2020	ND	1.95	97.3	2.00	0.266	
Total Xylenes*	<0.150	0.150	07/24/2020	ND	5.85	97.5	6.00	0.0172	
Total BTEX	<0.300	0.300	07/24/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>16.0</b>	16.0	07/27/2020	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/27/2020	ND	203	102	200	0.965	
<b>DRO &gt;C10-C28*</b>	<b>117</b>	10.0	07/27/2020	ND	204	102	200	6.23	
<b>EXT DRO &gt;C28-C36</b>	<b>25.7</b>	10.0	07/27/2020	ND					

Surrogate: 1-Chlorooctane 82.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 91.2 % 42.2-156

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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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: S-2 3' (H001938-05)**

BTEX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/24/2020	ND	1.87	93.6	2.00	0.789	
Toluene*	<0.050	0.050	07/24/2020	ND	1.95	97.5	2.00	0.669	
Ethylbenzene*	<0.050	0.050	07/24/2020	ND	1.95	97.3	2.00	0.266	
Total Xylenes*	<0.150	0.150	07/24/2020	ND	5.85	97.5	6.00	0.0172	
Total BTEX	<0.300	0.300	07/24/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 73.3-129

Chloride, SM4500Cl-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	07/27/2020	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/27/2020	ND	203	102	200	0.965	
DRO >C10-C28*	<10.0	10.0	07/27/2020	ND	204	102	200	6.23	
EXT DRO >C28-C36	<10.0	10.0	07/27/2020	ND					

Surrogate: 1-Chlorooctane 75.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 79.6 % 42.2-156

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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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: S-3 0" - 6" (H001938-06)**

BTEX 8021B		mg/kg		Analyzed By: ms					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/24/2020	ND	1.87	93.6	2.00	0.789		
Toluene*	<0.050	0.050	07/24/2020	ND	1.95	97.5	2.00	0.669		
Ethylbenzene*	<0.050	0.050	07/24/2020	ND	1.95	97.3	2.00	0.266		
<b>Total Xylenes*</b>	<b>0.360</b>	0.150	07/24/2020	ND	5.85	97.5	6.00	0.0172		
<b>Total BTEX</b>	<b>0.360</b>	0.300	07/24/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 181 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>80.0</b>	16.0	07/27/2020	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10*</b>	<b>66.2</b>	10.0	07/27/2020	ND	203	102	200	0.965		
<b>DRO &gt;C10-C28*</b>	<b>6360</b>	10.0	07/27/2020	ND	204	102	200	6.23		
<b>EXT DRO &gt;C28-C36</b>	<b>1400</b>	10.0	07/27/2020	ND						

Surrogate: 1-Chlorooctane 97.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 335 % 42.2-156

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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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: S-4 0" - 6" (H001938-07)**

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	07/27/2020	ND	1.84	91.9	2.00	3.75	
Toluene*	<0.050	0.050	07/27/2020	ND	1.86	93.0	2.00	3.90	
Ethylbenzene*	<0.050	0.050	07/27/2020	ND	1.89	94.7	2.00	3.58	
Total Xylenes*	<0.150	0.150	07/27/2020	ND	5.45	90.9	6.00	3.63	
Total BTEX	<0.300	0.300	07/27/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.0 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>32.0</b>	16.0	07/27/2020	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/27/2020	ND	203	102	200	0.965	
<b>DRO &gt;C10-C28*</b>	<b>10.9</b>	10.0	07/27/2020	ND	204	102	200	6.23	
EXT DRO >C28-C36	<10.0	10.0	07/27/2020	ND					

Surrogate: 1-Chlorooctane 81.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 85.7 % 42.2-156

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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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: S-5 0" - 6" (H001938-08)**

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	07/27/2020	ND	1.84	91.9	2.00	3.75		
Toluene*	<0.050	0.050	07/27/2020	ND	1.86	93.0	2.00	3.90		
Ethylbenzene*	<0.050	0.050	07/27/2020	ND	1.89	94.7	2.00	3.58		
Total Xylenes*	<0.150	0.150	07/27/2020	ND	5.45	90.9	6.00	3.63		
Total BTEX	<0.300	0.300	07/27/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>4320</b>	16.0	07/27/2020	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS							S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10*	<10.0	10.0	07/27/2020	ND	203	102	200	0.965			
<b>DRO &gt;C10-C28*</b>	<b>3350</b>	10.0	07/27/2020	ND	204	102	200	6.23			
<b>EXT DRO &gt;C28-C36</b>	<b>763</b>	10.0	07/27/2020	ND							

Surrogate: 1-Chlorooctane 81.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 207 % 42.2-156

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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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: S-5 1' (H001938-09)**

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	07/27/2020	ND	1.84	91.9	2.00	3.75	
Toluene*	<0.050	0.050	07/27/2020	ND	1.86	93.0	2.00	3.90	
Ethylbenzene*	<0.050	0.050	07/27/2020	ND	1.89	94.7	2.00	3.58	
Total Xylenes*	<0.150	0.150	07/27/2020	ND	5.45	90.9	6.00	3.63	
Total BTEX	<0.300	0.300	07/27/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>304</b>	16.0	07/27/2020	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/27/2020	ND	203	102	200	0.965	
<b>DRO &gt;C10-C28*</b>	<b>85.4</b>	10.0	07/27/2020	ND	204	102	200	6.23	
<b>EXT DRO &gt;C28-C36</b>	<b>16.3</b>	10.0	07/27/2020	ND					

Surrogate: 1-Chlorooctane 78.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 87.2 % 42.2-156

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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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: S-6 0" - 6" (H001938-10)**

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	07/27/2020	ND	1.84	91.9	2.00	3.75	
Toluene*	<0.050	0.050	07/27/2020	ND	1.86	93.0	2.00	3.90	
Ethylbenzene*	<0.050	0.050	07/27/2020	ND	1.89	94.7	2.00	3.58	
Total Xylenes*	<0.150	0.150	07/27/2020	ND	5.45	90.9	6.00	3.63	
Total BTEX	<0.300	0.300	07/27/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>12000</b>	16.0	07/27/2020	ND	400	100	400	0.00	QM-07

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<50.0	50.0	07/27/2020	ND	203	102	200	0.965		
<b>DRO &gt;C10-C28*</b>	<b>8540</b>	50.0	07/27/2020	ND	204	102	200	6.23		
<b>EXT DRO &gt;C28-C36</b>	<b>1970</b>	50.0	07/27/2020	ND						

Surrogate: 1-Chlorooctane 83.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 410 % 42.2-156

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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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: S-6 1' (H001938-11)**

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	07/27/2020	ND	1.84	91.9	2.00	3.75	
Toluene*	<0.050	0.050	07/27/2020	ND	1.86	93.0	2.00	3.90	
Ethylbenzene*	<0.050	0.050	07/27/2020	ND	1.89	94.7	2.00	3.58	
Total Xylenes*	<0.150	0.150	07/27/2020	ND	5.45	90.9	6.00	3.63	
Total BTEX	<0.300	0.300	07/27/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>576</b>	16.0	07/27/2020	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/27/2020	ND	203	102	200	0.965	
<b>DRO &gt;C10-C28*</b>	<b>126</b>	10.0	07/27/2020	ND	204	102	200	6.23	
<b>EXT DRO &gt;C28-C36</b>	<b>55.1</b>	10.0	07/27/2020	ND					

Surrogate: 1-Chlorooctane 79.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 88.7 % 42.2-156

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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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: S-6 2' (H001938-12)**

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	07/27/2020	ND	1.84	91.9	2.00	3.75	
Toluene*	<0.050	0.050	07/27/2020	ND	1.86	93.0	2.00	3.90	
Ethylbenzene*	<0.050	0.050	07/27/2020	ND	1.89	94.7	2.00	3.58	
Total Xylenes*	<0.150	0.150	07/27/2020	ND	5.45	90.9	6.00	3.63	
Total BTEX	<0.300	0.300	07/27/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>352</b>	16.0	07/27/2020	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/27/2020	ND	203	102	200	0.965	
<b>DRO &gt;C10-C28*</b>	<b>97.5</b>	10.0	07/27/2020	ND	204	102	200	6.23	
<b>EXT DRO &gt;C28-C36</b>	<b>24.1</b>	10.0	07/27/2020	ND					

Surrogate: 1-Chlorooctane 79.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 89.7 % 42.2-156

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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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: S-6 3' (H001938-13)**

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	07/27/2020	ND	1.84	91.9	2.00	3.75	
Toluene*	<0.050	0.050	07/27/2020	ND	1.86	93.0	2.00	3.90	
Ethylbenzene*	<0.050	0.050	07/27/2020	ND	1.89	94.7	2.00	3.58	
Total Xylenes*	<0.150	0.150	07/27/2020	ND	5.45	90.9	6.00	3.63	
Total BTEX	<0.300	0.300	07/27/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>400</b>	16.0	07/27/2020	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/27/2020	ND	203	102	200	0.965	
<b>DRO &gt;C10-C28*</b>	<b>94.6</b>	10.0	07/27/2020	ND	204	102	200	6.23	
<b>EXT DRO &gt;C28-C36</b>	<b>17.5</b>	10.0	07/27/2020	ND					

Surrogate: 1-Chlorooctane 78.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 86.2 % 42.2-156

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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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: S-7 0" - 6" (H001938-14)**

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	07/27/2020	ND	1.84	91.9	2.00	3.75		
Toluene*	<0.050	0.050	07/27/2020	ND	1.86	93.0	2.00	3.90		
Ethylbenzene*	<0.050	0.050	07/27/2020	ND	1.89	94.7	2.00	3.58		
Total Xylenes*	<0.150	0.150	07/27/2020	ND	5.45	90.9	6.00	3.63		
Total BTEX	<0.300	0.300	07/27/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>1540</b>	16.0	07/27/2020	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS							S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10*	<10.0	10.0	07/27/2020	ND	203	102	200	0.965			
<b>DRO &gt;C10-C28*</b>	<b>2260</b>	10.0	07/27/2020	ND	204	102	200	6.23			
<b>EXT DRO &gt;C28-C36</b>	<b>526</b>	10.0	07/27/2020	ND							

Surrogate: 1-Chlorooctane 76.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 163 % 42.2-156

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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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: S-7 1' (H001938-15)**

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	07/27/2020	ND	1.84	91.9	2.00	3.75		
Toluene*	<0.050	0.050	07/27/2020	ND	1.86	93.0	2.00	3.90		
Ethylbenzene*	<0.050	0.050	07/27/2020	ND	1.89	94.7	2.00	3.58		
Total Xylenes*	<0.150	0.150	07/27/2020	ND	5.45	90.9	6.00	3.63		
Total BTEX	<0.300	0.300	07/27/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	752	16.0	07/27/2020	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/27/2020	ND	203	102	200	0.965		
DRO >C10-C28*	338	10.0	07/27/2020	ND	204	102	200	6.23		
EXT DRO >C28-C36	99.9	10.0	07/27/2020	ND						

Surrogate: 1-Chlorooctane 78.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 101 % 42.2-156

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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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: S-8 0" - 6" (H001938-16)**

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	07/27/2020	ND	1.84	91.9	2.00	3.75	
Toluene*	<0.050	0.050	07/27/2020	ND	1.86	93.0	2.00	3.90	
Ethylbenzene*	<0.050	0.050	07/27/2020	ND	1.89	94.7	2.00	3.58	
Total Xylenes*	<0.150	0.150	07/27/2020	ND	5.45	90.9	6.00	3.63	
Total BTEX	<0.300	0.300	07/27/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>112</b>	16.0	07/27/2020	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<50.0	50.0	07/27/2020	ND	203	102	200	0.965		
<b>DRO &gt;C10-C28*</b>	<b>15500</b>	50.0	07/27/2020	ND	204	102	200	6.23		
<b>EXT DRO &gt;C28-C36</b>	<b>3280</b>	50.0	07/27/2020	ND						

Surrogate: 1-Chlorooctane 86.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 761 % 42.2-156

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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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: S-9 0" - 6" (H001938-17)**

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	07/27/2020	ND	1.84	91.9	2.00	3.75		
Toluene*	<0.050	0.050	07/27/2020	ND	1.86	93.0	2.00	3.90		
Ethylbenzene*	<0.050	0.050	07/27/2020	ND	1.89	94.7	2.00	3.58		
Total Xylenes*	<0.150	0.150	07/27/2020	ND	5.45	90.9	6.00	3.63		
Total BTEX	<0.300	0.300	07/27/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>80.0</b>	16.0	07/27/2020	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/27/2020	ND	203	102	200	0.965		
<b>DRO &gt;C10-C28*</b>	<b>113</b>	10.0	07/27/2020	ND	204	102	200	6.23		
<b>EXT DRO &gt;C28-C36</b>	<b>59.3</b>	10.0	07/27/2020	ND						

Surrogate: 1-Chlorooctane 81.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 88.1 % 42.2-156

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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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: S-9 1' (H001938-18)**

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	07/27/2020	ND	1.84	91.9	2.00	3.75		
Toluene*	<0.050	0.050	07/27/2020	ND	1.86	93.0	2.00	3.90		
Ethylbenzene*	<0.050	0.050	07/27/2020	ND	1.89	94.7	2.00	3.58		
Total Xylenes*	<0.150	0.150	07/27/2020	ND	5.45	90.9	6.00	3.63		
Total BTEX	<0.300	0.300	07/27/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>48.0</b>	16.0	07/27/2020	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/27/2020	ND	203	102	200	0.965		
DRO >C10-C28*	<10.0	10.0	07/27/2020	ND	204	102	200	6.23		
EXT DRO >C28-C36	<10.0	10.0	07/27/2020	ND						

Surrogate: 1-Chlorooctane 78.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 81.8 % 42.2-156

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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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: S-9 2' (H001938-19)**

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	07/27/2020	ND	1.84	91.9	2.00	3.75	
Toluene*	<0.050	0.050	07/27/2020	ND	1.86	93.0	2.00	3.90	
Ethylbenzene*	<0.050	0.050	07/27/2020	ND	1.89	94.7	2.00	3.58	
Total Xylenes*	<0.150	0.150	07/27/2020	ND	5.45	90.9	6.00	3.63	
Total BTEX	<0.300	0.300	07/27/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>48.0</b>	16.0	07/27/2020	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2020	ND	212	106	200	4.68	
DRO >C10-C28*	<10.0	10.0	07/28/2020	ND	256	128	200	16.9	
EXT DRO >C28-C36	<10.0	10.0	07/28/2020	ND					

Surrogate: 1-Chlorooctane 79.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 82.8 % 42.2-156

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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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: S-9 3' (H001938-20)**

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	07/27/2020	ND	1.84	91.9	2.00	3.75	
Toluene*	<0.050	0.050	07/27/2020	ND	1.86	93.0	2.00	3.90	
Ethylbenzene*	<0.050	0.050	07/27/2020	ND	1.89	94.7	2.00	3.58	
Total Xylenes*	<0.150	0.150	07/27/2020	ND	5.45	90.9	6.00	3.63	
Total BTEX	<0.300	0.300	07/27/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>48.0</b>	16.0	07/27/2020	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2020	ND	212	106	200	4.68	
DRO >C10-C28*	<10.0	10.0	07/28/2020	ND	256	128	200	16.9	
EXT DRO >C28-C36	<10.0	10.0	07/28/2020	ND					

Surrogate: 1-Chlorooctane 81.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 85.6 % 42.2-156

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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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: S-10 0" - 6" (H001938-21)**

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	07/27/2020	ND	1.84	91.9	2.00	3.75	
Toluene*	<0.050	0.050	07/27/2020	ND	1.86	93.0	2.00	3.90	
Ethylbenzene*	<0.050	0.050	07/27/2020	ND	1.89	94.7	2.00	3.58	
Total Xylenes*	<0.150	0.150	07/27/2020	ND	5.45	90.9	6.00	3.63	
Total BTEX	<0.300	0.300	07/27/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.0 % 73.3-129

Chloride, SM4500Cl-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	07/27/2020	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2020	ND	212	106	200	4.68	
DRO >C10-C28*	<10.0	10.0	07/28/2020	ND	256	128	200	16.9	
EXT DRO >C28-C36	<10.0	10.0	07/28/2020	ND					

Surrogate: 1-Chlorooctane 80.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 84.7 % 42.2-156

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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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: S-10 1' (H001938-22)**

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	07/27/2020	ND	1.84	91.9	2.00	3.75		
Toluene*	<0.050	0.050	07/27/2020	ND	1.86	93.0	2.00	3.90		
Ethylbenzene*	<0.050	0.050	07/27/2020	ND	1.89	94.7	2.00	3.58		
Total Xylenes*	<0.150	0.150	07/27/2020	ND	5.45	90.9	6.00	3.63		
Total BTEX	<0.300	0.300	07/27/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 73.3-129

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	07/27/2020	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/28/2020	ND	212	106	200	4.68		
DRO >C10-C28*	<10.0	10.0	07/28/2020	ND	256	128	200	16.9		
EXT DRO >C28-C36	<10.0	10.0	07/28/2020	ND						

Surrogate: 1-Chlorooctane 81.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 84.7 % 42.2-156

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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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: S-10 2' (H001938-23)**

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	07/27/2020	ND	1.84	91.9	2.00	3.75		
Toluene*	<0.050	0.050	07/27/2020	ND	1.86	93.0	2.00	3.90		
Ethylbenzene*	<0.050	0.050	07/27/2020	ND	1.89	94.7	2.00	3.58		
Total Xylenes*	<0.150	0.150	07/27/2020	ND	5.45	90.9	6.00	3.63		
Total BTEX	<0.300	0.300	07/27/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 73.3-129

Chloride, SM4500Cl-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	07/27/2020	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/28/2020	ND	212	106	200	4.68		
DRO >C10-C28*	<10.0	10.0	07/28/2020	ND	256	128	200	16.9		
EXT DRO >C28-C36	<10.0	10.0	07/28/2020	ND						

Surrogate: 1-Chlorooctane 80.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 83.7 % 42.2-156

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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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: S-10 3' (H001938-24)**

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	07/27/2020	ND	1.84	91.9	2.00	3.75	
Toluene*	<0.050	0.050	07/27/2020	ND	1.86	93.0	2.00	3.90	
Ethylbenzene*	<0.050	0.050	07/27/2020	ND	1.89	94.7	2.00	3.58	
Total Xylenes*	<0.150	0.150	07/27/2020	ND	5.45	90.9	6.00	3.63	
Total BTEX	<0.300	0.300	07/27/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.3 % 73.3-129

Chloride, SM4500Cl-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	07/27/2020	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2020	ND	212	106	200	4.68	
DRO >C10-C28*	<10.0	10.0	07/28/2020	ND	256	128	200	16.9	
EXT DRO >C28-C36	<10.0	10.0	07/28/2020	ND					

Surrogate: 1-Chlorooctane 81.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 85.4 % 42.2-156

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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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: S-11 0" - 6" (H001938-25)**

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	07/27/2020	ND	1.84	91.9	2.00	3.75	
Toluene*	<0.050	0.050	07/27/2020	ND	1.86	93.0	2.00	3.90	
Ethylbenzene*	<0.050	0.050	07/27/2020	ND	1.89	94.7	2.00	3.58	
Total Xylenes*	<0.150	0.150	07/27/2020	ND	5.45	90.9	6.00	3.63	
Total BTEX	<0.300	0.300	07/27/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 73.3-129

Chloride, SM4500Cl-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	07/27/2020	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2020	ND	212	106	200	4.68	
DRO >C10-C28*	<10.0	10.0	07/28/2020	ND	256	128	200	16.9	
EXT DRO >C28-C36	<10.0	10.0	07/28/2020	ND					

Surrogate: 1-Chlorooctane 80.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 84.5 % 42.2-156

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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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: S-12 0" - 6" (H001938-26)**

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	07/27/2020	ND	1.84	91.9	2.00	3.75	
Toluene*	<0.050	0.050	07/27/2020	ND	1.86	93.0	2.00	3.90	
Ethylbenzene*	<0.050	0.050	07/27/2020	ND	1.89	94.7	2.00	3.58	
Total Xylenes*	<0.150	0.150	07/27/2020	ND	5.45	90.9	6.00	3.63	
Total BTEX	<0.300	0.300	07/27/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/27/2020	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2020	ND	212	106	200	4.68	
DRO >C10-C28*	<10.0	10.0	07/28/2020	ND	256	128	200	16.9	
EXT DRO >C28-C36	<10.0	10.0	07/28/2020	ND					

Surrogate: 1-Chlorooctane 82.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 84.8 % 42.2-156

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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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: S-12 1' (H001938-27)**

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	07/27/2020	ND	1.79	89.7	2.00	8.74	
Toluene*	<0.050	0.050	07/27/2020	ND	1.80	90.2	2.00	9.02	
Ethylbenzene*	<0.050	0.050	07/27/2020	ND	1.82	91.1	2.00	8.36	
Total Xylenes*	<0.150	0.150	07/27/2020	ND	5.23	87.2	6.00	8.33	
Total BTEX	<0.300	0.300	07/27/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 73.3-129

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	07/27/2020	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2020	ND	212	106	200	4.68	
DRO >C10-C28*	<10.0	10.0	07/28/2020	ND	256	128	200	16.9	
EXT DRO >C28-C36	<10.0	10.0	07/28/2020	ND					

Surrogate: 1-Chlorooctane 80.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 83.5 % 42.2-156

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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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: S-12 2' (H001938-28)**

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	07/27/2020	ND	1.79	89.7	2.00	8.74		
Toluene*	<0.050	0.050	07/27/2020	ND	1.80	90.2	2.00	9.02		
Ethylbenzene*	<0.050	0.050	07/27/2020	ND	1.82	91.1	2.00	8.36		
Total Xylenes*	<0.150	0.150	07/27/2020	ND	5.23	87.2	6.00	8.33		
Total BTEX	<0.300	0.300	07/27/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	07/27/2020	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/28/2020	ND	212	106	200	4.68		
DRO >C10-C28*	<10.0	10.0	07/28/2020	ND	256	128	200	16.9		
EXT DRO >C28-C36	<10.0	10.0	07/28/2020	ND						

Surrogate: 1-Chlorooctane 77.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 80.2 % 42.2-156

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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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: BG-1 (H001938-29)**

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	07/27/2020	ND	1.79	89.7	2.00	8.74	
Toluene*	<0.050	0.050	07/27/2020	ND	1.80	90.2	2.00	9.02	
Ethylbenzene*	<0.050	0.050	07/27/2020	ND	1.82	91.1	2.00	8.36	
Total Xylenes*	<0.150	0.150	07/27/2020	ND	5.23	87.2	6.00	8.33	
Total BTEX	<0.300	0.300	07/27/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 73.3-129

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	07/27/2020	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2020	ND	212	106	200	4.68	
DRO >C10-C28*	68.8	10.0	07/28/2020	ND	256	128	200	16.9	
EXT DRO >C28-C36	27.4	10.0	07/28/2020	ND					

Surrogate: 1-Chlorooctane 76.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 84.2 % 42.2-156

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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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: BG-2 (H001938-30)**

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	07/27/2020	ND	1.79	89.7	2.00	8.74	
Toluene*	<0.050	0.050	07/27/2020	ND	1.80	90.2	2.00	9.02	
Ethylbenzene*	<0.050	0.050	07/27/2020	ND	1.82	91.1	2.00	8.36	
Total Xylenes*	<0.150	0.150	07/27/2020	ND	5.23	87.2	6.00	8.33	
Total BTEX	<0.300	0.300	07/27/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/27/2020	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2020	ND	212	106	200	4.68	
DRO >C10-C28*	<10.0	10.0	07/28/2020	ND	256	128	200	16.9	
EXT DRO >C28-C36	<10.0	10.0	07/28/2020	ND					

Surrogate: 1-Chlorooctane 77.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 82.2 % 42.2-156

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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: BG-3 (H001938-31)**

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	07/27/2020	ND	1.79	89.7	2.00	8.74	
Toluene*	<0.050	0.050	07/27/2020	ND	1.80	90.2	2.00	9.02	
Ethylbenzene*	<0.050	0.050	07/27/2020	ND	1.82	91.1	2.00	8.36	
Total Xylenes*	<0.150	0.150	07/27/2020	ND	5.23	87.2	6.00	8.33	
Total BTEX	<0.300	0.300	07/27/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	07/27/2020	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2020	ND	208	104	200	0.448	
DRO >C10-C28*	862	10.0	07/28/2020	ND	200	99.8	200	1.20	
EXT DRO >C28-C36	206	10.0	07/28/2020	ND					

Surrogate: 1-Chlorooctane 73.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 113 % 42.2-156

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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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: BG-4 (H001938-32)**

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	07/27/2020	ND	1.79	89.7	2.00	8.74	
Toluene*	<0.050	0.050	07/27/2020	ND	1.80	90.2	2.00	9.02	
Ethylbenzene*	<0.050	0.050	07/27/2020	ND	1.82	91.1	2.00	8.36	
Total Xylenes*	<0.150	0.150	07/27/2020	ND	5.23	87.2	6.00	8.33	
Total BTEX	<0.300	0.300	07/27/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 73.3-129

Chloride, SM4500Cl-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	07/27/2020	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2020	ND	208	104	200	0.448	
DRO >C10-C28*	15.1	10.0	07/28/2020	ND	200	99.8	200	1.20	
EXT DRO >C28-C36	12.7	10.0	07/28/2020	ND					

Surrogate: 1-Chlorooctane 77.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 83.0 % 42.2-156

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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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: BG-5 (H001938-33)**

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	07/27/2020	ND	1.79	89.7	2.00	8.74	
Toluene*	<0.050	0.050	07/27/2020	ND	1.80	90.2	2.00	9.02	
Ethylbenzene*	<0.050	0.050	07/27/2020	ND	1.82	91.1	2.00	8.36	
Total Xylenes*	<0.150	0.150	07/27/2020	ND	5.23	87.2	6.00	8.33	
Total BTEX	<0.300	0.300	07/27/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 73.3-129

Chloride, SM4500Cl-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	07/27/2020	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2020	ND	208	104	200	0.448	
DRO >C10-C28*	<10.0	10.0	07/28/2020	ND	200	99.8	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	07/28/2020	ND					

Surrogate: 1-Chlorooctane 79.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 82.0 % 42.2-156

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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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: BG-6 (H001938-34)**

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	07/27/2020	ND	1.79	89.7	2.00	8.74	
Toluene*	<0.050	0.050	07/27/2020	ND	1.80	90.2	2.00	9.02	
Ethylbenzene*	<0.050	0.050	07/27/2020	ND	1.82	91.1	2.00	8.36	
Total Xylenes*	<0.150	0.150	07/27/2020	ND	5.23	87.2	6.00	8.33	
Total BTEX	<0.300	0.300	07/27/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 73.3-129

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	07/27/2020	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2020	ND	208	104	200	0.448	
DRO >C10-C28*	<10.0	10.0	07/28/2020	ND	200	99.8	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	07/28/2020	ND					

Surrogate: 1-Chlorooctane 82.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 86.3 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
\*\* Samples not received at proper temperature of 6°C or below.
\*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

Company Name: <u>Rama Environmental</u> Project Manager: <u>Chris Jones</u> Address: <u>1601 N. Turner Ste 520</u> City: <u>Hobbs</u> State: <u>NM</u> Zip: <u>58240</u> Phone #: <u>575-631-6977</u> Fax #: _____ Project #: <u>2081687-520</u> Project Owner: <u>Devon</u> Project Name: <u>Jasper 32 St Cam 4H</u> Project Location: <u>3260 35th, -104.091290</u> Sampler Name: <u>Mark Newcomb</u>		P.O. #: _____ Company: _____ Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
FOR LAB USE ONLY Lab I.D. <u>H001937</u> Sample I.D. _____		<b>BILL TO</b>	
(G)RAB OR (C)OMP. _____ # CONTAINERS _____ MATRIX: GROUNDWATER _____ WASTEWATER _____ SOIL _____ OIL _____ SLUDGE _____ PRESERV: ACID/BASE: _____ ICE / COOL _____ OTHER: _____ SAMPLING: DATE _____ TIME _____		<b>ANALYSIS REQUEST</b>	
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 the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 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, out of or related to the performance of services hereunder for Cardinal, regardless of whether such claim is based upon any of the above stated causes or otherwise.		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: _____ All Results are emailed. Please provide Email address: _____	
Relinquished By: _____ Date: <u>7/12/10</u> Time: <u>14:53</u>		Received By: <u>WOMME Muniz</u>	
Delivered By: (Circle One) _____ Observed Temp. °C _____ Corrected Temp. °C <u>5.5</u>		Checked By: (Initials) <u>ym</u> Turaround Time: _____ Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Bacteria (only) <input type="checkbox"/> Sample Condition <input type="checkbox"/> Cool Infract <input type="checkbox"/> Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Corrected Temp. °C <input type="checkbox"/>	
Sampler - UPS - Bus - Other: _____ Corrected Temp. °C <u>5.5</u>		Remarks: <u>Bill to Devon</u>	

† Cardinal cannot accept verbal changes. Please email changes to celay.keeene@cardinallabsnm.com



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>Prime Environmental</u> Project Manager: <u>Chris Jones</u> Address: <u>1601 N. Turner Ste 500</u> City: <u>Hobbs</u> State: <u>NM</u> Zip: <u>58240</u> Phone #: <u>575-631-6977</u> Fax #: _____ Project #: <u>20868750</u> Project Owner: <u>Devon</u> Project Name: <u>Tasper 33 St on 4H</u> Project Location: <u>33.623526, -104.211290</u> Sampler Name: <u>Mark Newcomb</u>		P.O. #: _____ Company: _____ Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
FOR LAB USE ONLY Lab I.D.      Sample I.D.		(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	
Matrix: _____ Preserv: _____ Sampling: _____		DATE      TIME 7/25/20      9:20 9:22 9:24 9:26 9:28 9:30 9:32 9:34 9:36 9:38	
Analytes: All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 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 in part or in whole, or related to the performance of services hereunder for Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.		ANALYSIS REQUEST	
Relinquished By: _____ Date: <u>7/24/20</u> Time: <u>1453</u>		Received By: <u>Yvonne Muniz</u> Date: _____ Time: _____	
Delivered By: (Circle One) UPS - Bus - Other: _____ Observed Temp. °C: _____ Corrected Temp. °C: <u>5.5</u>		Sample Condition CHECKED BY: _____ (Initials) Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Bacteria (only) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Sample Condition Observed Temp. °C: _____ Corrected Temp. °C: _____	
Turnaround Time: _____ Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: _____ All Results are emailed. Please provide Email address: _____ REMARKS: <u>Bill to Devon</u>	

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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 24, 2020

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

RE: Jasper 32 St Com 7H

OrderNo.: 2007898

Dear Chris Jones:

Hall Environmental Analysis Laboratory received 24 sample(s) on 7/17/2020 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](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 white background.

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

**Analytical Report**

Lab Order **2007898**

Date Reported: 7/24/2020

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Pima Environmental Services LLC

**Client Sample ID:** BG1

**Project:** Jasper 32 St Com 7H

**Collection Date:** 7/15/2020

**Lab ID:** 2007898-001

**Matrix:** SOIL

**Received Date:** 7/17/2020 11:10:00 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	9.3		mg/Kg	1	7/22/2020 5:05:27 PM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	7/22/2020 5:05:27 PM
Surr: DNOP	90.9	55.1-146		%Rec	1	7/22/2020 5:05:27 PM
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/20/2020 10:39:30 PM
Surr: BFB	84.6	66.6-105		%Rec	1	7/20/2020 10:39:30 PM
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: <b>NSB</b>
Benzene	ND	0.025		mg/Kg	1	7/20/2020 10:39:30 PM
Toluene	ND	0.049		mg/Kg	1	7/20/2020 10:39:30 PM
Ethylbenzene	ND	0.049		mg/Kg	1	7/20/2020 10:39:30 PM
Xylenes, Total	ND	0.098		mg/Kg	1	7/20/2020 10:39:30 PM
Surr: 4-Bromofluorobenzene	104	80-120		%Rec	1	7/20/2020 10:39:30 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>MRA</b>
Chloride	ND	60		mg/Kg	20	7/21/2020 7:37:21 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	

**Analytical Report**

Lab Order **2007898**

Date Reported: 7/24/2020

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Pima Environmental Services LLC

**Client Sample ID:** BG2

**Project:** Jasper 32 St Com 7H

**Collection Date:** 7/15/2020

**Lab ID:** 2007898-002

**Matrix:** SOIL

**Received Date:** 7/17/2020 11:10:00 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	9.3		mg/Kg	1	7/22/2020 5:35:16 PM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	7/22/2020 5:35:16 PM
Surr: DNOP	69.2	55.1-146		%Rec	1	7/22/2020 5:35:16 PM
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/20/2020 11:02:59 PM
Surr: BFB	86.3	66.6-105		%Rec	1	7/20/2020 11:02:59 PM
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: <b>NSB</b>
Benzene	ND	0.024		mg/Kg	1	7/20/2020 11:02:59 PM
Toluene	ND	0.049		mg/Kg	1	7/20/2020 11:02:59 PM
Ethylbenzene	ND	0.049		mg/Kg	1	7/20/2020 11:02:59 PM
Xylenes, Total	ND	0.098		mg/Kg	1	7/20/2020 11:02:59 PM
Surr: 4-Bromofluorobenzene	105	80-120		%Rec	1	7/20/2020 11:02:59 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>MRA</b>
Chloride	ND	60		mg/Kg	20	7/21/2020 8:14:35 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	

**Analytical Report**

Lab Order **2007898**

Date Reported: 7/24/2020

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Pima Environmental Services LLC

**Client Sample ID:** BG3

**Project:** Jasper 32 St Com 7H

**Collection Date:** 7/15/2020

**Lab ID:** 2007898-003

**Matrix:** SOIL

**Received Date:** 7/17/2020 11:10:00 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	9.1		mg/Kg	1	7/22/2020 5:45:22 PM
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	7/22/2020 5:45:22 PM
Surr: DNOP	79.1	55.1-146		%Rec	1	7/22/2020 5:45:22 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>MRA</b>
Chloride	ND	60		mg/Kg	20	7/21/2020 8:26:59 PM
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>						Analyst: <b>JMR</b>
Benzene	ND	0.025		mg/Kg	1	7/20/2020 2:51:56 PM
Toluene	ND	0.050		mg/Kg	1	7/20/2020 2:51:56 PM
Ethylbenzene	ND	0.050		mg/Kg	1	7/20/2020 2:51:56 PM
Xylenes, Total	ND	0.10		mg/Kg	1	7/20/2020 2:51:56 PM
Surr: 1,2-Dichloroethane-d4	104	70-130		%Rec	1	7/20/2020 2:51:56 PM
Surr: 4-Bromofluorobenzene	95.0	70-130		%Rec	1	7/20/2020 2:51:56 PM
Surr: Dibromofluoromethane	109	70-130		%Rec	1	7/20/2020 2:51:56 PM
Surr: Toluene-d8	99.5	70-130		%Rec	1	7/20/2020 2:51:56 PM
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>						Analyst: <b>JMR</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/20/2020 2:51:56 PM
Surr: BFB	94.8	70-130		%Rec	1	7/20/2020 2:51:56 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	

**Analytical Report**

Lab Order **2007898**

Date Reported: 7/24/2020

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Pima Environmental Services LLC

**Client Sample ID:** S1-0-6"

**Project:** Jasper 32 St Com 7H

**Collection Date:** 7/15/2020

**Lab ID:** 2007898-004

**Matrix:** SOIL

**Received Date:** 7/17/2020 11:10:00 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	9.8		mg/Kg	1	7/22/2020 5:55:28 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/22/2020 5:55:28 PM
Surr: DNOP	100	55.1-146		%Rec	1	7/22/2020 5:55:28 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>MRA</b>
Chloride	580	60		mg/Kg	20	7/21/2020 8:39:23 PM
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>						Analyst: <b>JMR</b>
Benzene	ND	0.025		mg/Kg	1	7/20/2020 4:18:03 PM
Toluene	ND	0.050		mg/Kg	1	7/20/2020 4:18:03 PM
Ethylbenzene	ND	0.050		mg/Kg	1	7/20/2020 4:18:03 PM
Xylenes, Total	ND	0.10		mg/Kg	1	7/20/2020 4:18:03 PM
Surr: 1,2-Dichloroethane-d4	104	70-130		%Rec	1	7/20/2020 4:18:03 PM
Surr: 4-Bromofluorobenzene	92.6	70-130		%Rec	1	7/20/2020 4:18:03 PM
Surr: Dibromofluoromethane	112	70-130		%Rec	1	7/20/2020 4:18:03 PM
Surr: Toluene-d8	103	70-130		%Rec	1	7/20/2020 4:18:03 PM
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>						Analyst: <b>JMR</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/20/2020 4:18:03 PM
Surr: BFB	96.2	70-130		%Rec	1	7/20/2020 4:18:03 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	

**Analytical Report**

Lab Order **2007898**

Date Reported: 7/24/2020

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Pima Environmental Services LLC

**Client Sample ID:** S2-0-6"

**Project:** Jasper 32 St Com 7H

**Collection Date:** 7/15/2020

**Lab ID:** 2007898-005

**Matrix:** SOIL

**Received Date:** 7/17/2020 11:10:00 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	7/22/2020 6:05:37 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/22/2020 6:05:37 PM
Surr: DNOP	52.8	55.1-146	S	%Rec	1	7/22/2020 6:05:37 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>MRA</b>
Chloride	160	60		mg/Kg	20	7/21/2020 8:51:48 PM
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>						Analyst: <b>JMR</b>
Benzene	ND	0.025		mg/Kg	1	7/20/2020 5:44:16 PM
Toluene	ND	0.049		mg/Kg	1	7/20/2020 5:44:16 PM
Ethylbenzene	ND	0.049		mg/Kg	1	7/20/2020 5:44:16 PM
Xylenes, Total	ND	0.098		mg/Kg	1	7/20/2020 5:44:16 PM
Surr: 1,2-Dichloroethane-d4	104	70-130		%Rec	1	7/20/2020 5:44:16 PM
Surr: 4-Bromofluorobenzene	94.1	70-130		%Rec	1	7/20/2020 5:44:16 PM
Surr: Dibromofluoromethane	107	70-130		%Rec	1	7/20/2020 5:44:16 PM
Surr: Toluene-d8	99.9	70-130		%Rec	1	7/20/2020 5:44:16 PM
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>						Analyst: <b>JMR</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/20/2020 5:44:16 PM
Surr: BFB	95.4	70-130		%Rec	1	7/20/2020 5:44:16 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	

**Analytical Report**

Lab Order **2007898**

Date Reported: 7/24/2020

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Pima Environmental Services LLC

**Client Sample ID:** S3-0-6"

**Project:** Jasper 32 St Com 7H

**Collection Date:** 7/15/2020

**Lab ID:** 2007898-006

**Matrix:** SOIL

**Received Date:** 7/17/2020 11:10:00 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	9.1		mg/Kg	1	7/22/2020 6:15:51 PM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	7/22/2020 6:15:51 PM
Surr: DNOP	50.2	55.1-146	S	%Rec	1	7/22/2020 6:15:51 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>MRA</b>
Chloride	81	60		mg/Kg	20	7/21/2020 9:04:12 PM
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>						Analyst: <b>JMR</b>
Benzene	ND	0.025		mg/Kg	1	7/20/2020 6:12:59 PM
Toluene	ND	0.050		mg/Kg	1	7/20/2020 6:12:59 PM
Ethylbenzene	ND	0.050		mg/Kg	1	7/20/2020 6:12:59 PM
Xylenes, Total	ND	0.10		mg/Kg	1	7/20/2020 6:12:59 PM
Surr: 1,2-Dichloroethane-d4	98.6	70-130		%Rec	1	7/20/2020 6:12:59 PM
Surr: 4-Bromofluorobenzene	97.1	70-130		%Rec	1	7/20/2020 6:12:59 PM
Surr: Dibromofluoromethane	111	70-130		%Rec	1	7/20/2020 6:12:59 PM
Surr: Toluene-d8	99.6	70-130		%Rec	1	7/20/2020 6:12:59 PM
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>						Analyst: <b>JMR</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/20/2020 6:12:59 PM
Surr: BFB	94.3	70-130		%Rec	1	7/20/2020 6:12:59 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	

**Analytical Report**

Lab Order **2007898**

Date Reported: 7/24/2020

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Pima Environmental Services LLC

**Client Sample ID:** S4-0-6"

**Project:** Jasper 32 St Com 7H

**Collection Date:** 7/15/2020

**Lab ID:** 2007898-007

**Matrix:** SOIL

**Received Date:** 7/17/2020 11:10:00 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	10		mg/Kg	1	7/22/2020 6:26:05 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	7/22/2020 6:26:05 PM
Surr: DNOP	38.2	55.1-146	S	%Rec	1	7/22/2020 6:26:05 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>MRA</b>
Chloride	ND	60		mg/Kg	20	7/21/2020 9:16:37 PM
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>						Analyst: <b>JMR</b>
Benzene	ND	0.024		mg/Kg	1	7/20/2020 6:41:41 PM
Toluene	ND	0.049		mg/Kg	1	7/20/2020 6:41:41 PM
Ethylbenzene	ND	0.049		mg/Kg	1	7/20/2020 6:41:41 PM
Xylenes, Total	ND	0.098		mg/Kg	1	7/20/2020 6:41:41 PM
Surr: 1,2-Dichloroethane-d4	106	70-130		%Rec	1	7/20/2020 6:41:41 PM
Surr: 4-Bromofluorobenzene	90.3	70-130		%Rec	1	7/20/2020 6:41:41 PM
Surr: Dibromofluoromethane	111	70-130		%Rec	1	7/20/2020 6:41:41 PM
Surr: Toluene-d8	98.0	70-130		%Rec	1	7/20/2020 6:41:41 PM
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>						Analyst: <b>JMR</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/20/2020 6:41:41 PM
Surr: BFB	91.9	70-130		%Rec	1	7/20/2020 6:41:41 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	

**Analytical Report**

Lab Order **2007898**

Date Reported: 7/24/2020

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Pima Environmental Services LLC

**Client Sample ID:** S5-0-6"

**Project:** Jasper 32 St Com 7H

**Collection Date:** 7/15/2020

**Lab ID:** 2007898-008

**Matrix:** SOIL

**Received Date:** 7/17/2020 11:10:00 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)	16	9.9		mg/Kg	1	7/22/2020 6:36:21 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	7/22/2020 6:36:21 PM
Surr: DNOP	67.3	55.1-146		%Rec	1	7/22/2020 6:36:21 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>JMT</b>
Chloride	6100	300		mg/Kg	100	7/22/2020 7:08:18 PM
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>						Analyst: <b>JMR</b>
Benzene	ND	0.025		mg/Kg	1	7/20/2020 7:10:22 PM
Toluene	ND	0.050		mg/Kg	1	7/20/2020 7:10:22 PM
Ethylbenzene	ND	0.050		mg/Kg	1	7/20/2020 7:10:22 PM
Xylenes, Total	ND	0.10		mg/Kg	1	7/20/2020 7:10:22 PM
Surr: 1,2-Dichloroethane-d4	99.4	70-130		%Rec	1	7/20/2020 7:10:22 PM
Surr: 4-Bromofluorobenzene	93.8	70-130		%Rec	1	7/20/2020 7:10:22 PM
Surr: Dibromofluoromethane	108	70-130		%Rec	1	7/20/2020 7:10:22 PM
Surr: Toluene-d8	102	70-130		%Rec	1	7/20/2020 7:10:22 PM
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>						Analyst: <b>JMR</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/20/2020 7:10:22 PM
Surr: BFB	95.8	70-130		%Rec	1	7/20/2020 7:10:22 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	

**Analytical Report**

Lab Order **2007898**

Date Reported: 7/24/2020

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Pima Environmental Services LLC

**Client Sample ID:** S6-0-6"

**Project:** Jasper 32 St Com 7H

**Collection Date:** 7/15/2020

**Lab ID:** 2007898-009

**Matrix:** SOIL

**Received Date:** 7/17/2020 11:10:00 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	9.6		mg/Kg	1	7/23/2020 12:48:01 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/23/2020 12:48:01 PM
Surr: DNOP	124	55.1-146		%Rec	1	7/23/2020 12:48:01 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>JMT</b>
Chloride	11000	600		mg/Kg	200	7/22/2020 7:20:43 PM
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>						Analyst: <b>JMR</b>
Benzene	ND	0.024		mg/Kg	1	7/20/2020 7:39:00 PM
Toluene	ND	0.048		mg/Kg	1	7/20/2020 7:39:00 PM
Ethylbenzene	ND	0.048		mg/Kg	1	7/20/2020 7:39:00 PM
Xylenes, Total	ND	0.095		mg/Kg	1	7/20/2020 7:39:00 PM
Surr: 1,2-Dichloroethane-d4	106	70-130		%Rec	1	7/20/2020 7:39:00 PM
Surr: 4-Bromofluorobenzene	91.8	70-130		%Rec	1	7/20/2020 7:39:00 PM
Surr: Dibromofluoromethane	111	70-130		%Rec	1	7/20/2020 7:39:00 PM
Surr: Toluene-d8	93.8	70-130		%Rec	1	7/20/2020 7:39:00 PM
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>						Analyst: <b>JMR</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/20/2020 7:39:00 PM
Surr: BFB	96.3	70-130		%Rec	1	7/20/2020 7:39:00 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	

**Analytical Report**

Lab Order **2007898**

Date Reported: 7/24/2020

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Pima Environmental Services LLC

**Client Sample ID:** S6-1'

**Project:** Jasper 32 St Com 7H

**Collection Date:** 7/15/2020

**Lab ID:** 2007898-010

**Matrix:** SOIL

**Received Date:** 7/17/2020 11:10:00 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	9.6		mg/Kg	1	7/22/2020 6:56:57 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/22/2020 6:56:57 PM
Surr: DNOP	95.9	55.1-146		%Rec	1	7/22/2020 6:56:57 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>JMT</b>
Chloride	4100	150		mg/Kg	50	7/22/2020 7:33:07 PM
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>						Analyst: <b>JMR</b>
Benzene	ND	0.024		mg/Kg	1	7/20/2020 8:07:34 PM
Toluene	ND	0.048		mg/Kg	1	7/20/2020 8:07:34 PM
Ethylbenzene	ND	0.048		mg/Kg	1	7/20/2020 8:07:34 PM
Xylenes, Total	ND	0.095		mg/Kg	1	7/20/2020 8:07:34 PM
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	1	7/20/2020 8:07:34 PM
Surr: 4-Bromofluorobenzene	93.5	70-130		%Rec	1	7/20/2020 8:07:34 PM
Surr: Dibromofluoromethane	107	70-130		%Rec	1	7/20/2020 8:07:34 PM
Surr: Toluene-d8	104	70-130		%Rec	1	7/20/2020 8:07:34 PM
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>						Analyst: <b>JMR</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/20/2020 8:07:34 PM
Surr: BFB	100	70-130		%Rec	1	7/20/2020 8:07:34 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	

