



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

May 17th, 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 4th, 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 17th, 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 15th, 23rd, 2020, and September 22nd, 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
	4'	ND	ND	ND	ND	ND	0	ND
S-6	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
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S-7	0-6	ND	ND	ND	12	ND	12	1000
	1'	ND	ND	ND	ND	ND	0	931
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S-8	0-6	ND	ND	ND	ND	ND	0	23000
	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-9	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
	4'	ND	ND	ND	ND	ND	0	ND
S-10	0-6	ND	ND	ND	ND	ND	0	510
S-11	0-6	ND	ND	ND	ND	ND	0	ND
S-12	0-6	ND	ND	ND	ND	ND	0	ND
S-13	0-6	ND	ND	ND	ND	ND	0	450
S-14	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
	3	ND	ND	ND	ND	ND	0	410
SW 1	6"	ND	ND	ND	ND	ND	0	ND
SW 2	6"	ND	ND	ND	ND	ND	0	48
SW 3	6"	ND	ND	ND	ND	ND	0	48
SW 4	6"	ND	ND	ND	ND	ND	0	48
BG 1	Surface	ND	ND	ND	ND	ND	0	16
	1	ND	ND	ND	ND	ND	0	ND
BG 2	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 5th, 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 12th, 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 14th, 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	ND	ND	ND	ND	ND	ND
CSW 8	0-3'	ND	ND	ND	ND	ND	ND	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
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

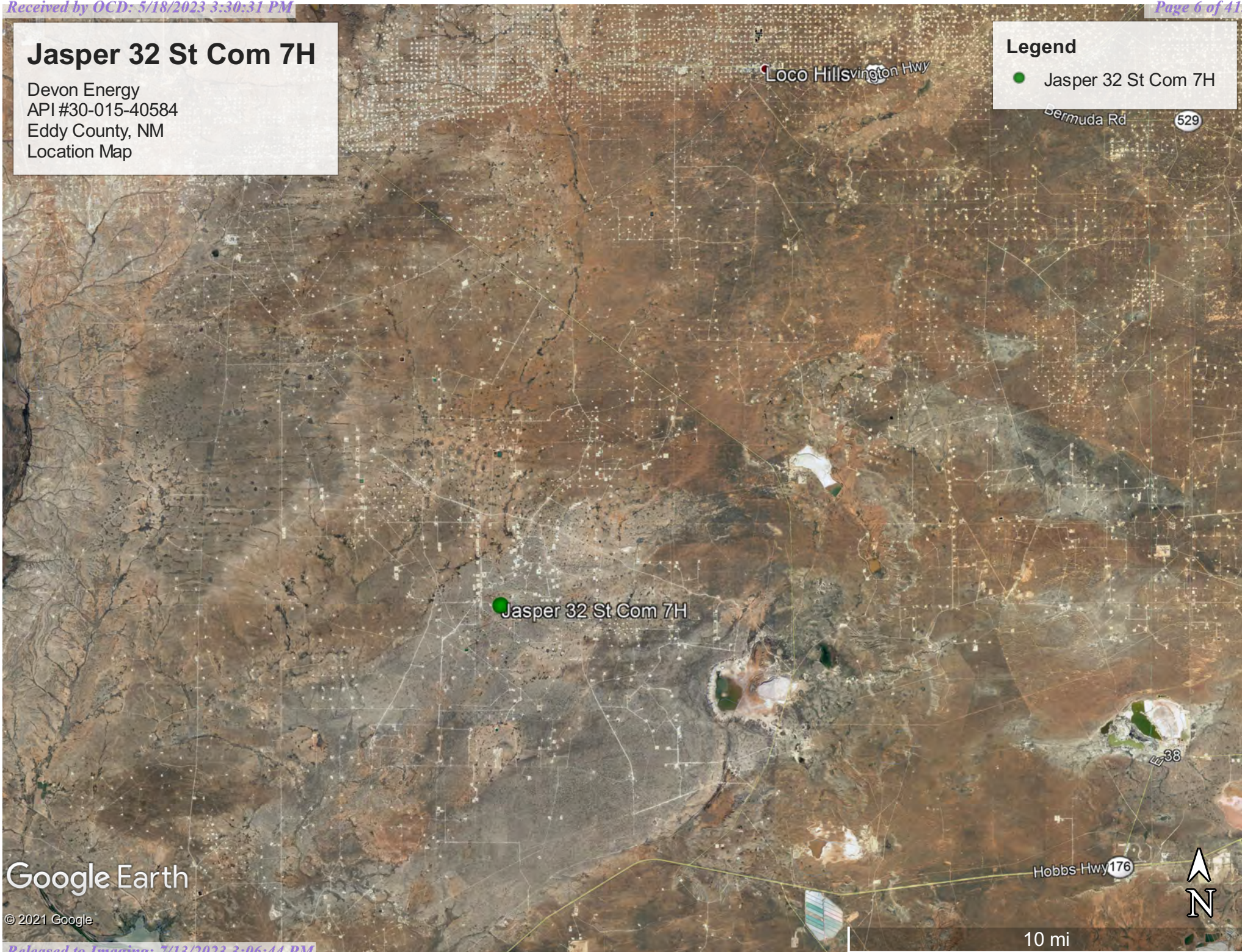
Devon Energy
API #30-015-40584
Eddy County, NM
Location Map

Legend

● Jasper 32 St Com 7H

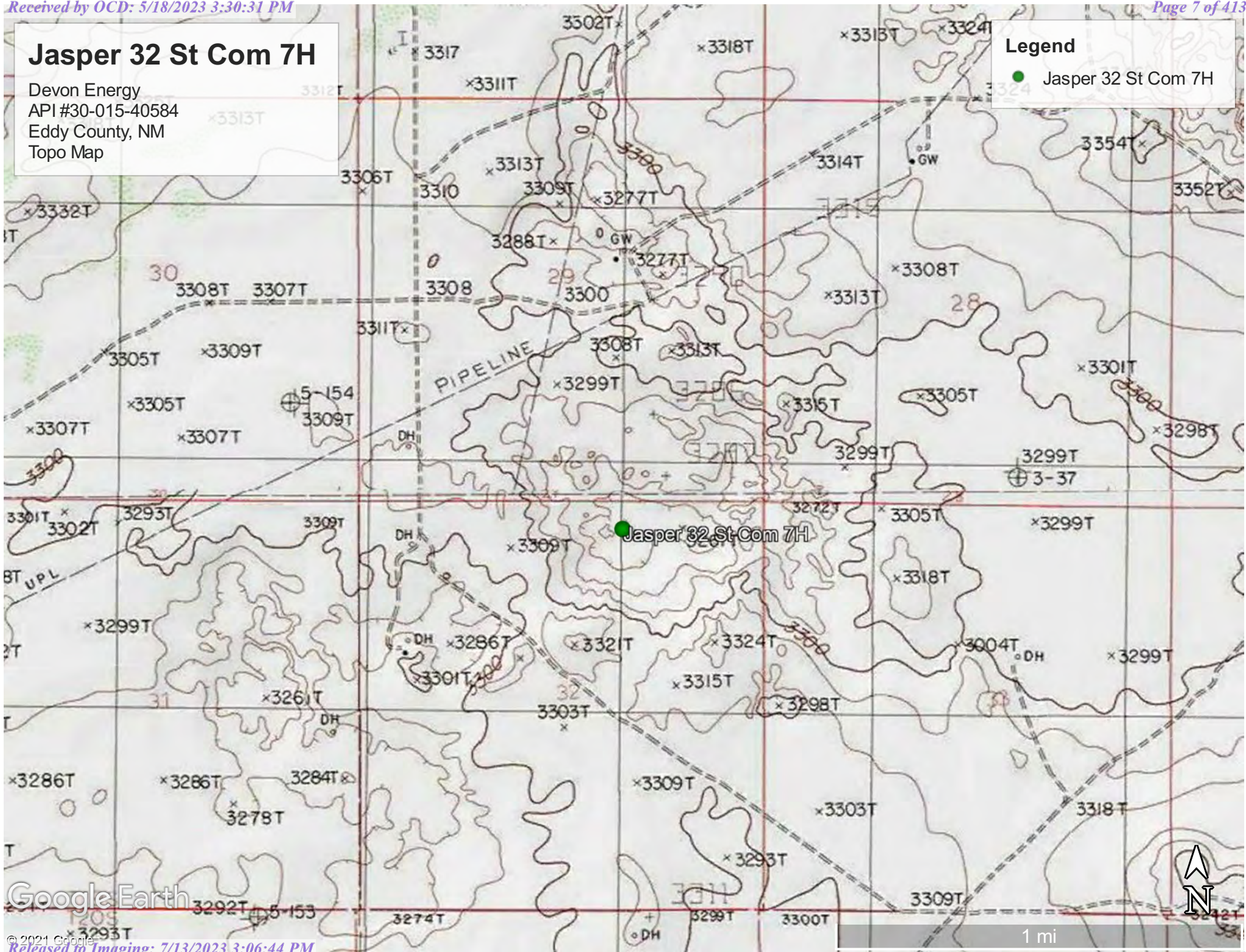
Google Earth

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Devon Energy
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Eddy County, NM
Topo Map

- 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

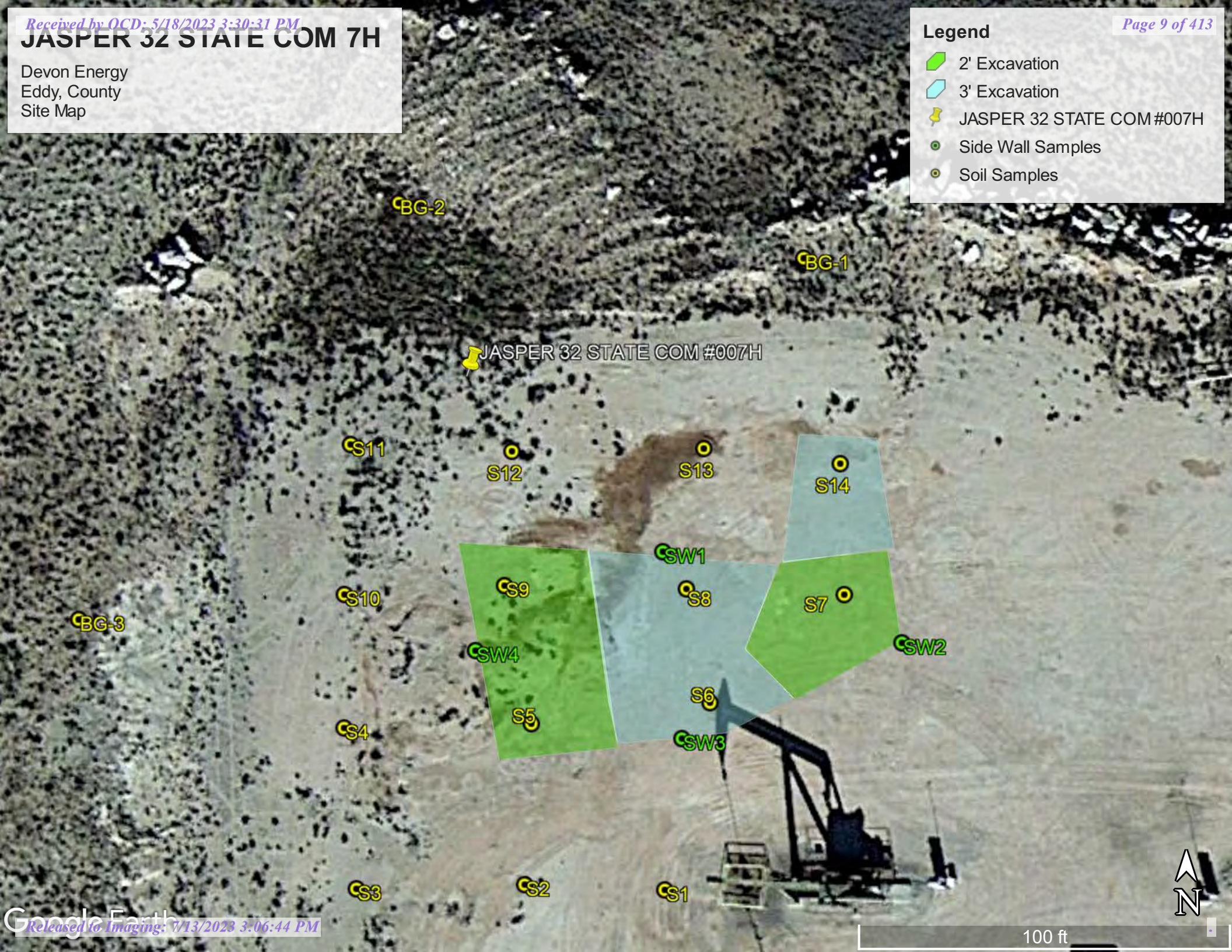


JASPER 32 STATE COM 7H

Devon Energy
Eddy, County
Site Map

Legend

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

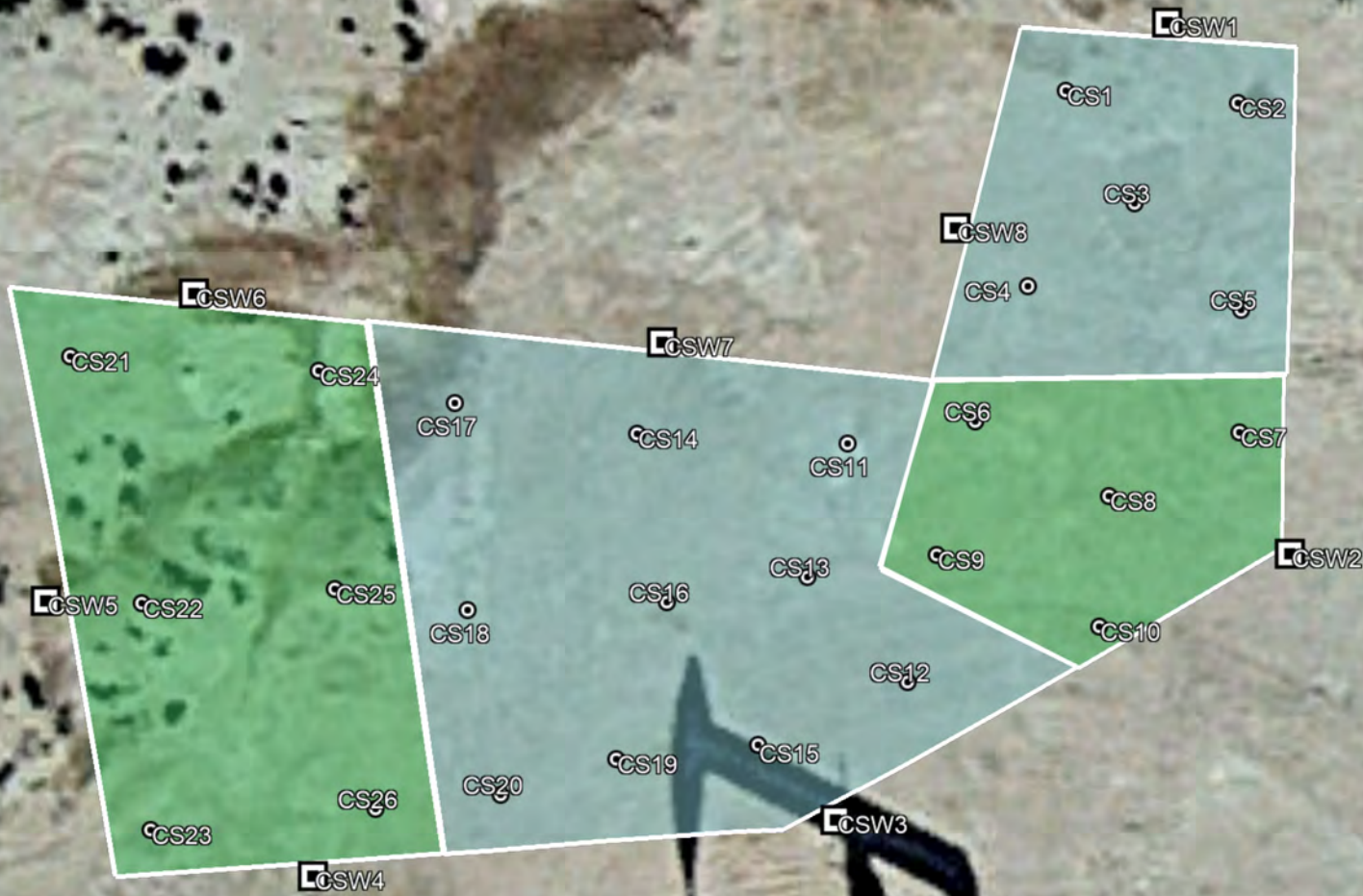


Jasper 32 State Com 7H

Devon Energy
Eddy, County
Confirmation Map

Legend

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





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Appendix A

Water Surveys:

OSE

USGS

Surface Water Map



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

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

UTM NAD83 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.