**Analytical Report**

Lab Order **2007898**

Date Reported: **7/24/2020**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Pima Environmental Services LLC

**Client Sample ID:** S7-0-6"

**Project:** Jasper 32 St Com 7H

**Collection Date:** 7/15/2020

**Lab ID:** 2007898-011

**Matrix:** SOIL

**Received Date:** 7/17/2020 11:10:00 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)	12	9.5		mg/Kg	1	7/22/2020 7:07:20 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/22/2020 7:07:20 PM
Surr: DNOP	66.1	55.1-146		%Rec	1	7/22/2020 7:07:20 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>MRA</b>
Chloride	1000	60		mg/Kg	20	7/21/2020 10:31:03 PM
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>						Analyst: <b>JMR</b>
Benzene	ND	0.024		mg/Kg	1	7/20/2020 8:36:08 PM
Toluene	ND	0.048		mg/Kg	1	7/20/2020 8:36:08 PM
Ethylbenzene	ND	0.048		mg/Kg	1	7/20/2020 8:36:08 PM
Xylenes, Total	ND	0.096		mg/Kg	1	7/20/2020 8:36:08 PM
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	1	7/20/2020 8:36:08 PM
Surr: 4-Bromofluorobenzene	92.8	70-130		%Rec	1	7/20/2020 8:36:08 PM
Surr: Dibromofluoromethane	105	70-130		%Rec	1	7/20/2020 8:36:08 PM
Surr: Toluene-d8	98.8	70-130		%Rec	1	7/20/2020 8:36:08 PM
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>						Analyst: <b>JMR</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/20/2020 8:36:08 PM
Surr: BFB	96.1	70-130		%Rec	1	7/20/2020 8:36:08 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	

**Analytical Report**

Lab Order **2007898**

Date Reported: 7/24/2020

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Pima Environmental Services LLC

**Client Sample ID:** S8-0-6"

**Project:** Jasper 32 St Com 7H

**Collection Date:** 7/15/2020

**Lab ID:** 2007898-012

**Matrix:** SOIL

**Received Date:** 7/17/2020 11:10:00 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	7/22/2020 7:17:42 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/22/2020 7:17:42 PM
Surr: DNOP	106	55.1-146		%Rec	1	7/22/2020 7:17:42 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>JMT</b>
Chloride	23000	1500		mg/Kg	500	7/22/2020 8:10:21 PM
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>						Analyst: <b>JMR</b>
Benzene	ND	0.024		mg/Kg	1	7/20/2020 9:04:47 PM
Toluene	ND	0.048		mg/Kg	1	7/20/2020 9:04:47 PM
Ethylbenzene	ND	0.048		mg/Kg	1	7/20/2020 9:04:47 PM
Xylenes, Total	ND	0.097		mg/Kg	1	7/20/2020 9:04:47 PM
Surr: 1,2-Dichloroethane-d4	105	70-130		%Rec	1	7/20/2020 9:04:47 PM
Surr: 4-Bromofluorobenzene	87.5	70-130		%Rec	1	7/20/2020 9:04:47 PM
Surr: Dibromofluoromethane	110	70-130		%Rec	1	7/20/2020 9:04:47 PM
Surr: Toluene-d8	98.1	70-130		%Rec	1	7/20/2020 9:04:47 PM
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>						Analyst: <b>JMR</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/20/2020 9:04:47 PM
Surr: BFB	92.0	70-130		%Rec	1	7/20/2020 9:04:47 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	

**Analytical Report**

Lab Order **2007898**

Date Reported: 7/24/2020

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Pima Environmental Services LLC

**Client Sample ID:** S8-1'

**Project:** Jasper 32 St Com 7H

**Collection Date:** 7/15/2020

**Lab ID:** 2007898-013

**Matrix:** SOIL

**Received Date:** 7/17/2020 11:10:00 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	7/22/2020 7:28:06 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/22/2020 7:28:06 PM
Surr: DNOP	87.2	55.1-146		%Rec	1	7/22/2020 7:28:06 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>JMT</b>
Chloride	6700	300		mg/Kg	100	7/22/2020 8:22:45 PM
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>						Analyst: <b>JMR</b>
Benzene	ND	0.024		mg/Kg	1	7/20/2020 9:33:22 PM
Toluene	ND	0.048		mg/Kg	1	7/20/2020 9:33:22 PM
Ethylbenzene	ND	0.048		mg/Kg	1	7/20/2020 9:33:22 PM
Xylenes, Total	ND	0.096		mg/Kg	1	7/20/2020 9:33:22 PM
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	1	7/20/2020 9:33:22 PM
Surr: 4-Bromofluorobenzene	92.6	70-130		%Rec	1	7/20/2020 9:33:22 PM
Surr: Dibromofluoromethane	107	70-130		%Rec	1	7/20/2020 9:33:22 PM
Surr: Toluene-d8	105	70-130		%Rec	1	7/20/2020 9:33:22 PM
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>						Analyst: <b>JMR</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/20/2020 9:33:22 PM
Surr: BFB	99.6	70-130		%Rec	1	7/20/2020 9:33:22 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	

**Analytical Report**

Lab Order **2007898**

Date Reported: 7/24/2020

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Pima Environmental Services LLC

**Client Sample ID:** S8-2'

**Project:** Jasper 32 St Com 7H

**Collection Date:** 7/15/2020

**Lab ID:** 2007898-014

**Matrix:** SOIL

**Received Date:** 7/17/2020 11:10:00 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	7/22/2020 7:38:29 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/22/2020 7:38:29 PM
Surr: DNOP	77.4	55.1-146		%Rec	1	7/22/2020 7:38:29 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>JMT</b>
Chloride	4300	150		mg/Kg	50	7/22/2020 8:35:10 PM
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>						Analyst: <b>JMR</b>
Benzene	ND	0.025		mg/Kg	1	7/20/2020 10:01:55 PM
Toluene	ND	0.050		mg/Kg	1	7/20/2020 10:01:55 PM
Ethylbenzene	ND	0.050		mg/Kg	1	7/20/2020 10:01:55 PM
Xylenes, Total	ND	0.10		mg/Kg	1	7/20/2020 10:01:55 PM
Surr: 1,2-Dichloroethane-d4	103	70-130		%Rec	1	7/20/2020 10:01:55 PM
Surr: 4-Bromofluorobenzene	89.6	70-130		%Rec	1	7/20/2020 10:01:55 PM
Surr: Dibromofluoromethane	103	70-130		%Rec	1	7/20/2020 10:01:55 PM
Surr: Toluene-d8	104	70-130		%Rec	1	7/20/2020 10:01:55 PM
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>						Analyst: <b>JMR</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/20/2020 10:01:55 PM
Surr: BFB	97.1	70-130		%Rec	1	7/20/2020 10:01:55 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	

**Analytical Report**

Lab Order **2007898**

Date Reported: 7/24/2020

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Pima Environmental Services LLC

**Client Sample ID:** S6-2'

**Project:** Jasper 32 St Com 7H

**Collection Date:** 7/15/2020

**Lab ID:** 2007898-015

**Matrix:** SOIL

**Received Date:** 7/17/2020 11:10:00 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	9.3		mg/Kg	1	7/22/2020 7:48:53 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	7/22/2020 7:48:53 PM
Surr: DNOP	98.4	55.1-146		%Rec	1	7/22/2020 7:48:53 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>MRA</b>
Chloride	2300	61		mg/Kg	20	7/21/2020 11:45:29 PM
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>						Analyst: <b>JMR</b>
Benzene	ND	0.024		mg/Kg	1	7/20/2020 10:30:26 PM
Toluene	ND	0.049		mg/Kg	1	7/20/2020 10:30:26 PM
Ethylbenzene	ND	0.049		mg/Kg	1	7/20/2020 10:30:26 PM
Xylenes, Total	ND	0.097		mg/Kg	1	7/20/2020 10:30:26 PM
Surr: 1,2-Dichloroethane-d4	104	70-130		%Rec	1	7/20/2020 10:30:26 PM
Surr: 4-Bromofluorobenzene	94.3	70-130		%Rec	1	7/20/2020 10:30:26 PM
Surr: Dibromofluoromethane	109	70-130		%Rec	1	7/20/2020 10:30:26 PM
Surr: Toluene-d8	102	70-130		%Rec	1	7/20/2020 10:30:26 PM
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>						Analyst: <b>JMR</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/20/2020 10:30:26 PM
Surr: BFB	97.2	70-130		%Rec	1	7/20/2020 10:30:26 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	

**Analytical Report**

Lab Order **2007898**

Date Reported: 7/24/2020

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Pima Environmental Services LLC

**Client Sample ID:** S9-0-6"

**Project:** Jasper 32 St Com 7H

**Collection Date:** 7/15/2020

**Lab ID:** 2007898-016

**Matrix:** SOIL

**Received Date:** 7/17/2020 11:10:00 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)	2900	91		mg/Kg	10	7/22/2020 7:59:19 PM
Motor Oil Range Organics (MRO)	3000	460		mg/Kg	10	7/22/2020 7:59:19 PM
Surr: DNOP	0	55.1-146	S	%Rec	10	7/22/2020 7:59:19 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>MRA</b>
Chloride	1900	60		mg/Kg	20	7/22/2020 12:47:32 AM
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>						Analyst: <b>JMR</b>
Benzene	ND	0.023		mg/Kg	1	7/20/2020 10:58:58 PM
Toluene	ND	0.046		mg/Kg	1	7/20/2020 10:58:58 PM
Ethylbenzene	ND	0.046		mg/Kg	1	7/20/2020 10:58:58 PM
Xylenes, Total	ND	0.091		mg/Kg	1	7/20/2020 10:58:58 PM
Surr: 1,2-Dichloroethane-d4	104	70-130		%Rec	1	7/20/2020 10:58:58 PM
Surr: 4-Bromofluorobenzene	93.1	70-130		%Rec	1	7/20/2020 10:58:58 PM
Surr: Dibromofluoromethane	110	70-130		%Rec	1	7/20/2020 10:58:58 PM
Surr: Toluene-d8	98.3	70-130		%Rec	1	7/20/2020 10:58:58 PM
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>						Analyst: <b>JMR</b>
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	7/20/2020 10:58:58 PM
Surr: BFB	95.0	70-130		%Rec	1	7/20/2020 10:58:58 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	

**Analytical Report**

Lab Order **2007898**

Date Reported: 7/24/2020

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Pima Environmental Services LLC

**Client Sample ID:** S10-0-6"

**Project:** Jasper 32 St Com 7H

**Collection Date:** 7/15/2020

**Lab ID:** 2007898-017

**Matrix:** SOIL

**Received Date:** 7/17/2020 11:10:00 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	9.5		mg/Kg	1	7/22/2020 8:09:57 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/22/2020 8:09:57 PM
Surr: DNOP	85.1	55.1-146		%Rec	1	7/22/2020 8:09:57 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>MRA</b>
Chloride	510	59		mg/Kg	20	7/22/2020 12:59:56 AM
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>						Analyst: <b>JMR</b>
Benzene	ND	0.024		mg/Kg	1	7/20/2020 11:27:33 PM
Toluene	ND	0.048		mg/Kg	1	7/20/2020 11:27:33 PM
Ethylbenzene	ND	0.048		mg/Kg	1	7/20/2020 11:27:33 PM
Xylenes, Total	ND	0.096		mg/Kg	1	7/20/2020 11:27:33 PM
Surr: 1,2-Dichloroethane-d4	103	70-130		%Rec	1	7/20/2020 11:27:33 PM
Surr: 4-Bromofluorobenzene	92.0	70-130		%Rec	1	7/20/2020 11:27:33 PM
Surr: Dibromofluoromethane	109	70-130		%Rec	1	7/20/2020 11:27:33 PM
Surr: Toluene-d8	103	70-130		%Rec	1	7/20/2020 11:27:33 PM
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>						Analyst: <b>JMR</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/20/2020 11:27:33 PM
Surr: BFB	97.1	70-130		%Rec	1	7/20/2020 11:27:33 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	

**Analytical Report**

Lab Order **2007898**

Date Reported: 7/24/2020

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Pima Environmental Services LLC

**Client Sample ID:** S11-0-6"

**Project:** Jasper 32 St Com 7H

**Collection Date:** 7/15/2020

**Lab ID:** 2007898-018

**Matrix:** SOIL

**Received Date:** 7/17/2020 11:10:00 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	9.2		mg/Kg	1	7/22/2020 8:20:34 PM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	7/22/2020 8:20:34 PM
Surr: DNOP	70.4	55.1-146		%Rec	1	7/22/2020 8:20:34 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>MRA</b>
Chloride	ND	60		mg/Kg	20	7/22/2020 1:12:21 AM
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>						Analyst: <b>JMR</b>
Benzene	ND	0.023		mg/Kg	1	7/21/2020 1:50:05 AM
Toluene	ND	0.046		mg/Kg	1	7/21/2020 1:50:05 AM
Ethylbenzene	ND	0.046		mg/Kg	1	7/21/2020 1:50:05 AM
Xylenes, Total	ND	0.093		mg/Kg	1	7/21/2020 1:50:05 AM
Surr: 1,2-Dichloroethane-d4	104	70-130		%Rec	1	7/21/2020 1:50:05 AM
Surr: 4-Bromofluorobenzene	90.6	70-130		%Rec	1	7/21/2020 1:50:05 AM
Surr: Dibromofluoromethane	105	70-130		%Rec	1	7/21/2020 1:50:05 AM
Surr: Toluene-d8	104	70-130		%Rec	1	7/21/2020 1:50:05 AM
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>						Analyst: <b>JMR</b>
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	7/21/2020 1:50:05 AM
Surr: BFB	98.6	70-130		%Rec	1	7/21/2020 1:50:05 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	

**Analytical Report**

Lab Order **2007898**

Date Reported: 7/24/2020

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Pima Environmental Services LLC

**Client Sample ID:** S12-0-6"

**Project:** Jasper 32 St Com 7H

**Collection Date:** 7/15/2020

**Lab ID:** 2007898-019

**Matrix:** SOIL

**Received Date:** 7/17/2020 11:10:00 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	9.2		mg/Kg	1	7/22/2020 8:31:10 PM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	7/22/2020 8:31:10 PM
Surr: DNOP	90.7	55.1-146		%Rec	1	7/22/2020 8:31:10 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>MRA</b>
Chloride	ND	60		mg/Kg	20	7/22/2020 1:24:45 AM
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>						Analyst: <b>JMR</b>
Benzene	ND	0.023		mg/Kg	1	7/21/2020 2:18:33 AM
Toluene	ND	0.046		mg/Kg	1	7/21/2020 2:18:33 AM
Ethylbenzene	ND	0.046		mg/Kg	1	7/21/2020 2:18:33 AM
Xylenes, Total	ND	0.092		mg/Kg	1	7/21/2020 2:18:33 AM
Surr: 1,2-Dichloroethane-d4	106	70-130		%Rec	1	7/21/2020 2:18:33 AM
Surr: 4-Bromofluorobenzene	92.8	70-130		%Rec	1	7/21/2020 2:18:33 AM
Surr: Dibromofluoromethane	109	70-130		%Rec	1	7/21/2020 2:18:33 AM
Surr: Toluene-d8	104	70-130		%Rec	1	7/21/2020 2:18:33 AM
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>						Analyst: <b>JMR</b>
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	7/21/2020 2:18:33 AM
Surr: BFB	96.3	70-130		%Rec	1	7/21/2020 2:18:33 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	

**Analytical Report**

Lab Order **2007898**

Date Reported: 7/24/2020

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Pima Environmental Services LLC

**Client Sample ID:** S13-0-6"

**Project:** Jasper 32 St Com 7H

**Collection Date:** 7/15/2020

**Lab ID:** 2007898-020

**Matrix:** SOIL

**Received Date:** 7/17/2020 11:10:00 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	9.5		mg/Kg	1	7/22/2020 8:41:45 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	7/22/2020 8:41:45 PM
Surr: DNOP	69.5	55.1-146		%Rec	1	7/22/2020 8:41:45 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>MRA</b>
Chloride	450	60		mg/Kg	20	7/22/2020 1:37:10 AM
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>						Analyst: <b>JMR</b>
Benzene	ND	0.024		mg/Kg	1	7/21/2020 2:47:01 AM
Toluene	ND	0.049		mg/Kg	1	7/21/2020 2:47:01 AM
Ethylbenzene	ND	0.049		mg/Kg	1	7/21/2020 2:47:01 AM
Xylenes, Total	ND	0.097		mg/Kg	1	7/21/2020 2:47:01 AM
Surr: 1,2-Dichloroethane-d4	104	70-130		%Rec	1	7/21/2020 2:47:01 AM
Surr: 4-Bromofluorobenzene	90.8	70-130		%Rec	1	7/21/2020 2:47:01 AM
Surr: Dibromofluoromethane	108	70-130		%Rec	1	7/21/2020 2:47:01 AM
Surr: Toluene-d8	101	70-130		%Rec	1	7/21/2020 2:47:01 AM
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>						Analyst: <b>JMR</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/21/2020 2:47:01 AM
Surr: BFB	94.8	70-130		%Rec	1	7/21/2020 2:47:01 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	

**Analytical Report**

Lab Order **2007898**

Date Reported: **7/24/2020**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Pima Environmental Services LLC

**Client Sample ID:** S14-0-6"

**Project:** Jasper 32 St Com 7H

**Collection Date:** 7/15/2020

**Lab ID:** 2007898-021

**Matrix:** SOIL

**Received Date:** 7/17/2020 11:10:00 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	9.5		mg/Kg	1	7/22/2020 10:35:56 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/22/2020 10:35:56 PM
Surr: DNOP	96.8	55.1-146		%Rec	1	7/22/2020 10:35:56 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>MRA</b>
Chloride	2400	60		mg/Kg	20	7/22/2020 1:49:34 AM
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>						Analyst: <b>JMR</b>
Benzene	ND	0.024		mg/Kg	1	7/21/2020 3:15:31 AM
Toluene	ND	0.047		mg/Kg	1	7/21/2020 3:15:31 AM
Ethylbenzene	ND	0.047		mg/Kg	1	7/21/2020 3:15:31 AM
Xylenes, Total	ND	0.094		mg/Kg	1	7/21/2020 3:15:31 AM
Surr: 1,2-Dichloroethane-d4	104	70-130		%Rec	1	7/21/2020 3:15:31 AM
Surr: 4-Bromofluorobenzene	96.7	70-130		%Rec	1	7/21/2020 3:15:31 AM
Surr: Dibromofluoromethane	103	70-130		%Rec	1	7/21/2020 3:15:31 AM
Surr: Toluene-d8	106	70-130		%Rec	1	7/21/2020 3:15:31 AM
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>						Analyst: <b>JMR</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	7/21/2020 3:15:31 AM
Surr: BFB	101	70-130		%Rec	1	7/21/2020 3:15:31 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	

**Analytical Report**

Lab Order **2007898**

Date Reported: 7/24/2020

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Pima Environmental Services LLC

**Client Sample ID:** S14-1

**Project:** Jasper 32 St Com 7H

**Collection Date:** 7/15/2020

**Lab ID:** 2007898-022

**Matrix:** SOIL

**Received Date:** 7/17/2020 11:10:00 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	9.3		mg/Kg	1	7/22/2020 10:46:17 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	7/22/2020 10:46:17 PM
Surr: DNOP	95.4	55.1-146		%Rec	1	7/22/2020 10:46:17 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>MRA</b>
Chloride	1300	60		mg/Kg	20	7/22/2020 2:01:58 AM
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>						Analyst: <b>JMR</b>
Benzene	ND	0.024		mg/Kg	1	7/21/2020 3:44:11 AM
Toluene	ND	0.049		mg/Kg	1	7/21/2020 3:44:11 AM
Ethylbenzene	ND	0.049		mg/Kg	1	7/21/2020 3:44:11 AM
Xylenes, Total	ND	0.097		mg/Kg	1	7/21/2020 3:44:11 AM
Surr: 1,2-Dichloroethane-d4	104	70-130		%Rec	1	7/21/2020 3:44:11 AM
Surr: 4-Bromofluorobenzene	93.6	70-130		%Rec	1	7/21/2020 3:44:11 AM
Surr: Dibromofluoromethane	107	70-130		%Rec	1	7/21/2020 3:44:11 AM
Surr: Toluene-d8	100	70-130		%Rec	1	7/21/2020 3:44:11 AM
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>						Analyst: <b>JMR</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/21/2020 3:44:11 AM
Surr: BFB	96.5	70-130		%Rec	1	7/21/2020 3:44:11 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	

**Analytical Report**

Lab Order **2007898**

Date Reported: 7/24/2020

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Pima Environmental Services LLC

**Client Sample ID:** S14-2

**Project:** Jasper 32 St Com 7H

**Collection Date:** 7/15/2020

**Lab ID:** 2007898-023

**Matrix:** SOIL

**Received Date:** 7/17/2020 11:10:00 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	9.6		mg/Kg	1	7/22/2020 10:56:35 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/22/2020 10:56:35 PM
Surr: DNOP	95.6	55.1-146		%Rec	1	7/22/2020 10:56:35 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>MRA</b>
Chloride	870	60		mg/Kg	20	7/22/2020 2:14:23 AM
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>						Analyst: <b>JMR</b>
Benzene	ND	0.025		mg/Kg	1	7/21/2020 4:53:08 AM
Toluene	ND	0.049		mg/Kg	1	7/21/2020 4:53:08 AM
Ethylbenzene	ND	0.049		mg/Kg	1	7/21/2020 4:53:08 AM
Xylenes, Total	ND	0.099		mg/Kg	1	7/21/2020 4:53:08 AM
Surr: 1,2-Dichloroethane-d4	95.5	70-130		%Rec	1	7/21/2020 4:53:08 AM
Surr: 4-Bromofluorobenzene	97.3	70-130		%Rec	1	7/21/2020 4:53:08 AM
Surr: Dibromofluoromethane	96.8	70-130		%Rec	1	7/21/2020 4:53:08 AM
Surr: Toluene-d8	106	70-130		%Rec	1	7/21/2020 4:53:08 AM
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>						Analyst: <b>JMR</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/21/2020 4:53:08 AM
Surr: BFB	106	70-130		%Rec	1	7/21/2020 4:53:08 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	

**Analytical Report**

Lab Order **2007898**

Date Reported: 7/24/2020

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Pima Environmental Services LLC

**Client Sample ID:** S14-3'

**Project:** Jasper 32 St Com 7H

**Collection Date:** 7/15/2020

**Lab ID:** 2007898-024

**Matrix:** SOIL

**Received Date:** 7/17/2020 11:10:00 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	9.8		mg/Kg	1	7/22/2020 11:06:55 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/22/2020 11:06:55 PM
Surr: DNOP	111	55.1-146		%Rec	1	7/22/2020 11:06:55 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>MRA</b>
Chloride	410	60		mg/Kg	20	7/22/2020 2:51:37 AM
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>						Analyst: <b>JMR</b>
Benzene	ND	0.025		mg/Kg	1	7/21/2020 9:38:40 PM
Toluene	ND	0.049		mg/Kg	1	7/21/2020 9:38:40 PM
Ethylbenzene	ND	0.049		mg/Kg	1	7/21/2020 9:38:40 PM
Xylenes, Total	ND	0.099		mg/Kg	1	7/21/2020 9:38:40 PM
Surr: 1,2-Dichloroethane-d4	106	70-130		%Rec	1	7/21/2020 9:38:40 PM
Surr: 4-Bromofluorobenzene	92.7	70-130		%Rec	1	7/21/2020 9:38:40 PM
Surr: Dibromofluoromethane	109	70-130		%Rec	1	7/21/2020 9:38:40 PM
Surr: Toluene-d8	99.5	70-130		%Rec	1	7/21/2020 9:38:40 PM
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>						Analyst: <b>JMR</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/21/2020 9:38:40 PM
Surr: BFB	93.8	70-130		%Rec	1	7/21/2020 9:38:40 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	

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2007898

24-Jul-20

**Client:** Pima Environmental Services LLC

**Project:** Jasper 32 St Com 7H

Sample ID: <b>MB-53879</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>53879</b>	RunNo: <b>70511</b>								
Prep Date: <b>7/21/2020</b>	Analysis Date: <b>7/21/2020</b>	SeqNo: <b>2452665</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-53879</b>	SampType: <b>ics</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>53879</b>	RunNo: <b>70511</b>								
Prep Date: <b>7/21/2020</b>	Analysis Date: <b>7/21/2020</b>	SeqNo: <b>2452666</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	94.2	90	110			

Sample ID: <b>MB-53881</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>53881</b>	RunNo: <b>70511</b>								
Prep Date: <b>7/21/2020</b>	Analysis Date: <b>7/21/2020</b>	SeqNo: <b>2452695</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-53881</b>	SampType: <b>ics</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>53881</b>	RunNo: <b>70511</b>								
Prep Date: <b>7/21/2020</b>	Analysis Date: <b>7/21/2020</b>	SeqNo: <b>2452696</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	95.2	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#: 2007898

24-Jul-20

**Client:** Pima Environmental Services LLC

**Project:** Jasper 32 St Com 7H

Sample ID: <b>LCS-53863</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>53863</b>	RunNo: <b>70513</b>								
Prep Date: <b>7/21/2020</b>	Analysis Date: <b>7/22/2020</b>	SeqNo: <b>2453272</b>	Units: <b>%Rec</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	7.0		5.000		141	55.1	146			

Sample ID: <b>MB-53863</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>53863</b>	RunNo: <b>70513</b>								
Prep Date: <b>7/21/2020</b>	Analysis Date: <b>7/22/2020</b>	SeqNo: <b>2453273</b>	Units: <b>%Rec</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	13		10.00		132	55.1	146			

Sample ID: <b>2007898-001AMS</b>	SampType: <b>MS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>BG1</b>	Batch ID: <b>53858</b>	RunNo: <b>70513</b>								
Prep Date: <b>7/21/2020</b>	Analysis Date: <b>7/22/2020</b>	SeqNo: <b>2453558</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	63	9.9	49.70	3.007	121	47.4	136			
Surr: DNOP	4.0		4.970		79.8	55.1	146			

Sample ID: <b>2007898-001AMSD</b>	SampType: <b>MSD</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>BG1</b>	Batch ID: <b>53858</b>	RunNo: <b>70513</b>								
Prep Date: <b>7/21/2020</b>	Analysis Date: <b>7/22/2020</b>	SeqNo: <b>2453559</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	53	9.3	46.38	3.007	109	47.4	136	16.7	43.4	
Surr: DNOP	2.4		4.638		51.3	55.1	146	0	0	S

Sample ID: <b>LCS-53858</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>53858</b>	RunNo: <b>70513</b>								
Prep Date: <b>7/21/2020</b>	Analysis Date: <b>7/22/2020</b>	SeqNo: <b>2453638</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	56	10	50.00	0	111	70	130			
Surr: DNOP	5.3		5.000		105	55.1	146			

Sample ID: <b>LCS-53860</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>53860</b>	RunNo: <b>70513</b>								
Prep Date: <b>7/21/2020</b>	Analysis Date: <b>7/22/2020</b>	SeqNo: <b>2453639</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	60	10	50.00	0	120	70	130			
Surr: DNOP	4.7		5.000		94.5	55.1	146			

**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#: 2007898

24-Jul-20

**Client:** Pima Environmental Services LLC

**Project:** Jasper 32 St Com 7H

Sample ID: <b>MB-53858</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>53858</b>	RunNo: <b>70513</b>								
Prep Date: <b>7/21/2020</b>	Analysis Date: <b>7/22/2020</b>	SeqNo: <b>2453644</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	12		10.00		124	55.1	146			

Sample ID: <b>MB-53860</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>53860</b>	RunNo: <b>70513</b>								
Prep Date: <b>7/21/2020</b>	Analysis Date: <b>7/22/2020</b>	SeqNo: <b>2453648</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	7.8		10.00		77.6	55.1	146			

**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#: 2007898

24-Jul-20

**Client:** Pima Environmental Services LLC

**Project:** Jasper 32 St Com 7H

Sample ID: <b>mb-53806</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>PBS</b>	Batch ID: <b>53806</b>		RunNo: <b>70475</b>							
Prep Date: <b>7/19/2020</b>	Analysis Date: <b>7/20/2020</b>		SeqNo: <b>2451151</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	890		1000		89.4	66.6	105			

Sample ID: <b>ics-53806</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>53806</b>		RunNo: <b>70475</b>							
Prep Date: <b>7/19/2020</b>	Analysis Date: <b>7/20/2020</b>		SeqNo: <b>2451152</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	19	5.0	25.00	0	77.9	72.5	106			
Surr: BFB	970		1000		97.4	66.6	105			

**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

WO#: 2007898

## Hall Environmental Analysis Laboratory, Inc.

24-Jul-20

**Client:** Pima Environmental Services LLC

**Project:** Jasper 32 St Com 7H

Sample ID: <b>mb-53806</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>PBS</b>	Batch ID: <b>53806</b>	RunNo: <b>70475</b>								
Prep Date: <b>7/19/2020</b>	Analysis Date: <b>7/20/2020</b>	SeqNo: <b>2451184</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	1.1		1.000		107	80	120			

Sample ID: <b>LCS-53806</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>53806</b>	RunNo: <b>70475</b>								
Prep Date: <b>7/19/2020</b>	Analysis Date: <b>7/20/2020</b>	SeqNo: <b>2451185</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.94	0.025	1.000	0	94.4	80	120			
Toluene	0.93	0.050	1.000	0	93.1	80	120			
Ethylbenzene	0.94	0.050	1.000	0	94.2	80	120			
Xylenes, Total	2.9	0.10	3.000	0	95.4	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		110	80	120			

**Qualifiers:**

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- 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#: 2007898

24-Jul-20

**Client:** Pima Environmental Services LLC

**Project:** Jasper 32 St Com 7H

Sample ID: <b>mb-53807</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8260B: Volatiles Short List</b>								
Client ID: <b>PBS</b>	Batch ID: <b>53807</b>	RunNo: <b>70481</b>								
Prep Date: <b>7/19/2020</b>	Analysis Date: <b>7/20/2020</b>	SeqNo: <b>2451512</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: 1,2-Dichloroethane-d4	0.53		0.5000		106	70	130			
Surr: 4-Bromofluorobenzene	0.48		0.5000		95.2	70	130			
Surr: Dibromofluoromethane	0.57		0.5000		115	70	130			
Surr: Toluene-d8	0.52		0.5000		104	70	130			

Sample ID: <b>ics-53807</b>	SampType: <b>LCS4</b>	TestCode: <b>EPA Method 8260B: Volatiles Short List</b>								
Client ID: <b>BatchQC</b>	Batch ID: <b>53807</b>	RunNo: <b>70481</b>								
Prep Date: <b>7/19/2020</b>	Analysis Date: <b>7/20/2020</b>	SeqNo: <b>2451513</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.025	1.000	0	109	80	120			
Toluene	1.0	0.050	1.000	0	99.6	80	120			
Ethylbenzene	1.0	0.050	1.000	0	104	80	120			
Xylenes, Total	3.1	0.10	3.000	0	105	80	120			
Surr: 1,2-Dichloroethane-d4	0.51		0.5000		103	70	130			
Surr: 4-Bromofluorobenzene	0.45		0.5000		89.7	70	130			
Surr: Dibromofluoromethane	0.54		0.5000		108	70	130			
Surr: Toluene-d8	0.51		0.5000		102	70	130			

Sample ID: <b>mb-53809</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8260B: Volatiles Short List</b>								
Client ID: <b>PBS</b>	Batch ID: <b>53809</b>	RunNo: <b>70485</b>								
Prep Date: <b>7/19/2020</b>	Analysis Date: <b>7/21/2020</b>	SeqNo: <b>2451649</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: 1,2-Dichloroethane-d4	0.50		0.5000		99.9	70	130			
Surr: 4-Bromofluorobenzene	0.47		0.5000		94.1	70	130			
Surr: Dibromofluoromethane	0.49		0.5000		98.7	70	130			
Surr: Toluene-d8	0.53		0.5000		106	70	130			

**Qualifiers:**

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- 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#: 2007898

24-Jul-20

**Client:** Pima Environmental Services LLC

**Project:** Jasper 32 St Com 7H

Sample ID: <b>Ics-53809</b>	SampType: <b>LCS4</b>		TestCode: <b>EPA Method 8260B: Volatiles Short List</b>							
Client ID: <b>BatchQC</b>	Batch ID: <b>53809</b>		RunNo: <b>70485</b>							
Prep Date: <b>7/19/2020</b>	Analysis Date: <b>7/20/2020</b>		SeqNo: <b>2451650</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.97	0.025	1.000	0	97.1	80	120			
Toluene	1.0	0.050	1.000	0	104	80	120			
Ethylbenzene	1.0	0.050	1.000	0	102	80	120			
Xylenes, Total	3.1	0.10	3.000	0	103	80	120			
Surr: 1,2-Dichloroethane-d4	0.50		0.5000		99.8	70	130			
Surr: 4-Bromofluorobenzene	0.47		0.5000		94.3	70	130			
Surr: Dibromofluoromethane	0.49		0.5000		98.5	70	130			
Surr: Toluene-d8	0.53		0.5000		107	70	130			

Sample ID: <b>2007898-023ams</b>	SampType: <b>MS4</b>		TestCode: <b>EPA Method 8260B: Volatiles Short List</b>							
Client ID: <b>S14-2</b>	Batch ID: <b>53809</b>		RunNo: <b>70485</b>							
Prep Date: <b>7/19/2020</b>	Analysis Date: <b>7/21/2020</b>		SeqNo: <b>2451652</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.024	0.9569	0	109	71.1	115			
Toluene	1.1	0.048	0.9569	0	120	79.6	132			
Ethylbenzene	1.2	0.048	0.9569	0	123	83.8	134			
Xylenes, Total	3.5	0.096	2.871	0	123	82.4	132			
Surr: 1,2-Dichloroethane-d4	0.46		0.4785		95.7	70	130			
Surr: 4-Bromofluorobenzene	0.46		0.4785		95.4	70	130			
Surr: Dibromofluoromethane	0.45		0.4785		94.9	70	130			
Surr: Toluene-d8	0.49		0.4785		103	70	130			

Sample ID: <b>2007898-023amsd</b>	SampType: <b>MSD4</b>		TestCode: <b>EPA Method 8260B: Volatiles Short List</b>							
Client ID: <b>S14-2</b>	Batch ID: <b>53809</b>		RunNo: <b>70485</b>							
Prep Date: <b>7/19/2020</b>	Analysis Date: <b>7/21/2020</b>		SeqNo: <b>2451653</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.024	0.9785	0	103	71.1	115	3.64	20	
Toluene	1.1	0.049	0.9785	0	114	79.6	132	2.50	20	
Ethylbenzene	1.1	0.049	0.9785	0	114	83.8	134	5.74	20	
Xylenes, Total	3.4	0.098	2.935	0	115	82.4	132	4.59	20	
Surr: 1,2-Dichloroethane-d4	0.47		0.4892		96.0	70	130	0	0	
Surr: 4-Bromofluorobenzene	0.44		0.4892		90.3	70	130	0	0	
Surr: Dibromofluoromethane	0.46		0.4892		93.7	70	130	0	0	
Surr: Toluene-d8	0.51		0.4892		104	70	130	0	0	

**Qualifiers:**

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- 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#: 2007898

24-Jul-20

**Client:** Pima Environmental Services LLC

**Project:** Jasper 32 St Com 7H

Sample ID: <b>2007898-003ams</b>	SampType: <b>MS4</b>	TestCode: <b>EPA Method 8260B: Volatiles Short List</b>								
Client ID: <b>BG3</b>	Batch ID: <b>53807</b>	RunNo: <b>70527</b>								
Prep Date: <b>7/19/2020</b>	Analysis Date: <b>7/22/2020</b>	SeqNo: <b>2453874</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.025	0.9881	0	101	71.1	115			
Toluene	1.1	0.049	0.9881	0	108	79.6	132			
Ethylbenzene	1.1	0.049	0.9881	0	107	83.8	134			
Xylenes, Total	3.2	0.099	2.964	0	108	82.4	132			
Surr: 1,2-Dichloroethane-d4	0.51		0.4941		104	70	130			
Surr: 4-Bromofluorobenzene	0.47		0.4941		94.8	70	130			
Surr: Dibromofluoromethane	0.50		0.4941		102	70	130			
Surr: Toluene-d8	0.53		0.4941		107	70	130			

Sample ID: <b>2007898-003amsd</b>	SampType: <b>MSD4</b>	TestCode: <b>EPA Method 8260B: Volatiles Short List</b>								
Client ID: <b>BG3</b>	Batch ID: <b>53807</b>	RunNo: <b>70527</b>								
Prep Date: <b>7/19/2020</b>	Analysis Date: <b>7/22/2020</b>	SeqNo: <b>2453875</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.025	0.9980	0	101	71.1	115	1.35	20	
Toluene	1.1	0.050	0.9980	0	111	79.6	132	2.91	20	
Ethylbenzene	1.1	0.050	0.9980	0	109	83.8	134	2.54	20	
Xylenes, Total	3.3	0.10	2.994	0	109	82.4	132	1.12	20	
Surr: 1,2-Dichloroethane-d4	0.49		0.4990		98.6	70	130	0	0	
Surr: 4-Bromofluorobenzene	0.48		0.4990		95.9	70	130	0	0	
Surr: Dibromofluoromethane	0.50		0.4990		99.4	70	130	0	0	
Surr: Toluene-d8	0.53		0.4990		107	70	130	0	0	

**Qualifiers:**

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- 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
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# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2007898

24-Jul-20

**Client:** Pima Environmental Services LLC

**Project:** Jasper 32 St Com 7H

Sample ID: <b>mb-53807</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8015D Mod: Gasoline Range</b>							
Client ID: <b>PBS</b>	Batch ID: <b>53807</b>		RunNo: <b>70481</b>							
Prep Date: <b>7/19/2020</b>	Analysis Date: <b>7/20/2020</b>		SeqNo: <b>2451539</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	490		500.0		98.3	70	130			

Sample ID: <b>ics-53807</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8015D Mod: Gasoline Range</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>53807</b>		RunNo: <b>70481</b>							
Prep Date: <b>7/19/2020</b>	Analysis Date: <b>7/20/2020</b>		SeqNo: <b>2451540</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	18	5.0	25.00	0	71.8	70	130			
Surr: BFB	490		500.0		98.5	70	130			

Sample ID: <b>mb-53809</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8015D Mod: Gasoline Range</b>							
Client ID: <b>PBS</b>	Batch ID: <b>53809</b>		RunNo: <b>70485</b>							
Prep Date: <b>7/19/2020</b>	Analysis Date: <b>7/21/2020</b>		SeqNo: <b>2451618</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	530		500.0		106	70	130			

Sample ID: <b>ics-53809</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8015D Mod: Gasoline Range</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>53809</b>		RunNo: <b>70485</b>							
Prep Date: <b>7/19/2020</b>	Analysis Date: <b>7/20/2020</b>		SeqNo: <b>2451619</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	5.0	25.00	0	86.7	70	130			
Surr: BFB	510		500.0		103	70	130			

Sample ID: <b>2007898-004ams</b>	SampType: <b>MS</b>		TestCode: <b>EPA Method 8015D Mod: Gasoline Range</b>							
Client ID: <b>S1-0-6"</b>	Batch ID: <b>53807</b>		RunNo: <b>70527</b>							
Prep Date: <b>7/19/2020</b>	Analysis Date: <b>7/22/2020</b>		SeqNo: <b>2454051</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	21	5.0	24.93	0	85.8	70	130			
Surr: BFB	510		498.5		102	70	130			

Sample ID: <b>2007898-004amsd</b>	SampType: <b>MSD</b>		TestCode: <b>EPA Method 8015D Mod: Gasoline Range</b>							
Client ID: <b>S1-0-6"</b>	Batch ID: <b>53807</b>		RunNo: <b>70527</b>							
Prep Date: <b>7/19/2020</b>	Analysis Date: <b>7/22/2020</b>		SeqNo: <b>2454052</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

**Qualifiers:**

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- 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#: 2007898

24-Jul-20

**Client:** Pima Environmental Services LLC

**Project:** Jasper 32 St Com 7H

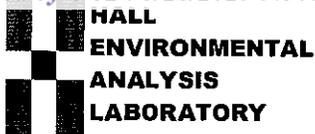
Sample ID: <b>2007898-004amsd</b>	SampType: <b>MSD</b>	TestCode: <b>EPA Method 8015D Mod: Gasoline Range</b>								
Client ID: <b>S1-0-6"</b>	Batch ID: <b>53807</b>	RunNo: <b>70527</b>								
Prep Date: <b>7/19/2020</b>	Analysis Date: <b>7/22/2020</b>	SeqNo: <b>2454052</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	21	5.0	24.80	0	86.0	70	130	0.218	20	
Surr: BFB	520		496.0		105	70	130	0	0	

Sample ID: <b>2007898-024ams</b>	SampType: <b>MS</b>	TestCode: <b>EPA Method 8015D Mod: Gasoline Range</b>								
Client ID: <b>S14-3'</b>	Batch ID: <b>53809</b>	RunNo: <b>70577</b>								
Prep Date: <b>7/19/2020</b>	Analysis Date: <b>7/23/2020</b>	SeqNo: <b>2455082</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	20	4.9	24.30	0	82.8	70	130			
Surr: BFB	490		485.9		102	70	130			

Sample ID: <b>2007898-024amsd</b>	SampType: <b>MSD</b>	TestCode: <b>EPA Method 8015D Mod: Gasoline Range</b>								
Client ID: <b>S14-3'</b>	Batch ID: <b>53809</b>	RunNo: <b>70577</b>								
Prep Date: <b>7/19/2020</b>	Analysis Date: <b>7/23/2020</b>	SeqNo: <b>2455083</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	21	4.9	24.70	0	86.0	70	130	5.50	20	
Surr: BFB	510		494.1		104	70	130	0	0	

**Qualifiers:**

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- H Holding times for preparation or analysis exceeded
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- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit



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

Sample Log-In Check List

Client Name: Pima Environmental Servi Work Order Number: 2007898 RcptNo: 1

Received By: Isaiah Ortiz 7/17/2020 11:10:00 AM ILOX
Completed By: Isaiah Ortiz 7/17/2020 11:22:16 AM ILOX
Reviewed By: LB 7/17/20

Chain of Custody

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

Log In

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

# of preserved bottles checked for pH: (<2 or >12 unless noted)
Adjusted?
Checked by: SPA 7.17.20

Special Handling (if applicable)

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

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

16. Additional remarks:

17. Cooler Information

Table with 7 columns: Cooler No, Temp °C, Condition, Seal Intact, Seal No, Seal Date, Signed By. Row 1: 1, 4.5, Good, Not Present, , ,

### Chain-of-Custody Record

Client: Pima Environmental  
 Mailing Address: 1601 N. Turner Ste 500  
Hobbs, NM 88240  
 Phone #: 575-631-6977  
 email or Fax#: Chris@pimaseil.com

QAVC Package:  Level 4 (Full Validation)  
 Accreditation:  AZ Compliance  
 NELAC  Other  
 EDD (Type)

Turn-Around Time: 5 Day  
 Standard  Rush  
 Project Name: Jasper 32 St. Com 7A  
 Project #: 20868750

Project Manager: Chris Jones  
 Sampler: Chris Jones

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
7/5/20			BG1	GLASS	ICE	-001
			BG2			-002
			BG3			-003
			S1-0-6"			-004
			S2-0-6"			-005
			S3-0-6"			-006
			S4-0-6"			-007
			S5-0-6"			-008
			S6-0-6"			-009
			S6-1'			-010
			S7-0-6"			-011
			S8-0-6"			-012

Relinquished by: Chris Jones Date: 7/5/20 Time: 1900  
 Relinquished by: Chris Jones Date: 7/10/20 Time: 0740  
 Received by: Chris Jones Date: 7/10/20 Time: 0740  
 Received by: Chris Jones Date: 7/10/20 Time: 0740



**HALL ENVIRONMENTAL ANALYSIS LABORATORY**  
 www.hallenvironmental.com  
 4901 Hawkins NE - Albuquerque, NM 87109  
 Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

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)	Chloride

Remarks: Bill to Devon

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This service is not a part of this analysis. Any such subcontracted data will be clearly marked as such.

**Chain-of-Custody Record**

Client: Pima Environmental  
 Mailing Address: 1601 N. Turner Ste 500  
Hobbs, NM 88240  
 Phone #: 575-631-6977  
 email or Fax#: Chris@pimaenv.com  
 QA/QC Package:  
 Standard  Level 4 (Full Validation)  
 Accreditation:  Az Compliance  
 NELAC  Other  
 EDD (Type)

Turn-Around Time: 5 Day  
 Standard  Rush  
 Project Name:  
Sasper 32 St Com PH  
 Project #:  
2086 8750

Project Manager:  
Chris Jones

Sampler:  
 Office  Yes  No  
 # of Copiers:  
 Cooler (Impresario)  # of Containers:  
 Container Type and #  
 Preservative Type  
 HEAL No  
2007835

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No
<u>7/15/20</u>			<u>S8-1'</u>	<u>GLASS</u>	<u>ICE</u>	<u>-013</u>
			<u>S8-2'</u>			<u>-014</u>
			<u>S6-2'</u>			<u>-015</u>
			<u>S9-0-6"</u>			<u>-016</u>
			<u>S10-0-6"</u>			<u>-017</u>
			<u>S11-0-6"</u>			<u>-018</u>
			<u>S12-0-6"</u>			<u>-019</u>
			<u>S13-0-6"</u>			<u>-020</u>
			<u>S14-0-6"</u>			<u>-021</u>
			<u>S14-1'</u>			<u>-022</u>
			<u>S14-2'</u>			<u>-023</u>
			<u>S14-3'</u>			<u>-024</u>

Received by: W. Williams Via: Hand Date Time: 7/16/20 0740  
 Received by: W. Williams Via: Hand Date Time: 7/16/20 0740

Remarks:  
Bill To Devon



**HALL ENVIRONMENTAL ANALYSIS LABORATORY**  
 www.hallenvironmental.com  
 4901 Hawkins NE - Albuquerque, NM 87109  
 Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Analysis Request	Result
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)	<u>Chloride</u>

Report to:  
Tom Bynum



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

### Pima Environmental Services-Carlsbad

Project Name: Jasper 32 #7

Work Order: E209142

Job Number: 01058-0007

Received: 9/26/2022

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
10/3/22

5796 U.S. Hwy 64  
Farmington, NM 87401

Phone: (505) 632-1881  
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.  
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.  
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.  
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.  
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.  
Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 10/3/22



Tom Bynum  
PO Box 247  
Plains, TX 79355-0247

Project Name: Jasper 32 #7  
Workorder: E209142  
Date Received: 9/26/2022 9:00:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/26/2022 9:00:00AM, under the Project Name: Jasper 32 #7.

The analytical test results summarized in this report with the Project Name: Jasper 32 #7 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

**Walter Hinchman**  
Laboratory Director  
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Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
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**Alexa Michaels**  
Sample Custody Officer  
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Field Offices:

**Southern New Mexico Area**  
**Lynn Jarboe**  
Technical Representative/Client Services  
Office: 505-421-LABS(5227)  
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[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

**West Texas Midland/Odessa Area**  
**Rayny Hagan**  
Technical Representative  
Office: 505-421-LABS(5227)

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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### Sample Summary

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 #7 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 10/03/22 15:49
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S5 1'	E209142-01A	Soil	09/22/22	09/26/22	Glass Jar, 4 oz.
S5 2'	E209142-02A	Soil	09/22/22	09/26/22	Glass Jar, 4 oz.
S5 3'	E209142-03A	Soil	09/22/22	09/26/22	Glass Jar, 4 oz.
S5 4'	E209142-04A	Soil	09/22/22	09/26/22	Glass Jar, 4 oz.
S6 3'	E209142-05A	Soil	09/22/22	09/26/22	Glass Jar, 4 oz.
S6 4'	E209142-06A	Soil	09/22/22	09/26/22	Glass Jar, 4 oz.
S7 1'	E209142-07A	Soil	09/22/22	09/26/22	Glass Jar, 4 oz.
S7 2'	E209142-08A	Soil	09/22/22	09/26/22	Glass Jar, 4 oz.
S7 3'	E209142-09A	Soil	09/22/22	09/26/22	Glass Jar, 4 oz.
S7 4'	E209142-10A	Soil	09/22/22	09/26/22	Glass Jar, 4 oz.
S8 3'	E209142-11A	Soil	09/22/22	09/26/22	Glass Jar, 4 oz.
S8 4'	E209142-12A	Soil	09/22/22	09/26/22	Glass Jar, 4 oz.
S9 1'	E209142-13A	Soil	09/22/22	09/26/22	Glass Jar, 4 oz.
S9 2'	E209142-14A	Soil	09/22/22	09/26/22	Glass Jar, 4 oz.
S9 3'	E209142-15A	Soil	09/22/22	09/26/22	Glass Jar, 4 oz.
S9 4'	E209142-16A	Soil	09/22/22	09/26/22	Glass Jar, 4 oz.
SW1	E209142-17A	Soil	09/22/22	09/26/22	Glass Jar, 4 oz.
SW2	E209142-18A	Soil	09/22/22	09/26/22	Glass Jar, 4 oz.
SW3	E209142-19A	Soil	09/22/22	09/26/22	Glass Jar, 4 oz.
SW4	E209142-20A	Soil	09/22/22	09/26/22	Glass Jar, 4 oz.
BG1	E209142-21A	Soil	09/22/22	09/26/22	Glass Jar, 4 oz.
BG2	E209142-22A	Soil	09/22/22	09/26/22	Glass Jar, 4 oz.

### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 #7 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 10/3/2022 3:49:50PM
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S5 1'

E209142-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Benzene	ND	0.0250	1	09/26/22	09/26/22	
Ethylbenzene	<b>0.116</b>	0.0250	1	09/26/22	09/26/22	
Toluene	ND	0.0250	1	09/26/22	09/26/22	
o-Xylene	<b>0.134</b>	0.0250	1	09/26/22	09/26/22	
p,m-Xylene	<b>0.484</b>	0.0500	1	09/26/22	09/26/22	
Total Xylenes	<b>0.618</b>	0.0250	1	09/26/22	09/26/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		119 %	70-130	09/26/22	09/26/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Gasoline Range Organics (C6-C10)	<b>29.5</b>	20.0	1	09/26/22	09/26/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		89.4 %	70-130	09/26/22	09/26/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2240018
Diesel Range Organics (C10-C28)	<b>11200</b>	125	5	09/28/22	09/30/22	
Oil Range Organics (C28-C36)	<b>4200</b>	250	5	09/28/22	09/30/22	
<i>Surrogate: n-Nonane</i>						
		77.1 %	50-200	09/28/22	09/30/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: KL		Batch: 2240076
Chloride	<b>1160</b>	200	10	09/29/22	09/30/22	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 #7 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 10/3/2022 3:49:50PM
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S5 2'

E209142-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Benzene	ND	0.0250	1	09/26/22	09/26/22	
Ethylbenzene	ND	0.0250	1	09/26/22	09/26/22	
Toluene	ND	0.0250	1	09/26/22	09/26/22	
o-Xylene	ND	0.0250	1	09/26/22	09/26/22	
p,m-Xylene	ND	0.0500	1	09/26/22	09/26/22	
Total Xylenes	ND	0.0250	1	09/26/22	09/26/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		87.2 %	70-130	09/26/22	09/26/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/26/22	09/26/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.3 %	70-130	09/26/22	09/26/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2240018
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/22	09/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/28/22	09/30/22	
<i>Surrogate: n-Nonane</i>		63.7 %	50-200	09/28/22	09/30/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2240076
Chloride	ND	20.0	1	09/29/22	09/30/22	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 #7 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 10/3/2022 3:49:50PM
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S5 3'

E209142-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Benzene	ND	0.0250	1	09/26/22	09/26/22	
Ethylbenzene	ND	0.0250	1	09/26/22	09/26/22	
Toluene	ND	0.0250	1	09/26/22	09/26/22	
o-Xylene	ND	0.0250	1	09/26/22	09/26/22	
p,m-Xylene	ND	0.0500	1	09/26/22	09/26/22	
Total Xylenes	ND	0.0250	1	09/26/22	09/26/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.7 %	70-130	09/26/22	09/26/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/26/22	09/26/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		85.4 %	70-130	09/26/22	09/26/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2240018
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/22	09/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/28/22	09/30/22	
<i>Surrogate: n-Nonane</i>		73.9 %	50-200	09/28/22	09/30/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2240076
Chloride	ND	20.0	1	09/29/22	09/30/22	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 #7 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 10/3/2022 3:49:50PM
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S5 4'

E209142-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Benzene	ND	0.0250	1	09/26/22	09/27/22	
Ethylbenzene	ND	0.0250	1	09/26/22	09/27/22	
Toluene	ND	0.0250	1	09/26/22	09/27/22	
o-Xylene	ND	0.0250	1	09/26/22	09/27/22	
p,m-Xylene	ND	0.0500	1	09/26/22	09/27/22	
Total Xylenes	ND	0.0250	1	09/26/22	09/27/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.3 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/26/22	09/27/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.2 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2240018
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/22	09/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/28/22	09/30/22	
<i>Surrogate: n-Nonane</i>		74.3 %	50-200	09/28/22	09/30/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2240076
Chloride	ND	20.0	1	09/29/22	09/30/22	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 #7 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 10/3/2022 3:49:50PM
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S6 3'

E209142-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Benzene	ND	0.0250	1	09/26/22	09/27/22	
Ethylbenzene	ND	0.0250	1	09/26/22	09/27/22	
Toluene	ND	0.0250	1	09/26/22	09/27/22	
o-Xylene	ND	0.0250	1	09/26/22	09/27/22	
p,m-Xylene	ND	0.0500	1	09/26/22	09/27/22	
Total Xylenes	ND	0.0250	1	09/26/22	09/27/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.6 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/26/22	09/27/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.0 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2240018
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/22	09/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/28/22	09/30/22	
<i>Surrogate: n-Nonane</i>		67.5 %	50-200	09/28/22	09/30/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2240076
Chloride	ND	20.0	1	09/29/22	09/30/22	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 #7 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 10/3/2022 3:49:50PM
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S6 4'

E209142-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Benzene	ND	0.0250	1	09/26/22	09/27/22	
Ethylbenzene	ND	0.0250	1	09/26/22	09/27/22	
Toluene	ND	0.0250	1	09/26/22	09/27/22	
o-Xylene	ND	0.0250	1	09/26/22	09/27/22	
p,m-Xylene	ND	0.0500	1	09/26/22	09/27/22	
Total Xylenes	ND	0.0250	1	09/26/22	09/27/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/26/22	09/27/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		86.5 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2240018
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/22	09/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/28/22	09/30/22	
<i>Surrogate: n-Nonane</i>		74.2 %	50-200	09/28/22	09/30/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2240076
Chloride	ND	20.0	1	09/29/22	09/30/22	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 #7 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 10/3/2022 3:49:50PM
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S7 1'

E209142-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Benzene	ND	0.250	10	09/26/22	09/27/22	
Ethylbenzene	ND	0.250	10	09/26/22	09/27/22	
Toluene	ND	0.250	10	09/26/22	09/27/22	
o-Xylene	ND	0.250	10	09/26/22	09/27/22	
p,m-Xylene	ND	0.500	10	09/26/22	09/27/22	
Total Xylenes	ND	0.250	10	09/26/22	09/27/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Gasoline Range Organics (C6-C10)	ND	200	10	09/26/22	09/27/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.5 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2240018
Diesel Range Organics (C10-C28)	9220	125	5	09/28/22	09/30/22	
Oil Range Organics (C28-C36)	3700	250	5	09/28/22	09/30/22	
<i>Surrogate: n-Nonane</i>		75.7 %	50-200	09/28/22	09/30/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2240076
Chloride	931	200	10	09/29/22	09/30/22	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 #7 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 10/3/2022 3:49:50PM
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S7 2'

E209142-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Benzene	ND	0.0250	1	09/26/22	09/27/22	
Ethylbenzene	ND	0.0250	1	09/26/22	09/27/22	
Toluene	ND	0.0250	1	09/26/22	09/27/22	
o-Xylene	ND	0.0250	1	09/26/22	09/27/22	
p,m-Xylene	ND	0.0500	1	09/26/22	09/27/22	
Total Xylenes	ND	0.0250	1	09/26/22	09/27/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.4 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/26/22	09/27/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.0 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2240018
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/22	09/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/28/22	09/30/22	
<i>Surrogate: n-Nonane</i>		74.8 %	50-200	09/28/22	09/30/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2240076
Chloride	ND	20.0	1	09/29/22	09/30/22	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 #7 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 10/3/2022 3:49:50PM
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S7 3'

E209142-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Benzene	ND	0.0250	1	09/26/22	09/27/22	
Ethylbenzene	ND	0.0250	1	09/26/22	09/27/22	
Toluene	ND	0.0250	1	09/26/22	09/27/22	
o-Xylene	ND	0.0250	1	09/26/22	09/27/22	
p,m-Xylene	ND	0.0500	1	09/26/22	09/27/22	
Total Xylenes	ND	0.0250	1	09/26/22	09/27/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.3 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/26/22	09/27/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		86.4 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2240018
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/22	10/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/28/22	10/01/22	
<i>Surrogate: n-Nonane</i>		73.5 %	50-200	09/28/22	10/01/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2240076
Chloride	ND	20.0	1	09/29/22	09/30/22	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 #7 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 10/3/2022 3:49:50PM
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S7 4'

E209142-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Benzene	ND	0.0250	1	09/26/22	09/27/22	
Ethylbenzene	ND	0.0250	1	09/26/22	09/27/22	
Toluene	ND	0.0250	1	09/26/22	09/27/22	
o-Xylene	ND	0.0250	1	09/26/22	09/27/22	
p,m-Xylene	ND	0.0500	1	09/26/22	09/27/22	
Total Xylenes	ND	0.0250	1	09/26/22	09/27/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.7 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/26/22	09/27/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		85.4 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2240018
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/22	10/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/28/22	10/01/22	
<i>Surrogate: n-Nonane</i>		72.1 %	50-200	09/28/22	10/01/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2240076
Chloride	ND	20.0	1	09/29/22	09/30/22	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 #7 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 10/3/2022 3:49:50PM
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S8 3'

E209142-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Benzene	ND	0.0250	1	09/26/22	09/27/22	
Ethylbenzene	ND	0.0250	1	09/26/22	09/27/22	
Toluene	ND	0.0250	1	09/26/22	09/27/22	
o-Xylene	ND	0.0250	1	09/26/22	09/27/22	
p,m-Xylene	ND	0.0500	1	09/26/22	09/27/22	
Total Xylenes	ND	0.0250	1	09/26/22	09/27/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.8 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/26/22	09/27/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.0 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2240018
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/22	10/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/28/22	10/01/22	
<i>Surrogate: n-Nonane</i>		73.8 %	50-200	09/28/22	10/01/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2240076
Chloride	ND	20.0	1	09/29/22	09/30/22	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 #7 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 10/3/2022 3:49:50PM
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S8 4'

E209142-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Benzene	ND	0.0250	1	09/26/22	09/27/22	
Ethylbenzene	ND	0.0250	1	09/26/22	09/27/22	
Toluene	ND	0.0250	1	09/26/22	09/27/22	
o-Xylene	ND	0.0250	1	09/26/22	09/27/22	
p,m-Xylene	ND	0.0500	1	09/26/22	09/27/22	
Total Xylenes	ND	0.0250	1	09/26/22	09/27/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/26/22	09/27/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		86.0 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2240018
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/22	10/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/28/22	10/01/22	
<i>Surrogate: n-Nonane</i>		74.6 %	50-200	09/28/22	10/01/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2240076
Chloride	ND	20.0	1	09/29/22	09/30/22	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 #7 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 10/3/2022 3:49:50PM
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S9 1'

E209142-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Benzene	ND	0.250	10	09/26/22	09/27/22	
Ethylbenzene	ND	0.250	10	09/26/22	09/27/22	
Toluene	ND	0.250	10	09/26/22	09/27/22	
o-Xylene	ND	0.250	10	09/26/22	09/27/22	
p,m-Xylene	0.517	0.500	10	09/26/22	09/27/22	
Total Xylenes	0.517	0.250	10	09/26/22	09/27/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Gasoline Range Organics (C6-C10)	ND	200	10	09/26/22	09/27/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		85.6 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2240018
Diesel Range Organics (C10-C28)	13200	125	5	09/28/22	10/01/22	
Oil Range Organics (C28-C36)	5430	250	5	09/28/22	10/01/22	
<i>Surrogate: n-Nonane</i>		73.0 %	50-200	09/28/22	10/01/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2240076
Chloride	2730	400	20	09/29/22	09/30/22	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 #7 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 10/3/2022 3:49:50PM
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S9 2'

E209142-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Benzene	ND	0.0250	1	09/26/22	09/27/22	
Ethylbenzene	ND	0.0250	1	09/26/22	09/27/22	
Toluene	ND	0.0250	1	09/26/22	09/27/22	
o-Xylene	ND	0.0250	1	09/26/22	09/27/22	
p,m-Xylene	ND	0.0500	1	09/26/22	09/27/22	
Total Xylenes	ND	0.0250	1	09/26/22	09/27/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/26/22	09/27/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.4 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2240018
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/22	10/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/28/22	10/01/22	
<i>Surrogate: n-Nonane</i>		62.4 %	50-200	09/28/22	10/01/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2240076
Chloride	ND	20.0	1	09/29/22	09/30/22	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 #7 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 10/3/2022 3:49:50PM
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S9 3'

E209142-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Benzene	ND	0.0250	1	09/26/22	09/27/22	
Ethylbenzene	ND	0.0250	1	09/26/22	09/27/22	
Toluene	ND	0.0250	1	09/26/22	09/27/22	
o-Xylene	ND	0.0250	1	09/26/22	09/27/22	
p,m-Xylene	ND	0.0500	1	09/26/22	09/27/22	
Total Xylenes	ND	0.0250	1	09/26/22	09/27/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.5 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/26/22	09/27/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.7 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2240018
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/22	10/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/28/22	10/01/22	
<i>Surrogate: n-Nonane</i>		73.1 %	50-200	09/28/22	10/01/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2240076
Chloride	ND	20.0	1	09/29/22	09/30/22	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 #7 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 10/3/2022 3:49:50PM
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S9 4'

E209142-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Benzene	ND	0.0250	1	09/26/22	09/27/22	
Ethylbenzene	ND	0.0250	1	09/26/22	09/27/22	
Toluene	ND	0.0250	1	09/26/22	09/27/22	
o-Xylene	ND	0.0250	1	09/26/22	09/27/22	
p,m-Xylene	ND	0.0500	1	09/26/22	09/27/22	
Total Xylenes	ND	0.0250	1	09/26/22	09/27/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/26/22	09/27/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.1 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2240018
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/22	10/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/28/22	10/01/22	
<i>Surrogate: n-Nonane</i>		72.0 %	50-200	09/28/22	10/01/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2240076
Chloride	ND	20.0	1	09/29/22	09/30/22	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 #7 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 10/3/2022 3:49:50PM
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**SW1**

**E209142-17**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Benzene	ND	0.0250	1	09/26/22	09/27/22	
Ethylbenzene	ND	0.0250	1	09/26/22	09/27/22	
Toluene	ND	0.0250	1	09/26/22	09/27/22	
o-Xylene	ND	0.0250	1	09/26/22	09/27/22	
p,m-Xylene	ND	0.0500	1	09/26/22	09/27/22	
Total Xylenes	ND	0.0250	1	09/26/22	09/27/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/26/22	09/27/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		85.4 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2240018
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/22	10/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/28/22	10/01/22	
<i>Surrogate: n-Nonane</i>		72.7 %	50-200	09/28/22	10/01/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2240076
Chloride	ND	20.0	1	09/29/22	09/30/22	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 #7 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 10/3/2022 3:49:50PM
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**SW2**

**E209142-18**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Benzene	ND	0.0250	1	09/26/22	09/27/22	
Ethylbenzene	ND	0.0250	1	09/26/22	09/27/22	
Toluene	ND	0.0250	1	09/26/22	09/27/22	
o-Xylene	ND	0.0250	1	09/26/22	09/27/22	
p,m-Xylene	ND	0.0500	1	09/26/22	09/27/22	
Total Xylenes	ND	0.0250	1	09/26/22	09/27/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/26/22	09/27/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.7 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2240018
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/22	10/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/28/22	10/01/22	
<i>Surrogate: n-Nonane</i>		73.7 %	50-200	09/28/22	10/01/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2240076
Chloride	ND	20.0	1	09/29/22	09/30/22	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 #7 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 10/3/2022 3:49:50PM
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**SW3**

**E209142-19**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Benzene	ND	0.0250	1	09/26/22	09/27/22	
Ethylbenzene	ND	0.0250	1	09/26/22	09/27/22	
Toluene	ND	0.0250	1	09/26/22	09/27/22	
o-Xylene	ND	0.0250	1	09/26/22	09/27/22	
p,m-Xylene	ND	0.0500	1	09/26/22	09/27/22	
Total Xylenes	ND	0.0250	1	09/26/22	09/27/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/26/22	09/27/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.1 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2240018
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/22	10/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/28/22	10/01/22	
<i>Surrogate: n-Nonane</i>		72.3 %	50-200	09/28/22	10/01/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2240076
Chloride	ND	20.0	1	09/29/22	09/30/22	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 #7 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 10/3/2022 3:49:50PM
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**SW4**

**E209142-20**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Benzene	ND	0.0250	1	09/26/22	09/27/22	
Ethylbenzene	ND	0.0250	1	09/26/22	09/27/22	
Toluene	ND	0.0250	1	09/26/22	09/27/22	
o-Xylene	ND	0.0250	1	09/26/22	09/27/22	
p,m-Xylene	ND	0.0500	1	09/26/22	09/27/22	
Total Xylenes	ND	0.0250	1	09/26/22	09/27/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/26/22	09/27/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.8 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2240018
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/22	10/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/28/22	10/01/22	
<i>Surrogate: n-Nonane</i>		73.0 %	50-200	09/28/22	10/01/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2240076
Chloride	ND	20.0	1	09/29/22	09/30/22	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 #7 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 10/3/2022 3:49:50PM
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**BG1**

**E209142-21**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240001
Benzene	ND	0.0250	1	09/26/22	09/26/22	
Ethylbenzene	ND	0.0250	1	09/26/22	09/26/22	
Toluene	ND	0.0250	1	09/26/22	09/26/22	
o-Xylene	ND	0.0250	1	09/26/22	09/26/22	
p,m-Xylene	ND	0.0500	1	09/26/22	09/26/22	
Total Xylenes	ND	0.0250	1	09/26/22	09/26/22	
<i>Surrogate: Bromofluorobenzene</i>		97.3 %	70-130	09/26/22	09/26/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		93.0 %	70-130	09/26/22	09/26/22	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	09/26/22	09/26/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240001
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/26/22	09/26/22	
<i>Surrogate: Bromofluorobenzene</i>		97.3 %	70-130	09/26/22	09/26/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		93.0 %	70-130	09/26/22	09/26/22	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	09/26/22	09/26/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2240016
Diesel Range Organics (C10-C28)	ND	25.0	1	09/27/22	09/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/27/22	09/30/22	
<i>Surrogate: n-Nonane</i>		80.9 %	50-200	09/27/22	09/30/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2240007
Chloride	ND	20.0	1	09/26/22	09/28/22	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 #7 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 10/3/2022 3:49:50PM
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**BG2**

**E209142-22**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240001
Benzene	ND	0.0250	1	09/26/22	09/26/22	
Ethylbenzene	ND	0.0250	1	09/26/22	09/26/22	
Toluene	ND	0.0250	1	09/26/22	09/26/22	
o-Xylene	ND	0.0250	1	09/26/22	09/26/22	
p,m-Xylene	ND	0.0500	1	09/26/22	09/26/22	
Total Xylenes	ND	0.0250	1	09/26/22	09/26/22	
<i>Surrogate: Bromofluorobenzene</i>		96.9 %	70-130	09/26/22	09/26/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.8 %	70-130	09/26/22	09/26/22	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	09/26/22	09/26/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240001
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/26/22	09/26/22	
<i>Surrogate: Bromofluorobenzene</i>		96.9 %	70-130	09/26/22	09/26/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.8 %	70-130	09/26/22	09/26/22	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	09/26/22	09/26/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2240016
Diesel Range Organics (C10-C28)	ND	25.0	1	09/27/22	09/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/27/22	09/30/22	
<i>Surrogate: n-Nonane</i>		83.3 %	50-200	09/27/22	09/30/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2240007
Chloride	ND	20.0	1	09/26/22	09/28/22	



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 #7 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 10/3/2022 3:49:50PM
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#### Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec %	Rec Limits	RPD %	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

#### Blank (2240001-BLK1)

Prepared: 09/26/22 Analyzed: 09/26/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.485		0.500		96.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.460		0.500		92.0	70-130			
Surrogate: Toluene-d8	0.529		0.500		106	70-130			

#### LCS (2240001-BS1)

Prepared: 09/26/22 Analyzed: 09/26/22

Benzene	1.97	0.0250	2.50		78.6	70-130			
Ethylbenzene	2.02	0.0250	2.50		80.7	70-130			
Toluene	1.97	0.0250	2.50		79.0	70-130			
o-Xylene	1.88	0.0250	2.50		75.0	70-130			
p,m-Xylene	3.75	0.0500	5.00		74.9	70-130			
Total Xylenes	5.62	0.0250	7.50		75.0	70-130			
Surrogate: Bromofluorobenzene	0.497		0.500		99.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.463		0.500		92.5	70-130			
Surrogate: Toluene-d8	0.529		0.500		106	70-130			

#### LCS Dup (2240001-BSD1)

Prepared: 09/26/22 Analyzed: 09/26/22

Benzene	2.22	0.0250	2.50		89.0	70-130	12.4	23	
Ethylbenzene	2.29	0.0250	2.50		91.5	70-130	12.6	27	
Toluene	2.25	0.0250	2.50		90.1	70-130	13.2	24	
o-Xylene	2.15	0.0250	2.50		85.9	70-130	13.5	27	
p,m-Xylene	4.25	0.0500	5.00		85.0	70-130	12.6	27	
Total Xylenes	6.40	0.0250	7.50		85.3	70-130	12.9	27	
Surrogate: Bromofluorobenzene	0.503		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.483		0.500		96.5	70-130			
Surrogate: Toluene-d8	0.535		0.500		107	70-130			



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 #7 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 10/3/2022 3:49:50PM
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#### Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2240002-BLK1)**

Prepared: 09/26/22 Analyzed: 09/26/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.06		8.00		101	70-130			

**LCS (2240002-BS1)**

Prepared: 09/26/22 Analyzed: 09/26/22

Benzene	5.05	0.0250	5.00		101	70-130			
Ethylbenzene	4.13	0.0250	5.00		82.5	70-130			
Toluene	4.39	0.0250	5.00		87.8	70-130			
o-Xylene	4.19	0.0250	5.00		83.7	70-130			
p,m-Xylene	8.37	0.0500	10.0		83.7	70-130			
Total Xylenes	12.6	0.0250	15.0		83.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.01		8.00		100	70-130			

**LCS Dup (2240002-BSD1)**

Prepared: 09/26/22 Analyzed: 09/26/22

Benzene	5.16	0.0250	5.00		103	70-130	2.10	20	
Ethylbenzene	4.22	0.0250	5.00		84.3	70-130	2.18	20	
Toluene	4.49	0.0250	5.00		89.7	70-130	2.23	20	
o-Xylene	4.28	0.0250	5.00		85.6	70-130	2.24	20	
p,m-Xylene	8.56	0.0500	10.0		85.6	70-130	2.22	20	
Total Xylenes	12.8	0.0250	15.0		85.6	70-130	2.23	20	
Surrogate: 4-Bromochlorobenzene-PID	8.03		8.00		100	70-130			



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 #7 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 10/3/2022 3:49:50PM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2240001-BLK1)**

Prepared: 09/26/22 Analyzed: 09/26/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.485		0.500		96.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.460		0.500		92.0	70-130			
Surrogate: Toluene-d8	0.529		0.500		106	70-130			

**LCS (2240001-BS2)**

Prepared: 09/26/22 Analyzed: 09/26/22

Gasoline Range Organics (C6-C10)	51.9	20.0	50.0		104	70-130			
Surrogate: Bromofluorobenzene	0.487		0.500		97.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.464		0.500		92.8	70-130			
Surrogate: Toluene-d8	0.534		0.500		107	70-130			

**LCS Dup (2240001-BSD2)**

Prepared: 09/26/22 Analyzed: 09/26/22

Gasoline Range Organics (C6-C10)	53.3	20.0	50.0		107	70-130	2.68	20	
Surrogate: Bromofluorobenzene	0.490		0.500		98.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.481		0.500		96.1	70-130			
Surrogate: Toluene-d8	0.529		0.500		106	70-130			



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 #7 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 10/3/2022 3:49:50PM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2240002-BLK1)**

Prepared: 09/26/22 Analyzed: 09/26/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.63		8.00		82.8	70-130			

**LCS (2240002-BS2)**

Prepared: 09/26/22 Analyzed: 09/26/22

Gasoline Range Organics (C6-C10)	47.1	20.0	50.0		94.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.02		8.00		87.7	70-130			

**LCS Dup (2240002-BSD2)**

Prepared: 09/26/22 Analyzed: 09/26/22

Gasoline Range Organics (C6-C10)	46.5	20.0	50.0		93.0	70-130	1.25	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.99		8.00		87.4	70-130			



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 #7 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 10/3/2022 3:49:50PM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2240016-BLK1)**

Prepared: 09/27/22 Analyzed: 09/29/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	40.3		50.0		80.5	50-200			

**LCS (2240016-BS1)**

Prepared: 09/27/22 Analyzed: 09/29/22

Diesel Range Organics (C10-C28)	255	25.0	250		102	38-132			
Surrogate: n-Nonane	41.9		50.0		83.7	50-200			

**Matrix Spike (2240016-MS1)**

Source: E209136-10

Prepared: 09/27/22 Analyzed: 09/29/22

Diesel Range Organics (C10-C28)	255	25.0	250	ND	102	38-132			
Surrogate: n-Nonane	40.3		50.0		80.6	50-200			

**Matrix Spike Dup (2240016-MSD1)**

Source: E209136-10

Prepared: 09/27/22 Analyzed: 09/29/22

Diesel Range Organics (C10-C28)	262	25.0	250	ND	105	38-132	2.51	20	
Surrogate: n-Nonane	40.2		50.0		80.4	50-200			



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 #7 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 10/3/2022 3:49:50PM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2240018-BLK1)**

Prepared: 09/28/22 Analyzed: 09/30/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	36.4		50.0		72.7	50-200			

**LCS (2240018-BS1)**

Prepared: 09/28/22 Analyzed: 09/30/22

Diesel Range Organics (C10-C28)	211	25.0	250		84.6	38-132			
Surrogate: <i>n</i> -Nonane	36.8		50.0		73.6	50-200			

**Matrix Spike (2240018-MS1)**

Source: E209142-14

Prepared: 09/28/22 Analyzed: 09/30/22

Diesel Range Organics (C10-C28)	236	25.0	250	ND	94.6	38-132			
Surrogate: <i>n</i> -Nonane	36.2		50.0		72.4	50-200			

**Matrix Spike Dup (2240018-MSD1)**

Source: E209142-14

Prepared: 09/28/22 Analyzed: 09/30/22

Diesel Range Organics (C10-C28)	215	25.0	250	ND	86.0	38-132	9.44	20	
Surrogate: <i>n</i> -Nonane	33.0		50.0		66.0	50-200			



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 #7 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 10/3/2022 3:49:50PM
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#### Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2240007-BLK1)**

Prepared: 09/26/22 Analyzed: 09/28/22

Chloride ND 20.0

**LCS (2240007-BS1)**

Prepared: 09/26/22 Analyzed: 09/28/22

Chloride 250 20.0 250 100 90-110

**Matrix Spike (2240007-MS1)**

Source: E209138-21

Prepared: 09/26/22 Analyzed: 09/28/22

Chloride 272 20.0 250 23.8 99.4 80-120

**Matrix Spike Dup (2240007-MSD1)**

Source: E209138-21

Prepared: 09/26/22 Analyzed: 09/28/22

Chloride 272 20.0 250 23.8 99.4 80-120 0.0320 20



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 #7 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 10/3/2022 3:49:50PM
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#### Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2240076-BLK1)**

Prepared: 09/29/22 Analyzed: 09/30/22

Chloride	ND	20.0							
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**LCS (2240076-BS1)**

Prepared: 09/29/22 Analyzed: 09/30/22

Chloride	259	20.0	250		103	90-110			
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**LCS Dup (2240076-BSD1)**

Prepared: 09/29/22 Analyzed: 09/30/22

Chloride	255	20.0	250		102	90-110	1.24	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.



### Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	Jasper 32 #7	
PO Box 247	Project Number:	01058-0007	<b>Reported:</b>
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/03/22 15:49

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with \*\* are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Project Information

Chain of Custody

<b>Client:</b> Pima Environmental Services <b>Project:</b> JACOBER 32#7 <b>Project Manager:</b> Tom Bynum <b>Address:</b> 5614 N. Lovington Hwy. <b>City, State, Zip:</b> Hobbs, NM, 88240 <b>Phone:</b> 580-748-1613 <b>Email:</b> tom@pimaoil.com <b>Report due by:</b>		<b>Bill To:</b> <b>Attention:</b> Devon Energy <b>Address:</b> <b>City, State, Zip:</b> <b>Phone:</b> <b>Email:</b> <b>Pima Project #</b> 24		<b>Lab Use Only:</b> <b>Lab No:</b> 20715192 <b>Lab Number:</b> 01056007		<b>TAT</b> 1D 2D 3D Standard X			<b>EPA Program</b> CWA SDWA RCRA	
				<b>Analysis and Method</b> DRO/DRO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BDOC NM BDOC TX		<b>State</b> NM CO UT AZ TX X			<b>Remarks</b>	

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BDOC NM	BDOC TX	Remarks
8:00	9/22/22	S	1	S5 1'	1							X		
8:05				S5 2'	2									
8:10				S5 3'	3									
8:15				S5 4'	4									
8:20				S6 3'	5									
8:25				S6 4'	6									
8:30				S7 1'	7									
8:35				S7 2'	8									
8:40				S7 3'	9									
8:45				S7 4'	10									

**Additional Instructions:** (20715192)

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.

<b>Relinquished by: (Signature)</b> [Signature]				<b>Date</b> 9/23/22		<b>Time</b> 2:30		<b>Received by: (Signature)</b> [Signature]				<b>Date</b> 9/23/22		<b>Time</b> 3:00		<b>Lab Use Only</b> (received on ice) <input checked="" type="checkbox"/> N	
<b>Relinquished by: (Signature)</b> [Signature]				<b>Date</b> 9/23/22		<b>Time</b> 9:00		<b>Received by: (Signature)</b> [Signature]				<b>Date</b> 9/26/22		<b>Time</b> 9:00		<b>AVG Temp °C</b> 4	

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.

Project Information

Chain of Custody

<b>Client: Pima Environmental Services</b> Project: JOGPER 32#7 Project Manager: Tom Bynum Address: 5614 N. Lovington Hwy. City, State, Zip Hobbs, NM. 88240 Phone: 580-748-1613 Email: tom@pimaoil.com Report due by:		<b>Bill To</b> Attention: <u>DEVON ENERGY</u> Address: City, State, Zip Phone: Email: Pima Project #		<b>Lab Use Only</b> Lab Work: <u>E 209/42</u> Job Number: <u>01058-0007</u>		<b>TAT</b> 1D 2D 3D Standard X			<b>EPA Program</b> CWA SDWA RCRA	
				<b>Analysis and Method</b> DRO/DRO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDOC NM BGDOC TX		<b>State</b> NM CO UT AZ TX X		<b>Remarks</b>		

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
8:50	9/22/22	S	1	S8 3'	11							X		
8:55				S8 4'	12									
9:00				S9 1'	13									
9:05				S9 2'	14									
9:10				S9 3'	15									
9:15				S9 4'	16									
9:20				SW1	17									
9:25				SW2	18									
9:30				SW3	19									
9:35				SW4	20									

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.

Relinquished by: (Signature) <u>[Signature]</u>	Date 9/23/22	Time 2:30	Received by: (Signature) <u>[Signature]</u>	Date 9-23-22	Time 3:00	<b>Lab Use Only</b> Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
Relinquished by: (Signature) <u>[Signature]</u>	Date 9-23-22	Time 4:15	Received by: (Signature) <u>[Signature]</u>	Date 9/23/22	Time 9:00	
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.

Project Information

Chain of Custody

<b>Client: Pima Environmental Services</b> Project: <u>INOPER 32#1</u> Project Manager: <u>Tom Bynum</u> Address: <u>5614 N. Lovington Hwy.</u> City, State, Zip: <u>Hobbs, NM, 88240</u> Phone: <u>580-748-1613</u> Email: <u>tom@pimaoil.com</u> Report due by: _____		<b>Bill To</b> Attention: <u>DEVON Energy</u> Address: _____ City, State, Zip: _____ Phone: _____ Email: _____ Pima Project #: _____		<b>Lab Use Only</b> Lab Work # <u>E 209142</u> Job Number <u>01057-0007</u>		<b>TAT</b> 1D <input type="checkbox"/> 2D <input type="checkbox"/> 3D <input type="checkbox"/> Standard <input checked="" type="checkbox"/>		<b>EPA Program</b> CWA <input type="checkbox"/> SDWA <input type="checkbox"/> RCRA <input type="checkbox"/>	
--	--	--	--	---	--	--	--	--	--

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	State					Remarks			
														NM	CO	UT	AZ	TX				
9:40	9/22/22	S	1	BQ1	21							X										
9:45	L	L	L	BQ2	22							+										

**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.

Relinquished by: (Signature) <u>Andrea Landino</u> Date <u>9/23/22</u> Time <u>2:30</u>				Received by: (Signature) <u>Paula Ch...</u> Date <u>9-23-22</u> Time <u>3:20</u>				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) <u>[Signature]</u> Date <u>9-23-22</u> Time <u>4:15</u>				Received by: (Signature) <u>Paula Ch...</u> Date <u>9/26/22</u> Time <u>9:00</u>				Received on ice: <input checked="" type="checkbox"/> N	
Relinquished by: (Signature) _____ Date _____ Time _____				Received by: (Signature) _____ Date _____ Time _____				T1 _____ T2 _____ T3 _____	
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____						Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA _____			

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.



Envirotech Analytical Laboratory

Printed: 9/26/2022 9:53:33AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client: Pima Environmental Services-Carlsbad Date Received: 09/26/22 09:00 Work Order ID: E209142
Phone: (575) 631-6977 Date Logged In: 09/23/22 16:20 Logged In By: Caitlin Christian
Email: tom@pimaoil.com Due Date: 09/30/22 17:00 (4 day TAT)

Chain of Custody (COC)

- 1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Carrier: UPS

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

Empty box for client instructions.

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

Date



envirotech Inc.

Report to:  
Tom Bynum



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

### Pima Environmental Services-Carlsbad

Project Name: Jasper 32 State Com 7H

Work Order: E305088

Job Number: 01058-0007

Received: 5/16/2023

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
5/17/23

5796 U.S. Hwy 64  
Farmington, NM 87401

Phone: (505) 632-1881  
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.  
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.  
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.  
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.  
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.



Date Reported: 5/17/23

Tom Bynum  
PO Box 247  
Plains, TX 79355-0247

Project Name: Jasper 32 State Com 7H  
Workorder: E305088  
Date Received: 5/16/2023 7:20:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/16/2023 7:20:00AM, under the Project Name: Jasper 32 State Com 7H.

The analytical test results summarized in this report with the Project Name: Jasper 32 State Com 7H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto:labadmin@envirotech-inc.com)

Field Offices:

**Southern New Mexico Area**  
**Lynn Jarboe**  
Technical Representative/Client Services  
Office: 505-421-LABS(5227)  
Cell: 505-320-4759  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

**West Texas Midland/Odessa Area**  
**Rayny Hagan**  
Technical Representative  
Office: 505-421-LABS(5227)

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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### Sample Summary

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 05/17/23 12:51
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS1	E305088-01A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.
CS2	E305088-02A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.
CS3	E305088-03A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.
CS4	E305088-04A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.
CS5	E305088-05A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.
CS6	E305088-06A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.
CS7	E305088-07A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.
CS8	E305088-08A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.
CS9	E305088-09A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.
CS10	E305088-10A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.
CS11	E305088-11A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.
CS12	E305088-12A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.
CS13	E305088-13A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.
CS14	E305088-14A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.
CS15	E305088-15A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.
CS16	E305088-16A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.
CS17	E305088-17A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.
CS18	E305088-18A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.
CS19	E305088-19A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.
CS20	E305088-20A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/17/2023 12:51:37PM
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**CS1**  
**E305088-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		95.7 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.3 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2320022
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>						
		90.4 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2320029
Chloride	ND	20.0	1	05/16/23	05/16/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/17/2023 12:51:37PM
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**CS2**

**E305088-02**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.7 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.1 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2320022
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>		92.0 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2320029
Chloride	ND	20.0	1	05/16/23	05/16/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/17/2023 12:51:37PM
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**CS3**

**E305088-03**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.9 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.4 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2320022
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>		92.1 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2320029
Chloride	ND	20.0	1	05/16/23	05/16/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/17/2023 12:51:37PM
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**CS4**

**E305088-04**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.9 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2320022
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>		96.3 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2320029
Chloride	ND	20.0	1	05/16/23	05/16/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/17/2023 12:51:37PM
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**CS5**

**E305088-05**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		97.6 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2320022
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>		93.7 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2320029
Chloride	ND	20.0	1	05/16/23	05/16/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/17/2023 12:51:37PM
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**CS6**

**E305088-06**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.9 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2320022
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>		88.9 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2320029
Chloride	ND	20.0	1	05/16/23	05/16/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/17/2023 12:51:37PM
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CS7

E305088-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.2 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2320022
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>		81.5 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2320029
Chloride	ND	20.0	1	05/16/23	05/16/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/17/2023 12:51:37PM
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**CS8**

**E305088-08**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.2 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2320022
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>		90.6 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2320029
Chloride	ND	20.0	1	05/16/23	05/16/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/17/2023 12:51:37PM
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**CS9**

**E305088-09**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2320027	
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2320027	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.6 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2320022	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>		89.6 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2320029	
Chloride	ND	20.0	1	05/16/23	05/16/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/17/2023 12:51:37PM
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**CS10**

**E305088-10**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.3 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2320022
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>		90.9 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2320029
Chloride	ND	20.0	1	05/16/23	05/16/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/17/2023 12:51:37PM
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**CS11**

**E305088-11**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.9 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.7 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2320022
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>		89.2 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2320029
Chloride	ND	20.0	1	05/16/23	05/16/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/17/2023 12:51:37PM
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**CS12**

**E305088-12**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.9 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.1 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2320022
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>		93.7 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2320029
Chloride	ND	20.0	1	05/16/23	05/16/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/17/2023 12:51:37PM
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**CS13**

**E305088-13**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		95.2 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.4 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2320022
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>						
		93.7 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2320029
Chloride	ND	20.0	1	05/16/23	05/16/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/17/2023 12:51:37PM
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**CS14**

**E305088-14**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.1 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.5 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2320022
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>		92.4 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2320029
Chloride	ND	20.0	1	05/16/23	05/16/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/17/2023 12:51:37PM
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**CS15**

**E305088-15**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		95.9 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.8 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2320022
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>						
		93.9 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2320029
Chloride	ND	20.0	1	05/16/23	05/16/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/17/2023 12:51:37PM
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**CS16**

**E305088-16**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		96.3 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		95.7 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2320022
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>						
		91.1 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2320029
Chloride	ND	20.0	1	05/16/23	05/16/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/17/2023 12:51:37PM
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**CS17**

**E305088-17**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.8 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2320022
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>		94.3 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2320029
Chloride	ND	20.0	1	05/16/23	05/16/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/17/2023 12:51:37PM
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**CS18**

**E305088-18**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.1 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2320022
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>		99.5 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2320029
Chloride	ND	20.0	1	05/16/23	05/16/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/17/2023 12:51:37PM
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**CS19**

**E305088-19**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.1 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2320022
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>		106 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2320029
Chloride	ND	20.0	1	05/16/23	05/16/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/17/2023 12:51:37PM
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**CS20**

**E305088-20**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.9 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2320022
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>		105 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2320029
Chloride	ND	20.0	1	05/16/23	05/16/23	



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/17/2023 12:51:37PM
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#### Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec %	Rec Limits	RPD %	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

**Blank (2320027-BLK1)**

Prepared: 05/16/23 Analyzed: 05/16/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.12		8.00		101	70-130			

**LCS (2320027-BS1)**

Prepared: 05/16/23 Analyzed: 05/16/23

Benzene	4.40	0.0250	5.00		88.0	70-130			
Ethylbenzene	4.62	0.0250	5.00		92.4	70-130			
Toluene	4.75	0.0250	5.00		94.9	70-130			
o-Xylene	4.87	0.0250	5.00		97.5	70-130			
p,m-Xylene	9.55	0.0500	10.0		95.5	70-130			
Total Xylenes	14.4	0.0250	15.0		96.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.13		8.00		102	70-130			

**Matrix Spike (2320027-MS1)**

Source: E305088-07

Prepared: 05/16/23 Analyzed: 05/16/23

Benzene	4.27	0.0250	5.00	ND	85.4	54-133			
Ethylbenzene	4.48	0.0250	5.00	ND	89.6	61-133			
Toluene	4.62	0.0250	5.00	ND	92.4	61-130			
o-Xylene	4.74	0.0250	5.00	ND	94.8	63-131			
p,m-Xylene	9.27	0.0500	10.0	ND	92.7	63-131			
Total Xylenes	14.0	0.0250	15.0	ND	93.4	63-131			
Surrogate: 4-Bromochlorobenzene-PID	8.25		8.00		103	70-130			

**Matrix Spike Dup (2320027-MSD1)**

Source: E305088-07

Prepared: 05/16/23 Analyzed: 05/16/23

Benzene	4.33	0.0250	5.00	ND	86.6	54-133	1.42	20	
Ethylbenzene	4.54	0.0250	5.00	ND	90.8	61-133	1.41	20	
Toluene	4.68	0.0250	5.00	ND	93.5	61-130	1.26	20	
o-Xylene	4.80	0.0250	5.00	ND	96.0	63-131	1.22	20	
p,m-Xylene	9.41	0.0500	10.0	ND	94.1	63-131	1.50	20	
Total Xylenes	14.2	0.0250	15.0	ND	94.7	63-131	1.40	20	
Surrogate: 4-Bromochlorobenzene-PID	8.23		8.00		103	70-130			



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/17/2023 12:51:37PM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2320027-BLK1)**

Prepared: 05/16/23 Analyzed: 05/16/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.42		8.00		92.7	70-130			

**LCS (2320027-BS2)**

Prepared: 05/16/23 Analyzed: 05/17/23

Gasoline Range Organics (C6-C10)	52.8	20.0	50.0		106	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.52		8.00		94.0	70-130			

**Matrix Spike (2320027-MS2)**

Source: E305088-07

Prepared: 05/16/23 Analyzed: 05/16/23

Gasoline Range Organics (C6-C10)	43.8	20.0	50.0	ND	87.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00		91.8	70-130			

**Matrix Spike Dup (2320027-MSD2)**

Source: E305088-07

Prepared: 05/16/23 Analyzed: 05/17/23

Gasoline Range Organics (C6-C10)	52.1	20.0	50.0	ND	104	70-130	17.3	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.41		8.00		92.7	70-130			



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/17/2023 12:51:37PM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2320022-BLK1)**

Prepared: 05/16/23 Analyzed: 05/16/23

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	43.7		50.0		87.4	50-200			

**LCS (2320022-BS1)**

Prepared: 05/16/23 Analyzed: 05/16/23

Diesel Range Organics (C10-C28)	266	25.0	250		106	38-132			
Surrogate: <i>n</i> -Nonane	42.3		50.0		84.7	50-200			

**Matrix Spike (2320022-MS1)**

Source: E305088-05

Prepared: 05/16/23 Analyzed: 05/16/23

Diesel Range Organics (C10-C28)	274	25.0	250	ND	110	38-132			
Surrogate: <i>n</i> -Nonane	44.2		50.0		88.5	50-200			

**Matrix Spike Dup (2320022-MSD1)**

Source: E305088-05

Prepared: 05/16/23 Analyzed: 05/16/23

Diesel Range Organics (C10-C28)	273	25.0	250	ND	109	38-132	0.499	20	
Surrogate: <i>n</i> -Nonane	42.2		50.0		84.5	50-200			



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/17/2023 12:51:37PM
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#### Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2320029-BLK1)**

Prepared: 05/16/23 Analyzed: 05/16/23

Chloride ND 20.0

**LCS (2320029-BS1)**

Prepared: 05/16/23 Analyzed: 05/16/23

Chloride 246 20.0 250 98.4 90-110

**Matrix Spike (2320029-MS1)**

Source: E305088-01

Prepared: 05/16/23 Analyzed: 05/16/23

Chloride 251 20.0 250 ND 101 80-120

**Matrix Spike Dup (2320029-MSD1)**

Source: E305088-01

Prepared: 05/16/23 Analyzed: 05/16/23

Chloride 252 20.0 250 ND 101 80-120 0.287 20

QC Summary Report Comment:

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



### Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	Jasper 32 State Com 7H	
PO Box 247	Project Number:	01058-0007	<b>Reported:</b>
Plains TX, 79355-0247	Project Manager:	Tom Bynum	05/17/23 12:51

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with \*\* are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Client: Pima Environmental Services  
 Project: Jasper St State Corn 7A  
 Project Manager: Tom Bynum  
 Address: 5614 N. Lovington Hwy.  
 City, State, Zip Hobbs, NM, 88240  
 Phone: 580-748-1613  
 Email: tom@pimaoil.com  
 Report due by:

Bill To  
 Attention: Devon  
 Address:  
 City, State, Zip  
 Phone:  
 Email:  
 Pima Project # 1-24-1

Lab Use Only  
 Lab WO# E 305088 Job Number 01058 0057  
 1D  2D  3D  Standard   
 EPA Program  
 CWA  SDWA   
 RCRA

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   
 State  
 NM  CO  UT  AZ  TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
8:00	5/14/23	S	1	CS 1	1							X		
8:05				CS 2	2									
8:10				CS 3	3									
8:15				CS 4	4									
8:20				CS 5	5									
8:25				CS 6	6									
8:30				CS 7	7									
8:35				CS 8	8									
8:40				CS 9	9									
8:45				CS 10	10									

Additional Instructions: BH 2/137293

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

Relinquished by: (Signature) <u>Kerime Adame</u>	Date <u>5-15-23</u>	Time <u>1715</u>	Received by: (Signature) <u>Michelle Campy</u>	Date <u>5-15-23</u>	Time <u>1400</u>
Relinquished by: (Signature) <u>Michelle Campy</u>	Date <u>5-15-23</u>	Time <u>1715</u>	Received by: (Signature) <u>Andrew Messo</u>	Date <u>5-15-23</u>	Time <u>1730</u>
Relinquished by: (Signature) <u>Andrew Messo</u>	Date <u>5-15-23</u>	Time <u>2330</u>	Received by: (Signature) <u>Deane Zeffi</u>	Date <u>05/16/23</u>	Time <u>7:20</u>

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.