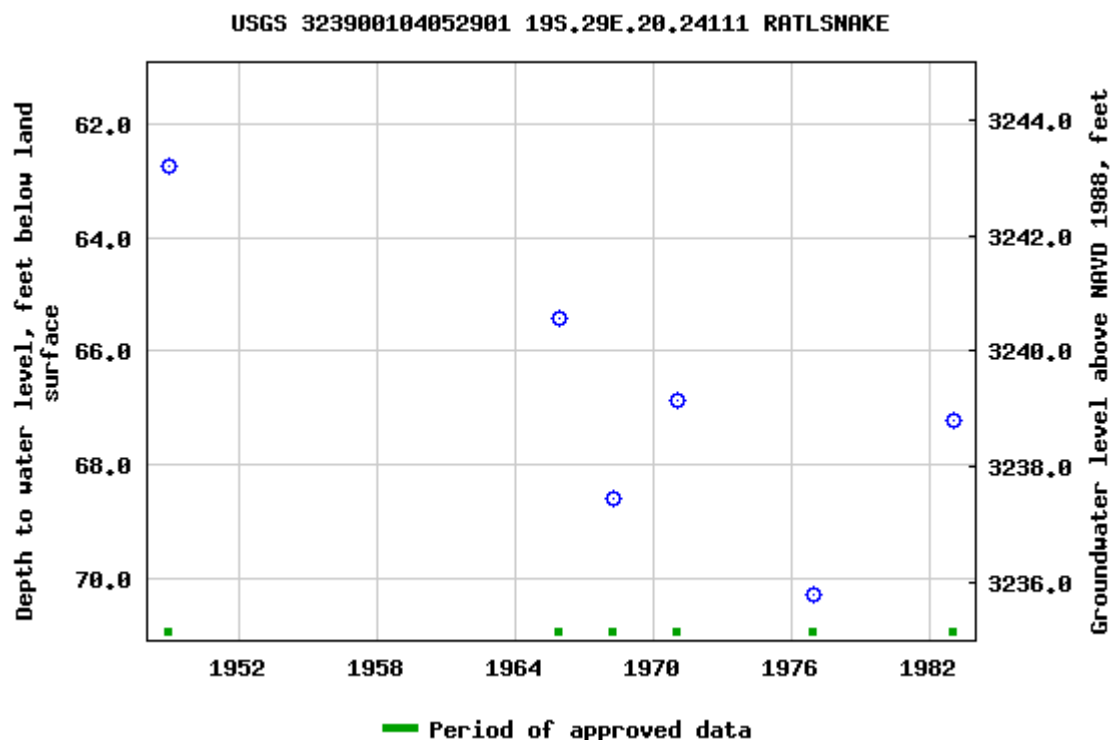
Output formats

[Table of data](#)

[Tab-separated data](#)

[Graph of data](#)

[Reselect period](#)



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

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

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

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



0.67 0.59 nadww02

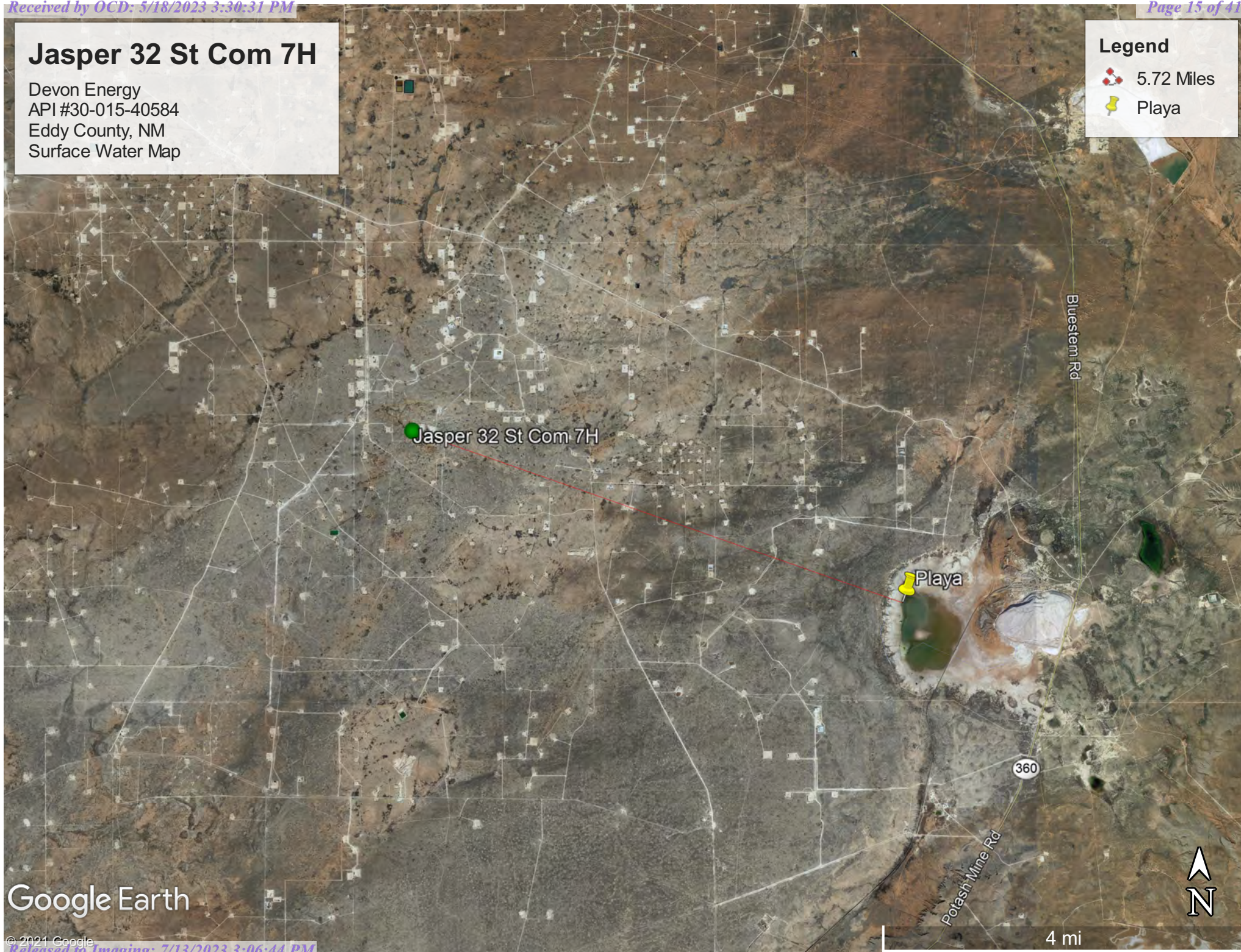


Jasper 32 St Com 7H

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

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

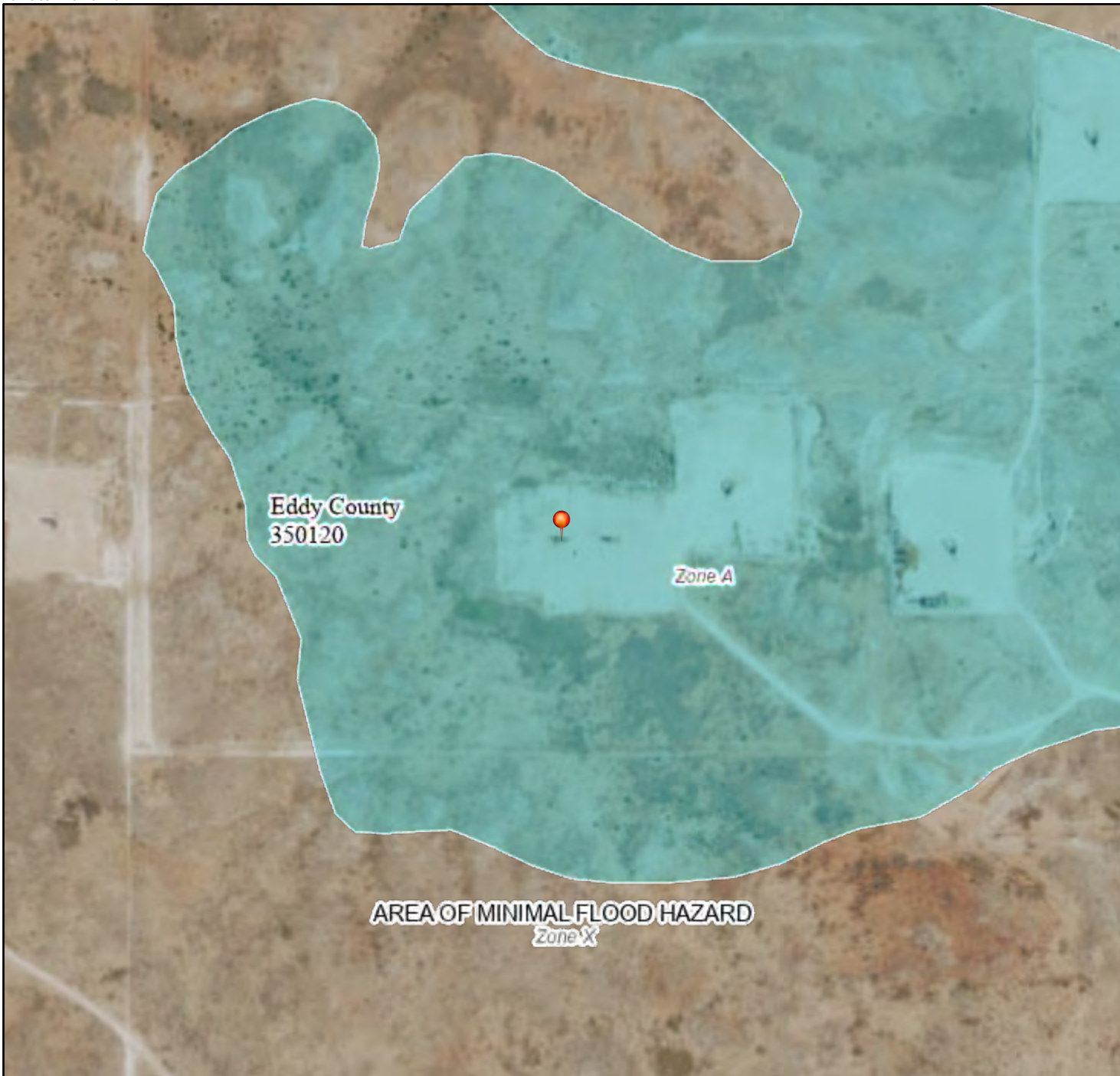
Survey Area Data: Version 16, Jun 8, 2020



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
		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
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped

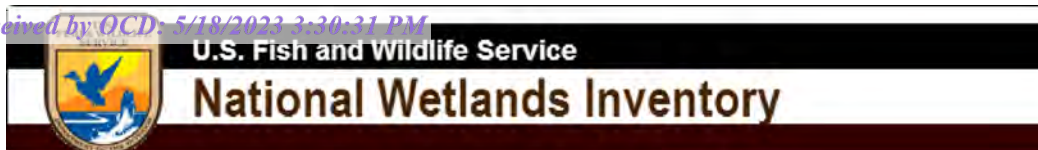


The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

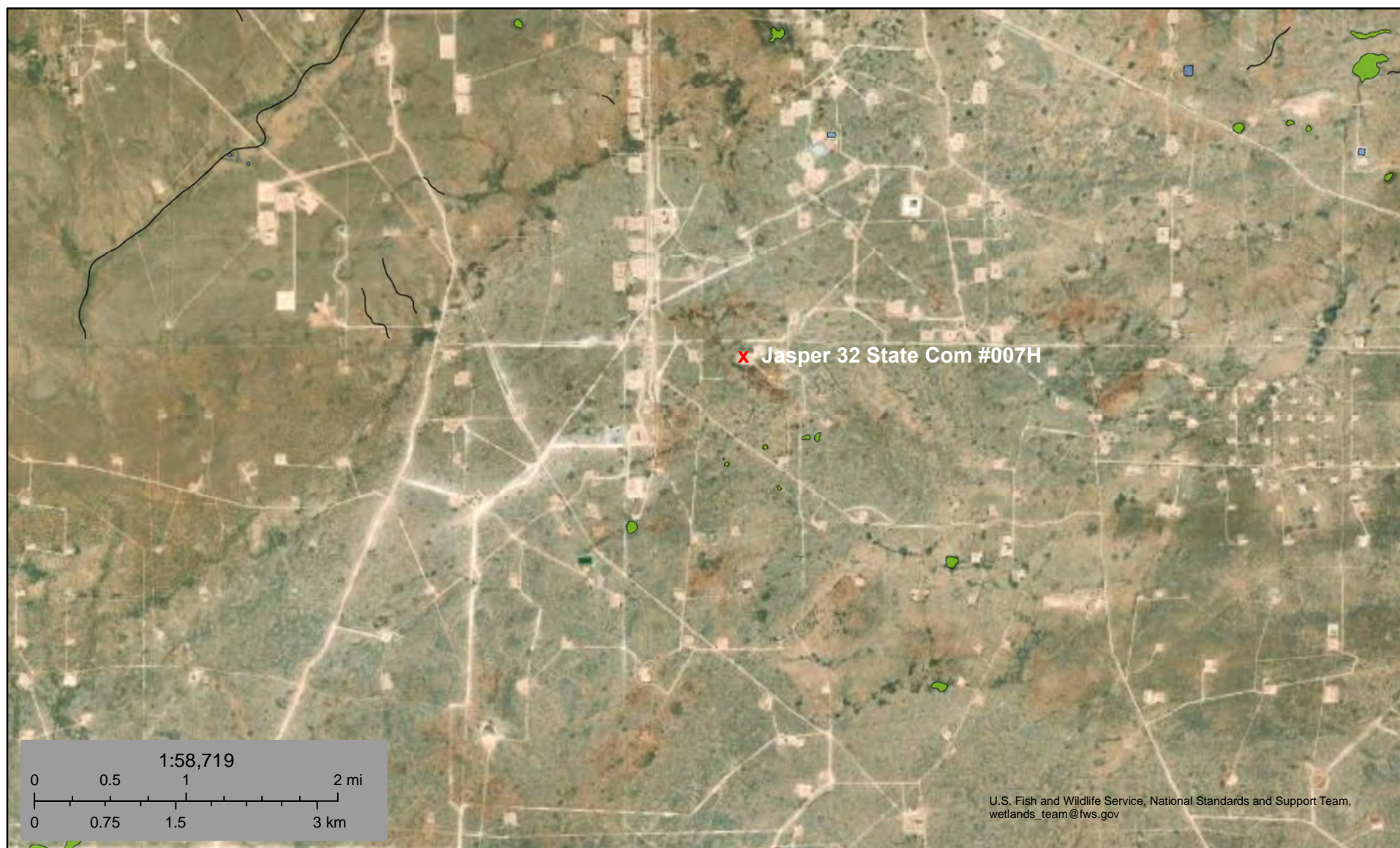
This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 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
- Estuarine and Marine Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

- Lake
- Other
- 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: _____
<u>OCD Only</u>	
Received by: <u>Ana B. Baramante</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 not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

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

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

State of New Mexico
Oil Conservation Division

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
To: ocdonline@state.nm.us
Cc: 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
619-721-4813 cell





Pima Environmental Services

Appendix D

Photographic Documentation



**SITE PHOTOGRAPHS
PIMA ENVIRONMENTAL**

Devon Energy

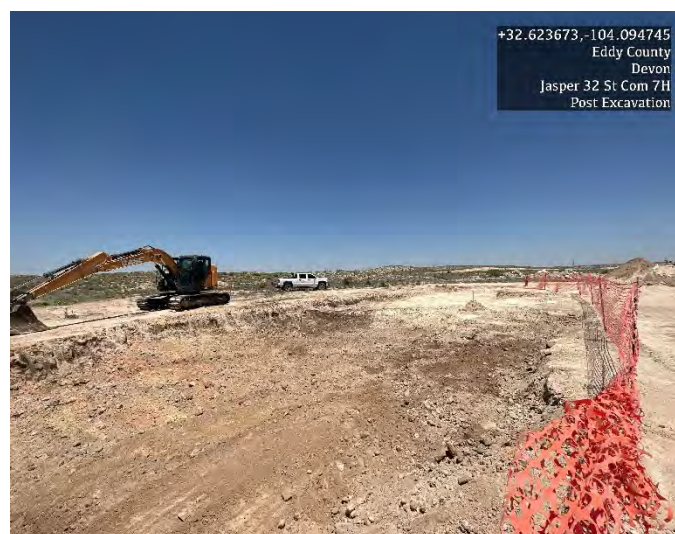
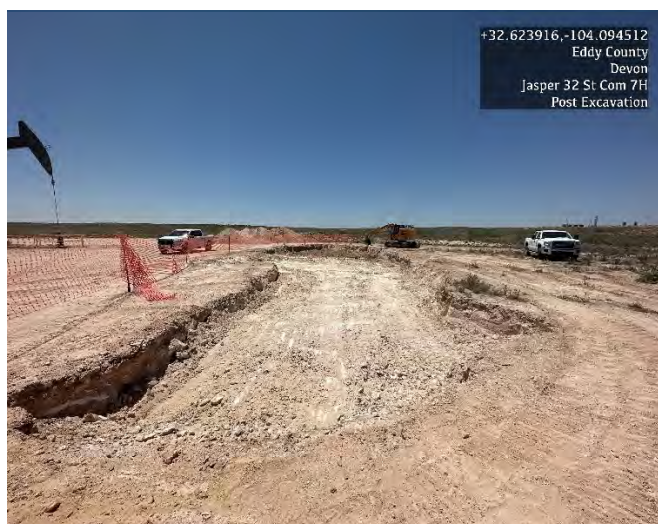
Jasper 32 State Com 7H

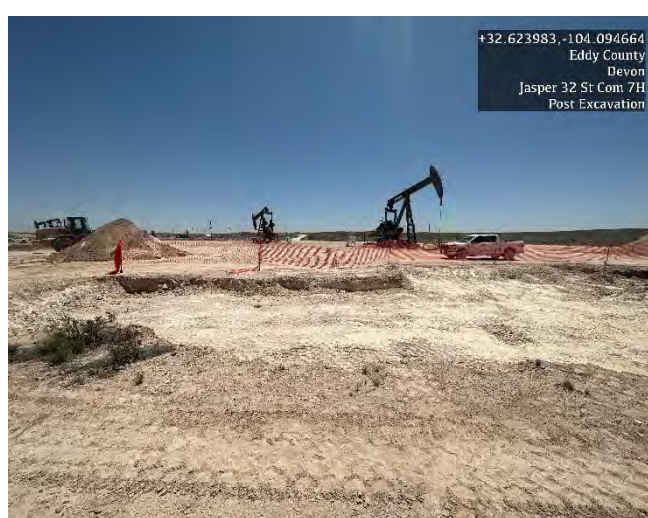
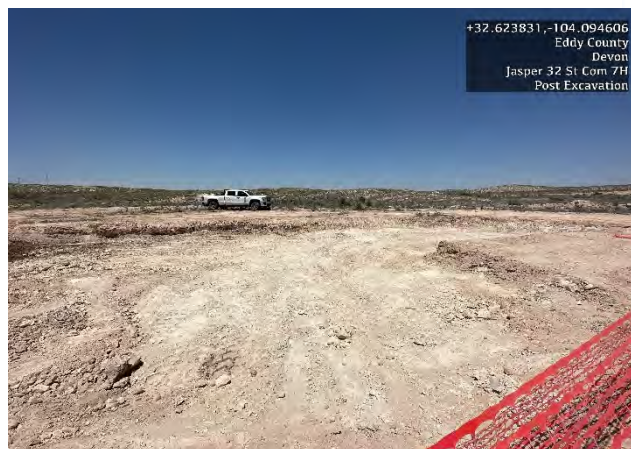
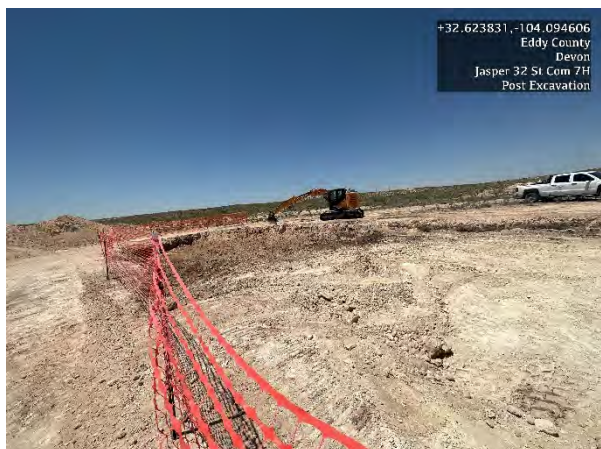
Assessment:





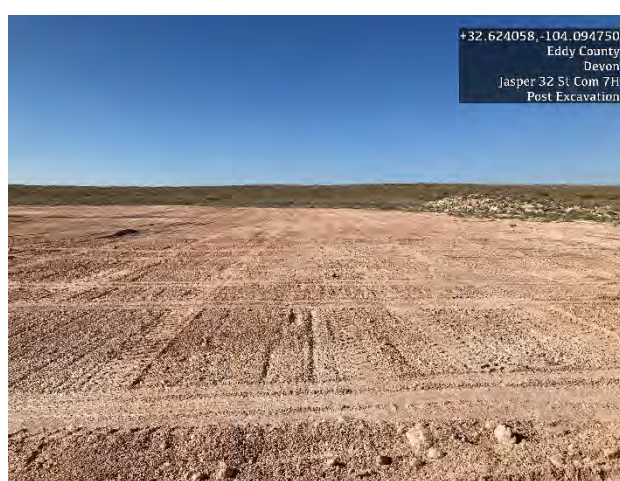
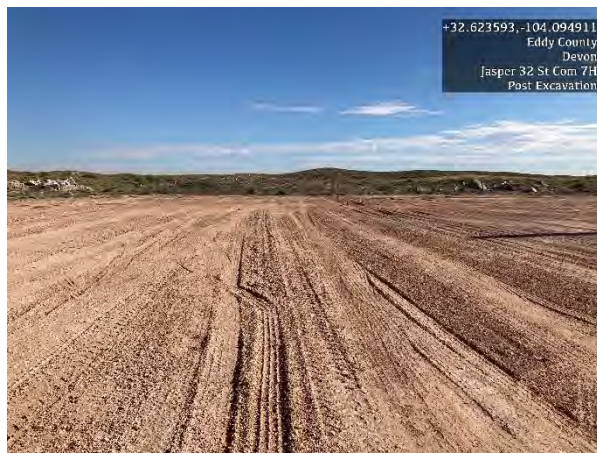
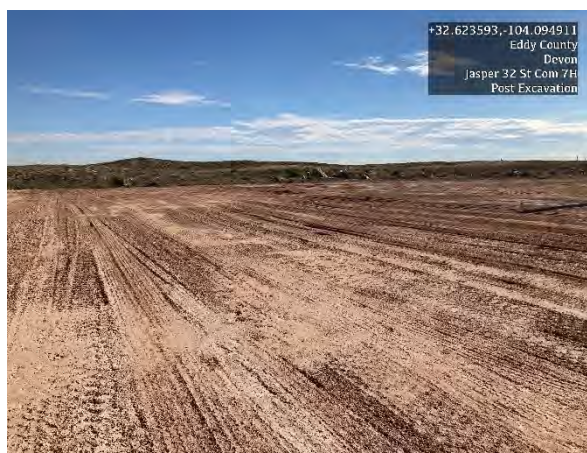
Excavation:







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.