Lab Use Only  
 Received on ice:  Y /  N  
 T1 \_\_\_\_\_ T2 \_\_\_\_\_ T3 \_\_\_\_\_  
 AVG Temp °C 4.0

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.

Project Information

Chain of Custody

Client: Pima Environmental Services Project: <u>Jasper 3L State COM 17A</u> Project Manager: Tom Bynum Address: 5614 N. Lovington Hwy. City, State, Zip Hobbs, NM, 88240 Phone: 580-748-1613 Email: tom@pimaoil.com Report due by:		Bill To Attention: <u>Devon</u> Address: City, State, Zip Phone: Email: Pima Project # <u>1-24-1</u>		Lab Use Only Lab WO# <u>E 305088</u> Job Number <u>01058-0007</u>		TAT 1D <input checked="" type="checkbox"/> 2D <input type="checkbox"/> 3D <input type="checkbox"/> Standard <input type="checkbox"/>				EPA Program CWA <input type="checkbox"/> SDWA <input type="checkbox"/> RCRA <input type="checkbox"/>	
		Analysis and Method DRO/DRO by 8015 <input type="checkbox"/> GRO/DRO by 8015 <input type="checkbox"/> BTEX by 8021 <input type="checkbox"/> VOC by 8260 <input type="checkbox"/> Metals 6010 <input type="checkbox"/> Chloride 300.0 <input type="checkbox"/> BGDOC NM <input checked="" type="checkbox"/> BGDOC TX <input type="checkbox"/>		State NM <input checked="" type="checkbox"/> CO <input type="checkbox"/> UT <input type="checkbox"/> AZ <input type="checkbox"/> TX <input type="checkbox"/>							

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
8:50	5/11/23	S	1	CS 11	11							X		
8:55				CS 12	12									
9:00				CS 13	13									
9:05				CS 14	14									
9:10				CS 15	15									
9:15				CS 16	16									
9:20				CS 17	17									
9:25				CS 18	18									
9:30				CS 19	19									
9:35				CS 20	20									

**Additional Instructions:** B# 21137293

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: A.F.

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) <u>Karime Abene</u>	Date	Time	Received by: (Signature) <u>Michelle Gungah</u>	Date	Time	Lab Use Only Received on ice: <input checked="" type="checkbox"/> / N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4.0</u>
Relinquished by: (Signature) <u>Michelle Gungah</u>	5-15-23	1715	Received by: (Signature) <u>Andrew Russo</u>	5-15-23	1730	
Relinquished by: (Signature) <u>Andrew Russo</u>	5-15-23	2330	Received by: (Signature) <u>Devon Ziggis</u>	5/16/23	7:20	

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other \_\_\_\_\_ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.



Envirotech Analytical Laboratory

Printed: 5/16/2023 11:08:02AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Pima Environmental Services-Carlsbad	Date Received:	05/16/23 07:20	Work Order ID:	E305088
Phone:	(575) 631-6977	Date Logged In:	05/15/23 16:31	Logged In By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:	05/16/23 17:00 (0 day TAT)		

**Chain of Custody (COC)**

- 1. Does the sample ID match the COC? Yes
- 2. Does the number of samples per sampling site location match the COC? Yes
- 3. Were samples dropped off by client or carrier? Yes
- 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
- 5. Were all samples received within holding time? Yes

Carrier: Courier

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

**Sample Turn Around Time (TAT)**

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

**Sample Cooler**

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

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

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

**Sample Container**

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

**Field Label**

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

**Sample Preservation**

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

**Multiphase Sample Matrix**

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

**Subcontract Laboratory**

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

**Comments/Resolution**

Project Jasper 32 State Com 7H has been separated into 2 reports due to sample volume. Workorders are as follows: E305088 & E305089.

**Client Instruction**

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

Date



envirotech Inc.

Report to:  
Tom Bynum



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

### Pima Environmental Services-Carlsbad

Project Name: Jasper 32 State Com 7H

Work Order: E305089

Job Number: 01058-0007

Received: 5/16/2023

Revision: 0

Report Reviewed By:

**Draft**

Walter Hinchman  
Laboratory Director  
5/16/23

5796 U.S. Hwy 64  
Farmington, NM 87401

Phone: (505) 632-1881  
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.  
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.  
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.  
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.  
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.



Date Reported: 5/16/23

Tom Bynum  
PO Box 247  
Plains, TX 79355-0247

Project Name: Jasper 32 State Com 7H  
Workorder: E305089  
Date Received: 5/16/2023 7:20:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/16/2023 7:20:00AM, under the Project Name: Jasper 32 State Com 7H.

The analytical test results summarized in this report with the Project Name: Jasper 32 State Com 7H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
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**Alexa Michaels**  
Sample Custody Officer  
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Field Offices:

**Southern New Mexico Area**  
**Lynn Jarboe**  
Technical Representative/Client Services  
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[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

**West Texas Midland/Odessa Area**  
**Rayny Hagan**  
Technical Representative  
Office: 505-421-LABS(5227)

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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### Sample Summary

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 05/16/23 16:22
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS21	E305089-01A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.
CS22	E305089-02A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.
CS23	E305089-03A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.
CS24	E305089-04A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.
CS25	E305089-05A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.
CS26	E305089-06A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.
CSW1	E305089-07A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.
CSW2	E305089-08A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.
CSW3	E305089-09A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.
CSW4	E305089-10A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.
CSW5	E305089-11A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.
CSW6	E305089-12A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.
CSW7	E305089-13A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.
CSW8	E305089-14A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.

### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/16/2023 4:22:05PM
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**CS21  
E305089-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: Bromofluorobenzene</i>		108 %	70-130	05/16/23	05/16/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.6 %	70-130	05/16/23	05/16/23	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: Bromofluorobenzene</i>		108 %	70-130	05/16/23	05/16/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.6 %	70-130	05/16/23	05/16/23	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2320023
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>		92.4 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2320028
Chloride	ND	20.0	1	05/16/23	05/16/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/16/2023 4:22:05PM
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**CS22**

**E305089-02**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	05/16/23	05/16/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.8 %	70-130	05/16/23	05/16/23	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	05/16/23	05/16/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.8 %	70-130	05/16/23	05/16/23	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2320023
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>		89.3 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2320028
Chloride	ND	20.0	1	05/16/23	05/16/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/16/2023 4:22:05PM
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**CS23**

**E305089-03**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: Bromofluorobenzene</i>		105 %	70-130	05/16/23	05/16/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.0 %	70-130	05/16/23	05/16/23	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: Bromofluorobenzene</i>		105 %	70-130	05/16/23	05/16/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.0 %	70-130	05/16/23	05/16/23	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2320023
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>		99.4 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2320028
Chloride	ND	20.0	1	05/16/23	05/16/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/16/2023 4:22:05PM
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**CS24**

**E305089-04**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: Bromofluorobenzene</i>		99.1 %	70-130	05/16/23	05/16/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	05/16/23	05/16/23	
<i>Surrogate: Toluene-d8</i>		99.6 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: Bromofluorobenzene</i>		99.1 %	70-130	05/16/23	05/16/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	05/16/23	05/16/23	
<i>Surrogate: Toluene-d8</i>		99.6 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2320023
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>		94.3 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2320028
Chloride	ND	20.0	1	05/16/23	05/16/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/16/2023 4:22:05PM
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**CS25**

**E305089-05**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: Bromofluorobenzene</i>		98.7 %	70-130	05/16/23	05/16/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	05/16/23	05/16/23	
<i>Surrogate: Toluene-d8</i>		99.6 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: Bromofluorobenzene</i>		98.7 %	70-130	05/16/23	05/16/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	05/16/23	05/16/23	
<i>Surrogate: Toluene-d8</i>		99.6 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2320023
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>		105 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2320028
Chloride	ND	20.0	1	05/16/23	05/16/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/16/2023 4:22:05PM
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**CS26**

**E305089-06**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: Bromofluorobenzene</i>		100 %	70-130	05/16/23	05/16/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	05/16/23	05/16/23	
<i>Surrogate: Toluene-d8</i>		98.4 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: Bromofluorobenzene</i>		100 %	70-130	05/16/23	05/16/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	05/16/23	05/16/23	
<i>Surrogate: Toluene-d8</i>		98.4 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2320023
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>		105 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2320028
Chloride	ND	20.0	1	05/16/23	05/16/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/16/2023 4:22:05PM
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**CSW1**  
**E305089-07**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	05/16/23	05/16/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		105 %	70-130	05/16/23	05/16/23	
<i>Surrogate: Toluene-d8</i>		99.3 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	05/16/23	05/16/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		105 %	70-130	05/16/23	05/16/23	
<i>Surrogate: Toluene-d8</i>		99.3 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2320023
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>		102 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2320028
Chloride	ND	20.0	1	05/16/23	05/16/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/16/2023 4:22:05PM
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**CSW2**

**E305089-08**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: Bromofluorobenzene</i>		99.8 %	70-130	05/16/23	05/16/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		106 %	70-130	05/16/23	05/16/23	
<i>Surrogate: Toluene-d8</i>		98.4 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: Bromofluorobenzene</i>		99.8 %	70-130	05/16/23	05/16/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		106 %	70-130	05/16/23	05/16/23	
<i>Surrogate: Toluene-d8</i>		98.4 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2320023
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>		105 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2320028
Chloride	ND	20.0	1	05/16/23	05/16/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/16/2023 4:22:05PM
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**CSW3**

**E305089-09**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	05/16/23	05/16/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	05/16/23	05/16/23	
<i>Surrogate: Toluene-d8</i>		99.4 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	05/16/23	05/16/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	05/16/23	05/16/23	
<i>Surrogate: Toluene-d8</i>		99.4 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2320023
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>		106 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2320028
Chloride	ND	20.0	1	05/16/23	05/16/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/16/2023 4:22:05PM
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**CSW4**

**E305089-10**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	05/16/23	05/16/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	05/16/23	05/16/23	
<i>Surrogate: Toluene-d8</i>		99.2 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	05/16/23	05/16/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	05/16/23	05/16/23	
<i>Surrogate: Toluene-d8</i>		99.2 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2320023
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>		103 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2320028
Chloride	ND	20.0	1	05/16/23	05/16/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/16/2023 4:22:05PM
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**CSW5**  
**E305089-11**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	05/16/23	05/16/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		93.9 %	70-130	05/16/23	05/16/23	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	05/16/23	05/16/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		93.9 %	70-130	05/16/23	05/16/23	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2320023
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>		108 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2320028
Chloride	ND	20.0	1	05/16/23	05/16/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/16/2023 4:22:05PM
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**CSW6**

**E305089-12**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	05/16/23	05/16/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	05/16/23	05/16/23	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	05/16/23	05/16/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	05/16/23	05/16/23	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2320023
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>		107 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2320028
Chloride	ND	20.0	1	05/16/23	05/16/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/16/2023 4:22:05PM
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**CSW7**

**E305089-13**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: Bromofluorobenzene</i>		107 %	70-130	05/16/23	05/16/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.1 %	70-130	05/16/23	05/16/23	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: Bromofluorobenzene</i>		107 %	70-130	05/16/23	05/16/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.1 %	70-130	05/16/23	05/16/23	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2320023
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>		105 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2320028
Chloride	ND	20.0	1	05/16/23	05/16/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/16/2023 4:22:05PM
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**CSW8**

**E305089-14**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: Bromofluorobenzene</i>		105 %	70-130	05/16/23	05/16/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.6 %	70-130	05/16/23	05/16/23	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: Bromofluorobenzene</i>		105 %	70-130	05/16/23	05/16/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.6 %	70-130	05/16/23	05/16/23	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2320023
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>		105 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2320028
Chloride	ND	20.0	1	05/16/23	05/16/23	



### Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	Jasper 32 State Com 7H	
PO Box 247	Project Number:	01058-0007	<b>Reported:</b>
Plains TX, 79355-0247	Project Manager:	Tom Bynum	05/16/23 16:22

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with \*\* are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Client: Pima Environmental Services		Bill To		Lab Use Only		TAT			EPA Program						
Project: <u>Jasper 32 State COM 7#</u>		Attention: <u>Devon</u>		Lab WO# <u>E 305084</u>		Job Number <u>01058-0007</u>			1D	2D	3D	Standard	CWA	SDWA	
Project Manager: Tom Bynum		Address:		Analysis and Method									RCRA		
Address: 5614 N. Lovington Hwy.		City, State, Zip		DRO/ORO by 8015		GRO/DRO by 8015		BTEX by 8021		VOC by 8260		Metals 6010		Chloride 300.0	
City, State, Zip Hobbs, NM, 88240		Phone:		BGDOC NM		BGDOC TX									
Phone: 580-748-1613		Email:		State											
Email: tom@pimaoil.com		Pima Project # <u>1.24-1</u>		NM		CO		UT		AZ		TX			
Report due by:				X											

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
9:40	5/14/23	S	1	CS 21	1							X		
9:45				CS 22	2									
9:50				CS 23	3									
9:55				CS 24	4									
10:00				CS 25	5									
10:05				CS 26	6									
10:10				CSW 1	7									
10:15				CSW 2	8									
10:20				CSW 3	9									
10:25				CSW 4	10									

Additional Instructions: B# 21137293

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: AIF

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) <u>Karime Adams</u>	Date	Time	Received by: (Signature) <u>Michelle Kuyala</u>	Date	Time	Lab Use Only Received on ice: <u>(Y) / N</u> T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4.0</u>
Relinquished by: (Signature) <u>Michelle Kuyala</u>	Date	Time	Received by: (Signature) <u>Andrew M...</u>	Date	Time	
Relinquished by: (Signature) <u>Andrew M...</u>	Date	Time	Received by: (Signature) <u>Jenny Z...</u>	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.



Released to Imaging: 7/13/2023 3:06:44 PM

Received by OCD: 5/18/2023 3:30:31 PM

Page 204 of 413

Client: Pima Environmental Services  
 Project: Jasper 32 State Com 7H  
 Project Manager: Tom Bynum  
 Address: 5614 N. Lovington Hwy.  
 City, State, Zip Hobbs, NM, 88240  
 Phone: 580-748-1613  
 Email: tom@pimaoil.com  
 Report due by:

Bill To  
 Attention: Devon  
 Address:  
 City, State, Zip  
 Phone:  
 Email:  
 Pima Project # 1-24-1

Lab Use Only		TAT			EPA Program		
Lab WO# <u>E 305084</u>	Job Number <u>0158-0057</u>	1D	2D	3D	Standard	CWA	SDWA
		<input checked="" type="checkbox"/>					

Analysis and Method										RCRA	
DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX	State	
										NM	CO
										UT	AZ
										TX	

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
10:30	5/14/23	S	1	CSW 5	11							<input checked="" type="checkbox"/>		
10:35			1	CSW 6	12									
10:40			1	CSW 7	13									
10:45			1	CSW 8	14									
[A large diagonal line is drawn across the remaining rows of the table.]														

Additional Instructions: B# 21137293

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature) <u>Kurino Adam</u>	Date	Time	Received by: (Signature) <u>Michelle Gungah</u>	Date	Time	Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4.0</u>
Relinquished by: (Signature) <u>Michelle Gungah</u>	5-15-23	1715	Received by: (Signature) <u>Andrew M/SO</u>	5-15-23	1730	
Relinquished by: (Signature) <u>Andrew M/SO</u>	5-15-23	2330	Received by: (Signature) <u>Shawn Z...</u>	5/16/23	7:20	

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other \_\_\_\_\_ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.



Envirotech Analytical Laboratory

Printed: 5/16/2023 11:08:48AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client: Pima Environmental Services-Carlsbad	Date Received: 05/16/23 07:20	Work Order ID: E305089
Phone: (575) 631-6977	Date Logged In: 05/15/23 16:33	Logged In By: Caitlin Mars
Email: tom@pimaoil.com	Due Date: 05/16/23 17:00 (0 day TAT)	

**Chain of Custody (COC)**

- 1. Does the sample ID match the COC? Yes
- 2. Does the number of samples per sampling site location match the COC? Yes
- 3. Were samples dropped off by client or carrier? Yes
- 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
- 5. Were all samples received within holding time? Yes

Carrier: Courier

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

**Sample Turn Around Time (TAT)**

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

**Sample Cooler**

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

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

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

**Sample Container**

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

**Field Label**

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

**Sample Preservation**

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

**Multiphase Sample Matrix**

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

**Subcontract Laboratory**

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

**Client Instruction**

**Comments/Resolution**

Project Jasper 32 State Com 7H has been separated into 2 reports due to sample volume. Workorders are as follows: E305088 & E305089.

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

Date



envirotech Inc.



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

May 17<sup>th</sup>, 2023

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

**Re: Site Assessment, Remediation, and Closure Report**  
**Jasper 32 State Com 7H**  
**API No. 30-015-40584**  
**GPS: Latitude 32.6235924 Longitude -104.0945587**  
**UL- B, Sec. 32, T19S, R29E**  
**Eddy County, NM**  
**NMOCD Incident ID NAB1911934844**

Devon Energy Production Company (Devon) has contracted Pima Environmental Services LLC (Pima), to perform a spill assessment, remediation, and submit a closure report for a produced water spill that occurred at the Jasper 32 State Com 7H (Jasper). The initial C-141 was submitted on April 4<sup>th</sup>, 2019 (Appendix C). This was assigned with Incident ID NAB1911934844, by the New Mexico Oil Conservation Division (NMOCD).

**Site Characterization**

The Jasper is located approximately fifteen (15) miles northeast of Carlsbad, NM. This spill site is in Unit B, Section 32, Township 19S, Range 29E, Latitude 32.6235924, Longitude -104.0945587, Eddy County, NM. Figure 1 references a Location map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is made up of Piedmont alluvial deposits (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 Potter-Simona complex, 5 to 25 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 high potential for karst geology to be present around the Jasper (Figure 3).

According to the New Mexico Office of the State Engineer, depth to the nearest groundwater in this area is 75 feet below grade surface (BGS). According to the United States Geological Survey (USGS), the nearest groundwater is 67.21 feet BGS. The closest waterway is an unnamed playa located approximately 5.72 miles to the southeast of this location. See Appendix A for referenced water surveys.

Table 1 NMAC and Closure Criteria 19.15.29					
Depth to Groundwater (Appendix A)	Constituent & Limits				
	Chlorides	Total TPH	GRO+DRO	BTEX	Benzene
<50' (High Karst)	600 mg/kg	100 mg/kg		50 mg/kg	10 mg/kg
51-100'	10,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg
>100'	20,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg

Reference Figure 2 for a Topographic map.

**Release Information**

**NAB1911934844:** On September 17<sup>th</sup>, 2018, a missing plug on a ball valve resulted in a release of approximately 67.7 barrels of produced water, approximately 50 barrels of produced water were recovered.

**Site Assessment and Soil Sampling Results**

On July 15<sup>th</sup>, 23<sup>rd</sup>, 2020, and September 22<sup>nd</sup>, 2022, Pima Environmental mobilized personnel to the Jasper to assess the spill. Pima collected fourteen bottom samples (S1-S14) to obtain vertical delineation, four sidewall samples (SW1-SW4) to achieve horizontal delineation and three background samples (BG1-BG3) to obtain a better representation of naturally occurring chlorides in the area. Laboratory results of this sampling event can be found in the following data table. A site map can be found in figure 4.

7-15-2020 and 9-22-2022 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
Devon Energy - Jasper 32 State Com #7H								
Sample Date 7-15-20/ 7-23-2020 / 9-22-22		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	580
S-2	0-6	ND	ND	ND	ND	ND	0	160
S-3	0-6	ND	ND	ND	ND	ND	0	81
S-4	0-6	ND	ND	ND	ND	ND	0	ND
S-5	0-6	ND	ND	ND	16	ND	16	6100
	1'	0.618	ND	29.5	11200	4200	15429.5	1160
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
S-6	4'	ND	ND	ND	ND	ND	0	ND
	0-6	ND	ND	ND	11	ND	11	11000
	1	ND	ND	ND	ND	ND	0	4100
	2	ND	ND	ND	ND	ND	0	2300
S-7	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
	0-6	ND	ND	ND	12	ND	12	1000
	1'	ND	ND	ND	ND	ND	0	931
S-8	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
	0-6	ND	ND	ND	ND	ND	0	23000
S-9	1	ND	ND	ND	ND	ND	0	6700
	2	ND	ND	ND	ND	ND	0	4300
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S-10	0-6	ND	ND	ND	2900	3000	5900	1900
	1'	0.517	ND	ND	13200	5430	18630	2730
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
S-11	4'	ND	ND	ND	ND	ND	0	ND
	0-6	ND	ND	ND	ND	ND	0	510
	0-6	ND	ND	ND	ND	ND	0	ND
	0-6	ND	ND	ND	ND	ND	0	ND
S-12	0-6	ND	ND	ND	ND	ND	0	450
	0-6	ND	ND	ND	ND	ND	0	2400
	1	ND	ND	ND	ND	ND	0	1300
	2	ND	ND	ND	ND	ND	0	870
S-13	3	ND	ND	ND	ND	ND	0	410
	6"	ND	ND	ND	ND	ND	0	ND
	6"	ND	ND	ND	ND	ND	0	48
	6"	ND	ND	ND	ND	ND	0	48
BG 1	6"	ND	ND	ND	ND	ND	0	48
	Surface	ND	ND	ND	ND	ND	0	16
BG 2	1	ND	ND	ND	ND	ND	0	ND
	Surface	ND	ND	ND	ND	ND	0	32

	1	ND	ND	ND	ND	ND	0	ND
BG-3	Surface	ND	ND	ND	ND	ND	0	ND

Nd: Non-Detect

**Remediation Activities**

On May 5<sup>th</sup>, 2023, Pima mobilized personnel and equipment to conduct remedial activities. We excavated the area overlapping soil sample (S5, S7, S9) to a depth of 2 feet, and the area overlapping (S6, S8, S10) was excavated to a depth of 3 feet bgs. Excavation activities were completed on May 12<sup>th</sup>, 2023. Photographic documentation can be found in Appendix D.

An area approximately 115 feet in length by 48 feet wide was excavated to various depths utilizing a backhoe.

On May 14<sup>th</sup>, 2023, after submitting the 48-hour notification (Appendix C), Pima collected confirmation samples. A total of 34 composite samples were collected from the excavated area. Soil samples (CS1-CS26) were collected from the bottom of the excavation, soil samples (SW1-SW8) were collected from the side walls of the excavation. The laboratory results of this sampling event can be found in the following data table. A confirmation map can be found in figure 5.

5-14-23 Confirmation Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
DEVON ENERGY - JASPER 32 STATE COM 7H								
Sample Date: 5/14/23		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
CS 1	3'	ND	ND	ND	ND	ND	ND	ND
CS 2	3'	ND	ND	ND	ND	ND	ND	ND
CS 3	3'	ND	ND	ND	ND	ND	ND	ND
CS 4	3'	ND	ND	ND	ND	ND	ND	ND
CS 5	3'	ND	ND	ND	ND	ND	ND	ND
CS 6	2'	ND	ND	ND	ND	ND	ND	ND
CS 7	2'	ND	ND	ND	ND	ND	ND	ND
CS 8	2'	ND	ND	ND	ND	ND	ND	ND
CS 9	2'	ND	ND	ND	ND	ND	ND	ND
CS 10	2'	ND	ND	ND	ND	ND	ND	ND
CS 11	3'	ND	ND	ND	ND	ND	ND	ND
CS 12	3'	ND	ND	ND	ND	ND	ND	ND
CS 13	3'	ND	ND	ND	ND	ND	ND	ND
CS 14	3'	ND	ND	ND	ND	ND	ND	ND
CS 15	3'	ND	ND	ND	ND	ND	ND	ND
CS 16	3'	ND	ND	ND	ND	ND	ND	ND
CS 17	3'	ND	ND	ND	ND	ND	ND	ND
CS 18	3'	ND	ND	ND	ND	ND	ND	ND
CS 19	3'	ND	ND	ND	ND	ND	ND	ND
CS 20	3'	ND	ND	ND	ND	ND	ND	ND
CS 21	2'	ND	ND	ND	ND	ND	ND	ND
CS 22	2'	ND	ND	ND	ND	ND	ND	ND
CS 23	2'	ND	ND	ND	ND	ND	ND	ND
CS 24	2'	ND	ND	ND	ND	ND	ND	ND
CS 25	2'	ND	ND	ND	ND	ND	ND	ND
CS 26	2'	ND	ND	ND	ND	ND	ND	ND
CSW 1	0-3'	ND	ND	ND	ND	ND	ND	ND
CSW 2	0-2'	ND	ND	ND	ND	ND	ND	ND
CSW 3	0-3'	ND	ND	ND	ND	ND	ND	ND
CSW 4	0-2'	ND	ND	ND	ND	ND	ND	ND
CSW 5	0-2'	ND	ND	ND	ND	ND	ND	ND
CSW 6	0-2'	ND	ND	ND	ND	ND	ND	ND

CSW 7	0-3'	ND						
CSW 8	0-3'	ND						

ND- Analyte Not Detected

Complete laboratory reports can be found in Appendix E.

**Closure Request**

After careful review, Pima requests that this incident, NAB1911934844, be closed. Devon Energy has complied with the applicable closure requirements set forth in rule 19.15.19.12 NMAC.

Should you have any questions or need additional information, please feel free to contact Sebastian Orozco at 619-721-4813 or Sebastian@pimaoil.com.

Respectfully,

*Sebastian Orozco*

Sebastian Orozco  
 Environmental Project Manager  
 Pima Environmental Services, LLC

**Attachments**

Figures:

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

Appendices:

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



Pima Environmental Services

**Figures:**

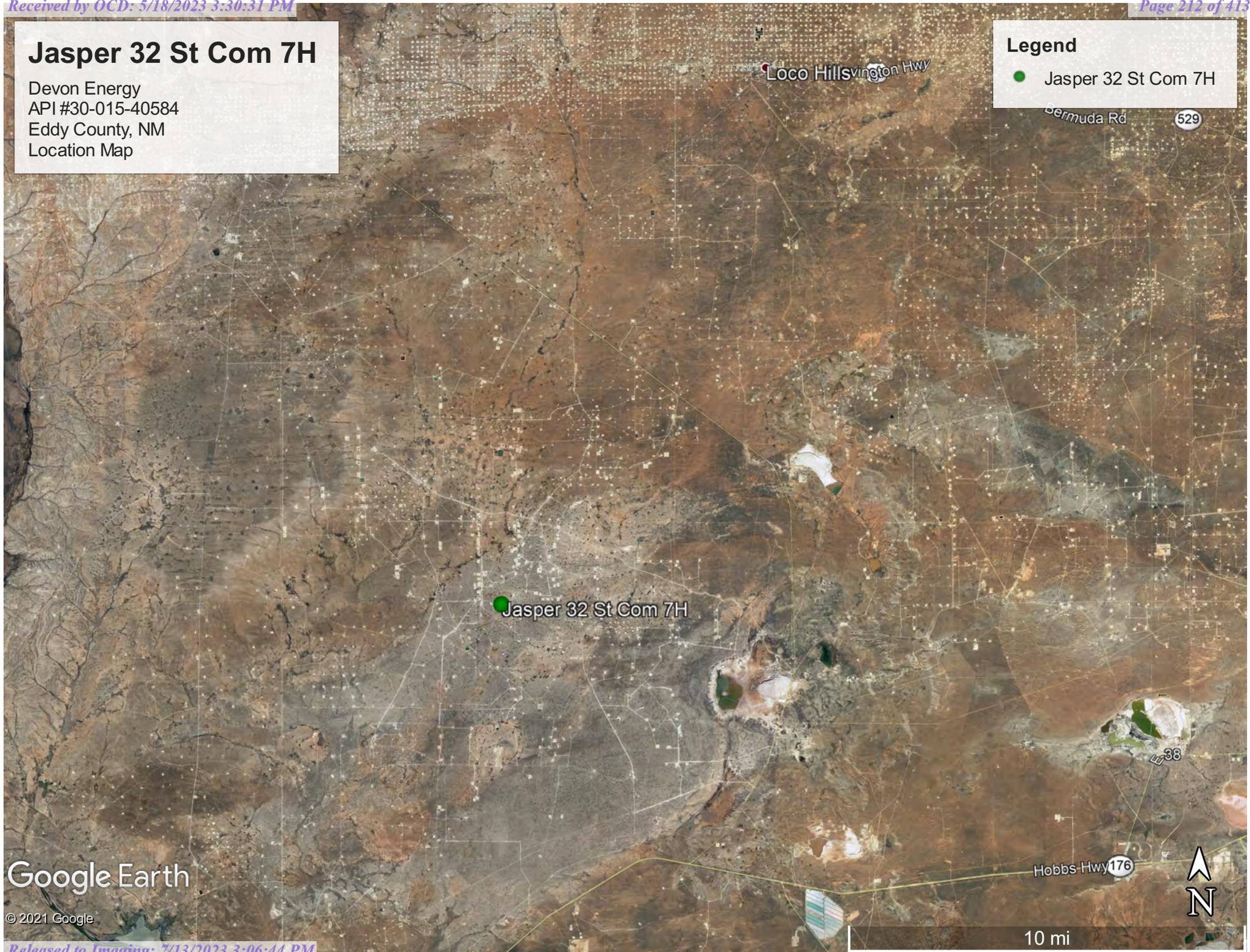
- 1-Location Map
- 2-Topographic Map
- 3-Karst Map
- 4-Site Map
- 5- Confirmation Map

# Jasper 32 St Com 7H

Devon Energy  
API #30-015-40584  
Eddy County, NM  
Location Map

**Legend**

- Jasper 32 St Com 7H



Google Earth

© 2021 Google

10 mi

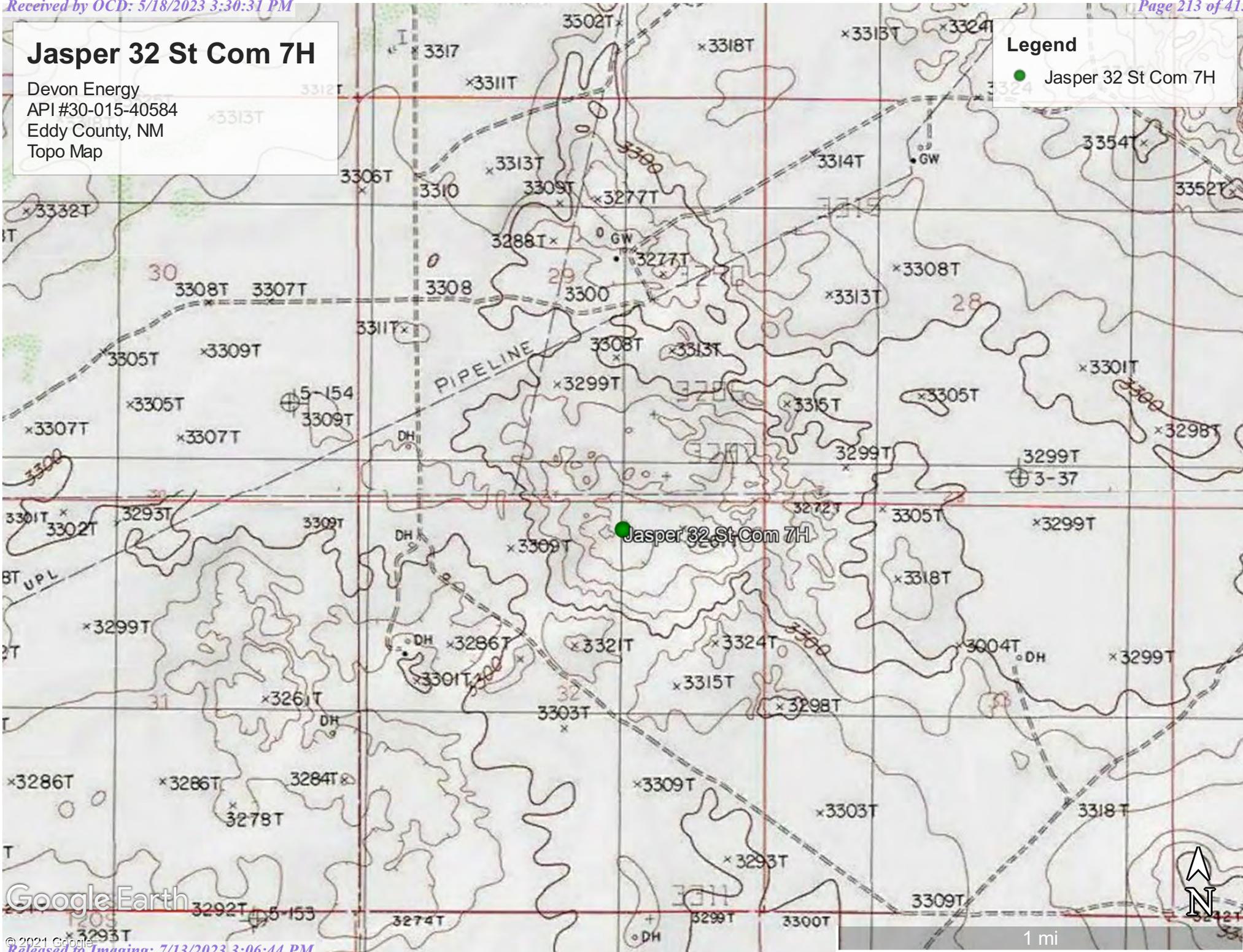


# Jasper 32 St Com 7H

Devon Energy  
API #30-015-40584  
Eddy County, NM  
Topo Map

## Legend

● Jasper 32 St Com 7H

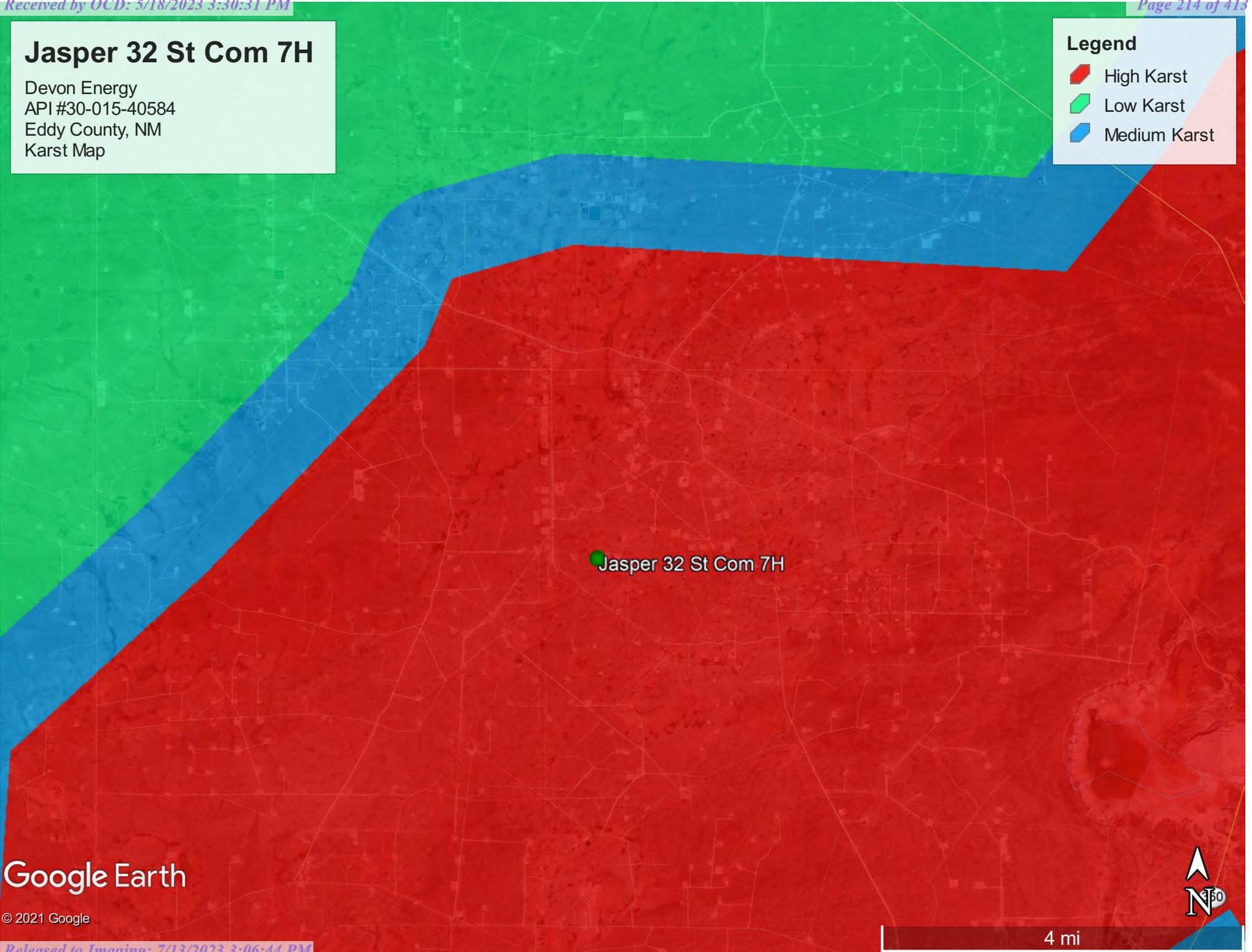


# Jasper 32 St Com 7H

Devon Energy  
API #30-015-40584  
Eddy County, NM  
Karst Map

**Legend**

-  High Karst
-  Low Karst
-  Medium Karst



Jasper 32 St Com 7H

Google Earth

© 2021 Google



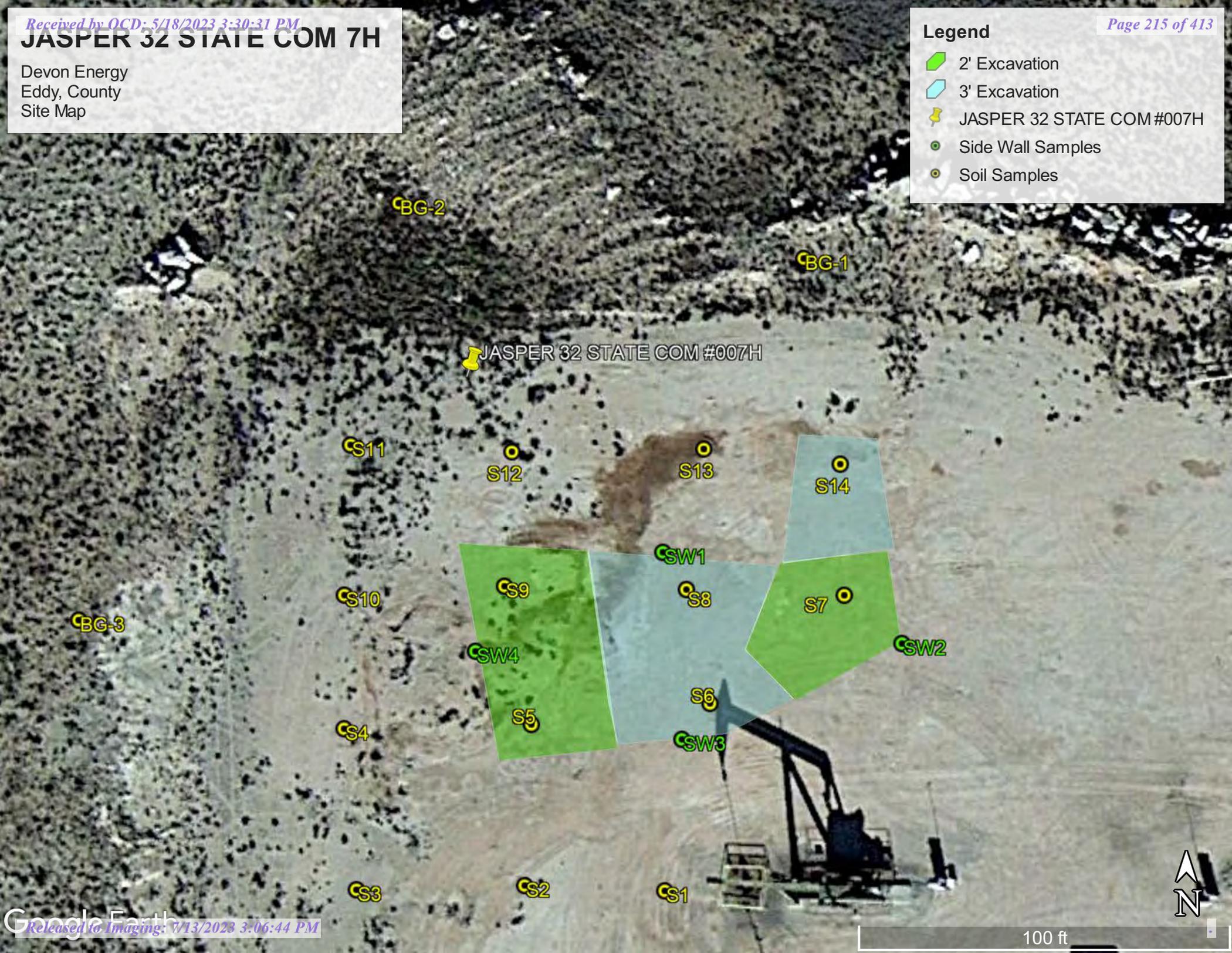
4 mi

# JASPER 32 STATE COM 7H

Devon Energy  
Eddy, County  
Site Map

## Legend

-  2' Excavation
-  3' Excavation
-  JASPER 32 STATE COM #007H
-  Side Wall Samples
-  Soil Samples



CBG-2

CBG-1

JASPER 32 STATE COM #007H

CS11

S12

S13

S14

CS10

CS9

CSW1

S8

S7

CBG-3

CSW4

CSW2

CS4

S5

S6

CSW3

CS3

CS2

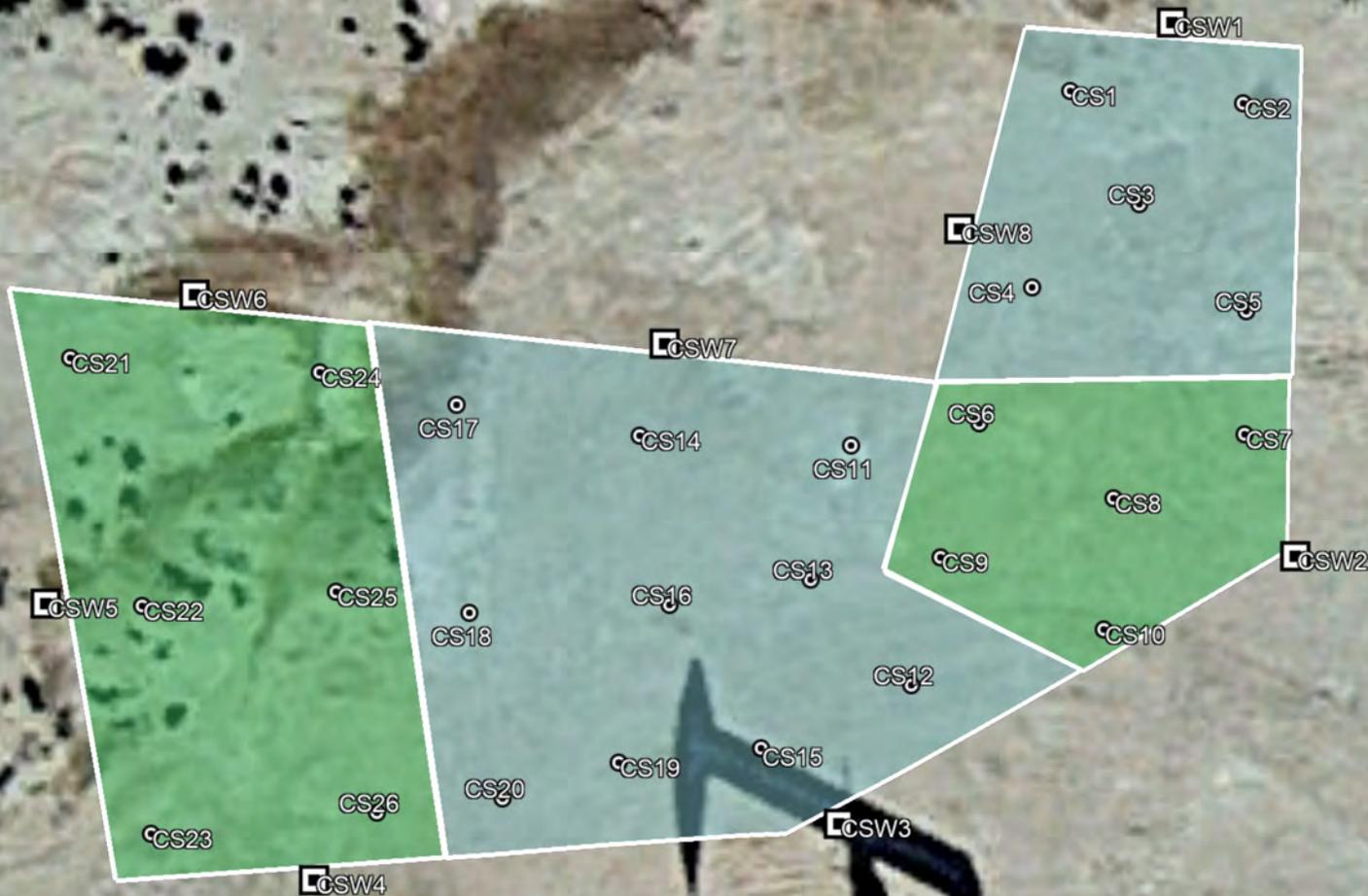
CS1



# Jasper 32 State Com 7H

Devon Energy  
Eddy, County  
Confirmation Map

- Legend**
- 2' Excavation
  - 3' Excavation
  - Bottom Sample
  - Side Wall Sample



60 ft



Pima Environmental Services

**Appendix A**

Water Surveys:

OSE

USGS

Surface Water Map



# New Mexico Office of the State Engineer

## Water Column/Average Depth to Water

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

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

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD Number	POD Code	Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
<a href="#">CP 00830 POD1</a>	CP	LE		2	1	04	20S	29E		586118	3608193*	2087	120		
<a href="#">CP 00681</a>	CP	ED		1	1	3 34	19S	29E		587230	3609127*	2416			
<a href="#">CP 00743 POD1</a>	CP	ED		2	4	05	20S	29E		585319	3607382*	2566	160		
<a href="#">CP 01231 POD1</a>	CP	ED		4	4	2 36	19S	28E		582311	3609372	2694	300	75	225
<a href="#">CP 00698 POD1</a>	CP	ED		3	1	03	20S	29E		587393	3608010	3103			
<a href="#">CP 00741</a>	CP	ED		1	3	2 34	19S	29E		588030	3609533*	3105	230	60	170

Average Depth to Water: **67 feet**  
 Minimum Depth: **60 feet**  
 Maximum Depth: **75 feet**

**Record Count:** 6

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

**Easting (X):** 584948.523

**Northing (Y):** 3609922

**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.

4/12/21 12:25 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER



USGS Home  
Contact USGS  
Search USGS

## National Water Information System: Web Interface

USGS Water Resources

Data Category:

Groundwater

Geographic Area:

United States

GO

Click to hide News Bulletins

- Explore the **NEW** [USGS National Water Dashboard](#) to access real-time 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 =

- 323900104052901

Minimum number of levels = 1

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

### USGS 323900104052901 19S.29E.20.24111 RATLSNAKE

Available data for this site

Groundwater: Field measurements

GO

Eddy County, New Mexico

Hydrologic Unit Code 13060011

Latitude 32°39'00", Longitude 104°05'29" NAD27

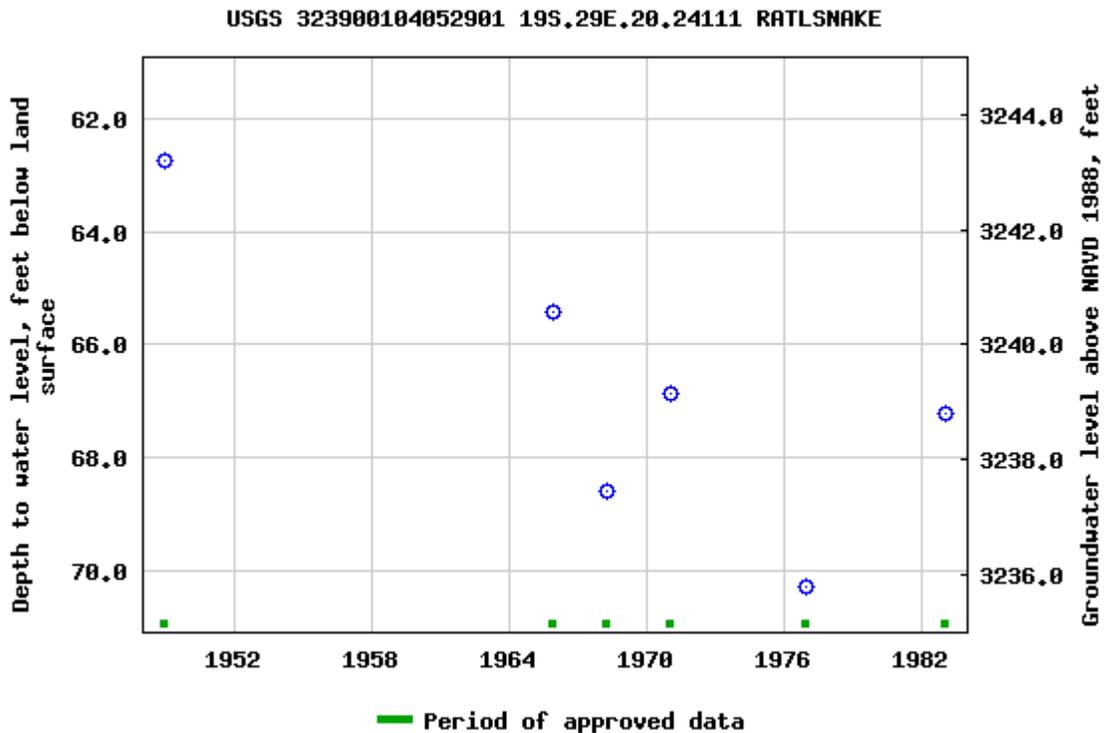
Land-surface elevation 3,306 feet above NAVD88

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

This well is completed in the Rustler Formation (312RSLR) local aquifer.

#### Output formats

<a href="#">Table of data</a>
<a href="#">Tab-separated data</a>
<a href="#">Graph of data</a>
<a href="#">Reselect period</a>



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

[Download a presentation-quality graph](#)

[Questions about sites/data?](#)

[Feedback on this web site](#)

[Automated retrievals](#)

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[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)

**Title: Groundwater for USA: Water Levels**

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



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

Page Last Modified: 2021-04-12 14:27:50 EDT

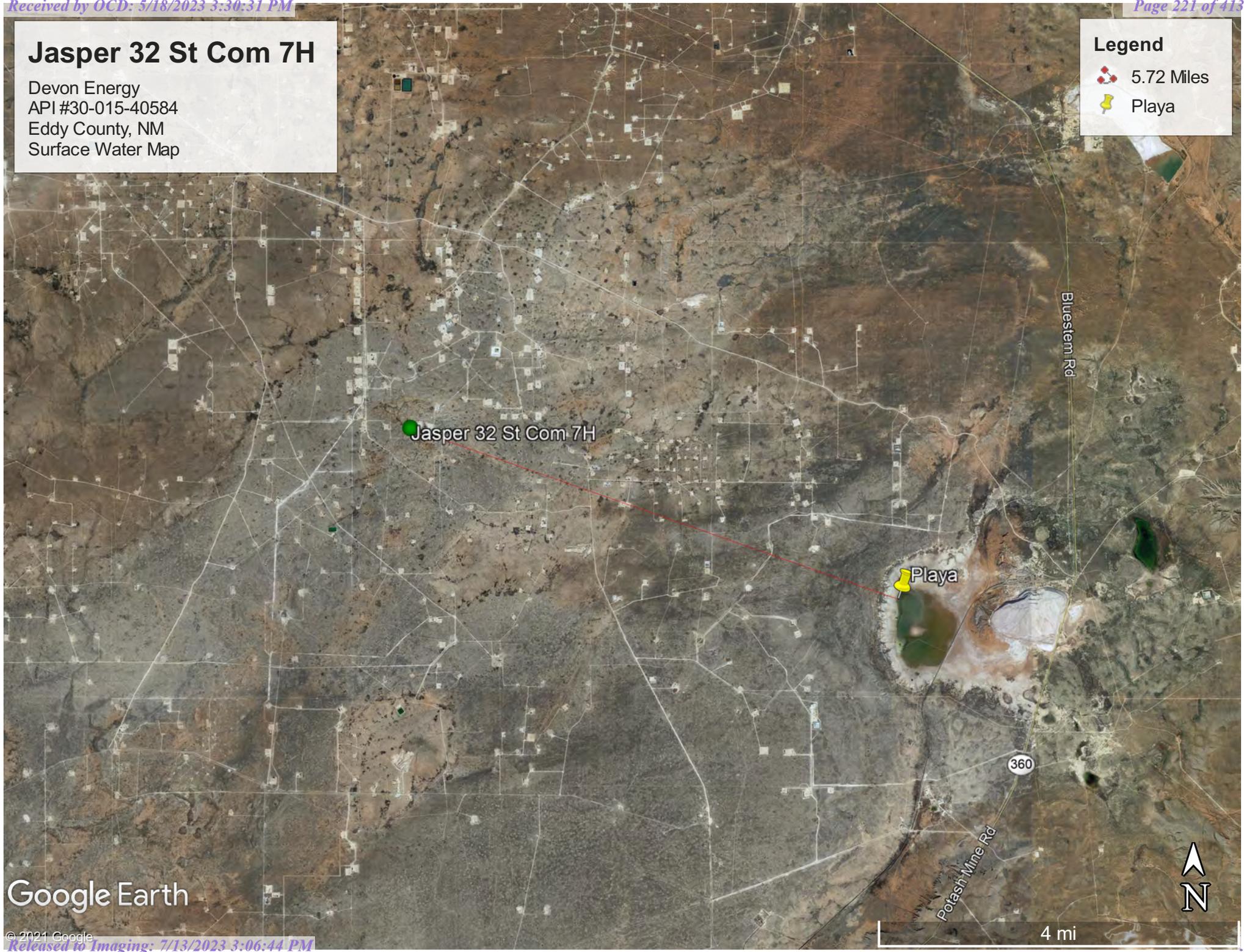
0.67 0.59 nadww02

# Jasper 32 St Com 7H

Devon Energy  
API #30-015-40584  
Eddy County, NM  
Surface Water Map

**Legend**

-  5.72 Miles
-  Playa



Google Earth



4 mi



Pima Environmental Services

**Appendix B**

Soil Survey & Geological Data

FEMA Flood Map

Wetlands Map

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

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## Eddy Area, New Mexico

### Rf—Reagan loam, saline, 0 to 1 percent slopes

#### Map Unit Setting

*National map unit symbol:* 1w5n

*Elevation:* 2,150 to 5,300 feet

*Mean annual precipitation:* 10 to 17 inches

*Mean annual air temperature:* 57 to 70 degrees F

*Frost-free period:* 200 to 235 days

*Farmland classification:* Farmland of statewide importance

#### Map Unit Composition

*Reagan and similar soils:* 96 percent

*Minor components:* 4 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 1 percent

*Depth to restrictive feature:* More than 80 inches

*Natural 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 in profile:* 40 percent

*Salinity, maximum in profile:* Slightly saline to strongly saline (4.0 to 16.0 mmhos/cm)

*Sodium adsorption ratio, maximum in profile:* 10.0

*Available water storage in profile:* Moderate (about 7.3 inches)

##### Interpretive groups

*Land capability classification (irrigated):* 3s

*Land capability classification (nonirrigated):* 7s

*Hydrologic Soil Group:* B

*Ecological site:* Loamy (R042XC007NM)

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

---

*Hydric soil rating:* No

#### **Minor Components**

##### **Reeves**

*Percent of map unit:* 1 percent

*Ecological site:* Loamy (R042XC007NM)

*Hydric soil rating:* No

##### **Reagan nonsaline**

*Percent of map unit:* 1 percent

*Ecological site:* Loamy (R042XC007NM)

*Hydric soil rating:* No

##### **Reagan saline**

*Percent of map unit:* 1 percent

*Ecological site:* Salt Flats (R042XC036NM)

*Hydric soil rating:* No

##### **Gypsum land**

*Percent of map unit:* 1 percent

*Hydric soil rating:* No

## **Data Source Information**

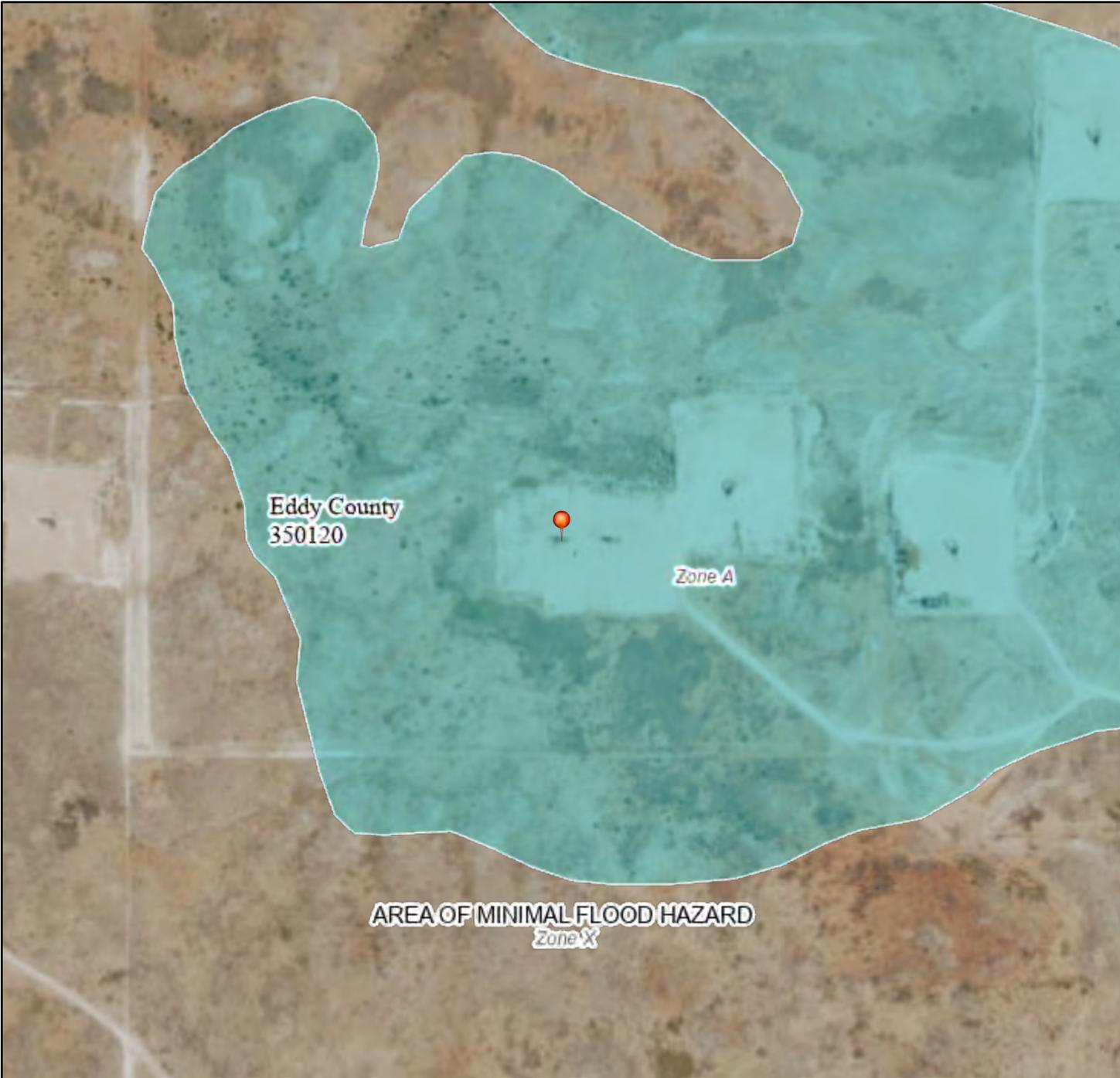
Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 16, Jun 8, 2020

# National Flood Hazard Layer FIRMette



104°5'59"W 32°37'40"N



## 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
OTHER AREAS		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 Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
OTHER FEATURES		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature

MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped

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

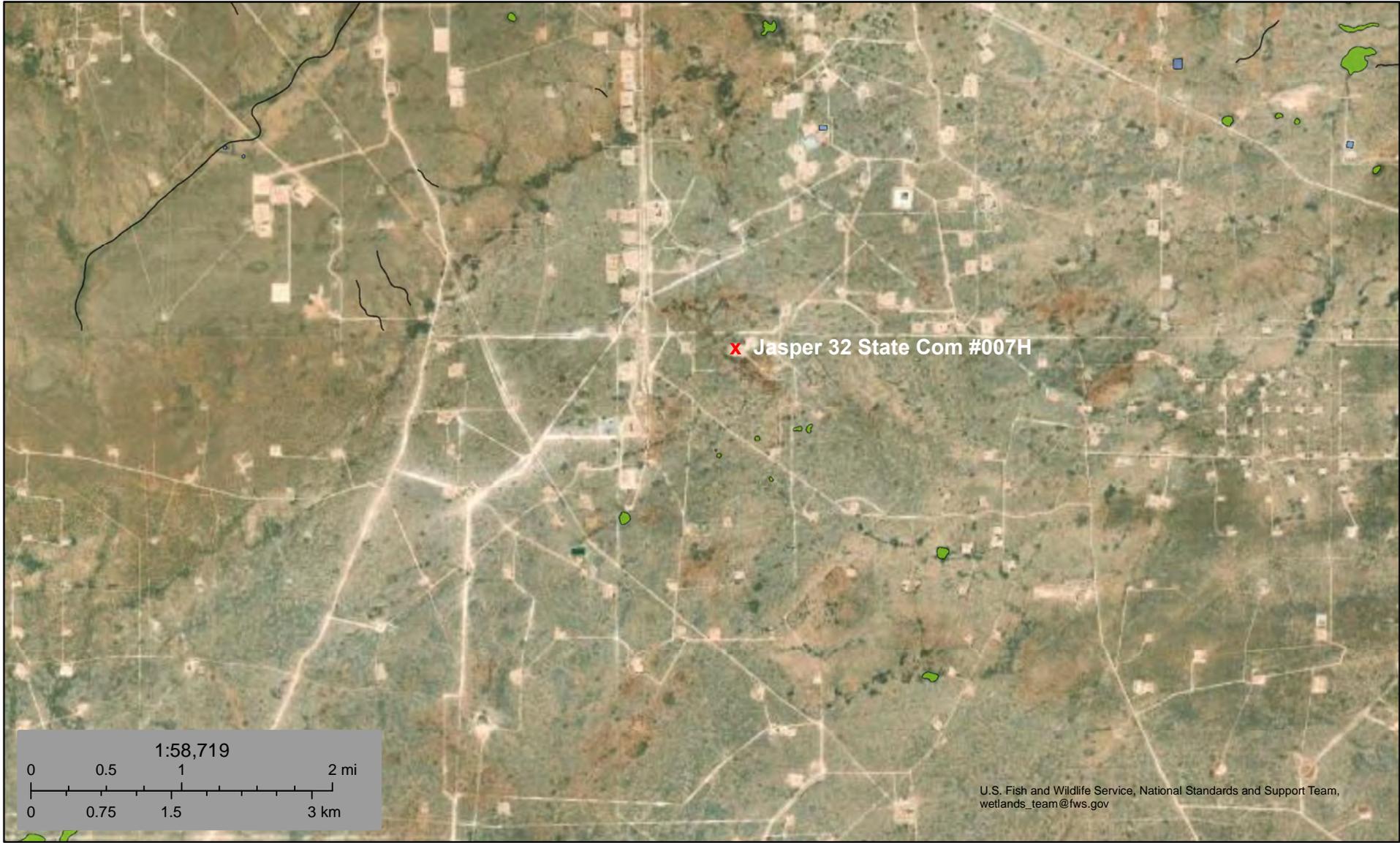
This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 4/12/2021 at 2:30 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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



# Wetlands Map



February 11, 2023

### Wetlands

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

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



Pima Environmental Services

**Appendix C**

C-141

48-Hour Notification

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

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

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

Incident ID	NAB1911934844
District RP	
Facility ID	
Application ID	

## Release Notification

### Responsible Party

Responsible Party	OGRID
Contact Name	Contact Telephone
Contact email	Incident # (assigned by OCD) NAB1911934844
Contact mailing address	

### Location of Release Source

Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Site Type
Date Release Discovered	API# (if applicable)

Unit Letter	Section	Township	Range	County

Surface Owner:  State  Federal  Tribal  Private (Name: \_\_\_\_\_)

### Nature and Volume of Release

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

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

Incident ID	NAB1911934844
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 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*

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

Incident ID	NAB1911934844
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>50</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 checked="" type="checkbox"/> Yes <input 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 1/2-mile of the lateral extents of the release
- Boring or excavation logs
- Photographs including date and GIS information
- Topographic/Aerial maps
- Laboratory data including chain of custody

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

State of New Mexico  
Oil Conservation Division

Page 4

Incident ID	NAB1911934844
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: Dale Woodall Title: Environmental Professional

Signature: Dale Woodall Date: 5/18/2023

email: dale.woodall@dvn.com Telephone: 575-748-1839

**OCD Only**

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

Incident ID	NAB1911934844
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: Dale Woodall Title: Environmental Professional  
 Signature: *Dale Woodall* Date: 5/18/2023  
 email: dale.woodall@dvn.com Telephone: 575-748-1839

**OCD Only**

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

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

Closure Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_

**From:** [sebastian@pimaoil.com](mailto:sebastian@pimaoil.com)  
**To:** [ocdonline@state.nm.us](mailto:ocdonline@state.nm.us)  
**Cc:** [Polly@pimaoil.com](mailto:Polly@pimaoil.com); "Gio PimaOil"  
**Subject:** Jasper 32 State Com 7H (nAB1911934844) - 48 Hour Notification  
**Date:** Thursday, May 11, 2023 3:09:41 PM  
**Attachments:** [image001.png](#)

---

Good afternoon,

Pima Environmental would like to notify you that we will be conducting a confirmation sampling event at the Jasper 32 State Com 7H (nAB1911934844), on Sunday May 14, 2023. Pima personnel will be on location at 6:30 am. Thank you.

Respectfully,  
Sebastian Orozco  
Environmental Professional  
5614 N Lovington Hwy,  
Hobbs, NM 88240  
[Sebastian@pimaoil.com](mailto:Sebastian@pimaoil.com)  
619-721-4813 cell





Pima Environmental Services

## **Appendix D**

Photographic Documentation



SITE PHOTOGRAPHS  
PIMA ENVIRONMENTAL  
Devon Energy  
Jasper 32 State Com 7H

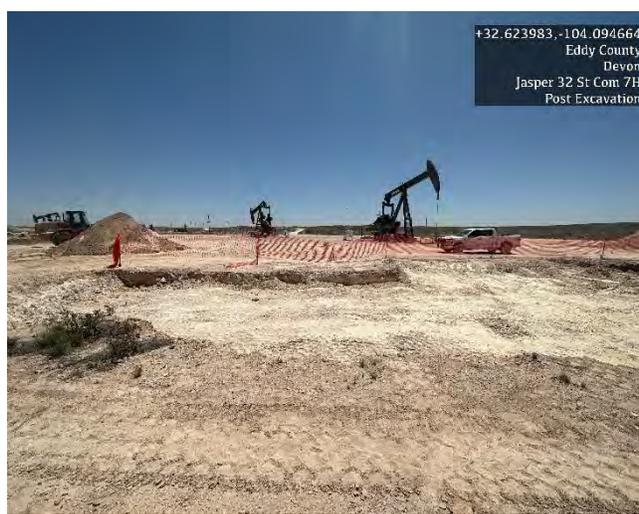
Assessment:





**Excavation:**







Post Excavation:





Pima Environmental Services

**Appendix E**

Laboratory Reports



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

---

July 28, 2020

CHRIS JONES

PIMA ENVIROMENTAL

1601 N TURNER STE. 500

HOBBS, NM 88240

RE: JASPER 32 ST COM 4H

Enclosed are the results of analyses for samples received by the laboratory on 07/24/20 14:53.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](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.

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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: S-1 0"-6" (H001938-01)**

BTEX 8021B		mg/kg		Analyzed By: ms				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/27/2020	ND	1.87	93.6	2.00	0.789	
Toluene*	<0.050	0.050	07/27/2020	ND	1.95	97.5	2.00	0.669	
Ethylbenzene*	<0.050	0.050	07/27/2020	ND	1.95	97.3	2.00	0.266	
Total Xylenes*	<0.150	0.150	07/27/2020	ND	5.85	97.5	6.00	0.0172	
Total BTEX	<0.300	0.300	07/27/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 132 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	07/27/2020	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	52.2	50.0	07/27/2020	ND	203	102	200	0.965	
DRO >C10-C28*	16300	50.0	07/27/2020	ND	204	102	200	6.23	
EXT DRO >C28-C36	4010	50.0	07/27/2020	ND					

Surrogate: 1-Chlorooctane 105 % 44.3-144

Surrogate: 1-Chlorooctadecane 720 % 42.2-156

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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: S-2 0"-6" (H001938-02)**

BTEX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/27/2020	ND	1.87	93.6	2.00	0.789	
Toluene*	<0.050	0.050	07/27/2020	ND	1.95	97.5	2.00	0.669	
Ethylbenzene*	<0.050	0.050	07/27/2020	ND	1.95	97.3	2.00	0.266	
Total Xylenes*	<0.150	0.150	07/27/2020	ND	5.85	97.5	6.00	0.0172	
Total BTEX	<0.300	0.300	07/27/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>192</b>	16.0	07/27/2020	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<50.0	50.0	07/27/2020	ND	203	102	200	0.965		
<b>DRO &gt;C10-C28*</b>	<b>12000</b>	50.0	07/27/2020	ND	204	102	200	6.23		
<b>EXT DRO &gt;C28-C36</b>	<b>2810</b>	50.0	07/27/2020	ND						

Surrogate: 1-Chlorooctane 79.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 540 % 42.2-156

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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: S-2 1' (H001938-03)**

BTEX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/24/2020	ND	1.87	93.6	2.00	0.789	
Toluene*	<0.050	0.050	07/24/2020	ND	1.95	97.5	2.00	0.669	
Ethylbenzene*	<0.050	0.050	07/24/2020	ND	1.95	97.3	2.00	0.266	
Total Xylenes*	<0.150	0.150	07/24/2020	ND	5.85	97.5	6.00	0.0172	
Total BTEX	<0.300	0.300	07/24/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>32.0</b>	16.0	07/27/2020	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/27/2020	ND	203	102	200	0.965	
<b>DRO &gt;C10-C28*</b>	<b>342</b>	10.0	07/27/2020	ND	204	102	200	6.23	
<b>EXT DRO &gt;C28-C36</b>	<b>114</b>	10.0	07/27/2020	ND					

Surrogate: 1-Chlorooctane 80.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 103 % 42.2-156

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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: S-2 2' (H001938-04)**

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	07/24/2020	ND	1.87	93.6	2.00	0.789	
Toluene*	<0.050	0.050	07/24/2020	ND	1.95	97.5	2.00	0.669	
Ethylbenzene*	<0.050	0.050	07/24/2020	ND	1.95	97.3	2.00	0.266	
Total Xylenes*	<0.150	0.150	07/24/2020	ND	5.85	97.5	6.00	0.0172	
Total BTEX	<0.300	0.300	07/24/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>16.0</b>	16.0	07/27/2020	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/27/2020	ND	203	102	200	0.965	
<b>DRO &gt;C10-C28*</b>	<b>117</b>	10.0	07/27/2020	ND	204	102	200	6.23	
<b>EXT DRO &gt;C28-C36</b>	<b>25.7</b>	10.0	07/27/2020	ND					

Surrogate: 1-Chlorooctane 82.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 91.2 % 42.2-156

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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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: S-2 3' (H001938-05)**

BTEX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/24/2020	ND	1.87	93.6	2.00	0.789	
Toluene*	<0.050	0.050	07/24/2020	ND	1.95	97.5	2.00	0.669	
Ethylbenzene*	<0.050	0.050	07/24/2020	ND	1.95	97.3	2.00	0.266	
Total Xylenes*	<0.150	0.150	07/24/2020	ND	5.85	97.5	6.00	0.0172	
Total BTEX	<0.300	0.300	07/24/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 73.3-129

Chloride, SM4500Cl-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	07/27/2020	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/27/2020	ND	203	102	200	0.965	
DRO >C10-C28*	<10.0	10.0	07/27/2020	ND	204	102	200	6.23	
EXT DRO >C28-C36	<10.0	10.0	07/27/2020	ND					

Surrogate: 1-Chlorooctane 75.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 79.6 % 42.2-156

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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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: S-3 0" - 6" (H001938-06)**

BTEX 8021B		mg/kg		Analyzed By: ms					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/24/2020	ND	1.87	93.6	2.00	0.789		
Toluene*	<0.050	0.050	07/24/2020	ND	1.95	97.5	2.00	0.669		
Ethylbenzene*	<0.050	0.050	07/24/2020	ND	1.95	97.3	2.00	0.266		
<b>Total Xylenes*</b>	<b>0.360</b>	0.150	07/24/2020	ND	5.85	97.5	6.00	0.0172		
<b>Total BTEX</b>	<b>0.360</b>	0.300	07/24/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 181 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>80.0</b>	16.0	07/27/2020	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10*</b>	<b>66.2</b>	10.0	07/27/2020	ND	203	102	200	0.965		
<b>DRO &gt;C10-C28*</b>	<b>6360</b>	10.0	07/27/2020	ND	204	102	200	6.23		
<b>EXT DRO &gt;C28-C36</b>	<b>1400</b>	10.0	07/27/2020	ND						

Surrogate: 1-Chlorooctane 97.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 335 % 42.2-156

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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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: S-4 0" - 6" (H001938-07)**

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	07/27/2020	ND	1.84	91.9	2.00	3.75	
Toluene*	<0.050	0.050	07/27/2020	ND	1.86	93.0	2.00	3.90	
Ethylbenzene*	<0.050	0.050	07/27/2020	ND	1.89	94.7	2.00	3.58	
Total Xylenes*	<0.150	0.150	07/27/2020	ND	5.45	90.9	6.00	3.63	
Total BTEX	<0.300	0.300	07/27/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.0 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>32.0</b>	16.0	07/27/2020	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/27/2020	ND	203	102	200	0.965	
<b>DRO &gt;C10-C28*</b>	<b>10.9</b>	10.0	07/27/2020	ND	204	102	200	6.23	
EXT DRO >C28-C36	<10.0	10.0	07/27/2020	ND					

Surrogate: 1-Chlorooctane 81.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 85.7 % 42.2-156

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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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: S-5 0" - 6" (H001938-08)**

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	07/27/2020	ND	1.84	91.9	2.00	3.75	
Toluene*	<0.050	0.050	07/27/2020	ND	1.86	93.0	2.00	3.90	
Ethylbenzene*	<0.050	0.050	07/27/2020	ND	1.89	94.7	2.00	3.58	
Total Xylenes*	<0.150	0.150	07/27/2020	ND	5.45	90.9	6.00	3.63	
Total BTEX	<0.300	0.300	07/27/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>4320</b>	16.0	07/27/2020	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/27/2020	ND	203	102	200	0.965		
<b>DRO &gt;C10-C28*</b>	<b>3350</b>	10.0	07/27/2020	ND	204	102	200	6.23		
<b>EXT DRO &gt;C28-C36</b>	<b>763</b>	10.0	07/27/2020	ND						

Surrogate: 1-Chlorooctane 81.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 207 % 42.2-156

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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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: S-5 1' (H001938-09)**

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	07/27/2020	ND	1.84	91.9	2.00	3.75	
Toluene*	<0.050	0.050	07/27/2020	ND	1.86	93.0	2.00	3.90	
Ethylbenzene*	<0.050	0.050	07/27/2020	ND	1.89	94.7	2.00	3.58	
Total Xylenes*	<0.150	0.150	07/27/2020	ND	5.45	90.9	6.00	3.63	
Total BTEX	<0.300	0.300	07/27/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	07/27/2020	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/27/2020	ND	203	102	200	0.965	
DRO >C10-C28*	85.4	10.0	07/27/2020	ND	204	102	200	6.23	
EXT DRO >C28-C36	16.3	10.0	07/27/2020	ND					

Surrogate: 1-Chlorooctane 78.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 87.2 % 42.2-156

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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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: S-6 0" - 6" (H001938-10)**

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	07/27/2020	ND	1.84	91.9	2.00	3.75	
Toluene*	<0.050	0.050	07/27/2020	ND	1.86	93.0	2.00	3.90	
Ethylbenzene*	<0.050	0.050	07/27/2020	ND	1.89	94.7	2.00	3.58	
Total Xylenes*	<0.150	0.150	07/27/2020	ND	5.45	90.9	6.00	3.63	
Total BTEX	<0.300	0.300	07/27/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>12000</b>	16.0	07/27/2020	ND	400	100	400	0.00	QM-07

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<50.0	50.0	07/27/2020	ND	203	102	200	0.965		
<b>DRO &gt;C10-C28*</b>	<b>8540</b>	50.0	07/27/2020	ND	204	102	200	6.23		
<b>EXT DRO &gt;C28-C36</b>	<b>1970</b>	50.0	07/27/2020	ND						

Surrogate: 1-Chlorooctane 83.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 410 % 42.2-156

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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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: S-6 1' (H001938-11)**

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	07/27/2020	ND	1.84	91.9	2.00	3.75	
Toluene*	<0.050	0.050	07/27/2020	ND	1.86	93.0	2.00	3.90	
Ethylbenzene*	<0.050	0.050	07/27/2020	ND	1.89	94.7	2.00	3.58	
Total Xylenes*	<0.150	0.150	07/27/2020	ND	5.45	90.9	6.00	3.63	
Total BTEX	<0.300	0.300	07/27/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>576</b>	16.0	07/27/2020	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/27/2020	ND	203	102	200	0.965	
<b>DRO &gt;C10-C28*</b>	<b>126</b>	10.0	07/27/2020	ND	204	102	200	6.23	
<b>EXT DRO &gt;C28-C36</b>	<b>55.1</b>	10.0	07/27/2020	ND					

Surrogate: 1-Chlorooctane 79.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 88.7 % 42.2-156

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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: S-6 2' (H001938-12)**

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	07/27/2020	ND	1.84	91.9	2.00	3.75	
Toluene*	<0.050	0.050	07/27/2020	ND	1.86	93.0	2.00	3.90	
Ethylbenzene*	<0.050	0.050	07/27/2020	ND	1.89	94.7	2.00	3.58	
Total Xylenes*	<0.150	0.150	07/27/2020	ND	5.45	90.9	6.00	3.63	
Total BTEX	<0.300	0.300	07/27/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	07/27/2020	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/27/2020	ND	203	102	200	0.965	
DRO >C10-C28*	97.5	10.0	07/27/2020	ND	204	102	200	6.23	
EXT DRO >C28-C36	24.1	10.0	07/27/2020	ND					

Surrogate: 1-Chlorooctane 79.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 89.7 % 42.2-156

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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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: S-6 3' (H001938-13)**

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	07/27/2020	ND	1.84	91.9	2.00	3.75	
Toluene*	<0.050	0.050	07/27/2020	ND	1.86	93.0	2.00	3.90	
Ethylbenzene*	<0.050	0.050	07/27/2020	ND	1.89	94.7	2.00	3.58	
Total Xylenes*	<0.150	0.150	07/27/2020	ND	5.45	90.9	6.00	3.63	
Total BTEX	<0.300	0.300	07/27/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>400</b>	16.0	07/27/2020	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/27/2020	ND	203	102	200	0.965	
<b>DRO &gt;C10-C28*</b>	<b>94.6</b>	10.0	07/27/2020	ND	204	102	200	6.23	
<b>EXT DRO &gt;C28-C36</b>	<b>17.5</b>	10.0	07/27/2020	ND					

Surrogate: 1-Chlorooctane 78.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 86.2 % 42.2-156

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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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: S-7 0" - 6" (H001938-14)**

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	07/27/2020	ND	1.84	91.9	2.00	3.75		
Toluene*	<0.050	0.050	07/27/2020	ND	1.86	93.0	2.00	3.90		
Ethylbenzene*	<0.050	0.050	07/27/2020	ND	1.89	94.7	2.00	3.58		
Total Xylenes*	<0.150	0.150	07/27/2020	ND	5.45	90.9	6.00	3.63		
Total BTEX	<0.300	0.300	07/27/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>1540</b>	16.0	07/27/2020	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS							S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10*	<10.0	10.0	07/27/2020	ND	203	102	200	0.965			
<b>DRO &gt;C10-C28*</b>	<b>2260</b>	10.0	07/27/2020	ND	204	102	200	6.23			
<b>EXT DRO &gt;C28-C36</b>	<b>526</b>	10.0	07/27/2020	ND							

Surrogate: 1-Chlorooctane 76.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 163 % 42.2-156

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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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: S-7 1' (H001938-15)**

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	07/27/2020	ND	1.84	91.9	2.00	3.75		
Toluene*	<0.050	0.050	07/27/2020	ND	1.86	93.0	2.00	3.90		
Ethylbenzene*	<0.050	0.050	07/27/2020	ND	1.89	94.7	2.00	3.58		
Total Xylenes*	<0.150	0.150	07/27/2020	ND	5.45	90.9	6.00	3.63		
Total BTEX	<0.300	0.300	07/27/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	752	16.0	07/27/2020	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/27/2020	ND	203	102	200	0.965		
DRO >C10-C28*	338	10.0	07/27/2020	ND	204	102	200	6.23		
EXT DRO >C28-C36	99.9	10.0	07/27/2020	ND						

Surrogate: 1-Chlorooctane 78.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 101 % 42.2-156

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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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: S-8 0" - 6" (H001938-16)**

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	07/27/2020	ND	1.84	91.9	2.00	3.75	
Toluene*	<0.050	0.050	07/27/2020	ND	1.86	93.0	2.00	3.90	
Ethylbenzene*	<0.050	0.050	07/27/2020	ND	1.89	94.7	2.00	3.58	
Total Xylenes*	<0.150	0.150	07/27/2020	ND	5.45	90.9	6.00	3.63	
Total BTEX	<0.300	0.300	07/27/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>112</b>	16.0	07/27/2020	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<50.0	50.0	07/27/2020	ND	203	102	200	0.965		
<b>DRO &gt;C10-C28*</b>	<b>15500</b>	50.0	07/27/2020	ND	204	102	200	6.23		
<b>EXT DRO &gt;C28-C36</b>	<b>3280</b>	50.0	07/27/2020	ND						

Surrogate: 1-Chlorooctane 86.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 761 % 42.2-156

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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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: S-9 0" - 6" (H001938-17)**

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	07/27/2020	ND	1.84	91.9	2.00	3.75		
Toluene*	<0.050	0.050	07/27/2020	ND	1.86	93.0	2.00	3.90		
Ethylbenzene*	<0.050	0.050	07/27/2020	ND	1.89	94.7	2.00	3.58		
Total Xylenes*	<0.150	0.150	07/27/2020	ND	5.45	90.9	6.00	3.63		
Total BTEX	<0.300	0.300	07/27/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>80.0</b>	16.0	07/27/2020	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/27/2020	ND	203	102	200	0.965		
<b>DRO &gt;C10-C28*</b>	<b>113</b>	10.0	07/27/2020	ND	204	102	200	6.23		
<b>EXT DRO &gt;C28-C36</b>	<b>59.3</b>	10.0	07/27/2020	ND						

Surrogate: 1-Chlorooctane 81.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 88.1 % 42.2-156

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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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: S-9 1' (H001938-18)**

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	07/27/2020	ND	1.84	91.9	2.00	3.75	
Toluene*	<0.050	0.050	07/27/2020	ND	1.86	93.0	2.00	3.90	
Ethylbenzene*	<0.050	0.050	07/27/2020	ND	1.89	94.7	2.00	3.58	
Total Xylenes*	<0.150	0.150	07/27/2020	ND	5.45	90.9	6.00	3.63	
Total BTEX	<0.300	0.300	07/27/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/27/2020	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/27/2020	ND	203	102	200	0.965	
DRO >C10-C28*	<10.0	10.0	07/27/2020	ND	204	102	200	6.23	
EXT DRO >C28-C36	<10.0	10.0	07/27/2020	ND					

Surrogate: 1-Chlorooctane 78.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 81.8 % 42.2-156

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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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: S-9 2' (H001938-19)**

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	07/27/2020	ND	1.84	91.9	2.00	3.75	
Toluene*	<0.050	0.050	07/27/2020	ND	1.86	93.0	2.00	3.90	
Ethylbenzene*	<0.050	0.050	07/27/2020	ND	1.89	94.7	2.00	3.58	
Total Xylenes*	<0.150	0.150	07/27/2020	ND	5.45	90.9	6.00	3.63	
Total BTEX	<0.300	0.300	07/27/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>48.0</b>	16.0	07/27/2020	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2020	ND	212	106	200	4.68	
DRO >C10-C28*	<10.0	10.0	07/28/2020	ND	256	128	200	16.9	
EXT DRO >C28-C36	<10.0	10.0	07/28/2020	ND					

Surrogate: 1-Chlorooctane 79.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 82.8 % 42.2-156

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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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: S-9 3' (H001938-20)**

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	07/27/2020	ND	1.84	91.9	2.00	3.75	
Toluene*	<0.050	0.050	07/27/2020	ND	1.86	93.0	2.00	3.90	
Ethylbenzene*	<0.050	0.050	07/27/2020	ND	1.89	94.7	2.00	3.58	
Total Xylenes*	<0.150	0.150	07/27/2020	ND	5.45	90.9	6.00	3.63	
Total BTEX	<0.300	0.300	07/27/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>48.0</b>	16.0	07/27/2020	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2020	ND	212	106	200	4.68	
DRO >C10-C28*	<10.0	10.0	07/28/2020	ND	256	128	200	16.9	
EXT DRO >C28-C36	<10.0	10.0	07/28/2020	ND					

Surrogate: 1-Chlorooctane 81.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 85.6 % 42.2-156

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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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: S-10 0" - 6" (H001938-21)**

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	07/27/2020	ND	1.84	91.9	2.00	3.75	
Toluene*	<0.050	0.050	07/27/2020	ND	1.86	93.0	2.00	3.90	
Ethylbenzene*	<0.050	0.050	07/27/2020	ND	1.89	94.7	2.00	3.58	
Total Xylenes*	<0.150	0.150	07/27/2020	ND	5.45	90.9	6.00	3.63	
Total BTEX	<0.300	0.300	07/27/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.0 % 73.3-129

Chloride, SM4500Cl-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	07/27/2020	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2020	ND	212	106	200	4.68	
DRO >C10-C28*	<10.0	10.0	07/28/2020	ND	256	128	200	16.9	
EXT DRO >C28-C36	<10.0	10.0	07/28/2020	ND					

Surrogate: 1-Chlorooctane 80.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 84.7 % 42.2-156

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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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: S-10 1' (H001938-22)**

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	07/27/2020	ND	1.84	91.9	2.00	3.75		
Toluene*	<0.050	0.050	07/27/2020	ND	1.86	93.0	2.00	3.90		
Ethylbenzene*	<0.050	0.050	07/27/2020	ND	1.89	94.7	2.00	3.58		
Total Xylenes*	<0.150	0.150	07/27/2020	ND	5.45	90.9	6.00	3.63		
Total BTEX	<0.300	0.300	07/27/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 73.3-129

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	07/27/2020	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/28/2020	ND	212	106	200	4.68		
DRO >C10-C28*	<10.0	10.0	07/28/2020	ND	256	128	200	16.9		
EXT DRO >C28-C36	<10.0	10.0	07/28/2020	ND						

Surrogate: 1-Chlorooctane 81.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 84.7 % 42.2-156

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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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: S-10 2' (H001938-23)**

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	07/27/2020	ND	1.84	91.9	2.00	3.75		
Toluene*	<0.050	0.050	07/27/2020	ND	1.86	93.0	2.00	3.90		
Ethylbenzene*	<0.050	0.050	07/27/2020	ND	1.89	94.7	2.00	3.58		
Total Xylenes*	<0.150	0.150	07/27/2020	ND	5.45	90.9	6.00	3.63		
Total BTEX	<0.300	0.300	07/27/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 73.3-129

Chloride, SM4500Cl-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	07/27/2020	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/28/2020	ND	212	106	200	4.68		
DRO >C10-C28*	<10.0	10.0	07/28/2020	ND	256	128	200	16.9		
EXT DRO >C28-C36	<10.0	10.0	07/28/2020	ND						

Surrogate: 1-Chlorooctane 80.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 83.7 % 42.2-156

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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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: S-10 3' (H001938-24)**

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	07/27/2020	ND	1.84	91.9	2.00	3.75	
Toluene*	<0.050	0.050	07/27/2020	ND	1.86	93.0	2.00	3.90	
Ethylbenzene*	<0.050	0.050	07/27/2020	ND	1.89	94.7	2.00	3.58	
Total Xylenes*	<0.150	0.150	07/27/2020	ND	5.45	90.9	6.00	3.63	
Total BTEX	<0.300	0.300	07/27/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.3 % 73.3-129

Chloride, SM4500Cl-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	07/27/2020	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2020	ND	212	106	200	4.68	
DRO >C10-C28*	<10.0	10.0	07/28/2020	ND	256	128	200	16.9	
EXT DRO >C28-C36	<10.0	10.0	07/28/2020	ND					

Surrogate: 1-Chlorooctane 81.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 85.4 % 42.2-156

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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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: S-11 0" - 6" (H001938-25)**

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	07/27/2020	ND	1.84	91.9	2.00	3.75		
Toluene*	<0.050	0.050	07/27/2020	ND	1.86	93.0	2.00	3.90		
Ethylbenzene*	<0.050	0.050	07/27/2020	ND	1.89	94.7	2.00	3.58		
Total Xylenes*	<0.150	0.150	07/27/2020	ND	5.45	90.9	6.00	3.63		
Total BTEX	<0.300	0.300	07/27/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 73.3-129

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	07/27/2020	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/28/2020	ND	212	106	200	4.68		
DRO >C10-C28*	<10.0	10.0	07/28/2020	ND	256	128	200	16.9		
EXT DRO >C28-C36	<10.0	10.0	07/28/2020	ND						

Surrogate: 1-Chlorooctane 80.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 84.5 % 42.2-156

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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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: S-12 0" - 6" (H001938-26)**

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	07/27/2020	ND	1.84	91.9	2.00	3.75	
Toluene*	<0.050	0.050	07/27/2020	ND	1.86	93.0	2.00	3.90	
Ethylbenzene*	<0.050	0.050	07/27/2020	ND	1.89	94.7	2.00	3.58	
Total Xylenes*	<0.150	0.150	07/27/2020	ND	5.45	90.9	6.00	3.63	
Total BTEX	<0.300	0.300	07/27/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/27/2020	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2020	ND	212	106	200	4.68	
DRO >C10-C28*	<10.0	10.0	07/28/2020	ND	256	128	200	16.9	
EXT DRO >C28-C36	<10.0	10.0	07/28/2020	ND					

Surrogate: 1-Chlorooctane 82.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 84.8 % 42.2-156

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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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: S-12 1' (H001938-27)**

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	07/27/2020	ND	1.79	89.7	2.00	8.74	
Toluene*	<0.050	0.050	07/27/2020	ND	1.80	90.2	2.00	9.02	
Ethylbenzene*	<0.050	0.050	07/27/2020	ND	1.82	91.1	2.00	8.36	
Total Xylenes*	<0.150	0.150	07/27/2020	ND	5.23	87.2	6.00	8.33	
Total BTEX	<0.300	0.300	07/27/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 73.3-129