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, flowing 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
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

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

BTX 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 BTX	<0.300	0.300	07/27/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 132 % 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	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
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

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	
Chloride	192	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	
DRO >C10-C28*	12000	50.0	07/27/2020	ND	204	102	200	6.23	
EXT DRO >C28-C36	2810	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
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

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

BTX 8021B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<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	
Chloride	32.0	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*	342	10.0	07/27/2020	ND	204	102	200	6.23	
EXT DRO >C28-C36	114	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
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

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

BTX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 BTX	<0.300	0.300	07/24/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	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*	117	10.0	07/27/2020	ND	204	102	200	6.23	
EXT DRO >C28-C36	25.7	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
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

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

BTX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 BTX	<0.300	0.300	07/24/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	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
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

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	
Total Xylenes*	0.360	0.150	07/24/2020	ND	5.85	97.5	6.00	0.0172	
Total BTEX	0.360	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
Chloride	80.0	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*	66.2	10.0	07/27/2020	ND	203	102	200	0.965	
DRO >C10-C28*	6360	10.0	07/27/2020	ND	204	102	200	6.23	
EXT DRO >C28-C36	1400	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
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

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

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 BTX	<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
Chloride	32.0	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*	10.9	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
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

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	
Chloride	4320	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	
DRO >C10-C28*	3350	10.0	07/27/2020	ND	204	102	200	6.23	
EXT DRO >C28-C36	763	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
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

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, SM4500CI-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
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

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	
Chloride	12000	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	
DRO >C10-C28*	8540	50.0	07/27/2020	ND	204	102	200	6.23	
EXT DRO >C28-C36	1970	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
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

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, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	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*	126	10.0	07/27/2020	ND	204	102	200	6.23	
EXT DRO >C28-C36	55.1	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
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

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
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

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, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	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*	94.6	10.0	07/27/2020	ND	204	102	200	6.23	
EXT DRO >C28-C36	17.5	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
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

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	
Chloride	1540	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	
DRO >C10-C28*	2260	10.0	07/27/2020	ND	204	102	200	6.23	
EXT DRO >C28-C36	526	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
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

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
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

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	
Chloride	112	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	
DRO >C10-C28*	15500	50.0	07/27/2020	ND	204	102	200	6.23	
EXT DRO >C28-C36	3280	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
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

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	
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	07/27/2020	ND	203	102	200	0.965	
DRO >C10-C28*	113	10.0	07/27/2020	ND	204	102	200	6.23	
EXT DRO >C28-C36	59.3	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
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

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, SM4500CI-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
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

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, SM4500CI-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 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
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

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, SM4500CI-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 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
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

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, 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 80.5 % 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
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

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, 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 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
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

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, 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 80.8 % 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
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

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, 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 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
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

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

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<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
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

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

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<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	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
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

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

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<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
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

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
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

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, 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*	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
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

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, SM4500CI-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

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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
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

Sample ID: BG-3 (H001938-31)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<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	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
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

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
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

Sample ID: BG-5 (H001938-33)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 BTX	<0.300	0.300	07/27/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 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	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
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

Sample ID: BG-6 (H001938-34)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 BTX	<0.300	0.300	07/27/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 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	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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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

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: Pma Environmental		BILL TO		ANALYSIS REQUEST	
Project Manager: Chris Jones	P.O. #:				
Address: 1601 N. Turner Ste 500	Company:				
City: Hobbs	Attn:				
Phone #: 575-631-6977	Address:				
Fax #:	City:				
Project #: 208108750	State: NM	Zip: 58340			
Project Owner: Derron	Phone #:	Zip:			
Project Location: 32.623526, -104.091290	Fax #:				
Sampler Name: Mark Alvarado					

FOR LAB USE ONLY		MATRIX	PRESERV	SAMPLING																
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME						
H00193R-																				
01	5-1, O ¹¹ -L ¹¹	X											7/29/02	9:02	X	X	X			
02	5-2, O ¹¹ -L ¹¹													9:02						
03	5-2, O ¹¹ -L ¹¹													9:04						
04	5-2, O ¹¹ -L ¹¹													9:06						
05	5-2, O ¹¹ -L ¹¹													9:08						
06	5-3, O ¹¹ -L ¹¹													9:10						
07	5-4, O ¹¹ -L ¹¹													9:12						
08	5-5, O ¹¹ -L ¹¹													9:14						
09	5-5, O ¹¹ -L ¹¹													9:16						
10	5-6, O ¹¹ -L ¹¹													9:18						

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Relinquished By:	Date: 7/24/02	Received By: Yvonne Muniz	Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #:
Relinquished By:	Date: 7/24/02	Received By: Yvonne Muniz	All Results are emailed. Please provide Email address:	
Delivered By: (Circle One)	Observed Temp. °C	Sample Condition	CHECKED BY: (Initials)	Turnaround Time:
Sampler - UPS - Bus - Other:	Corrected Temp. °C 5.5	Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	ym	Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>
		Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>		Bill to Devon
		Thermometer ID #113 Correction Factor None		



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

[illegible]



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible][illegible]

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Relinquished By:		Date: <u>7/24/20</u>		Received By:		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:	
		Time: <u>1453</u>				All Results are emailed. Please provide Email address:			
Relinquished By:		Date:		Received By:		REMARKS:			
		Time:				Bill to Dean			
Delivered By: (Circle One)		Observed Temp. °C		Sample Condition		CHECKED BY: (Initials)		Turnaround Time:	
Sampler - UPS - Bus - Other:		Corrected Temp. °C		Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Bacteria (only) Sample Condition		Thermometer ID #113	
		55		<input type="checkbox"/> No <input type="checkbox"/> No		Observed Temp. °C		Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	
						Corrected Temp. °C		Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	
								<input type="checkbox"/> No <input type="checkbox"/> No	

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>Prima Environmental</u>		P.O. #:		BILL TO										ANALYSIS REQUEST																					
Project Manager: <u>Chris Jones</u>		Company:																																	
Address: <u>1601 N Turner Ste 500</u>		Attn:																																	
City: <u>Hobbs</u>		Address:																																	
State: <u>NM</u> Zip: <u>58240</u>		City:																																	
Phone #: <u>575-631-6977</u> Fax #:		State:																																	
Project #: <u>20868750</u> Project Owner: <u>Devon</u>		Zip:																																	
Project Name: <u>Jasper 32 ST con 41t</u>		Phone #:																																	
Project Location: <u>32623526, -101.091292</u>		Fax #:																																	
Sampler Name: <u>Mark Newcomb</u>																																			
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 :		DATE		TIME		BTX		TPH		chloride	
31		B6-3										X														9:27		9:52		X		X		X	
32		B6-4																								9:54									
33		B6-5																								9:56									
34		B6-6																								9:58									
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Relinquished By:		Date: <u>2/24/20</u>		Received By: <u>Uyona Muniz</u>		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:		All Results are emailed. Please provide Email address:																									
Relinquished By:		Time: <u>1452</u>		Received By:																															
Date:		Time:		Date:		Time:																													
Delivered By: (Circle One)		Observed Temp. °C		Sample Condition		CHECKED BY: (Initials)																													
Sampler - UPS - Bus - Other:		Corrected Temp. °C		Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																													
Turnaround Time: <u>5:5</u>																																			
Thermometer ID #113																																			
Correction Factor None																																			
Bacteria (only) Sample Condition																																			
Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No																																			
Observed Temp. °C																																			
Corrected Temp. °C																																			

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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

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

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

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

Sincerely,

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

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order 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
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: BRM
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
EPA METHOD 8015D: GASOLINE RANGE						Analyst: NSB
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
EPA METHOD 8021B: VOLATILES						Analyst: NSB
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
EPA METHOD 300.0: ANIONS						Analyst: MRA
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.

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

Analytical Report

Lab Order 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
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: BRM
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
EPA METHOD 8015D: GASOLINE RANGE						Analyst: NSB
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
EPA METHOD 8021B: VOLATILES						Analyst: NSB
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
EPA METHOD 300.0: ANIONS						Analyst: MRA
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.

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

Analytical Report

Lab Order 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
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: BRM
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
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	ND	60		mg/Kg	20	7/21/2020 8:26:59 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
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
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
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.

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

Analytical Report

Lab Order 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
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: BRM
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
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	580	60		mg/Kg	20	7/21/2020 8:39:23 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
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
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
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.

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

Analytical Report

Lab Order 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
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: BRM
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
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	160	60		mg/Kg	20	7/21/2020 8:51:48 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
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
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
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.

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

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Analytical Report

Lab Order 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
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: BRM
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
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	81	60		mg/Kg	20	7/21/2020 9:04:12 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
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
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
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.

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

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Analytical Report

Lab Order 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
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: BRM
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
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	ND	60		mg/Kg	20	7/21/2020 9:16:37 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
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
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
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.

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

Analytical Report

Lab Order 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
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: BRM
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
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	6100	300		mg/Kg	100	7/22/2020 7:08:18 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
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
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
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.

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

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Analytical Report

Lab Order 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
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: BRM
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
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	11000	600		mg/Kg	200	7/22/2020 7:20:43 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
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
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
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.

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

Analytical Report

Lab Order 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
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: BRM
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
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	4100	150		mg/Kg	50	7/22/2020 7:33:07 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
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
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
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.

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

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Analytical Report

Lab Order 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
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: BRM
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
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	1000	60		mg/Kg	20	7/21/2020 10:31:03 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
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
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
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.

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

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Analytical Report

Lab Order 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
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: BRM
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
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	23000	1500		mg/Kg	500	7/22/2020 8:10:21 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
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
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
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.

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

Analytical Report

Lab Order 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
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: BRM
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
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	6700	300		mg/Kg	100	7/22/2020 8:22:45 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
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
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
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.

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

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Analytical Report

Lab Order 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
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: BRM
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
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	4300	150		mg/Kg	50	7/22/2020 8:35:10 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
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
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
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.

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

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Analytical Report

Lab Order 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
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: BRM
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
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	2300	61		mg/Kg	20	7/21/2020 11:45:29 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
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
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
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.

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

Analytical Report

Lab Order 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
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: BRM
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
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	1900	60		mg/Kg	20	7/22/2020 12:47:32 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
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
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
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.

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

Analytical Report

Lab Order 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
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: BRM
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
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	510	59		mg/Kg	20	7/22/2020 12:59:56 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
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
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
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.

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

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Analytical Report

Lab Order 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
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: BRM
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
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	ND	60		mg/Kg	20	7/22/2020 1:12:21 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
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
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
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.

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

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Analytical Report

Lab Order 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
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: BRM
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
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	ND	60		mg/Kg	20	7/22/2020 1:24:45 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
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
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
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.

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

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Analytical Report

Lab Order 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
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: BRM
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
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	450	60		mg/Kg	20	7/22/2020 1:37:10 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
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
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
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.

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

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Analytical Report

Lab Order 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
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: BRM
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
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	2400	60		mg/Kg	20	7/22/2020 1:49:34 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
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
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
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.

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

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Analytical Report

Lab Order 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
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: BRM
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
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	1300	60		mg/Kg	20	7/22/2020 2:01:58 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
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
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
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.

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

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Analytical Report

Lab Order 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
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: BRM
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
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	870	60		mg/Kg	20	7/22/2020 2:14:23 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
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
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
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.

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

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Analytical Report

Lab Order 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
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: BRM
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
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	410	60		mg/Kg	20	7/22/2020 2:51:37 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
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
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
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.

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

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

WO#: 2007898

24-Jul-20

Client: Pima Environmental Services LLC**Project:** Jasper 32 St Com 7H

Sample ID: MB-53879	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 53879	RunNo: 70511								
Prep Date: 7/21/2020	Analysis Date: 7/21/2020	SeqNo: 2452665			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-53879	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 53879	RunNo: 70511								
Prep Date: 7/21/2020	Analysis Date: 7/21/2020	SeqNo: 2452666			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.2	90	110			

Sample ID: MB-53881	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 53881	RunNo: 70511								
Prep Date: 7/21/2020	Analysis Date: 7/21/2020	SeqNo: 2452695			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-53881	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 53881	RunNo: 70511								
Prep Date: 7/21/2020	Analysis Date: 7/21/2020	SeqNo: 2452696			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	95.2	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: LCS-53863	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 53863	RunNo: 70513								
Prep Date: 7/21/2020	Analysis Date: 7/22/2020	SeqNo: 2453272 Units: %Rec								
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: MB-53863	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 53863	RunNo: 70513								
Prep Date: 7/21/2020	Analysis Date: 7/22/2020	SeqNo: 2453273 Units: %Rec								
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: 2007898-001AMS	SampType: MS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: BG1	Batch ID: 53858	RunNo: 70513								
Prep Date: 7/21/2020	Analysis Date: 7/22/2020	SeqNo: 2453558 Units: mg/Kg								
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: 2007898-001AMSD	SampType: MSD	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: BG1	Batch ID: 53858	RunNo: 70513								
Prep Date: 7/21/2020	Analysis Date: 7/22/2020	SeqNo: 2453559 Units: mg/Kg								
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: LCS-53858	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 53858	RunNo: 70513								
Prep Date: 7/21/2020	Analysis Date: 7/22/2020	SeqNo: 2453638 Units: mg/Kg								
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: LCS-53860	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 53860	RunNo: 70513								
Prep Date: 7/21/2020	Analysis Date: 7/22/2020	SeqNo: 2453639 Units: mg/Kg								
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

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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: MB-53858	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 53858	RunNo: 70513								
Prep Date: 7/21/2020	Analysis Date: 7/22/2020	SeqNo: 2453644	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	12		10.00		124	55.1	146			

Sample ID: MB-53860	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 53860	RunNo: 70513								
Prep Date: 7/21/2020	Analysis Date: 7/22/2020	SeqNo: 2453648	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	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: mb-53806	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 53806	RunNo: 70475								
Prep Date: 7/19/2020	Analysis Date: 7/20/2020	SeqNo: 2451151 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	890		1000		89.4	66.6	105			

Sample ID: lcs-53806	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 53806	RunNo: 70475								
Prep Date: 7/19/2020	Analysis Date: 7/20/2020	SeqNo: 2451152 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	19	5.0	25.00	0	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

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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: mb-53806	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 53806	RunNo: 70475								
Prep Date: 7/19/2020	Analysis Date: 7/20/2020	SeqNo: 2451184 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.1		1.000		107	80	120			

Sample ID: LCS-53806	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 53806	RunNo: 70475								
Prep Date: 7/19/2020	Analysis Date: 7/20/2020	SeqNo: 2451185 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.94	0.025	1.000	0	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.
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: mb-53807	SampType: MBLK	TestCode: EPA Method 8260B: Volatiles Short List								
Client ID: PBS	Batch ID: 53807	RunNo: 70481								
Prep Date: 7/19/2020	Analysis Date: 7/20/2020	SeqNo: 2451512	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 1,2-Dichloroethane-d4	0.53		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: lcs-53807	SampType: LCS4	TestCode: EPA Method 8260B: Volatiles Short List								
Client ID: BatchQC	Batch ID: 53807	RunNo: 70481								
Prep Date: 7/19/2020	Analysis Date: 7/20/2020	SeqNo: 2451513	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.025	1.000	0	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: mb-53809	SampType: MBLK	TestCode: EPA Method 8260B: Volatiles Short List								
Client ID: PBS	Batch ID: 53809	RunNo: 70485								
Prep Date: 7/19/2020	Analysis Date: 7/21/2020	SeqNo: 2451649	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 1,2-Dichloroethane-d4	0.50		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: Ics-53809	SampType: LCS4	TestCode: EPA Method 8260B: Volatiles Short List								
Client ID: BatchQC	Batch ID: 53809	RunNo: 70485								
Prep Date: 7/19/2020	Analysis Date: 7/20/2020	SeqNo: 2451650	Units: mg/Kg							
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: 2007898-023ams	SampType: MS4	TestCode: EPA Method 8260B: Volatiles Short List								
Client ID: S14-2	Batch ID: 53809	RunNo: 70485								
Prep Date: 7/19/2020	Analysis Date: 7/21/2020	SeqNo: 2451652	Units: mg/Kg							
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: 2007898-023amsd	SampType: MSD4	TestCode: EPA Method 8260B: Volatiles Short List								
Client ID: S14-2	Batch ID: 53809	RunNo: 70485								
Prep Date: 7/19/2020	Analysis Date: 7/21/2020	SeqNo: 2451653	Units: mg/Kg							
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: 2007898-003ams	SampType: MS4	TestCode: EPA Method 8260B: Volatiles Short List								
Client ID: BG3	Batch ID: 53807	RunNo: 70527								
Prep Date: 7/19/2020	Analysis Date: 7/22/2020	SeqNo: 2453874	Units: mg/Kg							
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: 2007898-003amsd	SampType: MSD4	TestCode: EPA Method 8260B: Volatiles Short List								
Client ID: BG3	Batch ID: 53807	RunNo: 70527								
Prep Date: 7/19/2020	Analysis Date: 7/22/2020	SeqNo: 2453875	Units: mg/Kg							
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: mb-53807	SampType: MBLK		TestCode: EPA Method 8015D Mod: Gasoline Range							
Client ID: PBS	Batch ID: 53807		RunNo: 70481							
Prep Date: 7/19/2020	Analysis Date: 7/20/2020		SeqNo: 2451539		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	490		500.0		98.3	70	130			

Sample ID: lcs-53807	SampType: LCS		TestCode: EPA Method 8015D Mod: Gasoline Range							
Client ID: LCSS	Batch ID: 53807		RunNo: 70481							
Prep Date: 7/19/2020	Analysis Date: 7/20/2020		SeqNo: 2451540		Units: mg/Kg					
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: mb-53809	SampType: MBLK		TestCode: EPA Method 8015D Mod: Gasoline Range							
Client ID: PBS	Batch ID: 53809		RunNo: 70485							
Prep Date: 7/19/2020	Analysis Date: 7/21/2020		SeqNo: 2451618		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	530		500.0		106	70	130			

Sample ID: lcs-53809	SampType: LCS		TestCode: EPA Method 8015D Mod: Gasoline Range							
Client ID: LCSS	Batch ID: 53809		RunNo: 70485							
Prep Date: 7/19/2020	Analysis Date: 7/20/2020		SeqNo: 2451619		Units: mg/Kg					
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: 2007898-004ams	SampType: MS		TestCode: EPA Method 8015D Mod: Gasoline Range							
Client ID: S1-0-6"	Batch ID: 53807		RunNo: 70527							
Prep Date: 7/19/2020	Analysis Date: 7/22/2020		SeqNo: 2454051		Units: mg/Kg					
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: 2007898-004amsd	SampType: MSD		TestCode: EPA Method 8015D Mod: Gasoline Range							
Client ID: S1-0-6"	Batch ID: 53807		RunNo: 70527							
Prep Date: 7/19/2020	Analysis Date: 7/22/2020		SeqNo: 2454052		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

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

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

Page 33 of 34

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: 2007898-004amsd	SampType: MSD	TestCode: EPA Method 8015D Mod: Gasoline Range								
Client ID: S1-0-6"	Batch ID: 53807	RunNo: 70527								
Prep Date: 7/19/2020	Analysis Date: 7/22/2020	SeqNo: 2454052	Units: mg/Kg							
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	

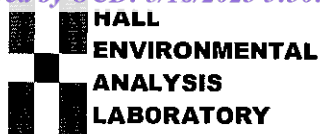
Sample ID: 2007898-024ams	SampType: MS	TestCode: EPA Method 8015D Mod: Gasoline Range								
Client ID: S14-3'	Batch ID: 53809	RunNo: 70577								
Prep Date: 7/19/2020	Analysis Date: 7/23/2020	SeqNo: 2455082	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit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

Sample ID: 2007898-024amsd	SampType: MSD	TestCode: EPA Method 8015D Mod: Gasoline Range								
Client ID: S14-3'	Batch ID: 53809	RunNo: 70577								
Prep Date: 7/19/2020	Analysis Date: 7/23/2020	SeqNo: 2455083	Units: mg/Kg							
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

I-OK

Completed By: Isaiah Ortiz

7/17/2020 11:22:16 AM

I-OK

Reviewed By: LB

7/17/20

Chain of Custody

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

Log In

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

of preserved
bottles checked
for pH:
(<2 or >12 unless noted)

Adjusted? _____

Checked by: SPA 7.17.20

Special Handling (if applicable)

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

Person Notified: _____

Date: _____

By Whom: _____

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	4.5	Good	Not Present			

Chain-of-Custody Record

Client: <u>Pima Environmental</u>		Turn-Around Time: <u>5 Day</u>	
		<input checked="" type="checkbox"/> Standard <input type="checkbox"/> Rush	
Project Name: <u>Jasper 32 St. Com 7H</u>			
Mailing Address: <u>1601 N. Turner St. 500</u>			
<u>Hobbs, NM 88240</u>			
Phone #: <u>575-631-6977</u>		Project #: <u>20868750</u>	
email or Fax#: <u>Chris@pimaenv.com</u>			
QA/QC Package:		Project Manager: <u>Chris Jones</u>	
<input checked="" type="checkbox"/> Standard <input type="checkbox"/> Level 4 (Full Validation)			
Accreditation: <input type="checkbox"/> AZ Compliance			
<input type="checkbox"/> NELAC <input type="checkbox"/> Other			
<input type="checkbox"/> EDD (Type)			

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

Date:	Time:	Relinquished by:	Received by:	Via:	Date:	Time:
7/5/20	1900	<u>Unsubmitted</u>	<u>Unsubmitted</u>		7/6/20	0740



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	Chloride
BTEX / MTBE / TMB's (8021)									

Remarks:

B:11 to Devon

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

Raina Schwanz
Laboratory Administrator
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rainaschwanz@envirotech-inc.com

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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

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

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

Reported:
10/3/2022 3:49:50PM

S5 1'

E209142-01

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

Reported:
10/3/2022 3:49:50PM

S5 2'

E209142-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
10/3/2022 3:49:50PM

S5 3'

E209142-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
10/3/2022 3:49:50PM

S5 4'

E209142-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
10/3/2022 3:49:50PM

S6 3'

E209142-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
10/3/2022 3:49:50PM

S6 4'

E209142-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
10/3/2022 3:49:50PM

S7 1'

E209142-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
10/3/2022 3:49:50PM

S7 2'

E209142-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
10/3/2022 3:49:50PM

S7 3'

E209142-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
10/3/2022 3:49:50PM

S7 4'

E209142-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
10/3/2022 3:49:50PM

S8 3'

E209142-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
10/3/2022 3:49:50PM

S8 4'

E209142-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
10/3/2022 3:49:50PM

S9 1'

E209142-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
10/3/2022 3:49:50PM

S9 2'

E209142-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
10/3/2022 3:49:50PM

S9 3'

E209142-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
10/3/2022 3:49:50PM

S9 4'

E209142-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
10/3/2022 3:49:50PM

SW1

E209142-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
10/3/2022 3:49:50PM

SW2

E209142-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
10/3/2022 3:49:50PM

SW3

E209142-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
10/3/2022 3:49:50PM

SW4

E209142-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
10/3/2022 3:49:50PM

BG1

E209142-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	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	
Surrogate: Bromofluorobenzene	97.3 %	70-130		09/26/22	09/26/22	
Surrogate: 1,2-Dichloroethane-d4	93.0 %	70-130		09/26/22	09/26/22	
Surrogate: Toluene-d8	105 %	70-130		09/26/22	09/26/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240001
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/26/22	09/26/22	
Surrogate: Bromofluorobenzene	97.3 %	70-130		09/26/22	09/26/22	
Surrogate: 1,2-Dichloroethane-d4	93.0 %	70-130		09/26/22	09/26/22	
Surrogate: Toluene-d8	105 %	70-130		09/26/22	09/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Surrogate: n-Nonane	80.9 %	50-200		09/27/22	09/30/22	
Anions by EPA 300.0/9056A						
	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

Reported:
10/3/2022 3:49:50PM

BG2

E209142-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	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	
Surrogate: Bromofluorobenzene	96.9 %	70-130		09/26/22	09/26/22	
Surrogate: 1,2-Dichloroethane-d4	95.8 %	70-130		09/26/22	09/26/22	
Surrogate: Toluene-d8	106 %	70-130		09/26/22	09/26/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240001
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/26/22	09/26/22	
Surrogate: Bromofluorobenzene	96.9 %	70-130		09/26/22	09/26/22	
Surrogate: 1,2-Dichloroethane-d4	95.8 %	70-130		09/26/22	09/26/22	
Surrogate: Toluene-d8	106 %	70-130		09/26/22	09/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Surrogate: n-Nonane	83.3 %	50-200		09/27/22	09/30/22	
Anions by EPA 300.0/9056A						
	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	Project Name:	Jasper 32 #7	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/3/2022 3:49:50PM

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	Project Name:	Jasper 32 #7	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/3/2022 3:49:50PM

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-BS1)

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	Project Name:	Jasper 32 #7	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/3/2022 3:49:50PM

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	Project Name:	Jasper 32 #7	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/3/2022 3:49:50PM

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	Project Name:	Jasper 32 #7	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/3/2022 3:49:50PM

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	Project Name:	Jasper 32 #7	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/3/2022 3:49:50PM

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	Project Name:	Jasper 32 #7	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/3/2022 3:49:50PM

Anions by EPA 300.0/9056A

Analyst: KL

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

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	Project Name:	Jasper 32 #7	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/3/2022 3:49:50PM

Anions by EPA 300.0/9056A

Analyst: KL

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

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	Reported:
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

Page 1 of 3

Client: Pima Environmental Services Project: JACOBER 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:					Bill To: Attention: Devon Energy Address: City, State, Zip: Phone: Email: Pima Project # 24					Lab Use Only Lab Work: E-2091142 Lab Number: 01058-0007					TAT 1D 2D 3D Standard X				EPA Program CWA SDWA RCRA	
Analysis and Method DRO/DRO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BDOC NM BDOC TX										State NM CO UT AZ TX X				Remarks						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	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.																				
Relinquished by: (Signature) <u>Adrian Benavidez</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>3:00</u>																				
Relinquished by: (Signature) <u>[Signature]</u> Date <u>9/23/22</u> Time <u>9:00</u> Received by: (Signature) <u>[Signature]</u> Date <u>9/26/22</u> Time <u>9:00</u>																				
Relinquished by: (Signature) <u>[Signature]</u> Date <u>9/23/22</u> Time <u>9:00</u> Received by: (Signature) <u>[Signature]</u> Date <u>9/26/22</u> Time <u>9:00</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.																				

Project Information

Chain of Custody

Page 2 of 3

Client: Pima Environmental Services Project: JOSEPH 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:					Bill To Attention: DEVON Energy Address: City, State, Zip Phone: Email: Pima Project #					Lab Use Only Lab Work: E 209/42 Job Number: 01058-0007 Analysis and Method DRO/ORO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDOC NM BGDOC TX						TAT 1D 2D 3D Standard X State NM CO UT AZ TX X				EPA Program CWA SDWA RCRA	
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							
8:50	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 <u>9/23/22</u> Time <u>2:30</u> Received by: (Signature) <u>[Signature]</u> Date <u>9-23-22</u> Time <u>3:00</u> 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> 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

[illegible]

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

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

Carrier: UPSComments/ResolutionSample 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

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

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Jasper 32 State Com 7H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	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

Reported:
5/17/2023 12:51:37PM

CS1

E305088-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Surrogate: 4-Bromochlorobenzene-PID	95.7 %	70-130		05/16/23	05/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	91.3 %	70-130		05/16/23	05/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Surrogate: n-Nonane	90.4 %	50-200		05/16/23	05/16/23	
Anions by EPA 300.0/9056A						
	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

Reported:
5/17/2023 12:51:37PM

CS2

E305088-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
5/17/2023 12:51:37PM

CS3

E305088-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
5/17/2023 12:51:37PM

CS4

E305088-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
5/17/2023 12:51:37PM

CS5

E305088-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
5/17/2023 12:51:37PM

CS6

E305088-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
5/17/2023 12:51:37PM

CS7

E305088-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
5/17/2023 12:51:37PM

CS8

E305088-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
5/17/2023 12:51:37PM

CS9

E305088-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
5/17/2023 12:51:37PM

CS10

E305088-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
5/17/2023 12:51:37PM

CS11

E305088-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
5/17/2023 12:51:37PM

CS12

E305088-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
5/17/2023 12:51:37PM

CS13

E305088-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
5/17/2023 12:51:37PM

CS14

E305088-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
5/17/2023 12:51:37PM

CS15

E305088-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
5/17/2023 12:51:37PM

CS16

E305088-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
5/17/2023 12:51:37PM

CS17

E305088-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
5/17/2023 12:51:37PM

CS18

E305088-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
5/17/2023 12:51:37PM

CS19

E305088-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
5/17/2023 12:51:37PM

CS20

E305088-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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	Project Name:	Jasper 32 State Com 7H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/17/2023 12:51:37PM

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

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

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: n-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: n-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: n-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: n-Nonane	42.2		50.0		84.5	50-200			



QC Summary Data

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

Anions by EPA 300.0/9056A

Analyst: RAS

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

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	Reported:
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.

Project Information

Chain of Custody

Client: Pima Environmental Services		Bill To		Lab Use Only		TAT		EPA Program	
Project: Jasper 32 State Corn 7A		Attention: Devon		Lab WO# E 305088		Job Number 0058 0057		CWA	
Project Manager: Tom Bynum		Address:				1D 2D 3D		SDWA	
Address: 5614 N. Lovington Hwy.		City, State, Zip						RCRA	
City, State, Zip Hobbs, NM, 88240		Phone:							
Phone: 580-748-1613		Email:							
Email: tom@pimaoil.com		Pima Project # 1-24-1							
Report due by:									

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 21137293

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

Sampled by: 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>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>	Lab Use Only Received on ice: <u>Y</u> / N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4.0</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 Ziegler</u>	Date <u>05/16/23</u>	Time <u>7:20</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.

Project Information

Chain of Custody

Client: Pima Environmental Services Project: Jasper 32 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 Lab WO# E 305088 Job Number 01058-0007 Analysis and Method DRO/ORO by 8015 GRO/DRO by 8015 BTX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BGDOC NM BGDOC TX					TAT 1D 2D 3D Standard X State NM CO UT AZ TX X				EPA Program CWA SDWA RCRA	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTX 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) <i>Kerrine Abene</i>			Date		Time		Received by: (Signature) <i>Michelle Gough</i>			Date		Time		Lab Use Only Received on ice: Y / N						
Relinquished by: (Signature) <i>Michelle Gough</i>			Date		Time		Received by: (Signature) <i>Andrew Russo</i>			Date		Time		T1 T2 T3						
Relinquished by: (Signature) <i>Andrew Russo</i>			Date		Time		Received by: (Signature) <i>John Ziegler</i>			Date		Time		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.																				

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

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

Carrier: CourierComments/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

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

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

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Cell: 505-320-4759
ljjarboe@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

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

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

Reported:
5/16/2023 4:22:05PM

CS21

E305089-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	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	
Surrogate: Bromofluorobenzene	108 %	70-130		05/16/23	05/16/23	
Surrogate: 1,2-Dichloroethane-d4	96.6 %	70-130		05/16/23	05/16/23	
Surrogate: Toluene-d8	107 %	70-130		05/16/23	05/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2320025	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
Surrogate: Bromofluorobenzene	108 %	70-130		05/16/23	05/16/23	
Surrogate: 1,2-Dichloroethane-d4	96.6 %	70-130		05/16/23	05/16/23	
Surrogate: Toluene-d8	107 %	70-130		05/16/23	05/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Surrogate: n-Nonane	92.4 %	50-200		05/16/23	05/16/23	
Anions by EPA 300.0/9056A						
	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

Reported:
5/16/2023 4:22:05PM

CS22

E305089-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	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	
Surrogate: Bromofluorobenzene		103 %	70-130	05/16/23	05/16/23	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130	05/16/23	05/16/23	
Surrogate: Toluene-d8		107 %	70-130	05/16/23	05/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
Surrogate: Bromofluorobenzene		103 %	70-130	05/16/23	05/16/23	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130	05/16/23	05/16/23	
Surrogate: Toluene-d8		107 %	70-130	05/16/23	05/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Surrogate: n-Nonane		89.3 %	50-200	05/16/23	05/16/23	
Anions by EPA 300.0/9056A						
	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

Reported:
5/16/2023 4:22:05PM

CS23

E305089-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	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	
Surrogate: Bromofluorobenzene		105 %	70-130	05/16/23	05/16/23	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130	05/16/23	05/16/23	
Surrogate: Toluene-d8		107 %	70-130	05/16/23	05/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
Surrogate: Bromofluorobenzene		105 %	70-130	05/16/23	05/16/23	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130	05/16/23	05/16/23	
Surrogate: Toluene-d8		107 %	70-130	05/16/23	05/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Surrogate: n-Nonane		99.4 %	50-200	05/16/23	05/16/23	
Anions by EPA 300.0/9056A						
	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

Reported:
5/16/2023 4:22:05PM

CS24

E305089-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	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	
Surrogate: Bromofluorobenzene	99.1 %	70-130		05/16/23	05/16/23	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		05/16/23	05/16/23	
Surrogate: Toluene-d8	99.6 %	70-130		05/16/23	05/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
Surrogate: Bromofluorobenzene	99.1 %	70-130		05/16/23	05/16/23	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		05/16/23	05/16/23	
Surrogate: Toluene-d8	99.6 %	70-130		05/16/23	05/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Surrogate: n-Nonane	94.3 %	50-200		05/16/23	05/16/23	
Anions by EPA 300.0/9056A						
	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

Reported:
5/16/2023 4:22:05PM

CS25

E305089-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	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	
Surrogate: Bromofluorobenzene	98.7 %	70-130		05/16/23	05/16/23	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		05/16/23	05/16/23	
Surrogate: Toluene-d8	99.6 %	70-130		05/16/23	05/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
Surrogate: Bromofluorobenzene	98.7 %	70-130		05/16/23	05/16/23	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		05/16/23	05/16/23	
Surrogate: Toluene-d8	99.6 %	70-130		05/16/23	05/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Surrogate: n-Nonane	105 %	50-200		05/16/23	05/16/23	
Anions by EPA 300.0/9056A						
	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

Reported:
5/16/2023 4:22:05PM

CS26

E305089-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	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	
Surrogate: Bromofluorobenzene		100 %	70-130	05/16/23	05/16/23	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	05/16/23	05/16/23	
Surrogate: Toluene-d8		98.4 %	70-130	05/16/23	05/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
Surrogate: Bromofluorobenzene		100 %	70-130	05/16/23	05/16/23	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	05/16/23	05/16/23	
Surrogate: Toluene-d8		98.4 %	70-130	05/16/23	05/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Surrogate: n-Nonane		105 %	50-200	05/16/23	05/16/23	
Anions by EPA 300.0/9056A						
	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

Reported:
5/16/2023 4:22:05PM

CSW1

E305089-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	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	
Surrogate: Bromofluorobenzene		101 %	70-130	05/16/23	05/16/23	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130	05/16/23	05/16/23	
Surrogate: Toluene-d8		99.3 %	70-130	05/16/23	05/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
Surrogate: Bromofluorobenzene		101 %	70-130	05/16/23	05/16/23	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130	05/16/23	05/16/23	
Surrogate: Toluene-d8		99.3 %	70-130	05/16/23	05/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Surrogate: n-Nonane		102 %	50-200	05/16/23	05/16/23	
Anions by EPA 300.0/9056A						
	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

Reported:
5/16/2023 4:22:05PM

CSW2

E305089-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	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	
Surrogate: Bromofluorobenzene	99.8 %	70-130		05/16/23	05/16/23	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		05/16/23	05/16/23	
Surrogate: Toluene-d8	98.4 %	70-130		05/16/23	05/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
Surrogate: Bromofluorobenzene	99.8 %	70-130		05/16/23	05/16/23	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		05/16/23	05/16/23	
Surrogate: Toluene-d8	98.4 %	70-130		05/16/23	05/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Surrogate: n-Nonane	105 %	50-200		05/16/23	05/16/23	
Anions by EPA 300.0/9056A						
	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