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	07/27/2020	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2020	ND	212	106	200	4.68	
DRO >C10-C28*	<10.0	10.0	07/28/2020	ND	256	128	200	16.9	
EXT DRO >C28-C36	<10.0	10.0	07/28/2020	ND					

Surrogate: 1-Chlorooctane 80.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 83.5 % 42.2-156

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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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: S-12 2' (H001938-28)**

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	07/27/2020	ND	1.79	89.7	2.00	8.74	
Toluene*	<0.050	0.050	07/27/2020	ND	1.80	90.2	2.00	9.02	
Ethylbenzene*	<0.050	0.050	07/27/2020	ND	1.82	91.1	2.00	8.36	
Total Xylenes*	<0.150	0.150	07/27/2020	ND	5.23	87.2	6.00	8.33	
Total BTEX	<0.300	0.300	07/27/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	07/27/2020	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2020	ND	212	106	200	4.68	
DRO >C10-C28*	<10.0	10.0	07/28/2020	ND	256	128	200	16.9	
EXT DRO >C28-C36	<10.0	10.0	07/28/2020	ND					

Surrogate: 1-Chlorooctane 77.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 80.2 % 42.2-156

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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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: BG-1 (H001938-29)**

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	07/27/2020	ND	1.79	89.7	2.00	8.74	
Toluene*	<0.050	0.050	07/27/2020	ND	1.80	90.2	2.00	9.02	
Ethylbenzene*	<0.050	0.050	07/27/2020	ND	1.82	91.1	2.00	8.36	
Total Xylenes*	<0.150	0.150	07/27/2020	ND	5.23	87.2	6.00	8.33	
Total BTEX	<0.300	0.300	07/27/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>32.0</b>	16.0	07/27/2020	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2020	ND	212	106	200	4.68	
<b>DRO &gt;C10-C28*</b>	<b>68.8</b>	10.0	07/28/2020	ND	256	128	200	16.9	
<b>EXT DRO &gt;C28-C36</b>	<b>27.4</b>	10.0	07/28/2020	ND					

Surrogate: 1-Chlorooctane 76.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 84.2 % 42.2-156

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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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: BG-2 (H001938-30)**

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	07/27/2020	ND	1.79	89.7	2.00	8.74	
Toluene*	<0.050	0.050	07/27/2020	ND	1.80	90.2	2.00	9.02	
Ethylbenzene*	<0.050	0.050	07/27/2020	ND	1.82	91.1	2.00	8.36	
Total Xylenes*	<0.150	0.150	07/27/2020	ND	5.23	87.2	6.00	8.33	
Total BTEX	<0.300	0.300	07/27/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>48.0</b>	16.0	07/27/2020	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2020	ND	212	106	200	4.68	
DRO >C10-C28*	<10.0	10.0	07/28/2020	ND	256	128	200	16.9	
EXT DRO >C28-C36	<10.0	10.0	07/28/2020	ND					

Surrogate: 1-Chlorooctane 77.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 82.2 % 42.2-156

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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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: BG-3 (H001938-31)**

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	07/27/2020	ND	1.79	89.7	2.00	8.74	
Toluene*	<0.050	0.050	07/27/2020	ND	1.80	90.2	2.00	9.02	
Ethylbenzene*	<0.050	0.050	07/27/2020	ND	1.82	91.1	2.00	8.36	
Total Xylenes*	<0.150	0.150	07/27/2020	ND	5.23	87.2	6.00	8.33	
Total BTEX	<0.300	0.300	07/27/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	07/27/2020	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2020	ND	208	104	200	0.448	
DRO >C10-C28*	862	10.0	07/28/2020	ND	200	99.8	200	1.20	
EXT DRO >C28-C36	206	10.0	07/28/2020	ND					

Surrogate: 1-Chlorooctane 73.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 113 % 42.2-156

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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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: BG-4 (H001938-32)**

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	07/27/2020	ND	1.79	89.7	2.00	8.74	
Toluene*	<0.050	0.050	07/27/2020	ND	1.80	90.2	2.00	9.02	
Ethylbenzene*	<0.050	0.050	07/27/2020	ND	1.82	91.1	2.00	8.36	
Total Xylenes*	<0.150	0.150	07/27/2020	ND	5.23	87.2	6.00	8.33	
Total BTEX	<0.300	0.300	07/27/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 73.3-129

Chloride, SM4500Cl-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	07/27/2020	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2020	ND	208	104	200	0.448	
DRO >C10-C28*	15.1	10.0	07/28/2020	ND	200	99.8	200	1.20	
EXT DRO >C28-C36	12.7	10.0	07/28/2020	ND					

Surrogate: 1-Chlorooctane 77.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 83.0 % 42.2-156

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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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: BG-5 (H001938-33)**

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	07/27/2020	ND	1.79	89.7	2.00	8.74	
Toluene*	<0.050	0.050	07/27/2020	ND	1.80	90.2	2.00	9.02	
Ethylbenzene*	<0.050	0.050	07/27/2020	ND	1.82	91.1	2.00	8.36	
Total Xylenes*	<0.150	0.150	07/27/2020	ND	5.23	87.2	6.00	8.33	
Total BTEX	<0.300	0.300	07/27/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 73.3-129

Chloride, SM4500Cl-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	07/27/2020	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2020	ND	208	104	200	0.448	
DRO >C10-C28*	<10.0	10.0	07/28/2020	ND	200	99.8	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	07/28/2020	ND					

Surrogate: 1-Chlorooctane 79.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 82.0 % 42.2-156

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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:	07/24/2020	Sampling Date:	07/23/2020
Reported:	07/28/2020	Sampling Type:	Soil
Project Name:	JASPER 32 ST COM 4H	Sampling Condition:	Cool & Intact
Project Number:	20868750	Sample Received By:	Yvonne Muniz
Project Location:	DEVON 32.623526, -104.091290		

**Sample ID: BG-6 (H001938-34)**

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	07/27/2020	ND	1.79	89.7	2.00	8.74	
Toluene*	<0.050	0.050	07/27/2020	ND	1.80	90.2	2.00	9.02	
Ethylbenzene*	<0.050	0.050	07/27/2020	ND	1.82	91.1	2.00	8.36	
Total Xylenes*	<0.150	0.150	07/27/2020	ND	5.23	87.2	6.00	8.33	
Total BTEX	<0.300	0.300	07/27/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 73.3-129

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	07/27/2020	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2020	ND	208	104	200	0.448	
DRO >C10-C28*	<10.0	10.0	07/28/2020	ND	200	99.8	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	07/28/2020	ND					

Surrogate: 1-Chlorooctane 82.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 86.3 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- \*\* Samples not received at proper temperature of 6°C or below.
- \*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C  
Samples reported on an as received basis (wet) unless otherwise noted on report

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*Celey D. Keene*

Celey D. Keene, Lab Director/Quality Manager



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

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

Company Name: <u>Rama Environmental</u> Project Manager: <u>Chris Jones</u> Address: <u>1601 N. Turner Ste 520</u> City: <u>Hobbs</u> State: <u>NM</u> Zip: <u>58240</u> Phone #: <u>575-631-6977</u> Fax #: _____ Project #: <u>2081687-520</u> Project Owner: <u>Devon</u> Project Name: <u>Jasper 32 St Cam 4H</u> Project Location: <u>3260 35th, -104.091290</u> Sampler Name: <u>Mark Newcomb</u>		P.O. #: _____ Company: _____ Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
FOR LAB USE ONLY Lab I.D. <u>H001937</u> Sample I.D. _____		<b>BILL TO</b>	
(G)RAB OR (C)OMP. _____ # CONTAINERS _____ MATRIX: GROUNDWATER _____ WASTEWATER _____ SOIL _____ OIL _____ SLUDGE _____ PRESERV: ACID/BASE: _____ ICE / COOL _____ OTHER: _____ SAMPLING: DATE _____ TIME _____		<b>ANALYSIS REQUEST</b>	
PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising from this contract or test, shall be limited to the amount paid by the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 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 in interest out of or related to the performance of services hereunder for Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: _____ All Results are emailed. Please provide Email address: _____	
Relinquished By: _____ Date: <u>7/12/10</u> Time: <u>14:53</u>		Received By: <u>WOMME Muniz</u>	
Delivered By: (Circle One) Observed Temp. °C _____ Corrected Temp. °C <u>5.5</u>		Checked By: (Initials) <u>ym</u>	
Sampler - UPS - Bus - Other: _____ Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Tumoround Time: _____ Standard <input type="checkbox"/> Rush <input type="checkbox"/> Thermometer ID #113 Correction Factor None <input type="checkbox"/> Yes <input type="checkbox"/> No Corrected Temp. °C _____	
REMARKS: <u>Bill to Devon</u>			
Cardinal cannot accept verbal changes. Please email changes to caley.keene@cardinallabsnm.com			



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 (575) 393-2326 FAX (575) 393-2476

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

Company Name: <u>Prime Environmental</u> Project Manager: <u>Chris Jones</u> Address: <u>1601 N. Turner Ste 500</u> City: <u>Hobbs</u> State: <u>NM</u> Zip: <u>58240</u> Phone #: <u>575-631-6977</u> Fax #: _____ Project #: <u>20868750</u> Project Owner: <u>Devon</u> Project Name: <u>Tasper 33 St on 4H</u> Project Location: <u>33.623526, -104.211290</u> Sampler Name: <u>Mark Newcomb</u>		P.O. #: _____ Company: _____ Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
FOR LAB USE ONLY Lab I.D.      Sample I.D.		(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	
Matrix: <u>X</u> Preserv: _____ Sampling: _____		DATE      TIME <u>7/25/20</u> <u>9:20</u> <u>9:22</u> <u>9:24</u> <u>9:26</u> <u>9:28</u> <u>9:30</u> <u>9:32</u> <u>9:34</u> <u>9:36</u> <u>9:38</u>	
Analysis: <u>BTEX</u> <u>TPH</u> <u>Chloride</u>		ANALYSIS REQUEST	
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 the client for the analysis. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 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 in part or in whole, or related to the performance of services hereunder for Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.			
Relinquished By: _____ Date: <u>7/24/20</u> Time: <u>1453</u>		Received By: <u>Yvonne Muniz</u> Date: _____ Time: _____	
Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: _____ All Results are emailed. Please provide Email address: _____		REMARKS: <u>Bill to Devon</u>	
Delivered By: (Circle One) _____ Sampler - UPS - Bus - Other: _____ Observed Temp. °C: _____ Corrected Temp. °C: <u>5.5</u>		Sample Condition CHECKED BY: _____ (Initials) Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Bacteria (only) Sample Condition <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Turnaround Time: <u>Standard</u> <input type="checkbox"/> Rush <input type="checkbox"/> Thermometer ID #113 <input checked="" type="checkbox"/> Correction Factor None <input type="checkbox"/> Observed Temp. °C: _____ Corrected Temp. °C: _____	

† Cardinal cannot accept verbal changes. Please email changes to celay.keeene@cardi.nallabsnm.com





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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <i>Prma Environmental</i>		P.O. #:		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>			
Project Manager: <i>Chris Jones</i>		Company:							
Address: <i>1601 N Turner Ste 500</i>		Attn:							
City: <i>Hobbs</i> State: <i>NM</i> Zip: <i>58240</i>		Address:							
Phone #: <i>575-631-6977</i> Fax #:		City:							
Project #: <i>20868750</i> Project Owner: <i>Devon</i>		State:							
Project Name: <i>Jasper 32 ST con 414</i>		Zip:							
Project Location: <i>32623526, -101.091292</i>		Phone #:							
Sampler Name: <i>Mark Newcomb</i>		Fax #:							
FOR LAB USE ONLY									
Lab I.D.      Sample I.D.		(G)RAB OR (C)OMP.		MATRIX		PRESERV		SAMPLING	
		# CONTAINERS							
		GROUNDWATER		SOIL		ACID/BASE:		BTEX	
		WASTEWATER		OIL		ICE / COOL		TPH	
		SOIL		SLUDGE		OTHER :		chloride	
		X		L		L			
		31 B6-3		9:25		9:52			
		32 B6-4		9:54		9:54			
		33 B5-5		9:56		9:56			
		34 B6-6		9:58		9:58			

**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 the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 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, in whole or in part, arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated provisions or otherwise.

Relinquished By: \_\_\_\_\_ Date: *4/24/20* Received By: *Upmae Muniz*

Relinquished By: \_\_\_\_\_ Date: *4/22* Received By: \_\_\_\_\_

Delivered By: (Circle One) Observed Temp. °C \_\_\_\_\_ Corrected Temp. °C \_\_\_\_\_

Sampler - UPS - Bus - Other: \_\_\_\_\_

Sample Condition:  Intact  Cool  Yes  No

Checked By: (Initials) \_\_\_\_\_

Turnaround Time: \_\_\_\_\_ Standard  Rush

Bacteria (only)  Sample Condition:  Observed Temp. °C \_\_\_\_\_  Corrected Temp. °C \_\_\_\_\_

Remarks: *Bill to Devon*

Verbal Result:  Yes  No  Add'l Phone # \_\_\_\_\_

All Results are emailed. Please provide Email address: \_\_\_\_\_

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



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

July 24, 2020

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

RE: Jasper 32 St Com 7H

OrderNo.: 2007898

Dear Chris Jones:

Hall Environmental Analysis Laboratory received 24 sample(s) on 7/17/2020 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](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 white background.

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

**Analytical Report**

Lab Order **2007898**

Date Reported: 7/24/2020

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Pima Environmental Services LLC

**Client Sample ID:** BG1

**Project:** Jasper 32 St Com 7H

**Collection Date:** 7/15/2020

**Lab ID:** 2007898-001

**Matrix:** SOIL

**Received Date:** 7/17/2020 11:10:00 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	9.3		mg/Kg	1	7/22/2020 5:05:27 PM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	7/22/2020 5:05:27 PM
Surr: DNOP	90.9	55.1-146		%Rec	1	7/22/2020 5:05:27 PM
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/20/2020 10:39:30 PM
Surr: BFB	84.6	66.6-105		%Rec	1	7/20/2020 10:39:30 PM
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: <b>NSB</b>
Benzene	ND	0.025		mg/Kg	1	7/20/2020 10:39:30 PM
Toluene	ND	0.049		mg/Kg	1	7/20/2020 10:39:30 PM
Ethylbenzene	ND	0.049		mg/Kg	1	7/20/2020 10:39:30 PM
Xylenes, Total	ND	0.098		mg/Kg	1	7/20/2020 10:39:30 PM
Surr: 4-Bromofluorobenzene	104	80-120		%Rec	1	7/20/2020 10:39:30 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>MRA</b>
Chloride	ND	60		mg/Kg	20	7/21/2020 7:37:21 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	

**Analytical Report**

Lab Order **2007898**

Date Reported: **7/24/2020**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Pima Environmental Services LLC

**Client Sample ID:** BG2

**Project:** Jasper 32 St Com 7H

**Collection Date:** 7/15/2020

**Lab ID:** 2007898-002

**Matrix:** SOIL

**Received Date:** 7/17/2020 11:10:00 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	9.3		mg/Kg	1	7/22/2020 5:35:16 PM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	7/22/2020 5:35:16 PM
Surr: DNOP	69.2	55.1-146		%Rec	1	7/22/2020 5:35:16 PM
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/20/2020 11:02:59 PM
Surr: BFB	86.3	66.6-105		%Rec	1	7/20/2020 11:02:59 PM
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: <b>NSB</b>
Benzene	ND	0.024		mg/Kg	1	7/20/2020 11:02:59 PM
Toluene	ND	0.049		mg/Kg	1	7/20/2020 11:02:59 PM
Ethylbenzene	ND	0.049		mg/Kg	1	7/20/2020 11:02:59 PM
Xylenes, Total	ND	0.098		mg/Kg	1	7/20/2020 11:02:59 PM
Surr: 4-Bromofluorobenzene	105	80-120		%Rec	1	7/20/2020 11:02:59 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>MRA</b>
Chloride	ND	60		mg/Kg	20	7/21/2020 8:14:35 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	

**Analytical Report**

Lab Order **2007898**

Date Reported: 7/24/2020

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Pima Environmental Services LLC

**Client Sample ID:** BG3

**Project:** Jasper 32 St Com 7H

**Collection Date:** 7/15/2020

**Lab ID:** 2007898-003

**Matrix:** SOIL

**Received Date:** 7/17/2020 11:10:00 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	9.1		mg/Kg	1	7/22/2020 5:45:22 PM
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	7/22/2020 5:45:22 PM
Surr: DNOP	79.1	55.1-146		%Rec	1	7/22/2020 5:45:22 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>MRA</b>
Chloride	ND	60		mg/Kg	20	7/21/2020 8:26:59 PM
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>						Analyst: <b>JMR</b>
Benzene	ND	0.025		mg/Kg	1	7/20/2020 2:51:56 PM
Toluene	ND	0.050		mg/Kg	1	7/20/2020 2:51:56 PM
Ethylbenzene	ND	0.050		mg/Kg	1	7/20/2020 2:51:56 PM
Xylenes, Total	ND	0.10		mg/Kg	1	7/20/2020 2:51:56 PM
Surr: 1,2-Dichloroethane-d4	104	70-130		%Rec	1	7/20/2020 2:51:56 PM
Surr: 4-Bromofluorobenzene	95.0	70-130		%Rec	1	7/20/2020 2:51:56 PM
Surr: Dibromofluoromethane	109	70-130		%Rec	1	7/20/2020 2:51:56 PM
Surr: Toluene-d8	99.5	70-130		%Rec	1	7/20/2020 2:51:56 PM
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>						Analyst: <b>JMR</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/20/2020 2:51:56 PM
Surr: BFB	94.8	70-130		%Rec	1	7/20/2020 2:51:56 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	

**Analytical Report**

Lab Order **2007898**

Date Reported: **7/24/2020**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Pima Environmental Services LLC

**Client Sample ID:** S1-0-6"

**Project:** Jasper 32 St Com 7H

**Collection Date:** 7/15/2020

**Lab ID:** 2007898-004

**Matrix:** SOIL

**Received Date:** 7/17/2020 11:10:00 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	9.8		mg/Kg	1	7/22/2020 5:55:28 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/22/2020 5:55:28 PM
Surr: DNOP	100	55.1-146		%Rec	1	7/22/2020 5:55:28 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>MRA</b>
Chloride	580	60		mg/Kg	20	7/21/2020 8:39:23 PM
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>						Analyst: <b>JMR</b>
Benzene	ND	0.025		mg/Kg	1	7/20/2020 4:18:03 PM
Toluene	ND	0.050		mg/Kg	1	7/20/2020 4:18:03 PM
Ethylbenzene	ND	0.050		mg/Kg	1	7/20/2020 4:18:03 PM
Xylenes, Total	ND	0.10		mg/Kg	1	7/20/2020 4:18:03 PM
Surr: 1,2-Dichloroethane-d4	104	70-130		%Rec	1	7/20/2020 4:18:03 PM
Surr: 4-Bromofluorobenzene	92.6	70-130		%Rec	1	7/20/2020 4:18:03 PM
Surr: Dibromofluoromethane	112	70-130		%Rec	1	7/20/2020 4:18:03 PM
Surr: Toluene-d8	103	70-130		%Rec	1	7/20/2020 4:18:03 PM
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>						Analyst: <b>JMR</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/20/2020 4:18:03 PM
Surr: BFB	96.2	70-130		%Rec	1	7/20/2020 4:18:03 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	

**Analytical Report**

Lab Order **2007898**

Date Reported: 7/24/2020

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Pima Environmental Services LLC

**Client Sample ID:** S2-0-6"

**Project:** Jasper 32 St Com 7H

**Collection Date:** 7/15/2020

**Lab ID:** 2007898-005

**Matrix:** SOIL

**Received Date:** 7/17/2020 11:10:00 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	7/22/2020 6:05:37 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/22/2020 6:05:37 PM
Surr: DNOP	52.8	55.1-146	S	%Rec	1	7/22/2020 6:05:37 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>MRA</b>
Chloride	160	60		mg/Kg	20	7/21/2020 8:51:48 PM
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>						Analyst: <b>JMR</b>
Benzene	ND	0.025		mg/Kg	1	7/20/2020 5:44:16 PM
Toluene	ND	0.049		mg/Kg	1	7/20/2020 5:44:16 PM
Ethylbenzene	ND	0.049		mg/Kg	1	7/20/2020 5:44:16 PM
Xylenes, Total	ND	0.098		mg/Kg	1	7/20/2020 5:44:16 PM
Surr: 1,2-Dichloroethane-d4	104	70-130		%Rec	1	7/20/2020 5:44:16 PM
Surr: 4-Bromofluorobenzene	94.1	70-130		%Rec	1	7/20/2020 5:44:16 PM
Surr: Dibromofluoromethane	107	70-130		%Rec	1	7/20/2020 5:44:16 PM
Surr: Toluene-d8	99.9	70-130		%Rec	1	7/20/2020 5:44:16 PM
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>						Analyst: <b>JMR</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/20/2020 5:44:16 PM
Surr: BFB	95.4	70-130		%Rec	1	7/20/2020 5:44:16 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	

**Analytical Report**

Lab Order **2007898**

Date Reported: 7/24/2020

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Pima Environmental Services LLC

**Client Sample ID:** S3-0-6"

**Project:** Jasper 32 St Com 7H

**Collection Date:** 7/15/2020

**Lab ID:** 2007898-006

**Matrix:** SOIL

**Received Date:** 7/17/2020 11:10:00 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	9.1		mg/Kg	1	7/22/2020 6:15:51 PM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	7/22/2020 6:15:51 PM
Surr: DNOP	50.2	55.1-146	S	%Rec	1	7/22/2020 6:15:51 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>MRA</b>
Chloride	81	60		mg/Kg	20	7/21/2020 9:04:12 PM
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>						Analyst: <b>JMR</b>
Benzene	ND	0.025		mg/Kg	1	7/20/2020 6:12:59 PM
Toluene	ND	0.050		mg/Kg	1	7/20/2020 6:12:59 PM
Ethylbenzene	ND	0.050		mg/Kg	1	7/20/2020 6:12:59 PM
Xylenes, Total	ND	0.10		mg/Kg	1	7/20/2020 6:12:59 PM
Surr: 1,2-Dichloroethane-d4	98.6	70-130		%Rec	1	7/20/2020 6:12:59 PM
Surr: 4-Bromofluorobenzene	97.1	70-130		%Rec	1	7/20/2020 6:12:59 PM
Surr: Dibromofluoromethane	111	70-130		%Rec	1	7/20/2020 6:12:59 PM
Surr: Toluene-d8	99.6	70-130		%Rec	1	7/20/2020 6:12:59 PM
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>						Analyst: <b>JMR</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/20/2020 6:12:59 PM
Surr: BFB	94.3	70-130		%Rec	1	7/20/2020 6:12:59 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	

Analytical Report

Lab Order 2007898

Date Reported: 7/24/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S4-0-6"

Project: Jasper 32 St Com 7H

Collection Date: 7/15/2020

Lab ID: 2007898-007

Matrix: SOIL

Received Date: 7/17/2020 11:10:00 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	10		mg/Kg	1	7/22/2020 6:26:05 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	7/22/2020 6:26:05 PM
Surr: DNOP	38.2	55.1-146	S	%Rec	1	7/22/2020 6:26:05 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>MRA</b>
Chloride	ND	60		mg/Kg	20	7/21/2020 9:16:37 PM
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>						Analyst: <b>JMR</b>
Benzene	ND	0.024		mg/Kg	1	7/20/2020 6:41:41 PM
Toluene	ND	0.049		mg/Kg	1	7/20/2020 6:41:41 PM
Ethylbenzene	ND	0.049		mg/Kg	1	7/20/2020 6:41:41 PM
Xylenes, Total	ND	0.098		mg/Kg	1	7/20/2020 6:41:41 PM
Surr: 1,2-Dichloroethane-d4	106	70-130		%Rec	1	7/20/2020 6:41:41 PM
Surr: 4-Bromofluorobenzene	90.3	70-130		%Rec	1	7/20/2020 6:41:41 PM
Surr: Dibromofluoromethane	111	70-130		%Rec	1	7/20/2020 6:41:41 PM
Surr: Toluene-d8	98.0	70-130		%Rec	1	7/20/2020 6:41:41 PM
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>						Analyst: <b>JMR</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/20/2020 6:41:41 PM
Surr: BFB	91.9	70-130		%Rec	1	7/20/2020 6:41:41 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	

**Analytical Report**

Lab Order **2007898**

Date Reported: 7/24/2020

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Pima Environmental Services LLC

**Client Sample ID:** S5-0-6"

**Project:** Jasper 32 St Com 7H

**Collection Date:** 7/15/2020

**Lab ID:** 2007898-008

**Matrix:** SOIL

**Received Date:** 7/17/2020 11:10:00 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)	16	9.9		mg/Kg	1	7/22/2020 6:36:21 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	7/22/2020 6:36:21 PM
Surr: DNOP	67.3	55.1-146		%Rec	1	7/22/2020 6:36:21 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>JMT</b>
Chloride	6100	300		mg/Kg	100	7/22/2020 7:08:18 PM
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>						Analyst: <b>JMR</b>
Benzene	ND	0.025		mg/Kg	1	7/20/2020 7:10:22 PM
Toluene	ND	0.050		mg/Kg	1	7/20/2020 7:10:22 PM
Ethylbenzene	ND	0.050		mg/Kg	1	7/20/2020 7:10:22 PM
Xylenes, Total	ND	0.10		mg/Kg	1	7/20/2020 7:10:22 PM
Surr: 1,2-Dichloroethane-d4	99.4	70-130		%Rec	1	7/20/2020 7:10:22 PM
Surr: 4-Bromofluorobenzene	93.8	70-130		%Rec	1	7/20/2020 7:10:22 PM
Surr: Dibromofluoromethane	108	70-130		%Rec	1	7/20/2020 7:10:22 PM
Surr: Toluene-d8	102	70-130		%Rec	1	7/20/2020 7:10:22 PM
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>						Analyst: <b>JMR</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/20/2020 7:10:22 PM
Surr: BFB	95.8	70-130		%Rec	1	7/20/2020 7:10:22 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	

**Analytical Report**

Lab Order **2007898**

Date Reported: 7/24/2020

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Pima Environmental Services LLC

**Client Sample ID:** S6-0-6"

**Project:** Jasper 32 St Com 7H

**Collection Date:** 7/15/2020

**Lab ID:** 2007898-009

**Matrix:** SOIL

**Received Date:** 7/17/2020 11:10:00 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	9.6		mg/Kg	1	7/23/2020 12:48:01 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/23/2020 12:48:01 PM
Surr: DNOP	124	55.1-146		%Rec	1	7/23/2020 12:48:01 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>JMT</b>
Chloride	11000	600		mg/Kg	200	7/22/2020 7:20:43 PM
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>						Analyst: <b>JMR</b>
Benzene	ND	0.024		mg/Kg	1	7/20/2020 7:39:00 PM
Toluene	ND	0.048		mg/Kg	1	7/20/2020 7:39:00 PM
Ethylbenzene	ND	0.048		mg/Kg	1	7/20/2020 7:39:00 PM
Xylenes, Total	ND	0.095		mg/Kg	1	7/20/2020 7:39:00 PM
Surr: 1,2-Dichloroethane-d4	106	70-130		%Rec	1	7/20/2020 7:39:00 PM
Surr: 4-Bromofluorobenzene	91.8	70-130		%Rec	1	7/20/2020 7:39:00 PM
Surr: Dibromofluoromethane	111	70-130		%Rec	1	7/20/2020 7:39:00 PM
Surr: Toluene-d8	93.8	70-130		%Rec	1	7/20/2020 7:39:00 PM
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>						Analyst: <b>JMR</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/20/2020 7:39:00 PM
Surr: BFB	96.3	70-130		%Rec	1	7/20/2020 7:39:00 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	

**Analytical Report**

Lab Order **2007898**

Date Reported: 7/24/2020

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Pima Environmental Services LLC

**Client Sample ID:** S6-1'

**Project:** Jasper 32 St Com 7H

**Collection Date:** 7/15/2020

**Lab ID:** 2007898-010

**Matrix:** SOIL

**Received Date:** 7/17/2020 11:10:00 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	9.6		mg/Kg	1	7/22/2020 6:56:57 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/22/2020 6:56:57 PM
Surr: DNOP	95.9	55.1-146		%Rec	1	7/22/2020 6:56:57 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>JMT</b>
Chloride	4100	150		mg/Kg	50	7/22/2020 7:33:07 PM
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>						Analyst: <b>JMR</b>
Benzene	ND	0.024		mg/Kg	1	7/20/2020 8:07:34 PM
Toluene	ND	0.048		mg/Kg	1	7/20/2020 8:07:34 PM
Ethylbenzene	ND	0.048		mg/Kg	1	7/20/2020 8:07:34 PM
Xylenes, Total	ND	0.095		mg/Kg	1	7/20/2020 8:07:34 PM
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	1	7/20/2020 8:07:34 PM
Surr: 4-Bromofluorobenzene	93.5	70-130		%Rec	1	7/20/2020 8:07:34 PM
Surr: Dibromofluoromethane	107	70-130		%Rec	1	7/20/2020 8:07:34 PM
Surr: Toluene-d8	104	70-130		%Rec	1	7/20/2020 8:07:34 PM
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>						Analyst: <b>JMR</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/20/2020 8:07:34 PM
Surr: BFB	100	70-130		%Rec	1	7/20/2020 8:07:34 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	

**Analytical Report**

Lab Order **2007898**

Date Reported: **7/24/2020**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Pima Environmental Services LLC

**Client Sample ID:** S7-0-6"

**Project:** Jasper 32 St Com 7H

**Collection Date:** 7/15/2020

**Lab ID:** 2007898-011

**Matrix:** SOIL

**Received Date:** 7/17/2020 11:10:00 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)	12	9.5		mg/Kg	1	7/22/2020 7:07:20 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/22/2020 7:07:20 PM
Surr: DNOP	66.1	55.1-146		%Rec	1	7/22/2020 7:07:20 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>MRA</b>
Chloride	1000	60		mg/Kg	20	7/21/2020 10:31:03 PM
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>						Analyst: <b>JMR</b>
Benzene	ND	0.024		mg/Kg	1	7/20/2020 8:36:08 PM
Toluene	ND	0.048		mg/Kg	1	7/20/2020 8:36:08 PM
Ethylbenzene	ND	0.048		mg/Kg	1	7/20/2020 8:36:08 PM
Xylenes, Total	ND	0.096		mg/Kg	1	7/20/2020 8:36:08 PM
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	1	7/20/2020 8:36:08 PM
Surr: 4-Bromofluorobenzene	92.8	70-130		%Rec	1	7/20/2020 8:36:08 PM
Surr: Dibromofluoromethane	105	70-130		%Rec	1	7/20/2020 8:36:08 PM
Surr: Toluene-d8	98.8	70-130		%Rec	1	7/20/2020 8:36:08 PM
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>						Analyst: <b>JMR</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/20/2020 8:36:08 PM
Surr: BFB	96.1	70-130		%Rec	1	7/20/2020 8:36:08 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	

**Analytical Report**

Lab Order **2007898**

Date Reported: 7/24/2020

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Pima Environmental Services LLC

**Client Sample ID:** S8-0-6"

**Project:** Jasper 32 St Com 7H

**Collection Date:** 7/15/2020

**Lab ID:** 2007898-012

**Matrix:** SOIL

**Received Date:** 7/17/2020 11:10:00 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	7/22/2020 7:17:42 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/22/2020 7:17:42 PM
Surr: DNOP	106	55.1-146		%Rec	1	7/22/2020 7:17:42 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>JMT</b>
Chloride	23000	1500		mg/Kg	500	7/22/2020 8:10:21 PM
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>						Analyst: <b>JMR</b>
Benzene	ND	0.024		mg/Kg	1	7/20/2020 9:04:47 PM
Toluene	ND	0.048		mg/Kg	1	7/20/2020 9:04:47 PM
Ethylbenzene	ND	0.048		mg/Kg	1	7/20/2020 9:04:47 PM
Xylenes, Total	ND	0.097		mg/Kg	1	7/20/2020 9:04:47 PM
Surr: 1,2-Dichloroethane-d4	105	70-130		%Rec	1	7/20/2020 9:04:47 PM
Surr: 4-Bromofluorobenzene	87.5	70-130		%Rec	1	7/20/2020 9:04:47 PM
Surr: Dibromofluoromethane	110	70-130		%Rec	1	7/20/2020 9:04:47 PM
Surr: Toluene-d8	98.1	70-130		%Rec	1	7/20/2020 9:04:47 PM
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>						Analyst: <b>JMR</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/20/2020 9:04:47 PM
Surr: BFB	92.0	70-130		%Rec	1	7/20/2020 9:04:47 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	

Analytical Report

Lab Order 2007898

Date Reported: 7/24/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S8-1'

Project: Jasper 32 St Com 7H

Collection Date: 7/15/2020

Lab ID: 2007898-013

Matrix: SOIL

Received Date: 7/17/2020 11:10:00 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	7/22/2020 7:28:06 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/22/2020 7:28:06 PM
Surr: DNOP	87.2	55.1-146		%Rec	1	7/22/2020 7:28:06 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>JMT</b>
Chloride	6700	300		mg/Kg	100	7/22/2020 8:22:45 PM
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>						Analyst: <b>JMR</b>
Benzene	ND	0.024		mg/Kg	1	7/20/2020 9:33:22 PM
Toluene	ND	0.048		mg/Kg	1	7/20/2020 9:33:22 PM
Ethylbenzene	ND	0.048		mg/Kg	1	7/20/2020 9:33:22 PM
Xylenes, Total	ND	0.096		mg/Kg	1	7/20/2020 9:33:22 PM
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	1	7/20/2020 9:33:22 PM
Surr: 4-Bromofluorobenzene	92.6	70-130		%Rec	1	7/20/2020 9:33:22 PM
Surr: Dibromofluoromethane	107	70-130		%Rec	1	7/20/2020 9:33:22 PM
Surr: Toluene-d8	105	70-130		%Rec	1	7/20/2020 9:33:22 PM
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>						Analyst: <b>JMR</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/20/2020 9:33:22 PM
Surr: BFB	99.6	70-130		%Rec	1	7/20/2020 9:33:22 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	

**Analytical Report**

Lab Order **2007898**

Date Reported: 7/24/2020

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Pima Environmental Services LLC

**Client Sample ID:** S8-2'

**Project:** Jasper 32 St Com 7H

**Collection Date:** 7/15/2020

**Lab ID:** 2007898-014

**Matrix:** SOIL

**Received Date:** 7/17/2020 11:10:00 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	7/22/2020 7:38:29 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/22/2020 7:38:29 PM
Surr: DNOP	77.4	55.1-146		%Rec	1	7/22/2020 7:38:29 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>JMT</b>
Chloride	4300	150		mg/Kg	50	7/22/2020 8:35:10 PM
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>						Analyst: <b>JMR</b>
Benzene	ND	0.025		mg/Kg	1	7/20/2020 10:01:55 PM
Toluene	ND	0.050		mg/Kg	1	7/20/2020 10:01:55 PM
Ethylbenzene	ND	0.050		mg/Kg	1	7/20/2020 10:01:55 PM
Xylenes, Total	ND	0.10		mg/Kg	1	7/20/2020 10:01:55 PM
Surr: 1,2-Dichloroethane-d4	103	70-130		%Rec	1	7/20/2020 10:01:55 PM
Surr: 4-Bromofluorobenzene	89.6	70-130		%Rec	1	7/20/2020 10:01:55 PM
Surr: Dibromofluoromethane	103	70-130		%Rec	1	7/20/2020 10:01:55 PM
Surr: Toluene-d8	104	70-130		%Rec	1	7/20/2020 10:01:55 PM
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>						Analyst: <b>JMR</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	7/20/2020 10:01:55 PM
Surr: BFB	97.1	70-130		%Rec	1	7/20/2020 10:01:55 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	

Analytical Report

Lab Order 2007898

Date Reported: 7/24/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S6-2'

Project: Jasper 32 St Com 7H

Collection Date: 7/15/2020

Lab ID: 2007898-015

Matrix: SOIL

Received Date: 7/17/2020 11:10:00 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	9.3		mg/Kg	1	7/22/2020 7:48:53 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	7/22/2020 7:48:53 PM
Surr: DNOP	98.4	55.1-146		%Rec	1	7/22/2020 7:48:53 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>MRA</b>
Chloride	2300	61		mg/Kg	20	7/21/2020 11:45:29 PM
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>						Analyst: <b>JMR</b>
Benzene	ND	0.024		mg/Kg	1	7/20/2020 10:30:26 PM
Toluene	ND	0.049		mg/Kg	1	7/20/2020 10:30:26 PM
Ethylbenzene	ND	0.049		mg/Kg	1	7/20/2020 10:30:26 PM
Xylenes, Total	ND	0.097		mg/Kg	1	7/20/2020 10:30:26 PM
Surr: 1,2-Dichloroethane-d4	104	70-130		%Rec	1	7/20/2020 10:30:26 PM
Surr: 4-Bromofluorobenzene	94.3	70-130		%Rec	1	7/20/2020 10:30:26 PM
Surr: Dibromofluoromethane	109	70-130		%Rec	1	7/20/2020 10:30:26 PM
Surr: Toluene-d8	102	70-130		%Rec	1	7/20/2020 10:30:26 PM
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>						Analyst: <b>JMR</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/20/2020 10:30:26 PM
Surr: BFB	97.2	70-130		%Rec	1	7/20/2020 10:30:26 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	

Analytical Report

Lab Order 2007898

Date Reported: 7/24/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S9-0-6"

Project: Jasper 32 St Com 7H

Collection Date: 7/15/2020

Lab ID: 2007898-016

Matrix: SOIL

Received Date: 7/17/2020 11:10:00 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)	2900	91		mg/Kg	10	7/22/2020 7:59:19 PM
Motor Oil Range Organics (MRO)	3000	460		mg/Kg	10	7/22/2020 7:59:19 PM
Surr: DNOP	0	55.1-146	S	%Rec	10	7/22/2020 7:59:19 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>MRA</b>
Chloride	1900	60		mg/Kg	20	7/22/2020 12:47:32 AM
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>						Analyst: <b>JMR</b>
Benzene	ND	0.023		mg/Kg	1	7/20/2020 10:58:58 PM
Toluene	ND	0.046		mg/Kg	1	7/20/2020 10:58:58 PM
Ethylbenzene	ND	0.046		mg/Kg	1	7/20/2020 10:58:58 PM
Xylenes, Total	ND	0.091		mg/Kg	1	7/20/2020 10:58:58 PM
Surr: 1,2-Dichloroethane-d4	104	70-130		%Rec	1	7/20/2020 10:58:58 PM
Surr: 4-Bromofluorobenzene	93.1	70-130		%Rec	1	7/20/2020 10:58:58 PM
Surr: Dibromofluoromethane	110	70-130		%Rec	1	7/20/2020 10:58:58 PM
Surr: Toluene-d8	98.3	70-130		%Rec	1	7/20/2020 10:58:58 PM
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>						Analyst: <b>JMR</b>
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	7/20/2020 10:58:58 PM
Surr: BFB	95.0	70-130		%Rec	1	7/20/2020 10:58:58 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	

Analytical Report

Lab Order 2007898

Date Reported: 7/24/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Pima Environmental Services LLC

Client Sample ID: S10-0-6"

Project: Jasper 32 St Com 7H

Collection Date: 7/15/2020

Lab ID: 2007898-017

Matrix: SOIL

Received Date: 7/17/2020 11:10:00 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	9.5		mg/Kg	1	7/22/2020 8:09:57 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/22/2020 8:09:57 PM
Surr: DNOP	85.1	55.1-146		%Rec	1	7/22/2020 8:09:57 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>MRA</b>
Chloride	510	59		mg/Kg	20	7/22/2020 12:59:56 AM
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>						Analyst: <b>JMR</b>
Benzene	ND	0.024		mg/Kg	1	7/20/2020 11:27:33 PM
Toluene	ND	0.048		mg/Kg	1	7/20/2020 11:27:33 PM
Ethylbenzene	ND	0.048		mg/Kg	1	7/20/2020 11:27:33 PM
Xylenes, Total	ND	0.096		mg/Kg	1	7/20/2020 11:27:33 PM
Surr: 1,2-Dichloroethane-d4	103	70-130		%Rec	1	7/20/2020 11:27:33 PM
Surr: 4-Bromofluorobenzene	92.0	70-130		%Rec	1	7/20/2020 11:27:33 PM
Surr: Dibromofluoromethane	109	70-130		%Rec	1	7/20/2020 11:27:33 PM
Surr: Toluene-d8	103	70-130		%Rec	1	7/20/2020 11:27:33 PM
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>						Analyst: <b>JMR</b>
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/20/2020 11:27:33 PM
Surr: BFB	97.1	70-130		%Rec	1	7/20/2020 11:27:33 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	

**Analytical Report**

Lab Order **2007898**

Date Reported: **7/24/2020**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Pima Environmental Services LLC

**Client Sample ID:** S11-0-6"

**Project:** Jasper 32 St Com 7H

**Collection Date:** 7/15/2020

**Lab ID:** 2007898-018

**Matrix:** SOIL

**Received Date:** 7/17/2020 11:10:00 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	9.2		mg/Kg	1	7/22/2020 8:20:34 PM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	7/22/2020 8:20:34 PM
Surr: DNOP	70.4	55.1-146		%Rec	1	7/22/2020 8:20:34 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>MRA</b>
Chloride	ND	60		mg/Kg	20	7/22/2020 1:12:21 AM
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>						Analyst: <b>JMR</b>
Benzene	ND	0.023		mg/Kg	1	7/21/2020 1:50:05 AM
Toluene	ND	0.046		mg/Kg	1	7/21/2020 1:50:05 AM
Ethylbenzene	ND	0.046		mg/Kg	1	7/21/2020 1:50:05 AM
Xylenes, Total	ND	0.093		mg/Kg	1	7/21/2020 1:50:05 AM
Surr: 1,2-Dichloroethane-d4	104	70-130		%Rec	1	7/21/2020 1:50:05 AM
Surr: 4-Bromofluorobenzene	90.6	70-130		%Rec	1	7/21/2020 1:50:05 AM
Surr: Dibromofluoromethane	105	70-130		%Rec	1	7/21/2020 1:50:05 AM
Surr: Toluene-d8	104	70-130		%Rec	1	7/21/2020 1:50:05 AM
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>						Analyst: <b>JMR</b>
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	7/21/2020 1:50:05 AM
Surr: BFB	98.6	70-130		%Rec	1	7/21/2020 1:50:05 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	

**Analytical Report**

Lab Order **2007898**

Date Reported: 7/24/2020

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Pima Environmental Services LLC

**Client Sample ID:** S12-0-6"

**Project:** Jasper 32 St Com 7H

**Collection Date:** 7/15/2020

**Lab ID:** 2007898-019

**Matrix:** SOIL

**Received Date:** 7/17/2020 11:10:00 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	9.2		mg/Kg	1	7/22/2020 8:31:10 PM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	7/22/2020 8:31:10 PM
Surr: DNOP	90.7	55.1-146		%Rec	1	7/22/2020 8:31:10 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>MRA</b>
Chloride	ND	60		mg/Kg	20	7/22/2020 1:24:45 AM
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>						Analyst: <b>JMR</b>
Benzene	ND	0.023		mg/Kg	1	7/21/2020 2:18:33 AM
Toluene	ND	0.046		mg/Kg	1	7/21/2020 2:18:33 AM
Ethylbenzene	ND	0.046		mg/Kg	1	7/21/2020 2:18:33 AM
Xylenes, Total	ND	0.092		mg/Kg	1	7/21/2020 2:18:33 AM
Surr: 1,2-Dichloroethane-d4	106	70-130		%Rec	1	7/21/2020 2:18:33 AM
Surr: 4-Bromofluorobenzene	92.8	70-130		%Rec	1	7/21/2020 2:18:33 AM
Surr: Dibromofluoromethane	109	70-130		%Rec	1	7/21/2020 2:18:33 AM
Surr: Toluene-d8	104	70-130		%Rec	1	7/21/2020 2:18:33 AM
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>						Analyst: <b>JMR</b>
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	7/21/2020 2:18:33 AM
Surr: BFB	96.3	70-130		%Rec	1	7/21/2020 2:18:33 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	

**Analytical Report**

Lab Order **2007898**

Date Reported: **7/24/2020**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Pima Environmental Services LLC

**Client Sample ID:** S13-0-6"

**Project:** Jasper 32 St Com 7H

**Collection Date:** 7/15/2020

**Lab ID:** 2007898-020

**Matrix:** SOIL

**Received Date:** 7/17/2020 11:10:00 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	9.5		mg/Kg	1	7/22/2020 8:41:45 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	7/22/2020 8:41:45 PM
Surr: DNOP	69.5	55.1-146		%Rec	1	7/22/2020 8:41:45 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>MRA</b>
Chloride	450	60		mg/Kg	20	7/22/2020 1:37:10 AM
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>						Analyst: <b>JMR</b>
Benzene	ND	0.024		mg/Kg	1	7/21/2020 2:47:01 AM
Toluene	ND	0.049		mg/Kg	1	7/21/2020 2:47:01 AM
Ethylbenzene	ND	0.049		mg/Kg	1	7/21/2020 2:47:01 AM
Xylenes, Total	ND	0.097		mg/Kg	1	7/21/2020 2:47:01 AM
Surr: 1,2-Dichloroethane-d4	104	70-130		%Rec	1	7/21/2020 2:47:01 AM
Surr: 4-Bromofluorobenzene	90.8	70-130		%Rec	1	7/21/2020 2:47:01 AM
Surr: Dibromofluoromethane	108	70-130		%Rec	1	7/21/2020 2:47:01 AM
Surr: Toluene-d8	101	70-130		%Rec	1	7/21/2020 2:47:01 AM
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>						Analyst: <b>JMR</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/21/2020 2:47:01 AM
Surr: BFB	94.8	70-130		%Rec	1	7/21/2020 2:47:01 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	

**Analytical Report**

Lab Order **2007898**

Date Reported: **7/24/2020**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Pima Environmental Services LLC

**Client Sample ID:** S14-0-6"

**Project:** Jasper 32 St Com 7H

**Collection Date:** 7/15/2020

**Lab ID:** 2007898-021

**Matrix:** SOIL

**Received Date:** 7/17/2020 11:10:00 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	9.5		mg/Kg	1	7/22/2020 10:35:56 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/22/2020 10:35:56 PM
Surr: DNOP	96.8	55.1-146		%Rec	1	7/22/2020 10:35:56 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>MRA</b>
Chloride	2400	60		mg/Kg	20	7/22/2020 1:49:34 AM
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>						Analyst: <b>JMR</b>
Benzene	ND	0.024		mg/Kg	1	7/21/2020 3:15:31 AM
Toluene	ND	0.047		mg/Kg	1	7/21/2020 3:15:31 AM
Ethylbenzene	ND	0.047		mg/Kg	1	7/21/2020 3:15:31 AM
Xylenes, Total	ND	0.094		mg/Kg	1	7/21/2020 3:15:31 AM
Surr: 1,2-Dichloroethane-d4	104	70-130		%Rec	1	7/21/2020 3:15:31 AM
Surr: 4-Bromofluorobenzene	96.7	70-130		%Rec	1	7/21/2020 3:15:31 AM
Surr: Dibromofluoromethane	103	70-130		%Rec	1	7/21/2020 3:15:31 AM
Surr: Toluene-d8	106	70-130		%Rec	1	7/21/2020 3:15:31 AM
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>						Analyst: <b>JMR</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	7/21/2020 3:15:31 AM
Surr: BFB	101	70-130		%Rec	1	7/21/2020 3:15:31 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	