Reported:
5/16/2023 4:22:05PM

CSW3

E305089-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	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	
Surrogate: Bromofluorobenzene		101 %	70-130	05/16/23	05/16/23	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	05/16/23	05/16/23	
Surrogate: Toluene-d8		99.4 %	70-130	05/16/23	05/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
Surrogate: Bromofluorobenzene		101 %	70-130	05/16/23	05/16/23	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	05/16/23	05/16/23	
Surrogate: Toluene-d8		99.4 %	70-130	05/16/23	05/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Surrogate: n-Nonane		106 %	50-200	05/16/23	05/16/23	
Anions by EPA 300.0/9056A						
	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

Reported:
5/16/2023 4:22:05PM

CSW4

E305089-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	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	
Surrogate: Bromofluorobenzene		101 %	70-130	05/16/23	05/16/23	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	05/16/23	05/16/23	
Surrogate: Toluene-d8		99.2 %	70-130	05/16/23	05/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
Surrogate: Bromofluorobenzene		101 %	70-130	05/16/23	05/16/23	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	05/16/23	05/16/23	
Surrogate: Toluene-d8		99.2 %	70-130	05/16/23	05/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Surrogate: n-Nonane		103 %	50-200	05/16/23	05/16/23	
Anions by EPA 300.0/9056A						
	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

Reported:
5/16/2023 4:22:05PM

CSW5

E305089-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	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	
Surrogate: Bromofluorobenzene		102 %	70-130	05/16/23	05/16/23	
Surrogate: 1,2-Dichloroethane-d4		93.9 %	70-130	05/16/23	05/16/23	
Surrogate: Toluene-d8		106 %	70-130	05/16/23	05/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
Surrogate: Bromofluorobenzene		102 %	70-130	05/16/23	05/16/23	
Surrogate: 1,2-Dichloroethane-d4		93.9 %	70-130	05/16/23	05/16/23	
Surrogate: Toluene-d8		106 %	70-130	05/16/23	05/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Surrogate: n-Nonane		108 %	50-200	05/16/23	05/16/23	
Anions by EPA 300.0/9056A						
	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

Reported:
5/16/2023 4:22:05PM

CSW6

E305089-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	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	
Surrogate: Bromofluorobenzene		102 %	70-130	05/16/23	05/16/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	05/16/23	05/16/23	
Surrogate: Toluene-d8		107 %	70-130	05/16/23	05/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
Surrogate: Bromofluorobenzene		102 %	70-130	05/16/23	05/16/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	05/16/23	05/16/23	
Surrogate: Toluene-d8		107 %	70-130	05/16/23	05/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Surrogate: n-Nonane		107 %	50-200	05/16/23	05/16/23	
Anions by EPA 300.0/9056A						
	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

Reported:
5/16/2023 4:22:05PM

CSW7

E305089-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	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	
Surrogate: Bromofluorobenzene		107 %	70-130	05/16/23	05/16/23	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130	05/16/23	05/16/23	
Surrogate: Toluene-d8		105 %	70-130	05/16/23	05/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
Surrogate: Bromofluorobenzene		107 %	70-130	05/16/23	05/16/23	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130	05/16/23	05/16/23	
Surrogate: Toluene-d8		105 %	70-130	05/16/23	05/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Surrogate: n-Nonane		105 %	50-200	05/16/23	05/16/23	
Anions by EPA 300.0/9056A						
	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

Reported:
5/16/2023 4:22:05PM

CSW8

E305089-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	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	
Surrogate: Bromofluorobenzene		105 %	70-130	05/16/23	05/16/23	
Surrogate: 1,2-Dichloroethane-d4		95.6 %	70-130	05/16/23	05/16/23	
Surrogate: Toluene-d8		107 %	70-130	05/16/23	05/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
Surrogate: Bromofluorobenzene		105 %	70-130	05/16/23	05/16/23	
Surrogate: 1,2-Dichloroethane-d4		95.6 %	70-130	05/16/23	05/16/23	
Surrogate: Toluene-d8		107 %	70-130	05/16/23	05/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Surrogate: n-Nonane		105 %	50-200	05/16/23	05/16/23	
Anions by EPA 300.0/9056A						
	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	Reported:
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 Corn 7H</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									
Address: 5614 N. Lovington Hwy.		City, State, Zip		DRO/ORO by 8015		GRO/DRO by 8015		BTEX by 8021		VOC by 8260		Metals 6010	
City, State, Zip Hobbs, NM, 88240		Phone:		Chloride 300.0									
Phone: 580-748-1613		Email:											
Email: tom@pimaoil.com		Pima Project # <u>1.24-1</u>											
Report due by:													

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:

BH 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 Adame</u>	Date <u>5-15-23</u>	Time <u>1715</u>	Received by: (Signature) <u>Michelle Gentry</u>	Date <u>5-15-23</u>	Time <u>1400</u>	Lab Use Only Received on ice: <u>Y</u> / N T1 T2 T3 AVG Temp °C <u>4.0</u>
Relinquished by: (Signature) <u>Michelle Gentry</u>	Date <u>5-15-23</u>	Time <u>1715</u>	Received by: (Signature) <u>Andrew M</u>	Date <u>5-15-23</u>	Time <u>1730</u>	
Relinquished by: (Signature) <u>Andrew M</u>	Date <u>5-15-23</u>	Time <u>2330</u>	Received by: (Signature) <u>Drew 3282</u>	Date <u>5/16/23</u>	Time <u>7:20</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.

[illegible][illegible]

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) <i>Karin Adams</i>	Date	Time	Received by: (Signature) <i>Michelle Kumpf</i>	Date 5-15-23	Time 1400	Lab Use Only Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4.0</u>
Relinquished by: (Signature) <i>Michelle Kumpf</i>	Date 5-15-23	Time 1715	Received by: (Signature) <i>Andrew M...</i>	Date 5-15-23	Time 1730	
Relinquished by: (Signature) <i>Andrew M...</i>	Date 5-15-23	Time 2330	Received by: (Signature) <i>Shawn ...</i>	Date 5/16/23	Time 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

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

Carrier: CourierComments/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

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 17th, 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 4th, 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 17th, 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 15th, 23rd, 2020, and September 22nd, 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
	4'	ND	ND	ND	ND	ND	0	ND
S-6	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
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S-7	0-6	ND	ND	ND	12	ND	12	1000
	1'	ND	ND	ND	ND	ND	0	931
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S-8	0-6	ND	ND	ND	ND	ND	0	23000
	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-9	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
	4'	ND	ND	ND	ND	ND	0	ND
S-10	0-6	ND	ND	ND	ND	ND	0	510
S-11	0-6	ND	ND	ND	ND	ND	0	ND
S-12	0-6	ND	ND	ND	ND	ND	0	ND
S-13	0-6	ND	ND	ND	ND	ND	0	450
S-14	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
	3	ND	ND	ND	ND	ND	0	410
SW 1	6"	ND	ND	ND	ND	ND	0	ND
SW 2	6"	ND	ND	ND	ND	ND	0	48
SW 3	6"	ND	ND	ND	ND	ND	0	48
SW 4	6"	ND	ND	ND	ND	ND	0	48
BG 1	Surface	ND	ND	ND	ND	ND	0	16
	1	ND	ND	ND	ND	ND	0	ND
BG 2	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 5th, 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 12th, 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 14th, 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	CI 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	ND	ND	ND	ND	ND	ND
CSW 8	0-3'	ND	ND	ND	ND	ND	ND	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

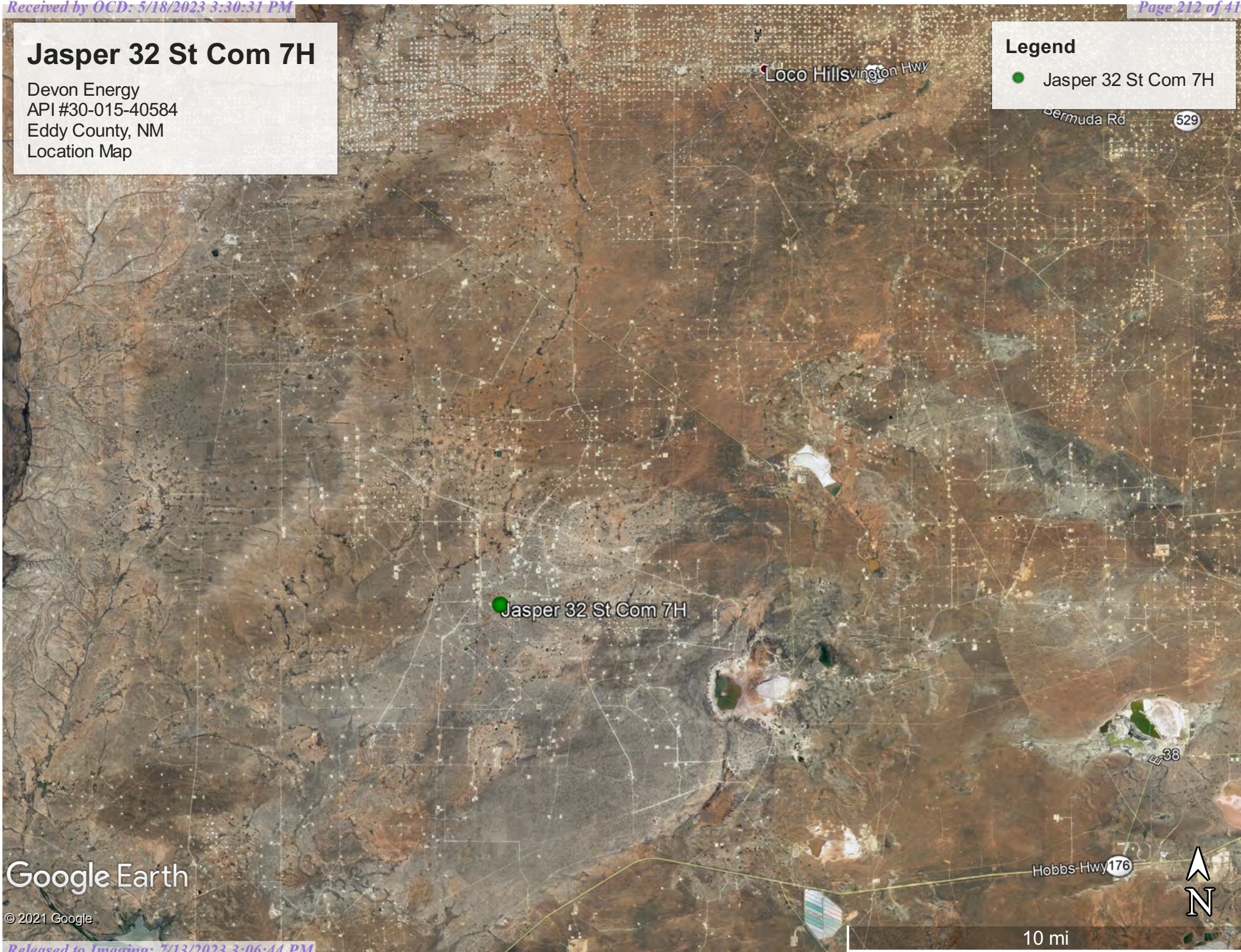
Devon Energy
API #30-015-40584
Eddy County, NM
Location Map