**Analytical Report**

Lab Order **2007898**

Date Reported: **7/24/2020**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Pima Environmental Services LLC

**Client Sample ID:** S14-1

**Project:** Jasper 32 St Com 7H

**Collection Date:** 7/15/2020

**Lab ID:** 2007898-022

**Matrix:** SOIL

**Received Date:** 7/17/2020 11:10:00 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	9.3		mg/Kg	1	7/22/2020 10:46:17 PM
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	7/22/2020 10:46:17 PM
Surr: DNOP	95.4	55.1-146		%Rec	1	7/22/2020 10:46:17 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>MRA</b>
Chloride	1300	60		mg/Kg	20	7/22/2020 2:01:58 AM
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>						Analyst: <b>JMR</b>
Benzene	ND	0.024		mg/Kg	1	7/21/2020 3:44:11 AM
Toluene	ND	0.049		mg/Kg	1	7/21/2020 3:44:11 AM
Ethylbenzene	ND	0.049		mg/Kg	1	7/21/2020 3:44:11 AM
Xylenes, Total	ND	0.097		mg/Kg	1	7/21/2020 3:44:11 AM
Surr: 1,2-Dichloroethane-d4	104	70-130		%Rec	1	7/21/2020 3:44:11 AM
Surr: 4-Bromofluorobenzene	93.6	70-130		%Rec	1	7/21/2020 3:44:11 AM
Surr: Dibromofluoromethane	107	70-130		%Rec	1	7/21/2020 3:44:11 AM
Surr: Toluene-d8	100	70-130		%Rec	1	7/21/2020 3:44:11 AM
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>						Analyst: <b>JMR</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/21/2020 3:44:11 AM
Surr: BFB	96.5	70-130		%Rec	1	7/21/2020 3:44:11 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	

**Analytical Report**

Lab Order **2007898**

Date Reported: 7/24/2020

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Pima Environmental Services LLC

**Client Sample ID:** S14-2

**Project:** Jasper 32 St Com 7H

**Collection Date:** 7/15/2020

**Lab ID:** 2007898-023

**Matrix:** SOIL

**Received Date:** 7/17/2020 11:10:00 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	9.6		mg/Kg	1	7/22/2020 10:56:35 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/22/2020 10:56:35 PM
Surr: DNOP	95.6	55.1-146		%Rec	1	7/22/2020 10:56:35 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>MRA</b>
Chloride	870	60		mg/Kg	20	7/22/2020 2:14:23 AM
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>						Analyst: <b>JMR</b>
Benzene	ND	0.025		mg/Kg	1	7/21/2020 4:53:08 AM
Toluene	ND	0.049		mg/Kg	1	7/21/2020 4:53:08 AM
Ethylbenzene	ND	0.049		mg/Kg	1	7/21/2020 4:53:08 AM
Xylenes, Total	ND	0.099		mg/Kg	1	7/21/2020 4:53:08 AM
Surr: 1,2-Dichloroethane-d4	95.5	70-130		%Rec	1	7/21/2020 4:53:08 AM
Surr: 4-Bromofluorobenzene	97.3	70-130		%Rec	1	7/21/2020 4:53:08 AM
Surr: Dibromofluoromethane	96.8	70-130		%Rec	1	7/21/2020 4:53:08 AM
Surr: Toluene-d8	106	70-130		%Rec	1	7/21/2020 4:53:08 AM
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>						Analyst: <b>JMR</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/21/2020 4:53:08 AM
Surr: BFB	106	70-130		%Rec	1	7/21/2020 4:53:08 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	

**Analytical Report**

Lab Order **2007898**

Date Reported: **7/24/2020**

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Pima Environmental Services LLC

**Client Sample ID:** S14-3'

**Project:** Jasper 32 St Com 7H

**Collection Date:** 7/15/2020

**Lab ID:** 2007898-024

**Matrix:** SOIL

**Received Date:** 7/17/2020 11:10:00 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	9.8		mg/Kg	1	7/22/2020 11:06:55 PM
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/22/2020 11:06:55 PM
Surr: DNOP	111	55.1-146		%Rec	1	7/22/2020 11:06:55 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: <b>MRA</b>
Chloride	410	60		mg/Kg	20	7/22/2020 2:51:37 AM
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>						Analyst: <b>JMR</b>
Benzene	ND	0.025		mg/Kg	1	7/21/2020 9:38:40 PM
Toluene	ND	0.049		mg/Kg	1	7/21/2020 9:38:40 PM
Ethylbenzene	ND	0.049		mg/Kg	1	7/21/2020 9:38:40 PM
Xylenes, Total	ND	0.099		mg/Kg	1	7/21/2020 9:38:40 PM
Surr: 1,2-Dichloroethane-d4	106	70-130		%Rec	1	7/21/2020 9:38:40 PM
Surr: 4-Bromofluorobenzene	92.7	70-130		%Rec	1	7/21/2020 9:38:40 PM
Surr: Dibromofluoromethane	109	70-130		%Rec	1	7/21/2020 9:38:40 PM
Surr: Toluene-d8	99.5	70-130		%Rec	1	7/21/2020 9:38:40 PM
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>						Analyst: <b>JMR</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	7/21/2020 9:38:40 PM
Surr: BFB	93.8	70-130		%Rec	1	7/21/2020 9:38:40 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	

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2007898

24-Jul-20

**Client:** Pima Environmental Services LLC

**Project:** Jasper 32 St Com 7H

Sample ID: <b>MB-53879</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>53879</b>	RunNo: <b>70511</b>								
Prep Date: <b>7/21/2020</b>	Analysis Date: <b>7/21/2020</b>	SeqNo: <b>2452665</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-53879</b>	SampType: <b>ics</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>53879</b>	RunNo: <b>70511</b>								
Prep Date: <b>7/21/2020</b>	Analysis Date: <b>7/21/2020</b>	SeqNo: <b>2452666</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	94.2	90	110			

Sample ID: <b>MB-53881</b>	SampType: <b>mblk</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>53881</b>	RunNo: <b>70511</b>								
Prep Date: <b>7/21/2020</b>	Analysis Date: <b>7/21/2020</b>	SeqNo: <b>2452695</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-53881</b>	SampType: <b>ics</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>53881</b>	RunNo: <b>70511</b>								
Prep Date: <b>7/21/2020</b>	Analysis Date: <b>7/21/2020</b>	SeqNo: <b>2452696</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	95.2	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#: 2007898

24-Jul-20

**Client:** Pima Environmental Services LLC

**Project:** Jasper 32 St Com 7H

Sample ID: <b>LCS-53863</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>53863</b>	RunNo: <b>70513</b>								
Prep Date: <b>7/21/2020</b>	Analysis Date: <b>7/22/2020</b>	SeqNo: <b>2453272</b>	Units: <b>%Rec</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	7.0		5.000		141	55.1	146			

Sample ID: <b>MB-53863</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>53863</b>	RunNo: <b>70513</b>								
Prep Date: <b>7/21/2020</b>	Analysis Date: <b>7/22/2020</b>	SeqNo: <b>2453273</b>	Units: <b>%Rec</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	13		10.00		132	55.1	146			

Sample ID: <b>2007898-001AMS</b>	SampType: <b>MS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>BG1</b>	Batch ID: <b>53858</b>	RunNo: <b>70513</b>								
Prep Date: <b>7/21/2020</b>	Analysis Date: <b>7/22/2020</b>	SeqNo: <b>2453558</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	63	9.9	49.70	3.007	121	47.4	136			
Surr: DNOP	4.0		4.970		79.8	55.1	146			

Sample ID: <b>2007898-001AMSD</b>	SampType: <b>MSD</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>BG1</b>	Batch ID: <b>53858</b>	RunNo: <b>70513</b>								
Prep Date: <b>7/21/2020</b>	Analysis Date: <b>7/22/2020</b>	SeqNo: <b>2453559</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	53	9.3	46.38	3.007	109	47.4	136	16.7	43.4	
Surr: DNOP	2.4		4.638		51.3	55.1	146	0	0	S

Sample ID: <b>LCS-53858</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>53858</b>	RunNo: <b>70513</b>								
Prep Date: <b>7/21/2020</b>	Analysis Date: <b>7/22/2020</b>	SeqNo: <b>2453638</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	56	10	50.00	0	111	70	130			
Surr: DNOP	5.3		5.000		105	55.1	146			

Sample ID: <b>LCS-53860</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>53860</b>	RunNo: <b>70513</b>								
Prep Date: <b>7/21/2020</b>	Analysis Date: <b>7/22/2020</b>	SeqNo: <b>2453639</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	60	10	50.00	0	120	70	130			
Surr: DNOP	4.7		5.000		94.5	55.1	146			

**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#: 2007898

24-Jul-20

**Client:** Pima Environmental Services LLC

**Project:** Jasper 32 St Com 7H

Sample ID: <b>MB-53858</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>53858</b>	RunNo: <b>70513</b>								
Prep Date: <b>7/21/2020</b>	Analysis Date: <b>7/22/2020</b>	SeqNo: <b>2453644</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	12		10.00		124	55.1	146			

Sample ID: <b>MB-53860</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>53860</b>	RunNo: <b>70513</b>								
Prep Date: <b>7/21/2020</b>	Analysis Date: <b>7/22/2020</b>	SeqNo: <b>2453648</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	7.8		10.00		77.6	55.1	146			

**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#: 2007898

24-Jul-20

**Client:** Pima Environmental Services LLC

**Project:** Jasper 32 St Com 7H

Sample ID: <b>mb-53806</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>PBS</b>	Batch ID: <b>53806</b>		RunNo: <b>70475</b>							
Prep Date: <b>7/19/2020</b>	Analysis Date: <b>7/20/2020</b>		SeqNo: <b>2451151</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	890		1000		89.4	66.6	105			

Sample ID: <b>ics-53806</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>53806</b>		RunNo: <b>70475</b>							
Prep Date: <b>7/19/2020</b>	Analysis Date: <b>7/20/2020</b>		SeqNo: <b>2451152</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	19	5.0	25.00	0	77.9	72.5	106			
Surr: BFB	970		1000		97.4	66.6	105			

**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#: 2007898

24-Jul-20

**Client:** Pima Environmental Services LLC  
**Project:** Jasper 32 St Com 7H

Sample ID: <b>mb-53806</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>PBS</b>	Batch ID: <b>53806</b>	RunNo: <b>70475</b>								
Prep Date: <b>7/19/2020</b>	Analysis Date: <b>7/20/2020</b>	SeqNo: <b>2451184</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	1.1		1.000		107	80	120			

Sample ID: <b>LCS-53806</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>53806</b>	RunNo: <b>70475</b>								
Prep Date: <b>7/19/2020</b>	Analysis Date: <b>7/20/2020</b>	SeqNo: <b>2451185</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.94	0.025	1.000	0	94.4	80	120			
Toluene	0.93	0.050	1.000	0	93.1	80	120			
Ethylbenzene	0.94	0.050	1.000	0	94.2	80	120			
Xylenes, Total	2.9	0.10	3.000	0	95.4	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		110	80	120			

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
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- 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#: 2007898

24-Jul-20

**Client:** Pima Environmental Services LLC

**Project:** Jasper 32 St Com 7H

Sample ID: <b>mb-53807</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8260B: Volatiles Short List</b>								
Client ID: <b>PBS</b>	Batch ID: <b>53807</b>	RunNo: <b>70481</b>								
Prep Date: <b>7/19/2020</b>	Analysis Date: <b>7/20/2020</b>	SeqNo: <b>2451512</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: 1,2-Dichloroethane-d4	0.53		0.5000		106	70	130			
Surr: 4-Bromofluorobenzene	0.48		0.5000		95.2	70	130			
Surr: Dibromofluoromethane	0.57		0.5000		115	70	130			
Surr: Toluene-d8	0.52		0.5000		104	70	130			

Sample ID: <b>ics-53807</b>	SampType: <b>LCS4</b>	TestCode: <b>EPA Method 8260B: Volatiles Short List</b>								
Client ID: <b>BatchQC</b>	Batch ID: <b>53807</b>	RunNo: <b>70481</b>								
Prep Date: <b>7/19/2020</b>	Analysis Date: <b>7/20/2020</b>	SeqNo: <b>2451513</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.025	1.000	0	109	80	120			
Toluene	1.0	0.050	1.000	0	99.6	80	120			
Ethylbenzene	1.0	0.050	1.000	0	104	80	120			
Xylenes, Total	3.1	0.10	3.000	0	105	80	120			
Surr: 1,2-Dichloroethane-d4	0.51		0.5000		103	70	130			
Surr: 4-Bromofluorobenzene	0.45		0.5000		89.7	70	130			
Surr: Dibromofluoromethane	0.54		0.5000		108	70	130			
Surr: Toluene-d8	0.51		0.5000		102	70	130			

Sample ID: <b>mb-53809</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8260B: Volatiles Short List</b>								
Client ID: <b>PBS</b>	Batch ID: <b>53809</b>	RunNo: <b>70485</b>								
Prep Date: <b>7/19/2020</b>	Analysis Date: <b>7/21/2020</b>	SeqNo: <b>2451649</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: 1,2-Dichloroethane-d4	0.50		0.5000		99.9	70	130			
Surr: 4-Bromofluorobenzene	0.47		0.5000		94.1	70	130			
Surr: Dibromofluoromethane	0.49		0.5000		98.7	70	130			
Surr: Toluene-d8	0.53		0.5000		106	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#: 2007898

24-Jul-20

**Client:** Pima Environmental Services LLC

**Project:** Jasper 32 St Com 7H

Sample ID: <b>Ics-53809</b>	SampType: <b>LCS4</b>	TestCode: <b>EPA Method 8260B: Volatiles Short List</b>								
Client ID: <b>BatchQC</b>	Batch ID: <b>53809</b>	RunNo: <b>70485</b>								
Prep Date: <b>7/19/2020</b>	Analysis Date: <b>7/20/2020</b>	SeqNo: <b>2451650</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.97	0.025	1.000	0	97.1	80	120			
Toluene	1.0	0.050	1.000	0	104	80	120			
Ethylbenzene	1.0	0.050	1.000	0	102	80	120			
Xylenes, Total	3.1	0.10	3.000	0	103	80	120			
Surr: 1,2-Dichloroethane-d4	0.50		0.5000		99.8	70	130			
Surr: 4-Bromofluorobenzene	0.47		0.5000		94.3	70	130			
Surr: Dibromofluoromethane	0.49		0.5000		98.5	70	130			
Surr: Toluene-d8	0.53		0.5000		107	70	130			

Sample ID: <b>2007898-023ams</b>	SampType: <b>MS4</b>	TestCode: <b>EPA Method 8260B: Volatiles Short List</b>								
Client ID: <b>S14-2</b>	Batch ID: <b>53809</b>	RunNo: <b>70485</b>								
Prep Date: <b>7/19/2020</b>	Analysis Date: <b>7/21/2020</b>	SeqNo: <b>2451652</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.024	0.9569	0	109	71.1	115			
Toluene	1.1	0.048	0.9569	0	120	79.6	132			
Ethylbenzene	1.2	0.048	0.9569	0	123	83.8	134			
Xylenes, Total	3.5	0.096	2.871	0	123	82.4	132			
Surr: 1,2-Dichloroethane-d4	0.46		0.4785		95.7	70	130			
Surr: 4-Bromofluorobenzene	0.46		0.4785		95.4	70	130			
Surr: Dibromofluoromethane	0.45		0.4785		94.9	70	130			
Surr: Toluene-d8	0.49		0.4785		103	70	130			

Sample ID: <b>2007898-023amsd</b>	SampType: <b>MSD4</b>	TestCode: <b>EPA Method 8260B: Volatiles Short List</b>								
Client ID: <b>S14-2</b>	Batch ID: <b>53809</b>	RunNo: <b>70485</b>								
Prep Date: <b>7/19/2020</b>	Analysis Date: <b>7/21/2020</b>	SeqNo: <b>2451653</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.024	0.9785	0	103	71.1	115	3.64	20	
Toluene	1.1	0.049	0.9785	0	114	79.6	132	2.50	20	
Ethylbenzene	1.1	0.049	0.9785	0	114	83.8	134	5.74	20	
Xylenes, Total	3.4	0.098	2.935	0	115	82.4	132	4.59	20	
Surr: 1,2-Dichloroethane-d4	0.47		0.4892		96.0	70	130	0	0	
Surr: 4-Bromofluorobenzene	0.44		0.4892		90.3	70	130	0	0	
Surr: Dibromofluoromethane	0.46		0.4892		93.7	70	130	0	0	
Surr: Toluene-d8	0.51		0.4892		104	70	130	0	0	

**Qualifiers:**

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

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2007898

24-Jul-20

**Client:** Pima Environmental Services LLC

**Project:** Jasper 32 St Com 7H

Sample ID: <b>2007898-003ams</b>	SampType: <b>MS4</b>	TestCode: <b>EPA Method 8260B: Volatiles Short List</b>								
Client ID: <b>BG3</b>	Batch ID: <b>53807</b>	RunNo: <b>70527</b>								
Prep Date: <b>7/19/2020</b>	Analysis Date: <b>7/22/2020</b>	SeqNo: <b>2453874</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.025	0.9881	0	101	71.1	115			
Toluene	1.1	0.049	0.9881	0	108	79.6	132			
Ethylbenzene	1.1	0.049	0.9881	0	107	83.8	134			
Xylenes, Total	3.2	0.099	2.964	0	108	82.4	132			
Surr: 1,2-Dichloroethane-d4	0.51		0.4941		104	70	130			
Surr: 4-Bromofluorobenzene	0.47		0.4941		94.8	70	130			
Surr: Dibromofluoromethane	0.50		0.4941		102	70	130			
Surr: Toluene-d8	0.53		0.4941		107	70	130			

Sample ID: <b>2007898-003amsd</b>	SampType: <b>MSD4</b>	TestCode: <b>EPA Method 8260B: Volatiles Short List</b>								
Client ID: <b>BG3</b>	Batch ID: <b>53807</b>	RunNo: <b>70527</b>								
Prep Date: <b>7/19/2020</b>	Analysis Date: <b>7/22/2020</b>	SeqNo: <b>2453875</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.025	0.9980	0	101	71.1	115	1.35	20	
Toluene	1.1	0.050	0.9980	0	111	79.6	132	2.91	20	
Ethylbenzene	1.1	0.050	0.9980	0	109	83.8	134	2.54	20	
Xylenes, Total	3.3	0.10	2.994	0	109	82.4	132	1.12	20	
Surr: 1,2-Dichloroethane-d4	0.49		0.4990		98.6	70	130	0	0	
Surr: 4-Bromofluorobenzene	0.48		0.4990		95.9	70	130	0	0	
Surr: Dibromofluoromethane	0.50		0.4990		99.4	70	130	0	0	
Surr: Toluene-d8	0.53		0.4990		107	70	130	0	0	

**Qualifiers:**

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

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2007898

24-Jul-20

**Client:** Pima Environmental Services LLC

**Project:** Jasper 32 St Com 7H

Sample ID: <b>mb-53807</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8015D Mod: Gasoline Range</b>							
Client ID: <b>PBS</b>	Batch ID: <b>53807</b>		RunNo: <b>70481</b>							
Prep Date: <b>7/19/2020</b>	Analysis Date: <b>7/20/2020</b>		SeqNo: <b>2451539</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	490		500.0		98.3	70	130			

Sample ID: <b>ics-53807</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8015D Mod: Gasoline Range</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>53807</b>		RunNo: <b>70481</b>							
Prep Date: <b>7/19/2020</b>	Analysis Date: <b>7/20/2020</b>		SeqNo: <b>2451540</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	18	5.0	25.00	0	71.8	70	130			
Surr: BFB	490		500.0		98.5	70	130			

Sample ID: <b>mb-53809</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8015D Mod: Gasoline Range</b>							
Client ID: <b>PBS</b>	Batch ID: <b>53809</b>		RunNo: <b>70485</b>							
Prep Date: <b>7/19/2020</b>	Analysis Date: <b>7/21/2020</b>		SeqNo: <b>2451618</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	530		500.0		106	70	130			

Sample ID: <b>ics-53809</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8015D Mod: Gasoline Range</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>53809</b>		RunNo: <b>70485</b>							
Prep Date: <b>7/19/2020</b>	Analysis Date: <b>7/20/2020</b>		SeqNo: <b>2451619</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	5.0	25.00	0	86.7	70	130			
Surr: BFB	510		500.0		103	70	130			

Sample ID: <b>2007898-004ams</b>	SampType: <b>MS</b>		TestCode: <b>EPA Method 8015D Mod: Gasoline Range</b>							
Client ID: <b>S1-0-6"</b>	Batch ID: <b>53807</b>		RunNo: <b>70527</b>							
Prep Date: <b>7/19/2020</b>	Analysis Date: <b>7/22/2020</b>		SeqNo: <b>2454051</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	21	5.0	24.93	0	85.8	70	130			
Surr: BFB	510		498.5		102	70	130			

Sample ID: <b>2007898-004amsd</b>	SampType: <b>MSD</b>		TestCode: <b>EPA Method 8015D Mod: Gasoline Range</b>							
Client ID: <b>S1-0-6"</b>	Batch ID: <b>53807</b>		RunNo: <b>70527</b>							
Prep Date: <b>7/19/2020</b>	Analysis Date: <b>7/22/2020</b>		SeqNo: <b>2454052</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

**Qualifiers:**

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

# QC SUMMARY REPORT

WO#: 2007898

## Hall Environmental Analysis Laboratory, Inc.

24-Jul-20

**Client:** Pima Environmental Services LLC

**Project:** Jasper 32 St Com 7H

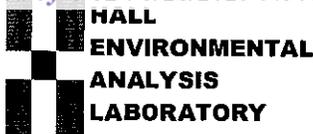
Sample ID: <b>2007898-004amsd</b>	SampType: <b>MSD</b>	TestCode: <b>EPA Method 8015D Mod: Gasoline Range</b>								
Client ID: <b>S1-0-6"</b>	Batch ID: <b>53807</b>	RunNo: <b>70527</b>								
Prep Date: <b>7/19/2020</b>	Analysis Date: <b>7/22/2020</b>	SeqNo: <b>2454052</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	21	5.0	24.80	0	86.0	70	130	0.218	20	
Surr: BFB	520		496.0		105	70	130	0	0	

Sample ID: <b>2007898-024ams</b>	SampType: <b>MS</b>	TestCode: <b>EPA Method 8015D Mod: Gasoline Range</b>								
Client ID: <b>S14-3'</b>	Batch ID: <b>53809</b>	RunNo: <b>70577</b>								
Prep Date: <b>7/19/2020</b>	Analysis Date: <b>7/23/2020</b>	SeqNo: <b>2455082</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	20	4.9	24.30	0	82.8	70	130			
Surr: BFB	490		485.9		102	70	130			

Sample ID: <b>2007898-024amsd</b>	SampType: <b>MSD</b>	TestCode: <b>EPA Method 8015D Mod: Gasoline Range</b>								
Client ID: <b>S14-3'</b>	Batch ID: <b>53809</b>	RunNo: <b>70577</b>								
Prep Date: <b>7/19/2020</b>	Analysis Date: <b>7/23/2020</b>	SeqNo: <b>2455083</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	21	4.9	24.70	0	86.0	70	130	5.50	20	
Surr: BFB	510		494.1		104	70	130	0	0	

**Qualifiers:**

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



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

Sample Log-In Check List

Client Name: Pima Environmental Servi Work Order Number: 2007898 RcptNo: 1

Received By: Isaiah Ortiz 7/17/2020 11:10:00 AM ILOX
Completed By: Isaiah Ortiz 7/17/2020 11:22:16 AM ILOX
Reviewed By: LB 7/17/20

Chain of Custody

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

Log In

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

# of preserved bottles checked for pH: (<2 or >12 unless noted)
Adjusted?
Checked by: SPA 7.17.20

Special Handling (if applicable)

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

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

16. Additional remarks:

17. Cooler Information

Table with 7 columns: Cooler No, Temp °C, Condition, Seal Intact, Seal No, Seal Date, Signed By. Row 1: 1, 4.5, Good, Not Present, , ,

### Chain-of-Custody Record

Client: Pima Environmental  
 Mailing Address: 1601 N. Turner Ste 500  
Hobbs, NM 88240  
 Phone #: 575-631-6977  
 email or Fax#: Chris@pimseil.com

QA/QC Package:  
 Standard  Level 4 (Full Validation)  
 Accreditation:  AZ Compliance  
 NELAC  Other  
 EDD (Type)

Turn-Around Time: 5 Day  
 Standard  Rush  
 Project Name: Jasper 32 St. Com 7A  
 Project #: 20868750

Project Manager:  
Chris Jones

Sampler:  
 Date: 7/5/20  
 Time: 11:00  
 Location: 700787

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
			BG1	GLASS	ICE	-001
			BG2			-002
			BG3			-003
			S1-0-6"			-004
			S2-0-6"			-005
			S3-0-6"			-006
			S4-0-6"			-007
			S5-0-6"			-008
			S6-0-6"			-009
			S6-1'			-010
			S7-0-6"			-011
			S8-0-6"			-012

Relinquished by: Chris Jones Date: 7/5/20 Time: 11:00  
 Relinquished by: Chris Jones Date: 7/5/20 Time: 11:00  
 Received by: Chris Jones Date: 7/5/20 Time: 11:00  
 Received by: Chris Jones Date: 7/5/20 Time: 11:00



**HALL ENVIRONMENTAL ANALYSIS LABORATORY**  
 www.hallenvironmental.com  
 4901 Hawkins NE - Albuquerque, NM 87109  
 Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

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)	Chloride

Remarks:  
Bill to Devon

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This service is not a part of this analysis. Any such subcontracted data will be clearly marked as such.

**Chain-of-Custody Record**

Client: Pima Environmental

Mailing Address: 1601 N. Turner Ste 500

Phone #: 525-631-6977

email or Fax#: Chris@pimaenv.com

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

Accreditation:  Az Compliance  NELAC  Other

EDD (Type)

Turn-Around Time: 5 Day  Standard  Rush

Project Name: Sasper 32 St Com 7H

Project #: 2086 8750

Project Manager: Chris Jones

Sampler: Office  Yes  No

# of Coolers: 1

Cooler Temp (min/max): 94.0/101.5 (C)

Container Type and #

Preservative Type

HEAT No

7007836

GLASS ICE

-013

-014

-015

-016

-017

-018

-019

-020

-021

-022

-023

-024

Received by: W Cummings

Date: 7/16/20 0740

Via:

Received by: T.O. Cummings

Date: 7/17/20 116

Via:

Relinquished by:

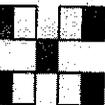
Relinquished by:

Date: 7/16/20 1900

Date: 7/16/20 1900

Relinquished by:

Relinquished by:



**HALL ENVIRONMENTAL ANALYSIS LABORATORY**

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

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> , PO <sub>4</sub> , SO <sub>4</sub>	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓ Chloride

Remarks:

Bill To Devon

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This service is rendered at the discretion of the laboratory.

Report to:  
Tom Bynum



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

### Pima Environmental Services-Carlsbad

Project Name: Jasper 32 #7

Work Order: E209142

Job Number: 01058-0007

Received: 9/26/2022

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
10/3/22

5796 U.S. Hwy 64  
Farmington, NM 87401

Phone: (505) 632-1881  
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.  
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.  
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.  
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.  
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.  
Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 10/3/22



Tom Bynum  
PO Box 247  
Plains, TX 79355-0247

Project Name: Jasper 32 #7  
Workorder: E209142  
Date Received: 9/26/2022 9:00:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/26/2022 9:00:00AM, under the Project Name: Jasper 32 #7.

The analytical test results summarized in this report with the Project Name: Jasper 32 #7 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
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**Alexa Michaels**  
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Office: 505-632-1881  
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**Lynn Jarboe**  
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[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

**West Texas Midland/Odessa Area**  
**Rayny Hagan**  
Technical Representative  
Office: 505-421-LABS(5227)

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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### Sample Summary

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 #7 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 10/03/22 15:49
---	--	------------------------------------

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S5 1'	E209142-01A	Soil	09/22/22	09/26/22	Glass Jar, 4 oz.
S5 2'	E209142-02A	Soil	09/22/22	09/26/22	Glass Jar, 4 oz.
S5 3'	E209142-03A	Soil	09/22/22	09/26/22	Glass Jar, 4 oz.
S5 4'	E209142-04A	Soil	09/22/22	09/26/22	Glass Jar, 4 oz.
S6 3'	E209142-05A	Soil	09/22/22	09/26/22	Glass Jar, 4 oz.
S6 4'	E209142-06A	Soil	09/22/22	09/26/22	Glass Jar, 4 oz.
S7 1'	E209142-07A	Soil	09/22/22	09/26/22	Glass Jar, 4 oz.
S7 2'	E209142-08A	Soil	09/22/22	09/26/22	Glass Jar, 4 oz.
S7 3'	E209142-09A	Soil	09/22/22	09/26/22	Glass Jar, 4 oz.
S7 4'	E209142-10A	Soil	09/22/22	09/26/22	Glass Jar, 4 oz.
S8 3'	E209142-11A	Soil	09/22/22	09/26/22	Glass Jar, 4 oz.
S8 4'	E209142-12A	Soil	09/22/22	09/26/22	Glass Jar, 4 oz.
S9 1'	E209142-13A	Soil	09/22/22	09/26/22	Glass Jar, 4 oz.
S9 2'	E209142-14A	Soil	09/22/22	09/26/22	Glass Jar, 4 oz.
S9 3'	E209142-15A	Soil	09/22/22	09/26/22	Glass Jar, 4 oz.
S9 4'	E209142-16A	Soil	09/22/22	09/26/22	Glass Jar, 4 oz.
SW1	E209142-17A	Soil	09/22/22	09/26/22	Glass Jar, 4 oz.
SW2	E209142-18A	Soil	09/22/22	09/26/22	Glass Jar, 4 oz.
SW3	E209142-19A	Soil	09/22/22	09/26/22	Glass Jar, 4 oz.
SW4	E209142-20A	Soil	09/22/22	09/26/22	Glass Jar, 4 oz.
BG1	E209142-21A	Soil	09/22/22	09/26/22	Glass Jar, 4 oz.
BG2	E209142-22A	Soil	09/22/22	09/26/22	Glass Jar, 4 oz.

### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 #7 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 10/3/2022 3:49:50PM
---	--	---

S5 1'

E209142-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Benzene	ND	0.0250	1	09/26/22	09/26/22	
Ethylbenzene	<b>0.116</b>	0.0250	1	09/26/22	09/26/22	
Toluene	ND	0.0250	1	09/26/22	09/26/22	
o-Xylene	<b>0.134</b>	0.0250	1	09/26/22	09/26/22	
p,m-Xylene	<b>0.484</b>	0.0500	1	09/26/22	09/26/22	
Total Xylenes	<b>0.618</b>	0.0250	1	09/26/22	09/26/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		119 %	70-130	09/26/22	09/26/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Gasoline Range Organics (C6-C10)	<b>29.5</b>	20.0	1	09/26/22	09/26/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		89.4 %	70-130	09/26/22	09/26/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2240018
Diesel Range Organics (C10-C28)	<b>11200</b>	125	5	09/28/22	09/30/22	
Oil Range Organics (C28-C36)	<b>4200</b>	250	5	09/28/22	09/30/22	
<i>Surrogate: n-Nonane</i>						
		77.1 %	50-200	09/28/22	09/30/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: KL		Batch: 2240076
Chloride	<b>1160</b>	200	10	09/29/22	09/30/22	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 #7 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 10/3/2022 3:49:50PM
---	--	---

S5 2'

E209142-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Benzene	ND	0.0250	1	09/26/22	09/26/22	
Ethylbenzene	ND	0.0250	1	09/26/22	09/26/22	
Toluene	ND	0.0250	1	09/26/22	09/26/22	
o-Xylene	ND	0.0250	1	09/26/22	09/26/22	
p,m-Xylene	ND	0.0500	1	09/26/22	09/26/22	
Total Xylenes	ND	0.0250	1	09/26/22	09/26/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		87.2 %	70-130	09/26/22	09/26/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/26/22	09/26/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.3 %	70-130	09/26/22	09/26/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2240018
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/22	09/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/28/22	09/30/22	
<i>Surrogate: n-Nonane</i>		63.7 %	50-200	09/28/22	09/30/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2240076
Chloride	ND	20.0	1	09/29/22	09/30/22	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 #7 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 10/3/2022 3:49:50PM
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S5 3'

E209142-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Benzene	ND	0.0250	1	09/26/22	09/26/22	
Ethylbenzene	ND	0.0250	1	09/26/22	09/26/22	
Toluene	ND	0.0250	1	09/26/22	09/26/22	
o-Xylene	ND	0.0250	1	09/26/22	09/26/22	
p,m-Xylene	ND	0.0500	1	09/26/22	09/26/22	
Total Xylenes	ND	0.0250	1	09/26/22	09/26/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.7 %	70-130	09/26/22	09/26/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/26/22	09/26/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		85.4 %	70-130	09/26/22	09/26/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2240018
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/22	09/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/28/22	09/30/22	
<i>Surrogate: n-Nonane</i>		73.9 %	50-200	09/28/22	09/30/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2240076
Chloride	ND	20.0	1	09/29/22	09/30/22	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 #7 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 10/3/2022 3:49:50PM
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S5 4'

E209142-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Benzene	ND	0.0250	1	09/26/22	09/27/22	
Ethylbenzene	ND	0.0250	1	09/26/22	09/27/22	
Toluene	ND	0.0250	1	09/26/22	09/27/22	
o-Xylene	ND	0.0250	1	09/26/22	09/27/22	
p,m-Xylene	ND	0.0500	1	09/26/22	09/27/22	
Total Xylenes	ND	0.0250	1	09/26/22	09/27/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.3 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/26/22	09/27/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.2 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2240018
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/22	09/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/28/22	09/30/22	
<i>Surrogate: n-Nonane</i>		74.3 %	50-200	09/28/22	09/30/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2240076
Chloride	ND	20.0	1	09/29/22	09/30/22	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 #7 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 10/3/2022 3:49:50PM
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S6 3'

E209142-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Benzene	ND	0.0250	1	09/26/22	09/27/22	
Ethylbenzene	ND	0.0250	1	09/26/22	09/27/22	
Toluene	ND	0.0250	1	09/26/22	09/27/22	
o-Xylene	ND	0.0250	1	09/26/22	09/27/22	
p,m-Xylene	ND	0.0500	1	09/26/22	09/27/22	
Total Xylenes	ND	0.0250	1	09/26/22	09/27/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.6 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/26/22	09/27/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.0 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2240018
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/22	09/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/28/22	09/30/22	
<i>Surrogate: n-Nonane</i>		67.5 %	50-200	09/28/22	09/30/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2240076
Chloride	ND	20.0	1	09/29/22	09/30/22	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 #7 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 10/3/2022 3:49:50PM
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**S6 4'**

**E209142-06**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Benzene	ND	0.0250	1	09/26/22	09/27/22	
Ethylbenzene	ND	0.0250	1	09/26/22	09/27/22	
Toluene	ND	0.0250	1	09/26/22	09/27/22	
o-Xylene	ND	0.0250	1	09/26/22	09/27/22	
p,m-Xylene	ND	0.0500	1	09/26/22	09/27/22	
Total Xylenes	ND	0.0250	1	09/26/22	09/27/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/26/22	09/27/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		86.5 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2240018
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/22	09/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/28/22	09/30/22	
<i>Surrogate: n-Nonane</i>		74.2 %	50-200	09/28/22	09/30/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2240076
Chloride	ND	20.0	1	09/29/22	09/30/22	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 #7 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 10/3/2022 3:49:50PM
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S7 1'

E209142-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Benzene	ND	0.250	10	09/26/22	09/27/22	
Ethylbenzene	ND	0.250	10	09/26/22	09/27/22	
Toluene	ND	0.250	10	09/26/22	09/27/22	
o-Xylene	ND	0.250	10	09/26/22	09/27/22	
p,m-Xylene	ND	0.500	10	09/26/22	09/27/22	
Total Xylenes	ND	0.250	10	09/26/22	09/27/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Gasoline Range Organics (C6-C10)	ND	200	10	09/26/22	09/27/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.5 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2240018
Diesel Range Organics (C10-C28)	9220	125	5	09/28/22	09/30/22	
Oil Range Organics (C28-C36)	3700	250	5	09/28/22	09/30/22	
<i>Surrogate: n-Nonane</i>		75.7 %	50-200	09/28/22	09/30/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2240076
Chloride	931	200	10	09/29/22	09/30/22	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 #7 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 10/3/2022 3:49:50PM
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S7 2'

E209142-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Benzene	ND	0.0250	1	09/26/22	09/27/22	
Ethylbenzene	ND	0.0250	1	09/26/22	09/27/22	
Toluene	ND	0.0250	1	09/26/22	09/27/22	
o-Xylene	ND	0.0250	1	09/26/22	09/27/22	
p,m-Xylene	ND	0.0500	1	09/26/22	09/27/22	
Total Xylenes	ND	0.0250	1	09/26/22	09/27/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.4 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/26/22	09/27/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.0 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2240018
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/22	09/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/28/22	09/30/22	
<i>Surrogate: n-Nonane</i>		74.8 %	50-200	09/28/22	09/30/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2240076
Chloride	ND	20.0	1	09/29/22	09/30/22	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 #7 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 10/3/2022 3:49:50PM
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S7 3'

E209142-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Benzene	ND	0.0250	1	09/26/22	09/27/22	
Ethylbenzene	ND	0.0250	1	09/26/22	09/27/22	
Toluene	ND	0.0250	1	09/26/22	09/27/22	
o-Xylene	ND	0.0250	1	09/26/22	09/27/22	
p,m-Xylene	ND	0.0500	1	09/26/22	09/27/22	
Total Xylenes	ND	0.0250	1	09/26/22	09/27/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.3 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/26/22	09/27/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		86.4 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2240018
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/22	10/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/28/22	10/01/22	
<i>Surrogate: n-Nonane</i>		73.5 %	50-200	09/28/22	10/01/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2240076
Chloride	ND	20.0	1	09/29/22	09/30/22	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 #7 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 10/3/2022 3:49:50PM
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S7 4'

E209142-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Benzene	ND	0.0250	1	09/26/22	09/27/22	
Ethylbenzene	ND	0.0250	1	09/26/22	09/27/22	
Toluene	ND	0.0250	1	09/26/22	09/27/22	
o-Xylene	ND	0.0250	1	09/26/22	09/27/22	
p,m-Xylene	ND	0.0500	1	09/26/22	09/27/22	
Total Xylenes	ND	0.0250	1	09/26/22	09/27/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.7 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/26/22	09/27/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		85.4 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2240018
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/22	10/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/28/22	10/01/22	
<i>Surrogate: n-Nonane</i>		72.1 %	50-200	09/28/22	10/01/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2240076
Chloride	ND	20.0	1	09/29/22	09/30/22	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 #7 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 10/3/2022 3:49:50PM
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S8 3'

E209142-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Benzene	ND	0.0250	1	09/26/22	09/27/22	
Ethylbenzene	ND	0.0250	1	09/26/22	09/27/22	
Toluene	ND	0.0250	1	09/26/22	09/27/22	
o-Xylene	ND	0.0250	1	09/26/22	09/27/22	
p,m-Xylene	ND	0.0500	1	09/26/22	09/27/22	
Total Xylenes	ND	0.0250	1	09/26/22	09/27/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.8 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/26/22	09/27/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.0 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2240018
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/22	10/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/28/22	10/01/22	
<i>Surrogate: n-Nonane</i>		73.8 %	50-200	09/28/22	10/01/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2240076
Chloride	ND	20.0	1	09/29/22	09/30/22	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 #7 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 10/3/2022 3:49:50PM
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S8 4'

E209142-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Benzene	ND	0.0250	1	09/26/22	09/27/22	
Ethylbenzene	ND	0.0250	1	09/26/22	09/27/22	
Toluene	ND	0.0250	1	09/26/22	09/27/22	
o-Xylene	ND	0.0250	1	09/26/22	09/27/22	
p,m-Xylene	ND	0.0500	1	09/26/22	09/27/22	
Total Xylenes	ND	0.0250	1	09/26/22	09/27/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/26/22	09/27/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		86.0 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2240018
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/22	10/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/28/22	10/01/22	
<i>Surrogate: n-Nonane</i>		74.6 %	50-200	09/28/22	10/01/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2240076
Chloride	ND	20.0	1	09/29/22	09/30/22	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 #7 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 10/3/2022 3:49:50PM
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S9 1'

E209142-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Benzene	ND	0.250	10	09/26/22	09/27/22	
Ethylbenzene	ND	0.250	10	09/26/22	09/27/22	
Toluene	ND	0.250	10	09/26/22	09/27/22	
o-Xylene	ND	0.250	10	09/26/22	09/27/22	
p,m-Xylene	<b>0.517</b>	0.500	10	09/26/22	09/27/22	
Total Xylenes	<b>0.517</b>	0.250	10	09/26/22	09/27/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Gasoline Range Organics (C6-C10)	ND	200	10	09/26/22	09/27/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		85.6 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2240018
Diesel Range Organics (C10-C28)	<b>13200</b>	125	5	09/28/22	10/01/22	
Oil Range Organics (C28-C36)	<b>5430</b>	250	5	09/28/22	10/01/22	
<i>Surrogate: n-Nonane</i>		73.0 %	50-200	09/28/22	10/01/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2240076
Chloride	<b>2730</b>	400	20	09/29/22	09/30/22	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 #7 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 10/3/2022 3:49:50PM
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S9 2'

E209142-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Benzene	ND	0.0250	1	09/26/22	09/27/22	
Ethylbenzene	ND	0.0250	1	09/26/22	09/27/22	
Toluene	ND	0.0250	1	09/26/22	09/27/22	
o-Xylene	ND	0.0250	1	09/26/22	09/27/22	
p,m-Xylene	ND	0.0500	1	09/26/22	09/27/22	
Total Xylenes	ND	0.0250	1	09/26/22	09/27/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/26/22	09/27/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.4 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2240018
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/22	10/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/28/22	10/01/22	
<i>Surrogate: n-Nonane</i>		62.4 %	50-200	09/28/22	10/01/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2240076
Chloride	ND	20.0	1	09/29/22	09/30/22	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 #7 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 10/3/2022 3:49:50PM
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S9 3'

E209142-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Benzene	ND	0.0250	1	09/26/22	09/27/22	
Ethylbenzene	ND	0.0250	1	09/26/22	09/27/22	
Toluene	ND	0.0250	1	09/26/22	09/27/22	
o-Xylene	ND	0.0250	1	09/26/22	09/27/22	
p,m-Xylene	ND	0.0500	1	09/26/22	09/27/22	
Total Xylenes	ND	0.0250	1	09/26/22	09/27/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.5 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/26/22	09/27/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.7 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2240018
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/22	10/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/28/22	10/01/22	
<i>Surrogate: n-Nonane</i>		73.1 %	50-200	09/28/22	10/01/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2240076
Chloride	ND	20.0	1	09/29/22	09/30/22	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 #7 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 10/3/2022 3:49:50PM
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S9 4'

E209142-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Benzene	ND	0.0250	1	09/26/22	09/27/22	
Ethylbenzene	ND	0.0250	1	09/26/22	09/27/22	
Toluene	ND	0.0250	1	09/26/22	09/27/22	
o-Xylene	ND	0.0250	1	09/26/22	09/27/22	
p,m-Xylene	ND	0.0500	1	09/26/22	09/27/22	
Total Xylenes	ND	0.0250	1	09/26/22	09/27/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/26/22	09/27/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.1 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2240018
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/22	10/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/28/22	10/01/22	
<i>Surrogate: n-Nonane</i>		72.0 %	50-200	09/28/22	10/01/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2240076
Chloride	ND	20.0	1	09/29/22	09/30/22	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 #7 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 10/3/2022 3:49:50PM
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**SW1**

**E209142-17**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Benzene	ND	0.0250	1	09/26/22	09/27/22	
Ethylbenzene	ND	0.0250	1	09/26/22	09/27/22	
Toluene	ND	0.0250	1	09/26/22	09/27/22	
o-Xylene	ND	0.0250	1	09/26/22	09/27/22	
p,m-Xylene	ND	0.0500	1	09/26/22	09/27/22	
Total Xylenes	ND	0.0250	1	09/26/22	09/27/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/26/22	09/27/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		85.4 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2240018
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/22	10/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/28/22	10/01/22	
<i>Surrogate: n-Nonane</i>		72.7 %	50-200	09/28/22	10/01/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2240076
Chloride	ND	20.0	1	09/29/22	09/30/22	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 #7 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 10/3/2022 3:49:50PM
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**SW2**

**E209142-18**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Benzene	ND	0.0250	1	09/26/22	09/27/22	
Ethylbenzene	ND	0.0250	1	09/26/22	09/27/22	
Toluene	ND	0.0250	1	09/26/22	09/27/22	
o-Xylene	ND	0.0250	1	09/26/22	09/27/22	
p,m-Xylene	ND	0.0500	1	09/26/22	09/27/22	
Total Xylenes	ND	0.0250	1	09/26/22	09/27/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/26/22	09/27/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.7 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2240018
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/22	10/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/28/22	10/01/22	
<i>Surrogate: n-Nonane</i>		73.7 %	50-200	09/28/22	10/01/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2240076
Chloride	ND	20.0	1	09/29/22	09/30/22	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 #7 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 10/3/2022 3:49:50PM
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**SW3**

**E209142-19**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Benzene	ND	0.0250	1	09/26/22	09/27/22	
Ethylbenzene	ND	0.0250	1	09/26/22	09/27/22	
Toluene	ND	0.0250	1	09/26/22	09/27/22	
o-Xylene	ND	0.0250	1	09/26/22	09/27/22	
p,m-Xylene	ND	0.0500	1	09/26/22	09/27/22	
Total Xylenes	ND	0.0250	1	09/26/22	09/27/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/26/22	09/27/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.1 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2240018
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/22	10/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/28/22	10/01/22	
<i>Surrogate: n-Nonane</i>		72.3 %	50-200	09/28/22	10/01/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2240076
Chloride	ND	20.0	1	09/29/22	09/30/22	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 #7 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 10/3/2022 3:49:50PM
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**SW4**