Legend

● Jasper 32 St Com 7H

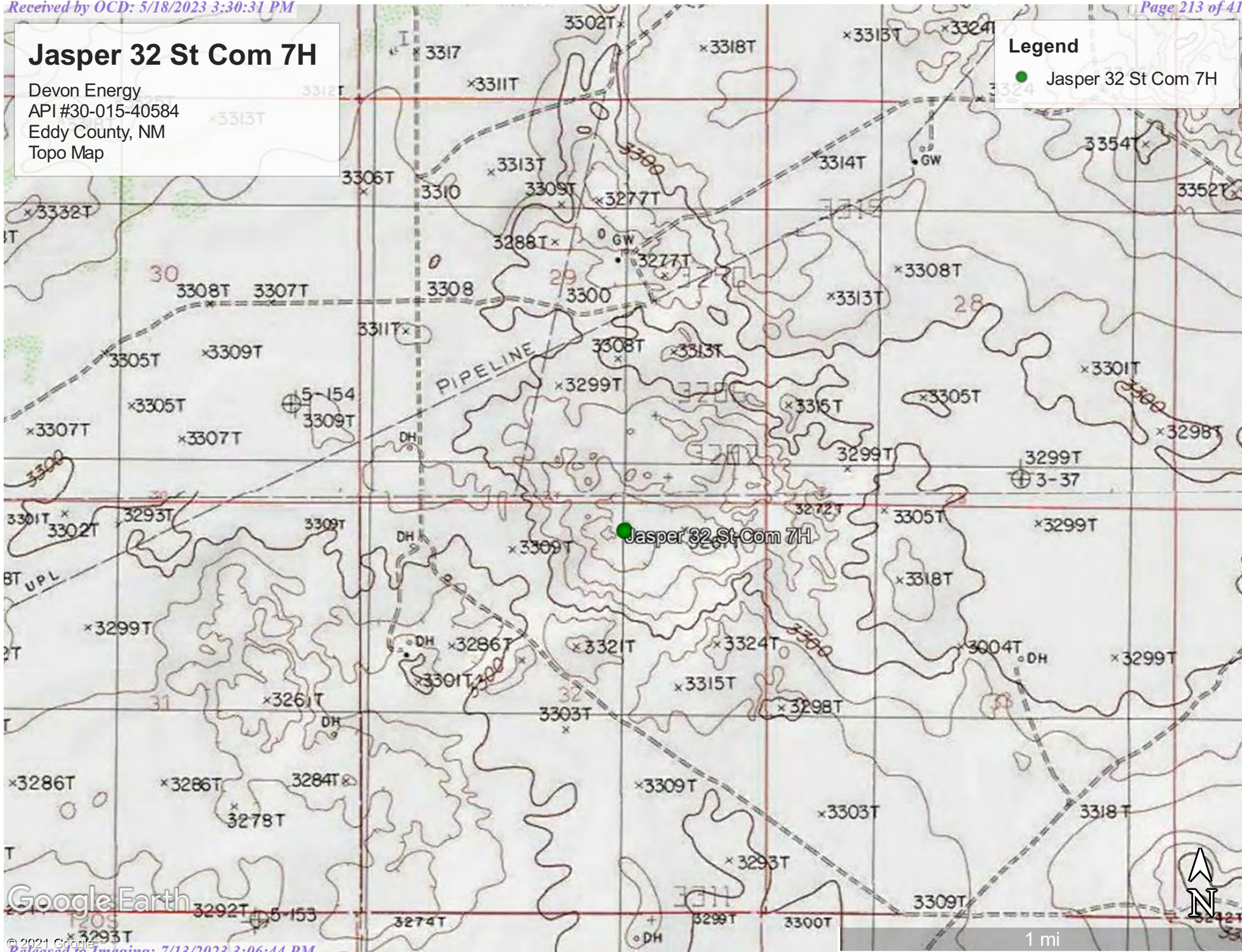
Google Earth

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

- 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

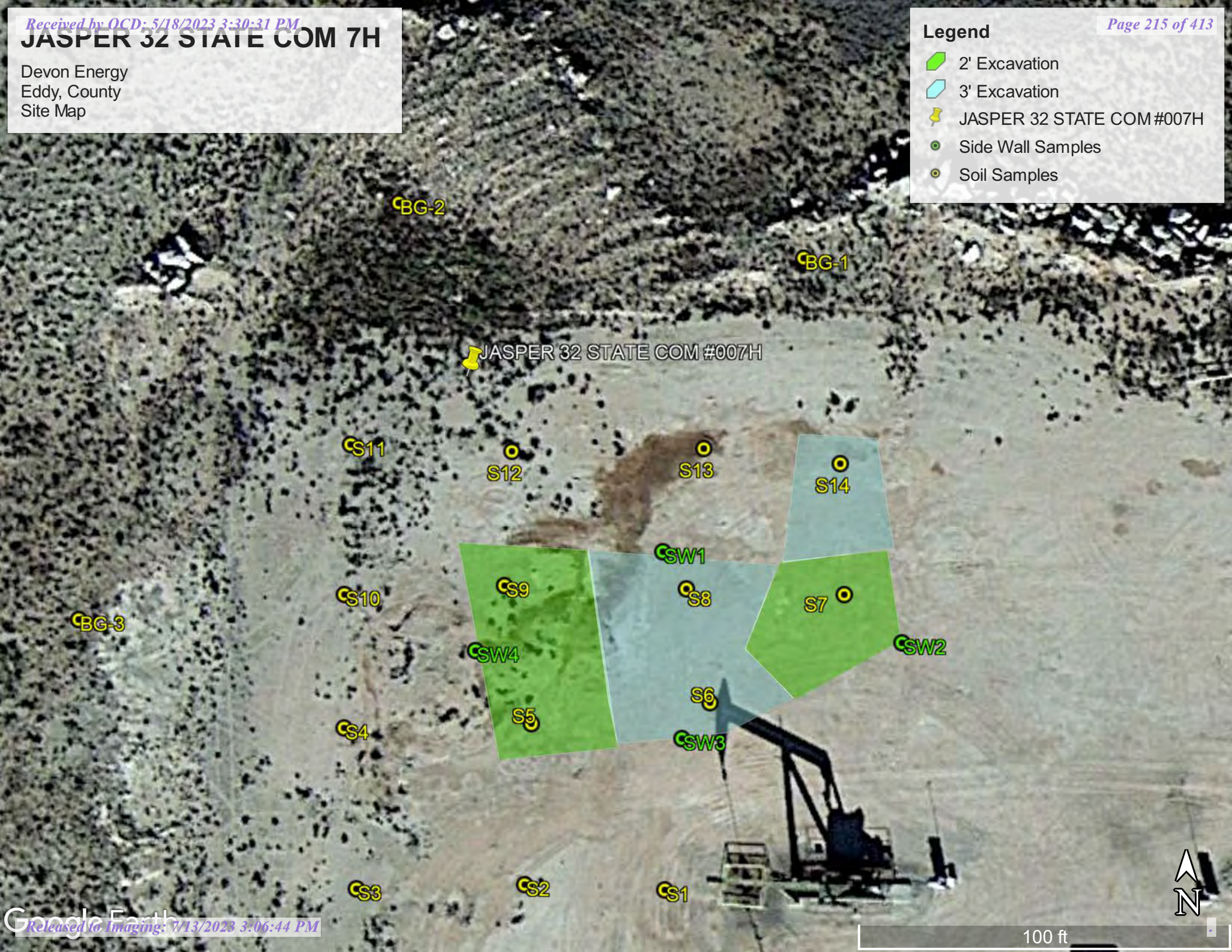


JASPER 32 STATE COM 7H

Devon Energy
Eddy, County
Site Map

Legend

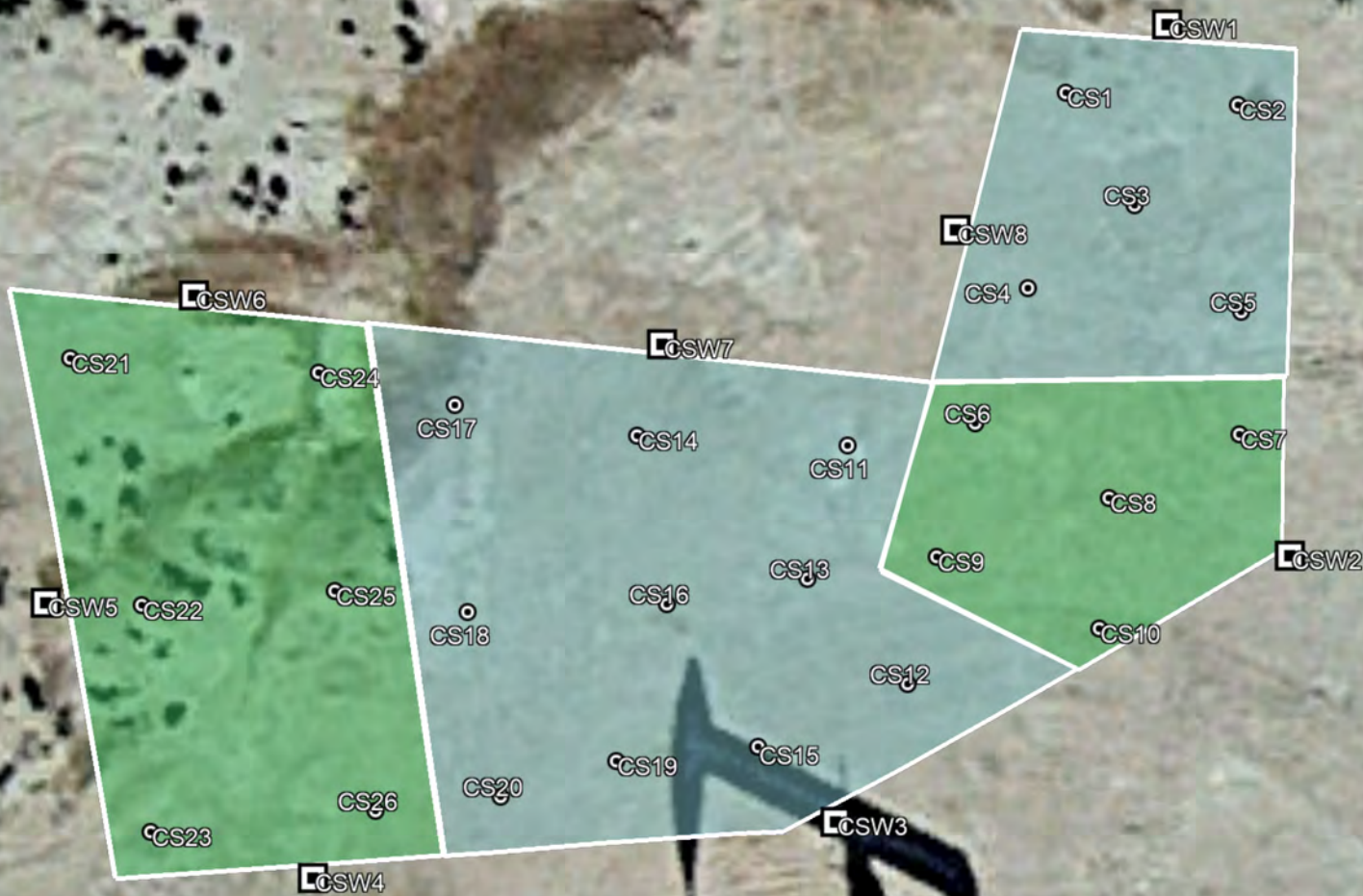
- 2' Excavation
- 3' Excavation
- JASPER 32 STATE COM #007H
- Side Wall Samples
- Soil Samples



Jasper 32 State Com 7H

Devon Energy
Eddy, County
Confirmation Map

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





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	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth	Well	Depth	Water	Column
CP 00830 POD1		CP	LE	2	1	04	20S	29E		586118	3608193*	2087		120			
CP 00681		CP	ED	1	1	3	34	19S	29E	587230	3609127*	2416					
CP 00743 POD1		CP	ED	2	4	05	20S	29E		585319	3607382*	2566		160			
CP 01231 POD1		CP	ED	4	4	2	36	19S	28E	582311	3609372	2694		300		75	225
CP 00698 POD1		CP	ED	3	1	03	20S	29E		587393	3608010	3103					
CP 00741		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

UTM NAD83 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.

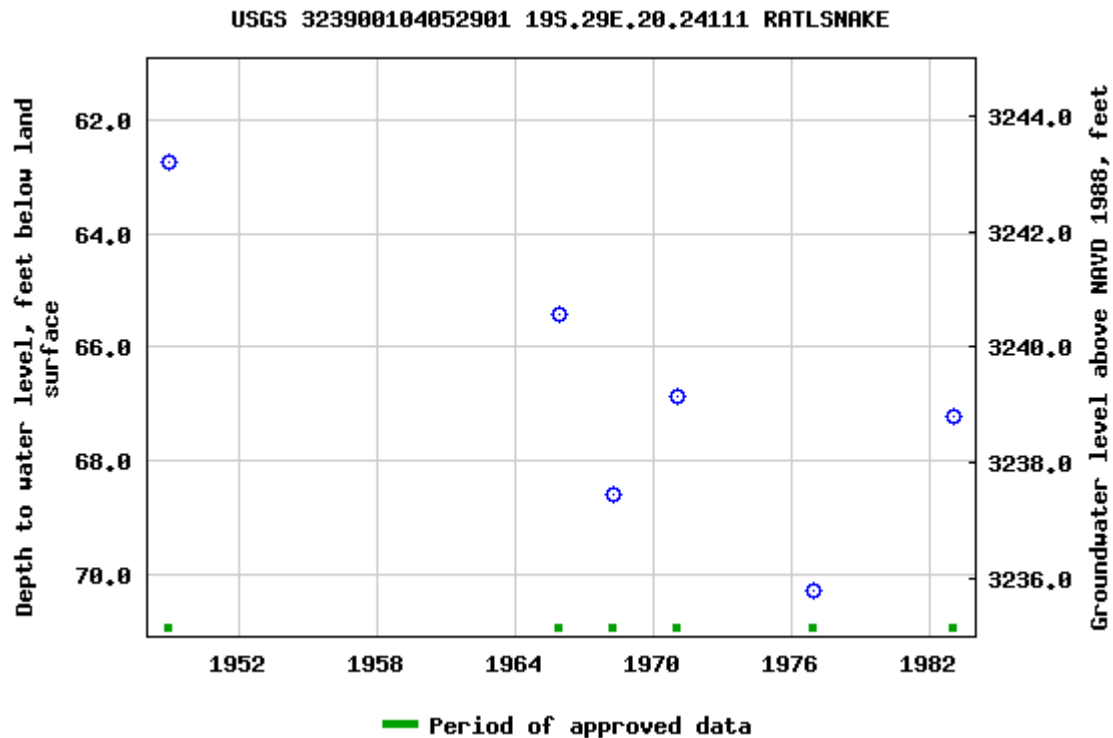
Output formats

[Table of data](#)

[Tab-separated data](#)

[Graph of data](#)

[Reselect period](#)



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

[Download a presentation-quality graph](#)

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[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

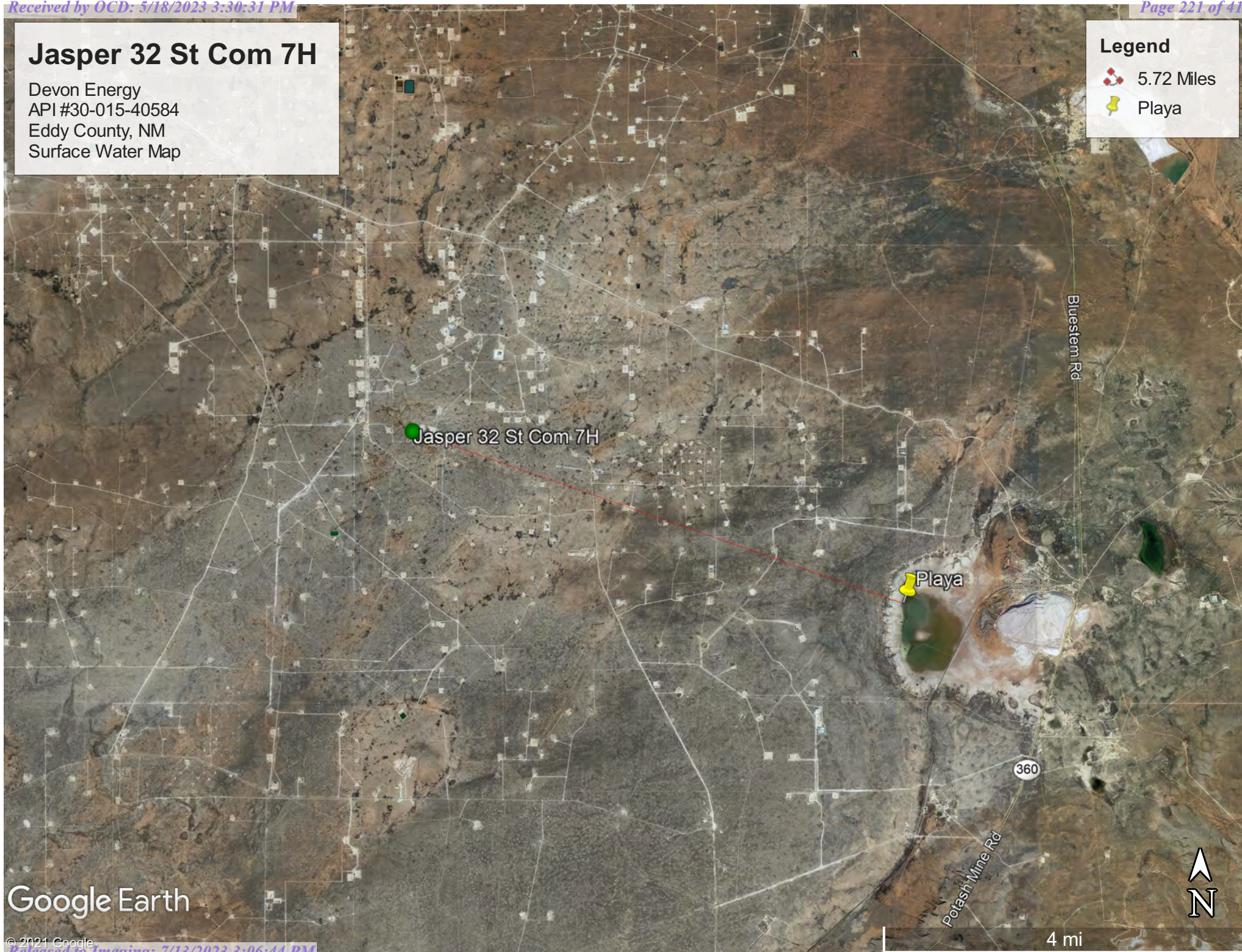
0.67 0.59 nadww02

Jasper 32 St Com 7H

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

Legend

-  5.72 Miles
-  Playa



Google Earth



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

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

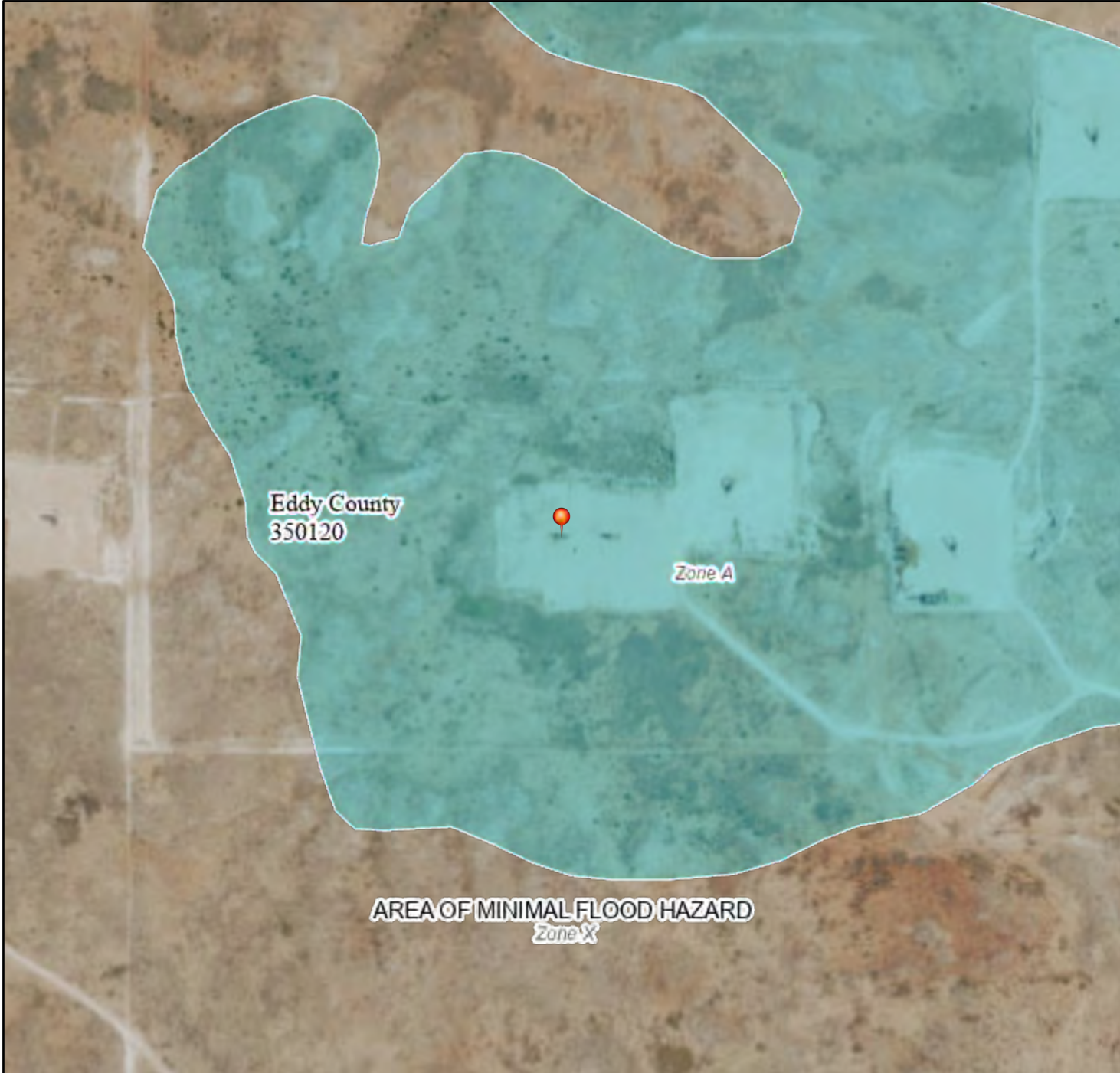
Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 16, Jun 8, 2020

National Flood Hazard Layer FIRMMette



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



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

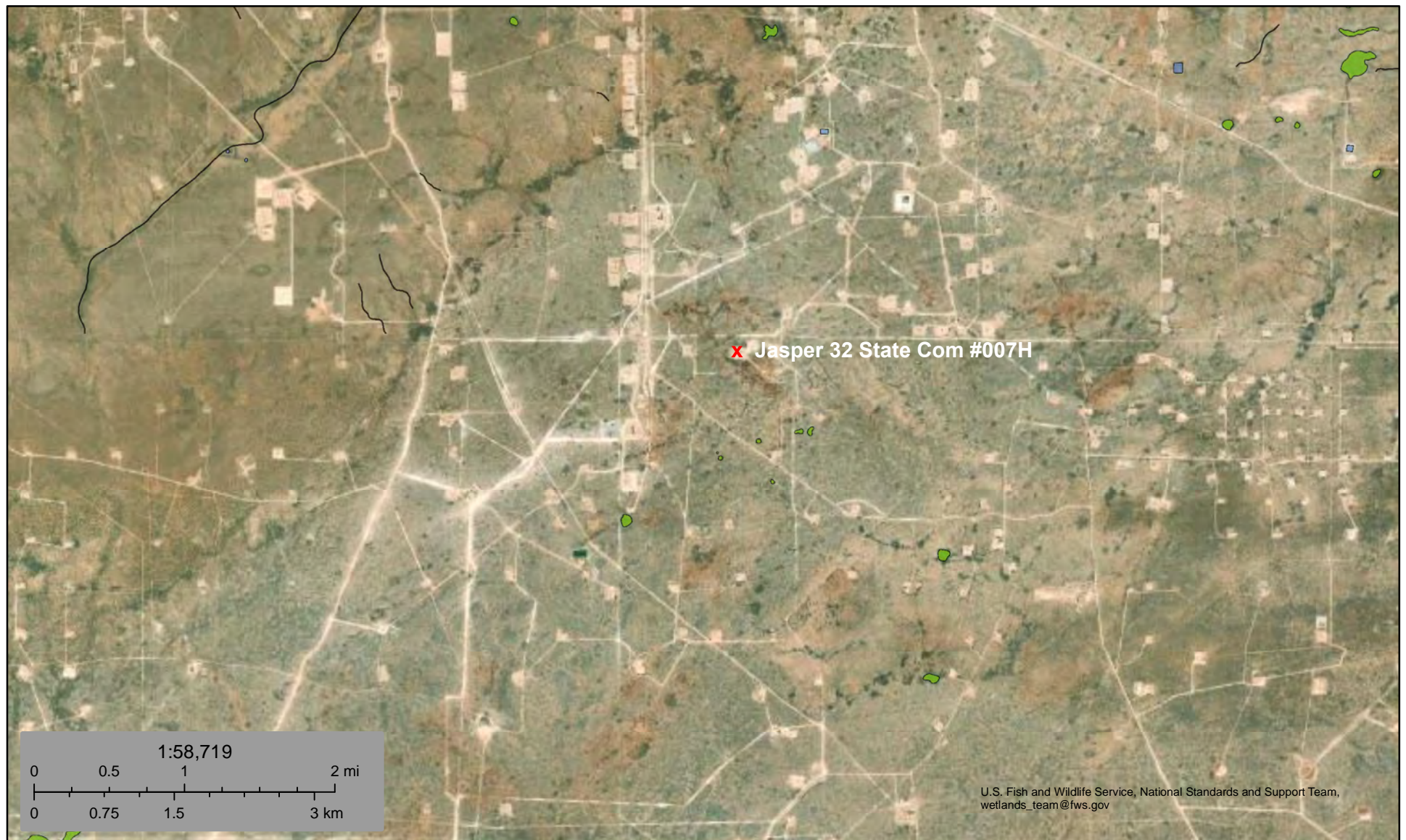
This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 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
- Estuarine and Marine Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

- Lake
- Other
- 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: _____
<u>OCD Only</u>	
Received by: <u>Ana B. Baramante</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 not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

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

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

State of New Mexico
Oil Conservation Division

Incident ID	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
To: ocdonline@state.nm.us
Cc: 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
619-721-4813 cell





Pima Environmental Services

Appendix D

Photographic Documentation



**SITE PHOTOGRAPHS
PIMA ENVIRONMENTAL**

Devon Energy

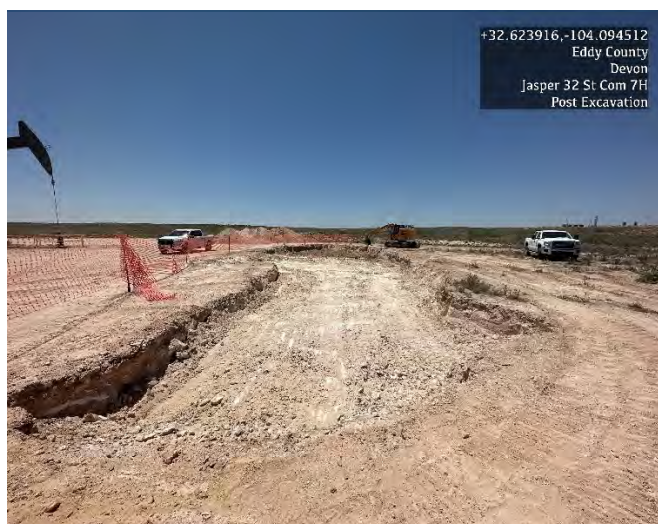
Jasper 32 State Com 7H

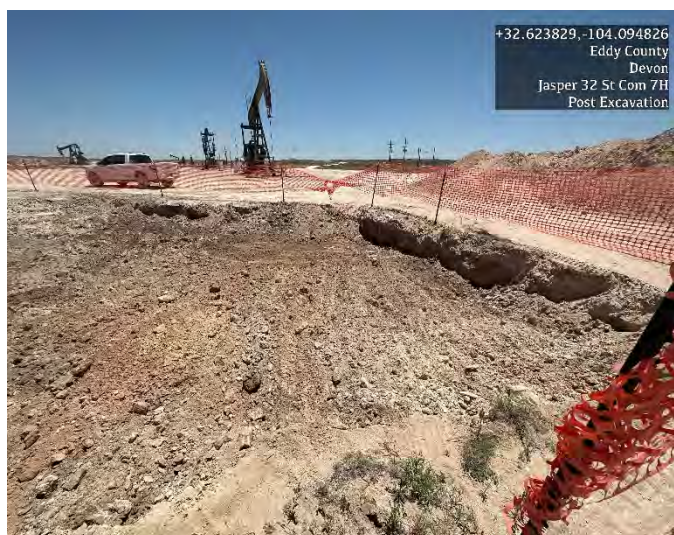
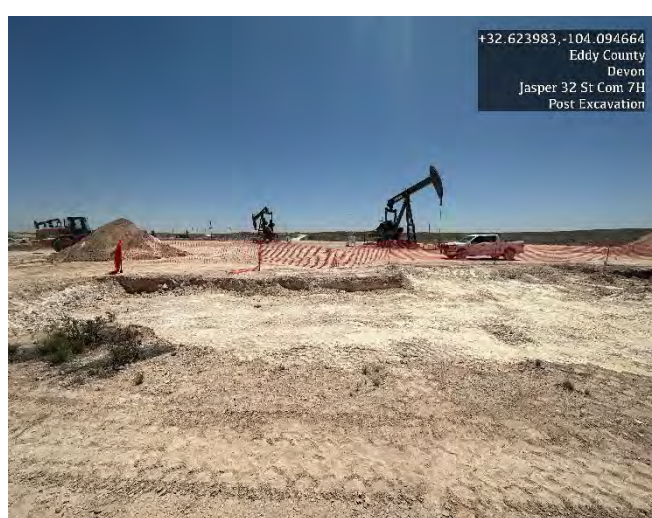
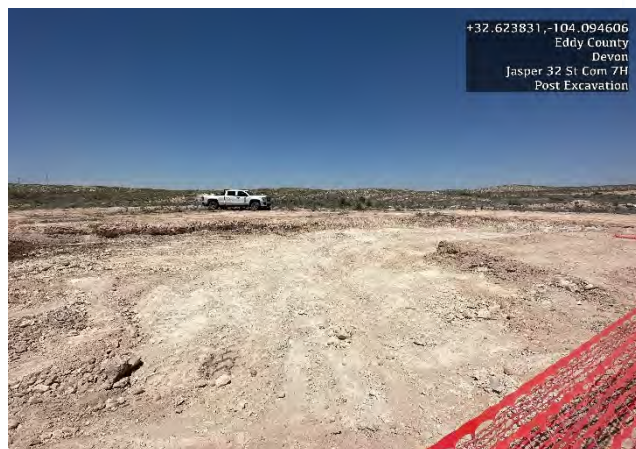
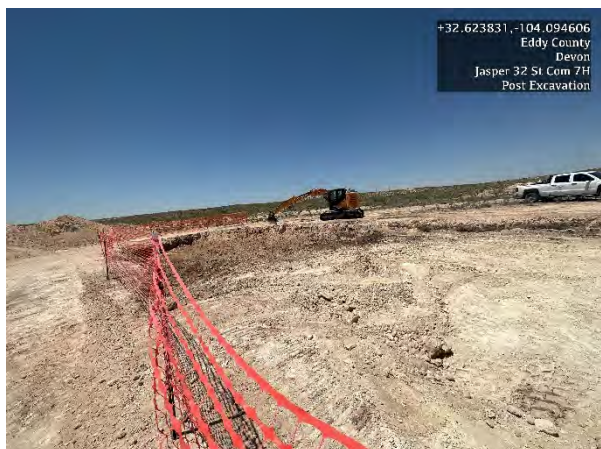
Assessment:





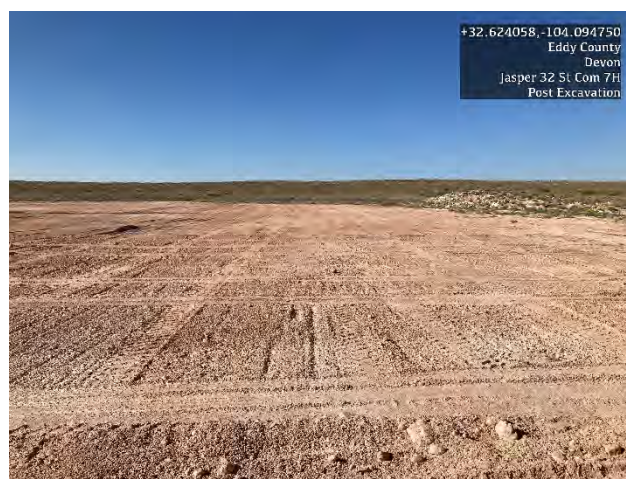
Excavation:







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.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/24/2020
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

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

BTX 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 BTX	<0.300	0.300	07/27/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 132 % 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	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
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

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	
Chloride	192	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	
DRO >C10-C28*	12000	50.0	07/27/2020	ND	204	102	200	6.23	
EXT DRO >C28-C36	2810	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
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

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

BTX 8021B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<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	
Chloride	32.0	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*	342	10.0	07/27/2020	ND	204	102	200	6.23	
EXT DRO >C28-C36	114	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
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

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

BTX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 BTX	<0.300	0.300	07/24/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	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*	117	10.0	07/27/2020	ND	204	102	200	6.23	
EXT DRO >C28-C36	25.7	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
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

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
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

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	
Total Xylenes*	0.360	0.150	07/24/2020	ND	5.85	97.5	6.00	0.0172	
Total BTEX	0.360	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
Chloride	80.0	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*	66.2	10.0	07/27/2020	ND	203	102	200	0.965	
DRO >C10-C28*	6360	10.0	07/27/2020	ND	204	102	200	6.23	
EXT DRO >C28-C36	1400	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
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

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	
Chloride	32.0	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*	10.9	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
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

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	
Chloride	4320	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	
DRO >C10-C28*	3350	10.0	07/27/2020	ND	204	102	200	6.23	
EXT DRO >C28-C36	763	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
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

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, SM4500CI-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
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

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	
Chloride	12000	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	
DRO >C10-C28*	8540	50.0	07/27/2020	ND	204	102	200	6.23	
EXT DRO >C28-C36	1970	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
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

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, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	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*	126	10.0	07/27/2020	ND	204	102	200	6.23	
EXT DRO >C28-C36	55.1	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
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

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
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

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, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	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*	94.6	10.0	07/27/2020	ND	204	102	200	6.23	
EXT DRO >C28-C36	17.5	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
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

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
Chloride	1540	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	
DRO >C10-C28*	2260	10.0	07/27/2020	ND	204	102	200	6.23	
EXT DRO >C28-C36	526	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
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

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, SM4500CI-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
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

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	
Chloride	112	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	
DRO >C10-C28*	15500	50.0	07/27/2020	ND	204	102	200	6.23	
EXT DRO >C28-C36	3280	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
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

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	
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	07/27/2020	ND	203	102	200	0.965	
DRO >C10-C28*	113	10.0	07/27/2020	ND	204	102	200	6.23	
EXT DRO >C28-C36	59.3	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
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

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, SM4500CI-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
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

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	
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 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
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

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, SM4500CI-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 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
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

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, 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 80.5 % 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
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

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, 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 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
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

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, 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 80.8 % 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
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

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, 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 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
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

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
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

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
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

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
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

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

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<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	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
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

Sample ID: BG-1 (H001938-29)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 BTX	<0.300	0.300	07/27/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 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*	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
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

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, SM4500CI-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

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/24/2020
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

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, SM4500CI-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



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Analytical Results For:

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

Received: 07/24/2020
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

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
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

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, 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	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



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Analytical Results For:

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

Received: 07/24/2020
Reported: 07/28/2020
Project Name: JASPER 32 ST COM 4H
Project Number: 20868750
Project Location: DEVON 32.623526, -104.091290

Sampling Date: 07/23/2020
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Yvonne Muniz

Sample ID: BG-6 (H001938-34)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 BTX	<0.300	0.300	07/27/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 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	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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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



Company Name: Pima Environmental		BILL TO		ANALYSIS REQUEST									
Project Manager: Chris Jones		P.O. #:											
Address: 1601 N. Turner St Ste 500		Company:											
City: Tucson		Attn:											
State: NM Zip: 85724		Address:											
Phone #: 505-631-6777 Fax #:		City:											
Project #: 20868750 Project Owner: Deron		State:											
Project Location: 33.623526, -109.691290		Zip:											
Sampler Name: Mark Albano		Phone #:											
		Fax #:											

Lab I.D. Sample I.D.

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	BTLEX	TPH	Chloride
100193R	01	S-1, O ^u -6 ^u				X							7/29/02	9:02	X		
	02	S-2, O ^u -6 ^u												9:02	X		
	03	S-2, 1 ^u												9:04			
	04	S-2, 2 ^u												9:06			
	05	S-2, 3 ^u												9:08			
	06	S-3, O ^u -6 ^u												9:10			
	07	S-4, O ^u -6 ^u												9:12			
	08	S-5, O ^u -6 ^u												9:14			
	09	S-5, 1 ^u												9:16			
	10	S-6, O ^u -6 ^u												9:19			

Relinquished By:		Date:	1/29/10	Time:	14:53	Received By:	Yodine Mueniz
------------------	--	-------	---------	-------	-------	--------------	---------------

Sampler - UPS - Bus - Other:

Corrected Temp. °C **5.5**

Sample Condition

CHECKED BY:

Turnaround Time:

Standard

Bacteria (only) Sample Condition

1

REMARKS:

.....

[illegible]

.....

1000

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(575) 393-2326 FAX (575) 393-2476**

FOR LAB USE ONLY

Lab I.D. Sample I.D.

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 :									
DATE									
TIME									
BTEX									
TPH									
chloride									
21	S-10, 0"-6"								
22	S-10, 1'								
23	S-10, 2'								
24	S-10, 3'								
25	S-11, 0"-6"								
26	S-12, 0"-6"								
27	S-12, 1'								
28	S-12, 1'								
29	S-12, 2'								
30	BB-1								
	BB-2								

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Affiliates or sub-processors affected and/or related to the performance of services hereunder for Confidentiality purposes of whether such claim is based upon any of the above stated reasons or otherwise.									
Relinquished By:		Date: <u>7/24/20</u>		Received By:		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____ All Results are emailed. Please provide Email address: _____			
Relinquished By:		Time: <u>1453</u>		Received By:		REMARKS: <u>Bill to Denar</u>			
		Date:							
		Time:							
Delivered By: (Circle One)		Observed Temp. °C		Sample Condition		CHECKED BY: (Initials)		Turnaround Time:	
Corrected Temp. °C		Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<u>hmm</u>		Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Thermometer ID #113 Correction Factor None	
Sampler - UPS - Bus - Other:		55						Bacteria (only) <input type="checkbox"/> Sample Condition Cool Intact <input type="checkbox"/> Observed Temp. °C Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Corrected Temp. °C	

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(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>Prima Environmental</u>		BILL TO		ANALYSIS REQUEST																																																																																					
Project Manager: <u>Chris Jones</u>		P.O. #:																																																																																							
Address: <u>1601 N Turner Ste 500</u>		Company:																																																																																							
City: <u>Hobbs</u>		Attn:																																																																																							
State: <u>NM</u> Zip: <u>58240</u>		Address:																																																																																							
Phone #: <u>575-631-6977</u> Fax #:		City:																																																																																							
Project #: <u>20868750</u> Project Owner: <u>Devon</u>		State:																																																																																							
Project Name: <u>Jasper 32 ST con 41t</u>		Zip:																																																																																							
Project Location: <u>32623526, -101.091292</u>		Phone #:																																																																																							
Sampler Name: <u>Mark Newcomb</u>		Fax #:																																																																																							
FOR LAB USE ONLY																																																																																									
Lab I.D. Sample I.D.																																																																																									
<table border="1"><thead><tr><th rowspan="2"></th><th rowspan="2">(G)RAB OR (C)OMP.</th><th rowspan="2"># CONTAINERS</th><th colspan="6">MATRIX</th><th rowspan="2">DATE</th><th rowspan="2">TIME</th><th rowspan="2">BTX</th><th rowspan="2">TPH</th><th rowspan="2">chloride</th></tr><tr><th>GROUNDWATER</th><th>WASTEWATER</th><th>SOIL</th><th>OIL</th><th>SLUDGE</th><th>OTHER :</th></tr></thead><tbody><tr><td>31</td><td>BG-3</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>9:52</td><td>9:52</td><td></td><td></td><td></td></tr><tr><td>32</td><td>BG-4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>9:54</td><td>9:54</td><td></td><td></td><td></td></tr><tr><td>33</td><td>BG-5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>9:56</td><td>9:56</td><td></td><td></td><td></td></tr><tr><td>34</td><td>BG-6</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>9:58</td><td>9:58</td><td></td><td></td><td></td></tr></tbody></table>															(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	BTX	TPH	chloride	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	31	BG-3								9:52	9:52				32	BG-4								9:54	9:54				33	BG-5								9:56	9:56				34	BG-6								9:58	9:58			
	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	BTX	TPH	chloride																																																																												
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34	BG-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 analyses. All claims including those for negligence and any other causes 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 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 reasons or otherwise.																																																																																									
Relinquished By:		Date: <u>5/24/20</u>		Received By: <u>Uyona Muniz</u>		Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Add'l Phone #:		All Results are emailed. Please provide Email address:																																																																															
Relinquished By:		Time: <u>1452</u>		Received By:		REMARKS: <u>Bill to Devon</u>																																																																																			
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Delivered By: (Circle One)		Observed Temp. °C		Sample Condition		CHECKED BY: (Initials)		Turnaround Time: <u>Standard</u>		Bacteria (only) Sample Condition																																																																															
Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Corrected Temp. °C <u>5.5</u>		Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Thermometer ID #113		Rush <input type="checkbox"/>		Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Observed Temp. °C																																																																													
Sampler - UPS - Bus - Other:												Corrected Temp. °C																																																																													

† Cardinal cannot accept verbal changes. Please email changes to caley.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 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 horizontal line.

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
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: BRM
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
EPA METHOD 8015D: GASOLINE RANGE						Analyst: NSB
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
EPA METHOD 8021B: VOLATILES						Analyst: NSB
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
EPA METHOD 300.0: ANIONS						Analyst: MRA
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.

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

Analytical Report

Lab Order 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
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: BRM
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
EPA METHOD 8015D: GASOLINE RANGE						Analyst: NSB
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
EPA METHOD 8021B: VOLATILES						Analyst: NSB
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
EPA METHOD 300.0: ANIONS						Analyst: MRA
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.

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

Page 2 of 34

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
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: BRM
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
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	ND	60		mg/Kg	20	7/21/2020 8:26:59 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
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
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
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.

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

Analytical Report

Lab Order 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
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: BRM
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
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	580	60		mg/Kg	20	7/21/2020 8:39:23 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
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
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
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.

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

Analytical Report

Lab Order 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
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: BRM
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
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	160	60		mg/Kg	20	7/21/2020 8:51:48 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
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
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
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.

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

Analytical Report

Lab Order 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
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: BRM
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
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	81	60		mg/Kg	20	7/21/2020 9:04:12 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
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
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
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.

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

Analytical Report

Lab Order 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
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: BRM
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
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	ND	60		mg/Kg	20	7/21/2020 9:16:37 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
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
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
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.

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

Analytical Report

Lab Order 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
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: BRM
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
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	6100	300		mg/Kg	100	7/22/2020 7:08:18 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
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
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
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.

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

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Analytical Report

Lab Order 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
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: BRM
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
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	11000	600		mg/Kg	200	7/22/2020 7:20:43 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
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
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
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.

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

Analytical Report

Lab Order 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
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: BRM
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
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	4100	150		mg/Kg	50	7/22/2020 7:33:07 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
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
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
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.

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

Analytical Report

Lab Order 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
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: BRM
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
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	1000	60		mg/Kg	20	7/21/2020 10:31:03 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
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
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
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.

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

Analytical Report

Lab Order 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
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: BRM
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
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	23000	1500		mg/Kg	500	7/22/2020 8:10:21 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
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
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
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.

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

Analytical Report

Lab Order 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
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: BRM
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
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	6700	300		mg/Kg	100	7/22/2020 8:22:45 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
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
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
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.

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

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Analytical Report

Lab Order 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
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: BRM
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
EPA METHOD 300.0: ANIONS						Analyst: JMT
Chloride	4300	150		mg/Kg	50	7/22/2020 8:35:10 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
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
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
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.

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

Analytical Report

Lab Order 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
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: BRM
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
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	2300	61		mg/Kg	20	7/21/2020 11:45:29 PM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
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
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
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.

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

Analytical Report

Lab Order 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
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: BRM
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
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	1900	60		mg/Kg	20	7/22/2020 12:47:32 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
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
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
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.

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

Analytical Report

Lab Order 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
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: BRM
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
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	510	59		mg/Kg	20	7/22/2020 12:59:56 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
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
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
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.

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

Analytical Report

Lab Order 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
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: BRM
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
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	ND	60		mg/Kg	20	7/22/2020 1:12:21 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
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
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
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.

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

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Analytical Report

Lab Order 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
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: BRM
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
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	ND	60		mg/Kg	20	7/22/2020 1:24:45 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
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
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
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.

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

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Analytical Report

Lab Order 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
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: BRM
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
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	450	60		mg/Kg	20	7/22/2020 1:37:10 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
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
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
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.

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

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Analytical Report

Lab Order 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
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: BRM
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
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	2400	60		mg/Kg	20	7/22/2020 1:49:34 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
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
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
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.

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

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Analytical Report

Lab Order 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
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: BRM
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
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	1300	60		mg/Kg	20	7/22/2020 2:01:58 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
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
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
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.

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

Analytical Report

Lab Order 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
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: BRM
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
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	870	60		mg/Kg	20	7/22/2020 2:14:23 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
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
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
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.