**E209142-20**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Benzene	ND	0.0250	1	09/26/22	09/27/22	
Ethylbenzene	ND	0.0250	1	09/26/22	09/27/22	
Toluene	ND	0.0250	1	09/26/22	09/27/22	
o-Xylene	ND	0.0250	1	09/26/22	09/27/22	
p,m-Xylene	ND	0.0500	1	09/26/22	09/27/22	
Total Xylenes	ND	0.0250	1	09/26/22	09/27/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240002
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/26/22	09/27/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.8 %	70-130	09/26/22	09/27/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2240018
Diesel Range Organics (C10-C28)	ND	25.0	1	09/28/22	10/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/28/22	10/01/22	
<i>Surrogate: n-Nonane</i>		73.0 %	50-200	09/28/22	10/01/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2240076
Chloride	ND	20.0	1	09/29/22	09/30/22	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 #7 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 10/3/2022 3:49:50PM
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**BG1**

**E209142-21**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240001
Benzene	ND	0.0250	1	09/26/22	09/26/22	
Ethylbenzene	ND	0.0250	1	09/26/22	09/26/22	
Toluene	ND	0.0250	1	09/26/22	09/26/22	
o-Xylene	ND	0.0250	1	09/26/22	09/26/22	
p,m-Xylene	ND	0.0500	1	09/26/22	09/26/22	
Total Xylenes	ND	0.0250	1	09/26/22	09/26/22	
<i>Surrogate: Bromofluorobenzene</i>		97.3 %	70-130	09/26/22	09/26/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		93.0 %	70-130	09/26/22	09/26/22	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	09/26/22	09/26/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240001
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/26/22	09/26/22	
<i>Surrogate: Bromofluorobenzene</i>		97.3 %	70-130	09/26/22	09/26/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		93.0 %	70-130	09/26/22	09/26/22	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	09/26/22	09/26/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2240016
Diesel Range Organics (C10-C28)	ND	25.0	1	09/27/22	09/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/27/22	09/30/22	
<i>Surrogate: n-Nonane</i>		80.9 %	50-200	09/27/22	09/30/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2240007
Chloride	ND	20.0	1	09/26/22	09/28/22	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 #7 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 10/3/2022 3:49:50PM
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**BG2**

**E209142-22**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240001
Benzene	ND	0.0250	1	09/26/22	09/26/22	
Ethylbenzene	ND	0.0250	1	09/26/22	09/26/22	
Toluene	ND	0.0250	1	09/26/22	09/26/22	
o-Xylene	ND	0.0250	1	09/26/22	09/26/22	
p,m-Xylene	ND	0.0500	1	09/26/22	09/26/22	
Total Xylenes	ND	0.0250	1	09/26/22	09/26/22	
<i>Surrogate: Bromofluorobenzene</i>		96.9 %	70-130	09/26/22	09/26/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.8 %	70-130	09/26/22	09/26/22	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	09/26/22	09/26/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2240001
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/26/22	09/26/22	
<i>Surrogate: Bromofluorobenzene</i>		96.9 %	70-130	09/26/22	09/26/22	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.8 %	70-130	09/26/22	09/26/22	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	09/26/22	09/26/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2240016
Diesel Range Organics (C10-C28)	ND	25.0	1	09/27/22	09/30/22	
Oil Range Organics (C28-C36)	ND	50.0	1	09/27/22	09/30/22	
<i>Surrogate: n-Nonane</i>		83.3 %	50-200	09/27/22	09/30/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: KL		Batch: 2240007
Chloride	ND	20.0	1	09/26/22	09/28/22	



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 #7 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 10/3/2022 3:49:50PM
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#### Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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#### Blank (2240001-BLK1)

Prepared: 09/26/22 Analyzed: 09/26/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
<i>Surrogate: Bromofluorobenzene</i>	0.485		0.500		96.9	70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	0.460		0.500		92.0	70-130			
<i>Surrogate: Toluene-d8</i>	0.529		0.500		106	70-130			

#### LCS (2240001-BS1)

Prepared: 09/26/22 Analyzed: 09/26/22

Benzene	1.97	0.0250	2.50		78.6	70-130			
Ethylbenzene	2.02	0.0250	2.50		80.7	70-130			
Toluene	1.97	0.0250	2.50		79.0	70-130			
o-Xylene	1.88	0.0250	2.50		75.0	70-130			
p,m-Xylene	3.75	0.0500	5.00		74.9	70-130			
Total Xylenes	5.62	0.0250	7.50		75.0	70-130			
<i>Surrogate: Bromofluorobenzene</i>	0.497		0.500		99.3	70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	0.463		0.500		92.5	70-130			
<i>Surrogate: Toluene-d8</i>	0.529		0.500		106	70-130			

#### LCS Dup (2240001-BSD1)

Prepared: 09/26/22 Analyzed: 09/26/22

Benzene	2.22	0.0250	2.50		89.0	70-130	12.4	23	
Ethylbenzene	2.29	0.0250	2.50		91.5	70-130	12.6	27	
Toluene	2.25	0.0250	2.50		90.1	70-130	13.2	24	
o-Xylene	2.15	0.0250	2.50		85.9	70-130	13.5	27	
p,m-Xylene	4.25	0.0500	5.00		85.0	70-130	12.6	27	
Total Xylenes	6.40	0.0250	7.50		85.3	70-130	12.9	27	
<i>Surrogate: Bromofluorobenzene</i>	0.503		0.500		101	70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	0.483		0.500		96.5	70-130			
<i>Surrogate: Toluene-d8</i>	0.535		0.500		107	70-130			



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 #7 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 10/3/2022 3:49:50PM
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#### Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2240002-BLK1)**

Prepared: 09/26/22 Analyzed: 09/26/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.06		8.00		101	70-130			

**LCS (2240002-BS1)**

Prepared: 09/26/22 Analyzed: 09/26/22

Benzene	5.05	0.0250	5.00		101	70-130			
Ethylbenzene	4.13	0.0250	5.00		82.5	70-130			
Toluene	4.39	0.0250	5.00		87.8	70-130			
o-Xylene	4.19	0.0250	5.00		83.7	70-130			
p,m-Xylene	8.37	0.0500	10.0		83.7	70-130			
Total Xylenes	12.6	0.0250	15.0		83.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.01		8.00		100	70-130			

**LCS Dup (2240002-BSD1)**

Prepared: 09/26/22 Analyzed: 09/26/22

Benzene	5.16	0.0250	5.00		103	70-130	2.10	20	
Ethylbenzene	4.22	0.0250	5.00		84.3	70-130	2.18	20	
Toluene	4.49	0.0250	5.00		89.7	70-130	2.23	20	
o-Xylene	4.28	0.0250	5.00		85.6	70-130	2.24	20	
p,m-Xylene	8.56	0.0500	10.0		85.6	70-130	2.22	20	
Total Xylenes	12.8	0.0250	15.0		85.6	70-130	2.23	20	
Surrogate: 4-Bromochlorobenzene-PID	8.03		8.00		100	70-130			



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 #7 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 10/3/2022 3:49:50PM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2240001-BLK1)**

Prepared: 09/26/22 Analyzed: 09/26/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.485		0.500		96.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.460		0.500		92.0	70-130			
Surrogate: Toluene-d8	0.529		0.500		106	70-130			

**LCS (2240001-BS2)**

Prepared: 09/26/22 Analyzed: 09/26/22

Gasoline Range Organics (C6-C10)	51.9	20.0	50.0		104	70-130			
Surrogate: Bromofluorobenzene	0.487		0.500		97.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.464		0.500		92.8	70-130			
Surrogate: Toluene-d8	0.534		0.500		107	70-130			

**LCS Dup (2240001-BSD2)**

Prepared: 09/26/22 Analyzed: 09/26/22

Gasoline Range Organics (C6-C10)	53.3	20.0	50.0		107	70-130	2.68	20	
Surrogate: Bromofluorobenzene	0.490		0.500		98.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.481		0.500		96.1	70-130			
Surrogate: Toluene-d8	0.529		0.500		106	70-130			



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 #7 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 10/3/2022 3:49:50PM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2240002-BLK1)**

Prepared: 09/26/22 Analyzed: 09/26/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.63		8.00		82.8	70-130			

**LCS (2240002-BS2)**

Prepared: 09/26/22 Analyzed: 09/26/22

Gasoline Range Organics (C6-C10)	47.1	20.0	50.0		94.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.02		8.00		87.7	70-130			

**LCS Dup (2240002-BSD2)**

Prepared: 09/26/22 Analyzed: 09/26/22

Gasoline Range Organics (C6-C10)	46.5	20.0	50.0		93.0	70-130	1.25	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.99		8.00		87.4	70-130			



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 #7 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 10/3/2022 3:49:50PM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2240016-BLK1)**

Prepared: 09/27/22 Analyzed: 09/29/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	40.3		50.0		80.5	50-200			

**LCS (2240016-BS1)**

Prepared: 09/27/22 Analyzed: 09/29/22

Diesel Range Organics (C10-C28)	255	25.0	250		102	38-132			
Surrogate: n-Nonane	41.9		50.0		83.7	50-200			

**Matrix Spike (2240016-MS1)**

Source: E209136-10

Prepared: 09/27/22 Analyzed: 09/29/22

Diesel Range Organics (C10-C28)	255	25.0	250	ND	102	38-132			
Surrogate: n-Nonane	40.3		50.0		80.6	50-200			

**Matrix Spike Dup (2240016-MSD1)**

Source: E209136-10

Prepared: 09/27/22 Analyzed: 09/29/22

Diesel Range Organics (C10-C28)	262	25.0	250	ND	105	38-132	2.51	20	
Surrogate: n-Nonane	40.2		50.0		80.4	50-200			



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 #7 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 10/3/2022 3:49:50PM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2240018-BLK1)**

Prepared: 09/28/22 Analyzed: 09/30/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	36.4		50.0		72.7	50-200			

**LCS (2240018-BS1)**

Prepared: 09/28/22 Analyzed: 09/30/22

Diesel Range Organics (C10-C28)	211	25.0	250		84.6	38-132			
Surrogate: n-Nonane	36.8		50.0		73.6	50-200			

**Matrix Spike (2240018-MS1)**

Source: E209142-14

Prepared: 09/28/22 Analyzed: 09/30/22

Diesel Range Organics (C10-C28)	236	25.0	250	ND	94.6	38-132			
Surrogate: n-Nonane	36.2		50.0		72.4	50-200			

**Matrix Spike Dup (2240018-MSD1)**

Source: E209142-14

Prepared: 09/28/22 Analyzed: 09/30/22

Diesel Range Organics (C10-C28)	215	25.0	250	ND	86.0	38-132	9.44	20	
Surrogate: n-Nonane	33.0		50.0		66.0	50-200			



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 #7 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 10/3/2022 3:49:50PM
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#### Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2240007-BLK1)**

Prepared: 09/26/22 Analyzed: 09/28/22

Chloride ND 20.0

**LCS (2240007-BS1)**

Prepared: 09/26/22 Analyzed: 09/28/22

Chloride 250 20.0 250 100 90-110

**Matrix Spike (2240007-MS1)**

Source: E209138-21

Prepared: 09/26/22 Analyzed: 09/28/22

Chloride 272 20.0 250 23.8 99.4 80-120

**Matrix Spike Dup (2240007-MSD1)**

Source: E209138-21

Prepared: 09/26/22 Analyzed: 09/28/22

Chloride 272 20.0 250 23.8 99.4 80-120 0.0320 20



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 #7 Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 10/3/2022 3:49:50PM
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#### Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2240076-BLK1)**

Prepared: 09/29/22 Analyzed: 09/30/22

Chloride ND 20.0

**LCS (2240076-BS1)**

Prepared: 09/29/22 Analyzed: 09/30/22

Chloride 259 20.0 250 103 90-110

**LCS Dup (2240076-BSD1)**

Prepared: 09/29/22 Analyzed: 09/30/22

Chloride 255 20.0 250 102 90-110 1.24 20

QC Summary Report Comment:

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



### Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	Jasper 32 #7	
PO Box 247	Project Number:	01058-0007	<b>Reported:</b>
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/03/22 15:49

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with \*\* are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Project Information

Chain of Custody

<b>Client:</b> Pima Environmental Services <b>Project:</b> JACOBER 32#7 <b>Project Manager:</b> Tom Bynum <b>Address:</b> 5614 N. Lovington Hwy. <b>City, State, Zip:</b> Hobbs, NM, 88240 <b>Phone:</b> 580-748-1613 <b>Email:</b> tom@pimaoil.com <b>Report due by:</b>		<b>Bill To:</b> <b>Attention:</b> Devon Energy <b>Address:</b> <b>City, State, Zip:</b> <b>Phone:</b> <b>Email:</b> <b>Pima Project #</b> 24		<b>Lab Use Only:</b> <b>Lab No:</b> 20715192 <b>Lab Number:</b> 01056007		<b>TAT</b> 1D 2D 3D Standard X			<b>EPA Program</b> CWA SDWA RCRA	
				<b>Analysis and Method</b> DRO/DRO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BDOC NM BDOC TX		<b>State</b> NM CO UT AZ TX X			<b>Remarks</b>	

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BDOC NM	BDOC TX	Remarks
8:00	9/22/22	S	1	S5 1'	1							X		
8:05				S5 2'	2									
8:10				S5 3'	3									
8:15				S5 4'	4									
8:20				S6 3'	5									
8:25				S6 4'	6									
8:30				S7 1'	7									
8:35				S7 2'	8									
8:40				S7 3'	9									
8:45				S7 4'	10									

**Additional Instructions:** (20715192)

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.

<b>Relinquished by: (Signature)</b> [Signature]				<b>Date</b> 9/23/22 <b>Time</b> 2:30		<b>Received by: (Signature)</b> [Signature]				<b>Date</b> 9/23/22 <b>Time</b> 3:00		<b>Lab Use Only</b> (received on ice) <input checked="" type="checkbox"/> N	
<b>Relinquished by: (Signature)</b> [Signature]				<b>Date</b> 9/23/22 <b>Time</b> 9:00		<b>Received by: (Signature)</b> [Signature]				<b>Date</b> 9/26/22 <b>Time</b> 9:00		<b>AVG Temp °C</b> 4	

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.



Project Information

Chain of Custody

<b>Client:</b> Pima Environmental Services <b>Project:</b> JOGAPR 32#7 <b>Project Manager:</b> Tom Bynum <b>Address:</b> 5614 N. Lovington Hwy. <b>City, State, Zip:</b> Hobbs, NM, 88240 <b>Phone:</b> 580-748-1613 <b>Email:</b> tom@pimaoil.com <b>Report due by:</b>		<b>Bill To</b> <b>Attention:</b> Devon Energy <b>Address:</b> <b>City, State, Zip:</b> <b>Phone:</b> <b>Email:</b> <b>Pima Project #</b>		<b>Lab Use Only</b> <b>Lab Work:</b> E 209/42 <b>Job Number:</b> 01058-0007		<b>TAT</b> 1D 2D 3D Standard X		<b>EPA Program</b> CWA SDWA RCRA	
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Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	State					Remarks	
														NM	CO	UT	AZ	TX		
8:50	9/22/22	S	1	S8 3'	11							X								
8:55				S8 4'	12															
9:00				S9 1'	13															
9:05				S9 2'	14															
9:10				S9 3'	15															
9:15				S9 4'	16															
9:20				SW1	17															
9:25				SW2	18															
9:30				SW3	19															
9:35				SW4	20															

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.

Relinquished by: (Signature) <i>[Signature]</i> Date: 9/23/22 Time: 2:30 Relinquished by: (Signature) <i>[Signature]</i> Date: 9/23/22 Time: 4:15		Received by: (Signature) <i>[Signature]</i> Date: 9/23/22 Time: 3:00 Received by: (Signature) <i>[Signature]</i> Date: 9/26/22 Time: 9:00		<b>Lab Use Only</b> Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C: 4	
--	--	--	--	--	--

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.

Project Information

Chain of Custody

<b>Client: Pima Environmental Services</b> Project: <u>INOPER 32#7</u> Project Manager: <u>Tom Bynum</u> Address: <u>5614 N. Lovington Hwy.</u> City, State, Zip: <u>Hobbs, NM. 88240</u> Phone: <u>580-748-1613</u> Email: <u>tom@pimaoil.com</u> Report due by: _____		<b>Bill To</b> Attention: <u>DEVON Energy</u> Address: _____ City, State, Zip: _____ Phone: _____ Email: _____ Pima Project #: _____		<b>Lab Use Only</b> Lab Work # <u>E 209142</u> Job Number <u>01057-0007</u>		<b>TAT</b> 1D <input type="checkbox"/> 2D <input type="checkbox"/> 3D <input type="checkbox"/> Standard <input checked="" type="checkbox"/>		<b>EPA Program</b> CWA <input type="checkbox"/> SDWA <input type="checkbox"/> RCRA <input type="checkbox"/>	
--	--	--	--	---	--	--	--	--	--

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	State					Remarks		
														NM	CO	UT	AZ	TX			
9:40	9/22/22	S	1	BQ1	21							X		X							
9:45	L	L	L	BQ2	22							+									

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.

Sample by: Audriana Bernavidez

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) <u>Audriana Bernavidez</u>	Date <u>9/23/22</u>	Time <u>2:30</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>9-23-22</u>	Time <u>3:20</u>	Received on ice: <input checked="" type="checkbox"/> N
Relinquished by: (Signature) <u>[Signature]</u>	Date <u>9-23-22</u>	Time <u>4:15</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>9/26/22</u>	Time <u>9:00</u>	T1 _____ T2 _____ T3 _____
Relinquished by: (Signature) _____	Date _____	Time _____	Received by: (Signature) _____	Date _____	Time _____	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.



Envirotech Analytical Laboratory

Printed: 9/26/2022 9:53:33AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client: Pima Environmental Services-Carlsbad Date Received: 09/26/22 09:00 Work Order ID: E209142
Phone: (575) 631-6977 Date Logged In: 09/23/22 16:20 Logged In By: Caitlin Christian
Email: tom@pimaoil.com Due Date: 09/30/22 17:00 (4 day TAT)

Chain of Custody (COC)

- 1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Carrier: UPS

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

Empty box for client instruction.

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

Date



envirotech Inc.

Report to:  
Tom Bynum



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Jasper 32 State Com 7H

Work Order: E305088

Job Number: 01058-0007

Received: 5/16/2023

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
5/17/23

5796 U.S. Hwy 64  
Farmington, NM 87401

Phone: (505) 632-1881  
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.  
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.  
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.  
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.  
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 5/17/23



Tom Bynum  
PO Box 247  
Plains, TX 79355-0247

Project Name: Jasper 32 State Com 7H  
Workorder: E305088  
Date Received: 5/16/2023 7:20:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/16/2023 7:20:00AM, under the Project Name: Jasper 32 State Com 7H.

The analytical test results summarized in this report with the Project Name: Jasper 32 State Com 7H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto:labadmin@envirotech-inc.com)

Field Offices:

**Southern New Mexico Area**  
**Lynn Jarboe**  
Technical Representative/Client Services  
Office: 505-421-LABS(5227)  
Cell: 505-320-4759  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

**West Texas Midland/Odessa Area**  
**Rayny Hagan**  
Technical Representative  
Office: 505-421-LABS(5227)

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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## Sample Summary

Pima Environmental Services-Carlsbad  
PO Box 247  
Plains TX, 79355-0247

Project Name: Jasper 32 State Com 7H  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
05/17/23 12:51

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS1	E305088-01A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.
CS2	E305088-02A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.
CS3	E305088-03A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.
CS4	E305088-04A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.
CS5	E305088-05A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.
CS6	E305088-06A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.
CS7	E305088-07A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.
CS8	E305088-08A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.
CS9	E305088-09A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.
CS10	E305088-10A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.
CS11	E305088-11A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.
CS12	E305088-12A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.
CS13	E305088-13A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.
CS14	E305088-14A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.
CS15	E305088-15A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.
CS16	E305088-16A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.
CS17	E305088-17A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.
CS18	E305088-18A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.
CS19	E305088-19A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.
CS20	E305088-20A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/17/2023 12:51:37PM
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**CS1**  
**E305088-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		95.7 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.3 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2320022
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>		90.4 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2320029
Chloride	ND	20.0	1	05/16/23	05/16/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/17/2023 12:51:37PM
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**CS2**

**E305088-02**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.7 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.1 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2320022
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>		92.0 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2320029
Chloride	ND	20.0	1	05/16/23	05/16/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/17/2023 12:51:37PM
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**CS3**

**E305088-03**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.9 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.4 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2320022
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>		92.1 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2320029
Chloride	ND	20.0	1	05/16/23	05/16/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/17/2023 12:51:37PM
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**CS4**

**E305088-04**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.9 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2320022
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>		96.3 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2320029
Chloride	ND	20.0	1	05/16/23	05/16/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/17/2023 12:51:37PM
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**CS5**

**E305088-05**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		97.6 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2320022
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>		93.7 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2320029
Chloride	ND	20.0	1	05/16/23	05/16/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/17/2023 12:51:37PM
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**CS6**

**E305088-06**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.9 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2320022
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>						
		88.9 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2320029
Chloride	ND	20.0	1	05/16/23	05/16/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/17/2023 12:51:37PM
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**CS7**

**E305088-07**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.2 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2320022
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>		81.5 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2320029
Chloride	ND	20.0	1	05/16/23	05/16/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/17/2023 12:51:37PM
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**CS8**

**E305088-08**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.2 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2320022
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>		90.6 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2320029
Chloride	ND	20.0	1	05/16/23	05/16/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/17/2023 12:51:37PM
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**CS9**

**E305088-09**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.6 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2320022
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>		89.6 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2320029
Chloride	ND	20.0	1	05/16/23	05/16/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/17/2023 12:51:37PM
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**CS10**

**E305088-10**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.3 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2320022
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>		90.9 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2320029
Chloride	ND	20.0	1	05/16/23	05/16/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/17/2023 12:51:37PM
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**CS11**

**E305088-11**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.9 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.7 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2320022
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>		89.2 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2320029
Chloride	ND	20.0	1	05/16/23	05/16/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/17/2023 12:51:37PM
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**CS12**

**E305088-12**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		94.9 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		95.1 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2320022
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>						
		93.7 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2320029
Chloride	ND	20.0	1	05/16/23	05/16/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/17/2023 12:51:37PM
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**CS13**

**E305088-13**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		95.2 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.4 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2320022
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>		93.7 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2320029
Chloride	ND	20.0	1	05/16/23	05/16/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/17/2023 12:51:37PM
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**CS14**

**E305088-14**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.1 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.5 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2320022
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>		92.4 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2320029
Chloride	ND	20.0	1	05/16/23	05/16/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/17/2023 12:51:37PM
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**CS15**

**E305088-15**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		95.9 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.8 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2320022
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>		93.9 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2320029
Chloride	ND	20.0	1	05/16/23	05/16/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/17/2023 12:51:37PM
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**CS16**

**E305088-16**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.3 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.7 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2320022
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>		91.1 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2320029
Chloride	ND	20.0	1	05/16/23	05/16/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/17/2023 12:51:37PM
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**CS17**

**E305088-17**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.8 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2320022
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>		94.3 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2320029
Chloride	ND	20.0	1	05/16/23	05/16/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/17/2023 12:51:37PM
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**CS18**

**E305088-18**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		95.1 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2320022
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>						
		99.5 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2320029
Chloride	ND	20.0	1	05/16/23	05/16/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/17/2023 12:51:37PM
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**CS19**

**E305088-19**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.1 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2320022
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>		106 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2320029
Chloride	ND	20.0	1	05/16/23	05/16/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/17/2023 12:51:37PM
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**CS20**

**E305088-20**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.9 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2320022
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>		105 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2320029
Chloride	ND	20.0	1	05/16/23	05/16/23	



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/17/2023 12:51:37PM
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#### Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2320027-BLK1)**

Prepared: 05/16/23 Analyzed: 05/16/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.12		8.00		101	70-130			

**LCS (2320027-BS1)**

Prepared: 05/16/23 Analyzed: 05/16/23

Benzene	4.40	0.0250	5.00		88.0	70-130			
Ethylbenzene	4.62	0.0250	5.00		92.4	70-130			
Toluene	4.75	0.0250	5.00		94.9	70-130			
o-Xylene	4.87	0.0250	5.00		97.5	70-130			
p,m-Xylene	9.55	0.0500	10.0		95.5	70-130			
Total Xylenes	14.4	0.0250	15.0		96.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.13		8.00		102	70-130			

**Matrix Spike (2320027-MS1)**

Source: E305088-07

Prepared: 05/16/23 Analyzed: 05/16/23

Benzene	4.27	0.0250	5.00	ND	85.4	54-133			
Ethylbenzene	4.48	0.0250	5.00	ND	89.6	61-133			
Toluene	4.62	0.0250	5.00	ND	92.4	61-130			
o-Xylene	4.74	0.0250	5.00	ND	94.8	63-131			
p,m-Xylene	9.27	0.0500	10.0	ND	92.7	63-131			
Total Xylenes	14.0	0.0250	15.0	ND	93.4	63-131			
Surrogate: 4-Bromochlorobenzene-PID	8.25		8.00		103	70-130			

**Matrix Spike Dup (2320027-MSD1)**

Source: E305088-07

Prepared: 05/16/23 Analyzed: 05/16/23

Benzene	4.33	0.0250	5.00	ND	86.6	54-133	1.42	20	
Ethylbenzene	4.54	0.0250	5.00	ND	90.8	61-133	1.41	20	
Toluene	4.68	0.0250	5.00	ND	93.5	61-130	1.26	20	
o-Xylene	4.80	0.0250	5.00	ND	96.0	63-131	1.22	20	
p,m-Xylene	9.41	0.0500	10.0	ND	94.1	63-131	1.50	20	
Total Xylenes	14.2	0.0250	15.0	ND	94.7	63-131	1.40	20	
Surrogate: 4-Bromochlorobenzene-PID	8.23		8.00		103	70-130			



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/17/2023 12:51:37PM
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#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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**Blank (2320027-BLK1)**

Prepared: 05/16/23 Analyzed: 05/16/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.42		8.00		92.7	70-130			

**LCS (2320027-BS2)**

Prepared: 05/16/23 Analyzed: 05/17/23

Gasoline Range Organics (C6-C10)	52.8	20.0	50.0		106	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.52		8.00		94.0	70-130			

**Matrix Spike (2320027-MS2)**

Source: E305088-07

Prepared: 05/16/23 Analyzed: 05/16/23

Gasoline Range Organics (C6-C10)	43.8	20.0	50.0	ND	87.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00		91.8	70-130			

**Matrix Spike Dup (2320027-MSD2)**

Source: E305088-07

Prepared: 05/16/23 Analyzed: 05/17/23

Gasoline Range Organics (C6-C10)	52.1	20.0	50.0	ND	104	70-130	17.3	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.41		8.00		92.7	70-130			



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/17/2023 12:51:37PM
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#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

**Blank (2320022-BLK1)**

Prepared: 05/16/23 Analyzed: 05/16/23

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	43.7		50.0		87.4	50-200			

**LCS (2320022-BS1)**

Prepared: 05/16/23 Analyzed: 05/16/23

Diesel Range Organics (C10-C28)	266	25.0	250		106	38-132			
Surrogate: <i>n</i> -Nonane	42.3		50.0		84.7	50-200			

**Matrix Spike (2320022-MS1)**

Source: E305088-05

Prepared: 05/16/23 Analyzed: 05/16/23

Diesel Range Organics (C10-C28)	274	25.0	250	ND	110	38-132			
Surrogate: <i>n</i> -Nonane	44.2		50.0		88.5	50-200			

**Matrix Spike Dup (2320022-MSD1)**

Source: E305088-05

Prepared: 05/16/23 Analyzed: 05/16/23

Diesel Range Organics (C10-C28)	273	25.0	250	ND	109	38-132	0.499	20	
Surrogate: <i>n</i> -Nonane	42.2		50.0		84.5	50-200			



### QC Summary Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/17/2023 12:51:37PM
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#### Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

**Blank (2320029-BLK1)**

Prepared: 05/16/23 Analyzed: 05/16/23

Chloride ND 20.0

**LCS (2320029-BS1)**

Prepared: 05/16/23 Analyzed: 05/16/23

Chloride 246 20.0 250 98.4 90-110

**Matrix Spike (2320029-MS1)**

Source: E305088-01

Prepared: 05/16/23 Analyzed: 05/16/23

Chloride 251 20.0 250 ND 101 80-120

**Matrix Spike Dup (2320029-MSD1)**

Source: E305088-01

Prepared: 05/16/23 Analyzed: 05/16/23

Chloride 252 20.0 250 ND 101 80-120 0.287 20

QC Summary Report Comment:

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



### Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	Jasper 32 State Com 7H	
PO Box 247	Project Number:	01058-0007	<b>Reported:</b>
Plains TX, 79355-0247	Project Manager:	Tom Bynum	05/17/23 12:51

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with \*\* are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Released to Imaging: 7/13/2023 3:06:44 PM

Received by OCD: 5/18/2023 3:30:31 PM

Project Information

Chain of Custody

Client: Pima Environmental Services  
 Project: Jasper 36 State Corn 7A  
 Project Manager: Tom Bynum  
 Address: 5614 N. Lovington Hwy.  
 City, State, Zip Hobbs, NM, 88240  
 Phone: 580-748-1613  
 Email: tom@pimaoil.com  
 Report due by:

Bill To  
 Attention: Devon  
 Address:  
 City, State, Zip  
 Phone:  
 Email:  
 Pima Project # 1-24-1

Lab Use Only		TAT				EPA Program				
Lab WO# <u>E 305088</u>	Job Number <u>01058 0057</u>	1D	2D	3D	Standard	CWA	SDWA			
Analysis and Method						RCRA				
DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX			
						State				
						NM	CO	UT	AZ	TX
						X				

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
8:00	5/14/23	S	1	CS 1	1							X		
8:05				CS 2	2									
8:10				CS 3	3									
8:15				CS 4	4									
8:20				CS 5	5									
8:25				CS 6	6									
8:30				CS 7	7									
8:35				CS 8	8									
8:40				CS 9	9									
8:45				CS 10	10									

Additional Instructions: BH 2/137293

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally misreporting the sample location, date or time of collection is considered fraud and may be grounds for legal action.   
 Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature) <u>Kerime Adame</u>	Date	Time	Received by: (Signature) <u>Michelle Campy</u>	Date	Time	Lab Use Only Received on ice: <u>(Y) / N</u> T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4.0</u>
Relinquished by: (Signature) <u>Michelle Campy</u>	5-15-23	1715	Received by: (Signature) <u>Andrew Messo</u>	5-15-23	1730	
Relinquished by: (Signature) <u>Andrew Messo</u>	5-15-23	2330	Received by: (Signature) <u>Deane Zeffi</u>	05/16/23	7:20	

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.



Page 388 of 413

Project Information

Chain of Custody

Client: Pima Environmental Services  
 Project: Jasper 3L State COM 7A  
 Project Manager: Tom Bynum  
 Address: 5614 N. Lovington Hwy.  
 City, State, Zip Hobbs, NM, 88240  
 Phone: 580-748-1613  
 Email: tom@pimaoil.com  
 Report due by:

Bill To  
 Attention: Devon  
 Address:  
 City, State, Zip  
 Phone:  
 Email:  
 Pima Project # 1-24-1

Lab Use Only		TAT				EPA Program	
Lab WO#	Job Number	1D	2D	3D	Standard	CWA	SDWA
<u>E 305088</u>	<u>01058-0007</u>	<u>Y</u>					

Analysis and Method								State				
DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	NM	CO	UT	AZ	TX
						<u>X</u>		<u>X</u>				

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
<u>8:50</u>	<u>5/11/23</u>	<u>S</u>	<u>1</u>	<u>CS 11</u>	<u>11</u>							<u>X</u>		
<u>8:55</u>				<u>CS 12</u>	<u>12</u>									
<u>9:00</u>				<u>CS 13</u>	<u>13</u>									
<u>9:05</u>				<u>CS 14</u>	<u>14</u>									
<u>9:10</u>				<u>CS 15</u>	<u>15</u>									
<u>9:15</u>				<u>CS 16</u>	<u>16</u>									
<u>9:20</u>				<u>CS 17</u>	<u>17</u>									
<u>9:25</u>				<u>CS 18</u>	<u>18</u>									
<u>9:30</u>				<u>CS 19</u>	<u>19</u>									
<u>9:35</u>				<u>CS 20</u>	<u>20</u>									

Additional Instructions: B# 21137293

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: A.F.

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>Karime Abene</u>			<u>Michelle Gungah</u>	<u>5-15-23</u>	<u>1400</u>	Received on ice: <u>(Y) / N</u>
<u>Michelle Gungah</u>	<u>5-15-23</u>	<u>1715</u>	<u>Andrew Russo</u>	<u>5-15-23</u>	<u>1730</u>	T1 _____ T2 _____ T3 _____
<u>Andrew Russo</u>	<u>5-15-23</u>	<u>2330</u>	<u>Devon Ziggis</u>	<u>5/16/23</u>	<u>7:20</u>	AVG Temp °C <u>4.0</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.



Envirotech Analytical Laboratory

Printed: 5/16/2023 11:08:02AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client: Pima Environmental Services-Carlsbad Date Received: 05/16/23 07:20 Work Order ID: E305088
Phone: (575) 631-6977 Date Logged In: 05/15/23 16:31 Logged In By: Caitlin Mars
Email: tom@pimaoil.com Due Date: 05/16/23 17:00 (0 day TAT)

Chain of Custody (COC)

- 1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Carrier: Courier

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

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

Empty box for client instructions.

Comments/Resolution

Project Jasper 32 State Com 7H has been separated into 2 reports due to sample volume. Workorders are as follows: E305088 & E305089.

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

Date



envirotech Inc.

Report to:  
Tom Bynum



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

### Pima Environmental Services-Carlsbad

Project Name: Jasper 32 State Com 7H

Work Order: E305089

Job Number: 01058-0007

Received: 5/16/2023

Revision: 0

Report Reviewed By:

**Draft**

Walter Hinchman  
Laboratory Director  
5/16/23

5796 U.S. Hwy 64  
Farmington, NM 87401

Phone: (505) 632-1881  
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.  
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.  
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.  
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.  
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 5/16/23



Tom Bynum  
PO Box 247  
Plains, TX 79355-0247

Project Name: Jasper 32 State Com 7H  
Workorder: E305089  
Date Received: 5/16/2023 7:20:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/16/2023 7:20:00AM, under the Project Name: Jasper 32 State Com 7H.

The analytical test results summarized in this report with the Project Name: Jasper 32 State Com 7H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto:labadmin@envirotech-inc.com)

Field Offices:

**Southern New Mexico Area**  
**Lynn Jarboe**  
Technical Representative/Client Services  
Office: 505-421-LABS(5227)  
Cell: 505-320-4759  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

**West Texas Midland/Odessa Area**  
**Rayny Hagan**  
Technical Representative  
Office: 505-421-LABS(5227)

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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### Sample Summary

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 05/16/23 16:22
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS21	E305089-01A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.
CS22	E305089-02A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.
CS23	E305089-03A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.
CS24	E305089-04A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.
CS25	E305089-05A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.
CS26	E305089-06A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.
CSW1	E305089-07A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.
CSW2	E305089-08A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.
CSW3	E305089-09A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.
CSW4	E305089-10A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.
CSW5	E305089-11A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.
CSW6	E305089-12A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.
CSW7	E305089-13A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.
CSW8	E305089-14A	Soil	05/14/23	05/16/23	Glass Jar, 2 oz.

### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/16/2023 4:22:05PM
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**CS21  
E305089-01**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: Bromofluorobenzene</i>		108 %	70-130	05/16/23	05/16/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.6 %	70-130	05/16/23	05/16/23	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: Bromofluorobenzene</i>		108 %	70-130	05/16/23	05/16/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.6 %	70-130	05/16/23	05/16/23	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2320023
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>		92.4 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2320028
Chloride	ND	20.0	1	05/16/23	05/16/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/16/2023 4:22:05PM
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**CS22**

**E305089-02**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	05/16/23	05/16/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.8 %	70-130	05/16/23	05/16/23	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	05/16/23	05/16/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.8 %	70-130	05/16/23	05/16/23	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2320023
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>		89.3 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2320028
Chloride	ND	20.0	1	05/16/23	05/16/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/16/2023 4:22:05PM
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**CS23**

**E305089-03**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: Bromofluorobenzene</i>		105 %	70-130	05/16/23	05/16/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.0 %	70-130	05/16/23	05/16/23	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: Bromofluorobenzene</i>		105 %	70-130	05/16/23	05/16/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.0 %	70-130	05/16/23	05/16/23	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2320023
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>		99.4 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2320028
Chloride	ND	20.0	1	05/16/23	05/16/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/16/2023 4:22:05PM
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**CS24**

**E305089-04**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: Bromofluorobenzene</i>		99.1 %	70-130	05/16/23	05/16/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	05/16/23	05/16/23	
<i>Surrogate: Toluene-d8</i>		99.6 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: Bromofluorobenzene</i>		99.1 %	70-130	05/16/23	05/16/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	05/16/23	05/16/23	
<i>Surrogate: Toluene-d8</i>		99.6 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2320023
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>		94.3 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2320028
Chloride	ND	20.0	1	05/16/23	05/16/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/16/2023 4:22:05PM
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**CS25**

**E305089-05**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: Bromofluorobenzene</i>		98.7 %	70-130	05/16/23	05/16/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	05/16/23	05/16/23	
<i>Surrogate: Toluene-d8</i>		99.6 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: Bromofluorobenzene</i>		98.7 %	70-130	05/16/23	05/16/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	05/16/23	05/16/23	
<i>Surrogate: Toluene-d8</i>		99.6 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2320023
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>		105 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2320028
Chloride	ND	20.0	1	05/16/23	05/16/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/16/2023 4:22:05PM
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**CS26**

**E305089-06**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: Bromofluorobenzene</i>		100 %	70-130	05/16/23	05/16/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	05/16/23	05/16/23	
<i>Surrogate: Toluene-d8</i>		98.4 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: Bromofluorobenzene</i>		100 %	70-130	05/16/23	05/16/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	05/16/23	05/16/23	
<i>Surrogate: Toluene-d8</i>		98.4 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: KM		Batch: 2320023
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>		105 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: BA		Batch: 2320028
Chloride	ND	20.0	1	05/16/23	05/16/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/16/2023 4:22:05PM
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**CSW1**  
**E305089-07**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	05/16/23	05/16/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		105 %	70-130	05/16/23	05/16/23	
<i>Surrogate: Toluene-d8</i>		99.3 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	05/16/23	05/16/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		105 %	70-130	05/16/23	05/16/23	
<i>Surrogate: Toluene-d8</i>		99.3 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2320023
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>		102 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2320028
Chloride	ND	20.0	1	05/16/23	05/16/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/16/2023 4:22:05PM
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**CSW2**

**E305089-08**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: Bromofluorobenzene</i>		99.8 %	70-130	05/16/23	05/16/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		106 %	70-130	05/16/23	05/16/23	
<i>Surrogate: Toluene-d8</i>		98.4 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: Bromofluorobenzene</i>		99.8 %	70-130	05/16/23	05/16/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		106 %	70-130	05/16/23	05/16/23	
<i>Surrogate: Toluene-d8</i>		98.4 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2320023
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>		105 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2320028
Chloride	ND	20.0	1	05/16/23	05/16/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/16/2023 4:22:05PM
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**CSW3**

**E305089-09**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	05/16/23	05/16/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	05/16/23	05/16/23	
<i>Surrogate: Toluene-d8</i>		99.4 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	05/16/23	05/16/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	05/16/23	05/16/23	
<i>Surrogate: Toluene-d8</i>		99.4 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2320023
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>		106 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2320028
Chloride	ND	20.0	1	05/16/23	05/16/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/16/2023 4:22:05PM
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**CSW4**

**E305089-10**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	05/16/23	05/16/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	05/16/23	05/16/23	
<i>Surrogate: Toluene-d8</i>		99.2 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	05/16/23	05/16/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	05/16/23	05/16/23	
<i>Surrogate: Toluene-d8</i>		99.2 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2320023
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>		103 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2320028
Chloride	ND	20.0	1	05/16/23	05/16/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/16/2023 4:22:05PM
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**CSW5**

**E305089-11**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	05/16/23	05/16/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		93.9 %	70-130	05/16/23	05/16/23	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	05/16/23	05/16/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		93.9 %	70-130	05/16/23	05/16/23	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2320023
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>		108 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2320028
Chloride	ND	20.0	1	05/16/23	05/16/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/16/2023 4:22:05PM
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**CSW6**

**E305089-12**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	05/16/23	05/16/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	05/16/23	05/16/23	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	05/16/23	05/16/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	05/16/23	05/16/23	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2320023
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>		107 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2320028
Chloride	ND	20.0	1	05/16/23	05/16/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/16/2023 4:22:05PM
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**CSW7**

**E305089-13**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: Bromofluorobenzene</i>		107 %	70-130	05/16/23	05/16/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.1 %	70-130	05/16/23	05/16/23	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: Bromofluorobenzene</i>		107 %	70-130	05/16/23	05/16/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.1 %	70-130	05/16/23	05/16/23	
<i>Surrogate: Toluene-d8</i>		105 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2320023
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>		105 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2320028
Chloride	ND	20.0	1	05/16/23	05/16/23	



### Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Jasper 32 State Com 7H Project Number: 01058-0007 Project Manager: Tom Bynum	<b>Reported:</b> 5/16/2023 4:22:05PM
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**CSW8**

**E305089-14**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Benzene	ND	0.0250	1	05/16/23	05/16/23	
Ethylbenzene	ND	0.0250	1	05/16/23	05/16/23	
Toluene	ND	0.0250	1	05/16/23	05/16/23	
o-Xylene	ND	0.0250	1	05/16/23	05/16/23	
p,m-Xylene	ND	0.0500	1	05/16/23	05/16/23	
Total Xylenes	ND	0.0250	1	05/16/23	05/16/23	
<i>Surrogate: Bromofluorobenzene</i>		105 %	70-130	05/16/23	05/16/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.6 %	70-130	05/16/23	05/16/23	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
<i>Surrogate: Bromofluorobenzene</i>		105 %	70-130	05/16/23	05/16/23	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.6 %	70-130	05/16/23	05/16/23	
<i>Surrogate: Toluene-d8</i>		107 %	70-130	05/16/23	05/16/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2320023
Diesel Range Organics (C10-C28)	ND	25.0	1	05/16/23	05/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	05/16/23	05/16/23	
<i>Surrogate: n-Nonane</i>		105 %	50-200	05/16/23	05/16/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2320028
Chloride	ND	20.0	1	05/16/23	05/16/23	



### Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	Jasper 32 State Com 7H	
PO Box 247	Project Number:	01058-0007	<b>Reported:</b>
Plains TX, 79355-0247	Project Manager:	Tom Bynum	05/16/23 16:22

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with \*\* are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Client: Pima Environmental Services Project: <u>Jasper 32 State COM 7#</u> Project Manager: Tom Bynum Address: 5614 N. Lovington Hwy. City, State, Zip Hobbs, NM, 88240 Phone: 580-748-1613 Email: tom@pimaoil.com Report due by:	Bill To Attention: <u>Devon</u> Address: City, State, Zip Phone: Email: Pima Project # <u>1.24-1</u>	Lab Use Only Lab WO# <u>E 305084</u> Job Number <u>01058-0007</u>	TAT 1D <input checked="" type="checkbox"/> 2D <input type="checkbox"/> 3D <input type="checkbox"/> Standard <input type="checkbox"/>	EPA Program CWA <input type="checkbox"/> SDWA <input type="checkbox"/> RCRA <input type="checkbox"/> State NM <input checked="" type="checkbox"/> CO <input type="checkbox"/> UT <input type="checkbox"/> AZ <input type="checkbox"/> TX <input type="checkbox"/>
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Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
9:40	5/14/23	S	1	CS 21	1							X		
9:45				CS 22	2									
9:50				CS 23	3									
9:55				CS 24	4									
10:00				CS 25	5									
10:05				CS 26	6									
10:10				CSW 1	7									
10:15				CSW 2	8									
10:20				CSW 3	9									
10:25				CSW 4	10									

Additional Instructions: B# 21137293

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature) <u>Karime Adams</u>	Date	Time	Received by: (Signature) <u>Michelle Kuyala</u>	Date	Time	Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4.0</u>
Relinquished by: (Signature) <u>Michelle Kuyala</u>	Date	Time	Received by: (Signature) <u>Andrew M...</u>	Date	Time	
Relinquished by: (Signature) <u>Andrew M...</u>	Date	Time	Received by: (Signature) <u>Jenny Z...</u>	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.



Released to Imaging: 7/13/2023 3:06:44 PM

Received by OCD: 5/18/2023 3:30:31 PM

Page 410 of 413

Client: Pima Environmental Services  
 Project: Jasper 32 State Com 7H  
 Project Manager: Tom Bynum  
 Address: 5614 N. Lovington Hwy.  
 City, State, Zip Hobbs, NM, 88240  
 Phone: 580-748-1613  
 Email: tom@pimaoil.com  
 Report due by:

Bill To  
 Attention: Devon  
 Address:  
 City, State, Zip  
 Phone:  
 Email:  
 Pima Project # 1-24-1

Lab Use Only		TAT			EPA Program		
Lab WO# <u>E 305084</u>	Job Number <u>0158-0057</u>	1D	2D	3D	Standard	CWA	SDWA
		<input checked="" type="checkbox"/>					

Analysis and Method								State				
DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	NM	CO	UT	AZ	TX
								<input checked="" type="checkbox"/>				

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
10:30	5/14/23	S	1	CSW 5	11							<input checked="" type="checkbox"/>		
10:35				CSW 6	12									
10:40				CSW 7	13									
10:45				CSW 8	14									

Additional Instructions: B# 21137293

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature) <u>Kurino Adam</u>	Date	Time	Received by: (Signature) <u>Michelle Gungah</u>	Date	Time	Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4.0</u>
Relinquished by: (Signature) <u>Michelle Gungah</u>	5-15-23	1715	Received by: (Signature) <u>Andrew M/SO</u>	5-15-23	1730	
Relinquished by: (Signature) <u>Andrew M/SO</u>	5-15-23	2330	Received by: (Signature) <u>Shawn Z...</u>	5/16/23	7:20	

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other \_\_\_\_\_ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 5/16/2023 11:08:48AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client: Pima Environmental Services-Carlsbad Date Received: 05/16/23 07:20 Work Order ID: E305089
Phone: (575) 631-6977 Date Logged In: 05/15/23 16:33 Logged In By: Caitlin Mars
Email: tom@pimaoil.com Due Date: 05/16/23 17:00 (0 day TAT)

Chain of Custody (COC)

- 1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Carrier: Courier

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

Comments/Resolution

Project Jasper 32 State Com 7H has been separated into 2 reports due to sample volume. Workorders are as follows: E305088 & E305089.

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

Empty box for client instruction.

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

Date



envirotech Inc.

**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 218296

**CONDITIONS**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 218296
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
jharimon	Report includes lab data from another release.	7/13/2023