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

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Analytical Report

Lab Order 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
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: BRM
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
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	410	60		mg/Kg	20	7/22/2020 2:51:37 AM
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst: JMR
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
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst: JMR
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.

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

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

WO#: 2007898

24-Jul-20

Client: Pima Environmental Services LLC**Project:** Jasper 32 St Com 7H

Sample ID: MB-53879	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 53879	RunNo: 70511								
Prep Date: 7/21/2020	Analysis Date: 7/21/2020	SeqNo: 2452665 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-53879	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 53879	RunNo: 70511								
Prep Date: 7/21/2020	Analysis Date: 7/21/2020	SeqNo: 2452666 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.2	90	110			

Sample ID: MB-53881	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 53881	RunNo: 70511								
Prep Date: 7/21/2020	Analysis Date: 7/21/2020	SeqNo: 2452695 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-53881	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 53881	RunNo: 70511								
Prep Date: 7/21/2020	Analysis Date: 7/21/2020	SeqNo: 2452696 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	95.2	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

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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: LCS-53863	SampType: LCS		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 53863		RunNo: 70513							
Prep Date: 7/21/2020	Analysis Date: 7/22/2020		SeqNo: 2453272		Units: %Rec					
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: MB-53863	SampType: MBLK		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: PBS	Batch ID: 53863		RunNo: 70513							
Prep Date: 7/21/2020	Analysis Date: 7/22/2020		SeqNo: 2453273		Units: %Rec					
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: 2007898-001AMS	SampType: MS		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: BG1	Batch ID: 53858		RunNo: 70513							
Prep Date: 7/21/2020	Analysis Date: 7/22/2020		SeqNo: 2453558		Units: mg/Kg					
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: 2007898-001AMSD	SampType: MSD		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: BG1	Batch ID: 53858		RunNo: 70513							
Prep Date: 7/21/2020	Analysis Date: 7/22/2020		SeqNo: 2453559		Units: mg/Kg					
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: LCS-53858	SampType: LCS		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 53858		RunNo: 70513							
Prep Date: 7/21/2020	Analysis Date: 7/22/2020		SeqNo: 2453638		Units: mg/Kg					
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: LCS-53860	SampType: LCS		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 53860		RunNo: 70513							
Prep Date: 7/21/2020	Analysis Date: 7/22/2020		SeqNo: 2453639		Units: mg/Kg					
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

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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: MB-53858	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 53858	RunNo: 70513								
Prep Date: 7/21/2020	Analysis Date: 7/22/2020	SeqNo: 2453644	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	12		10.00		124	55.1	146			

Sample ID: MB-53860	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 53860	RunNo: 70513								
Prep Date: 7/21/2020	Analysis Date: 7/22/2020	SeqNo: 2453648	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	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

Page 27 of 34

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: mb-53806	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 53806	RunNo: 70475								
Prep Date: 7/19/2020	Analysis Date: 7/20/2020	SeqNo: 2451151		Units: mg/Kg						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	890		1000		89.4	66.6	105			

Sample ID: lcs-53806	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 53806	RunNo: 70475								
Prep Date: 7/19/2020	Analysis Date: 7/20/2020	SeqNo: 2451152		Units: mg/Kg						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	19	5.0	25.00	0	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

Page 28 of 34

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: mb-53806	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 53806	RunNo: 70475								
Prep Date: 7/19/2020	Analysis Date: 7/20/2020	SeqNo: 2451184	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.1		1.000		107	80	120			

Sample ID: LCS-53806	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 53806	RunNo: 70475								
Prep Date: 7/19/2020	Analysis Date: 7/20/2020	SeqNo: 2451185	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.94	0.025	1.000	0	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.
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: mb-53807	SampType: MBLK	TestCode: EPA Method 8260B: Volatiles Short List								
Client ID: PBS	Batch ID: 53807	RunNo: 70481								
Prep Date: 7/19/2020	Analysis Date: 7/20/2020	SeqNo: 2451512			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 1,2-Dichloroethane-d4	0.53		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: lcs-53807	SampType: LCS4	TestCode: EPA Method 8260B: Volatiles Short List								
Client ID: BatchQC	Batch ID: 53807	RunNo: 70481								
Prep Date: 7/19/2020	Analysis Date: 7/20/2020	SeqNo: 2451513			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.025	1.000	0	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: mb-53809	SampType: MBLK	TestCode: EPA Method 8260B: Volatiles Short List								
Client ID: PBS	Batch ID: 53809	RunNo: 70485								
Prep Date: 7/19/2020	Analysis Date: 7/21/2020	SeqNo: 2451649			Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 1,2-Dichloroethane-d4	0.50		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: Ics-53809	SampType: LCS4	TestCode: EPA Method 8260B: Volatiles Short List								
Client ID: BatchQC	Batch ID: 53809	RunNo: 70485								
Prep Date: 7/19/2020	Analysis Date: 7/20/2020	SeqNo: 2451650	Units: mg/Kg							
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: 2007898-023ams	SampType: MS4	TestCode: EPA Method 8260B: Volatiles Short List								
Client ID: S14-2	Batch ID: 53809	RunNo: 70485								
Prep Date: 7/19/2020	Analysis Date: 7/21/2020	SeqNo: 2451652	Units: mg/Kg							
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: 2007898-023amsd	SampType: MSD4	TestCode: EPA Method 8260B: Volatiles Short List								
Client ID: S14-2	Batch ID: 53809	RunNo: 70485								
Prep Date: 7/19/2020	Analysis Date: 7/21/2020	SeqNo: 2451653	Units: mg/Kg							
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: 2007898-003ams		SampType: MS4		TestCode: EPA Method 8260B: Volatiles Short List						
Client ID: BG3		Batch ID: 53807		RunNo: 70527						
Prep Date: 7/19/2020		Analysis Date: 7/22/2020		SeqNo: 2453874		Units: mg/Kg				
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: 2007898-003amsd		SampType: MSD4		TestCode: EPA Method 8260B: Volatiles Short List						
Client ID: BG3		Batch ID: 53807		RunNo: 70527						
Prep Date: 7/19/2020		Analysis Date: 7/22/2020		SeqNo: 2453875		Units: mg/Kg				
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: mb-53807	SampType: MBLK			TestCode: EPA Method 8015D Mod: Gasoline Range						
Client ID: PBS	Batch ID: 53807			RunNo: 70481						
Prep Date: 7/19/2020	Analysis Date: 7/20/2020			SeqNo: 2451539		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	490		500.0		98.3	70	130			

Sample ID: lcs-53807	SampType: LCS			TestCode: EPA Method 8015D Mod: Gasoline Range						
Client ID: LCSS	Batch ID: 53807			RunNo: 70481						
Prep Date: 7/19/2020	Analysis Date: 7/20/2020			SeqNo: 2451540		Units: mg/Kg				
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: mb-53809	SampType: MBLK			TestCode: EPA Method 8015D Mod: Gasoline Range						
Client ID: PBS	Batch ID: 53809			RunNo: 70485						
Prep Date: 7/19/2020	Analysis Date: 7/21/2020			SeqNo: 2451618		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	530		500.0		106	70	130			

Sample ID: lcs-53809	SampType: LCS			TestCode: EPA Method 8015D Mod: Gasoline Range						
Client ID: LCSS	Batch ID: 53809			RunNo: 70485						
Prep Date: 7/19/2020	Analysis Date: 7/20/2020			SeqNo: 2451619		Units: mg/Kg				
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: 2007898-004ams	SampType: MS			TestCode: EPA Method 8015D Mod: Gasoline Range						
Client ID: S1-0-6"	Batch ID: 53807			RunNo: 70527						
Prep Date: 7/19/2020	Analysis Date: 7/22/2020			SeqNo: 2454051		Units: mg/Kg				
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: 2007898-004amsd	SampType: MSD			TestCode: EPA Method 8015D Mod: Gasoline Range						
Client ID: S1-0-6"	Batch ID: 53807			RunNo: 70527						
Prep Date: 7/19/2020	Analysis Date: 7/22/2020			SeqNo: 2454052		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

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

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

Page 33 of 34

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: 2007898-004amsd	SampType: MSD	TestCode: EPA Method 8015D Mod: Gasoline Range								
Client ID: S1-0-6"	Batch ID: 53807	RunNo: 70527								
Prep Date: 7/19/2020	Analysis Date: 7/22/2020	SeqNo: 2454052	Units: mg/Kg							
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	

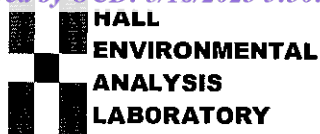
Sample ID: 2007898-024ams	SampType: MS	TestCode: EPA Method 8015D Mod: Gasoline Range								
Client ID: S14-3'	Batch ID: 53809	RunNo: 70577								
Prep Date: 7/19/2020	Analysis Date: 7/23/2020	SeqNo: 2455082	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit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

Sample ID: 2007898-024amsd	SampType: MSD	TestCode: EPA Method 8015D Mod: Gasoline Range								
Client ID: S14-3'	Batch ID: 53809	RunNo: 70577								
Prep Date: 7/19/2020	Analysis Date: 7/23/2020	SeqNo: 2455083	Units: mg/Kg							
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

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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

I-OK

Completed By: Isaiah Ortiz

7/17/2020 11:22:16 AM

I-OK

Reviewed By: LB

7/17/20

Chain of Custody

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

Log In

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

of preserved
bottles checked
for pH:
(<2 or >12 unless noted)

Adjusted? _____

Checked by: SPA 7.17.20

Special Handling (if applicable)

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

Person Notified: _____

Date: _____

By Whom: _____

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	4.5	Good	Not Present			

Chain-of-Custody Record

Client: Pima Environmental

Mailing Address: 1601 N. Turner St. 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)

Sampler:

On Ice ☐ Dry Vial ☐ No

of Coolers:

Cooler Temp (including chiller): 35.0 (F) / 3.0 (C)

Container Type and #

Preservative Type

HEAL No.

7/5/20

B61

B62

B63

S1-0-6"

S2-0-6"

S3-0-6"

S4-0-6"

S5-0-6"

S6-0-6"

S6-1'

S7-0-6"

S8-0-6"

S8-0-6"

S8-0-6"

S8-0-6"

S8-0-6"

S8-0-6"

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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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Sample Summary

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

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

Reported:
10/3/2022 3:49:50PM

S5 1'

E209142-01

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

Reported:
10/3/2022 3:49:50PM

S5 2'

E209142-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
10/3/2022 3:49:50PM

S5 3'

E209142-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
10/3/2022 3:49:50PM

S5 4'

E209142-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
10/3/2022 3:49:50PM

S6 3'

E209142-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
10/3/2022 3:49:50PM

S6 4'

E209142-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
10/3/2022 3:49:50PM

S7 1'

E209142-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
10/3/2022 3:49:50PM

S7 2'

E209142-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
10/3/2022 3:49:50PM

S7 3'

E209142-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
10/3/2022 3:49:50PM

S7 4'

E209142-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
10/3/2022 3:49:50PM

S8 3'

E209142-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
10/3/2022 3:49:50PM

S8 4'

E209142-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
10/3/2022 3:49:50PM

S9 1'

E209142-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
10/3/2022 3:49:50PM

S9 2'

E209142-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
10/3/2022 3:49:50PM

S9 3'

E209142-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
10/3/2022 3:49:50PM

S9 4'

E209142-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
10/3/2022 3:49:50PM

SW1

E209142-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
10/3/2022 3:49:50PM

SW2

E209142-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
10/3/2022 3:49:50PM

SW3

E209142-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
10/3/2022 3:49:50PM

SW4

E209142-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		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	
Nonhalogenated Organics by EPA 8015D - GRO		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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		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	
Anions by EPA 300.0/9056A		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

Reported:
10/3/2022 3:49:50PM

BG1

E209142-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	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	
Surrogate: Bromofluorobenzene	97.3 %	70-130		09/26/22	09/26/22	
Surrogate: 1,2-Dichloroethane-d4	93.0 %	70-130		09/26/22	09/26/22	
Surrogate: Toluene-d8	105 %	70-130		09/26/22	09/26/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240001
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/26/22	09/26/22	
Surrogate: Bromofluorobenzene	97.3 %	70-130		09/26/22	09/26/22	
Surrogate: 1,2-Dichloroethane-d4	93.0 %	70-130		09/26/22	09/26/22	
Surrogate: Toluene-d8	105 %	70-130		09/26/22	09/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Surrogate: n-Nonane	80.9 %	50-200		09/27/22	09/30/22	
Anions by EPA 300.0/9056A						
	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

Reported:
10/3/2022 3:49:50PM

BG2

E209142-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	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	
Surrogate: Bromofluorobenzene	96.9 %	70-130		09/26/22	09/26/22	
Surrogate: 1,2-Dichloroethane-d4	95.8 %	70-130		09/26/22	09/26/22	
Surrogate: Toluene-d8	106 %	70-130		09/26/22	09/26/22	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2240001
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/26/22	09/26/22	
Surrogate: Bromofluorobenzene	96.9 %	70-130		09/26/22	09/26/22	
Surrogate: 1,2-Dichloroethane-d4	95.8 %	70-130		09/26/22	09/26/22	
Surrogate: Toluene-d8	106 %	70-130		09/26/22	09/26/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Surrogate: n-Nonane	83.3 %	50-200		09/27/22	09/30/22	
Anions by EPA 300.0/9056A						
	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	Project Name:	Jasper 32 #7	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/3/2022 3:49:50PM

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	Project Name:	Jasper 32 #7	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/3/2022 3:49:50PM

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-BS1)

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	Project Name:	Jasper 32 #7	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/3/2022 3:49:50PM

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	Project Name:	Jasper 32 #7	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/3/2022 3:49:50PM

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	Project Name:	Jasper 32 #7	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/3/2022 3:49:50PM

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	Project Name:	Jasper 32 #7	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/3/2022 3:49:50PM

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	Project Name:	Jasper 32 #7	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/3/2022 3:49:50PM

Anions by EPA 300.0/9056A

Analyst: KL

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

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	Project Name:	Jasper 32 #7	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	10/3/2022 3:49:50PM

Anions by EPA 300.0/9056A

Analyst: KL

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

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	Reported:
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

Page 1 of 3

Client: Pima Environmental Services Project: JACOBER 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:					Bill To: Attention: Devon Energy Address: City, State, Zip: Phone: Email: Pima Project # 24					Lab Use Only Lab Work: E-209/142 Lab Number: 01058-0007					TAT 1D 2D 3D Standard X				EPA Program CWA SDWA RCRA	
Analysis and Method DRO/DRO by 8015 GRO/DRO by 8015 BTEX by 8021 VOC by 8260 Metals 6010 Chloride 300.0 BDOC NM BDOC TX										State NM CO UT AZ TX X				Remarks						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	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.																				
Relinquished by: (Signature) <u>Adriana Benavidez</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>3:00</u>																				
Relinquished by: (Signature) <u>[Signature]</u> Date <u>9/23/22</u> Time <u>9:00</u> Received by: (Signature) <u>[Signature]</u> Date <u>9/26/22</u> Time <u>9:00</u>																				
Relinquished by: (Signature) <u>[Signature]</u> Date <u>9/23/22</u> Time <u>9:00</u> Received by: (Signature) <u>[Signature]</u> Date <u>9/26/22</u> Time <u>9:00</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.																				

Project Information

Chain of Custody

Page 2 of 3

Client: Pima Environmental Services Project: JOSEPH 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:					Bill To Attention: DEVON Energy Address: City, State, Zip Phone: Email: Pima Project #					Lab Use Only Lab Work: E 209/42 Job Number: 01058-0007					TAT 1D 2D 3D Standard CWA SDWA				EPA Program 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				Remarks						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX							
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 <u>9/23/22</u> Time <u>2:30</u> Received by: (Signature) <u>[Signature]</u> Date <u>9-23-22</u> Time <u>3:00</u>																				
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>																				
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

[illegible]

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

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

Carrier: UPSComments/ResolutionSample 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

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

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
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Office: 505-632-1881
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Cell: 505-320-4759
ljjarboe@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Jasper 32 State Com 7H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	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

Reported:
5/17/2023 12:51:37PM

CS1

E305088-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Surrogate: 4-Bromochlorobenzene-PID	95.7 %	70-130		05/16/23	05/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2320027
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	91.3 %	70-130		05/16/23	05/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Surrogate: n-Nonane	90.4 %	50-200		05/16/23	05/16/23	
Anions by EPA 300.0/9056A						
	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

Reported:
5/17/2023 12:51:37PM

CS2

E305088-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	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>	<i>96.7 %</i>	<i>70-130</i>		<i>05/16/23</i>	<i>05/16/23</i>	
Nonhalogenated Organics by EPA 8015D - GRO	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>	<i>93.1 %</i>	<i>70-130</i>		<i>05/16/23</i>	<i>05/16/23</i>	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	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>	<i>92.0 %</i>	<i>50-200</i>		<i>05/16/23</i>	<i>05/16/23</i>	
Anions by EPA 300.0/9056A	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

Reported:
5/17/2023 12:51:37PM

CS3

E305088-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
5/17/2023 12:51:37PM

CS4

E305088-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
5/17/2023 12:51:37PM

CS5

E305088-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
5/17/2023 12:51:37PM

CS6

E305088-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
5/17/2023 12:51:37PM

CS7

E305088-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
5/17/2023 12:51:37PM

CS8

E305088-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
5/17/2023 12:51:37PM

CS9

E305088-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
5/17/2023 12:51:37PM

CS10

E305088-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
5/17/2023 12:51:37PM

CS11

E305088-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
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CS12

E305088-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
5/17/2023 12:51:37PM

CS13

E305088-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
5/17/2023 12:51:37PM

CS14

E305088-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
5/17/2023 12:51:37PM

CS15

E305088-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
5/17/2023 12:51:37PM

CS16

E305088-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
5/17/2023 12:51:37PM

CS17

E305088-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
5/17/2023 12:51:37PM

CS18

E305088-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
5/17/2023 12:51:37PM

CS19

E305088-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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

Reported:
5/17/2023 12:51:37PM

CS20

E305088-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	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	
Nonhalogenated Organics by EPA 8015D - GRO						
	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	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Anions by EPA 300.0/9056A						
	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	Project Name:	Jasper 32 State Com 7H	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	5/17/2023 12:51:37PM

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

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

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: n-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: n-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: n-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: n-Nonane	42.2		50.0		84.5	50-200			



QC Summary Data

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

Anions by EPA 300.0/9056A

Analyst: RAS

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

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	Reported:
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.



Project Information

Chain of Custody

Client: Pima Environmental Services		Bill To		Lab Use Only		TAT		EPA Program	
Project: Jasper 32 State Corn 7A		Attention: Devon		Lab WO# E 305088		Job Number 0058 0057		CWA	
Project Manager: Tom Bynum		Address:				1D 2D 3D		SDWA	
Address: 5614 N. Lovington Hwy.		City, State, Zip				Analysis and Method		RCRA	
City, State, Zip Hobbs, NM, 88240		Phone:							
Phone: 580-748-1613		Email:							
Email: tom@pimaoil.com		Pima Project # 1-24-1							
Report due by:									

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 21137293

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

Sampled by: 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) Karime Adams	Date 5-15-23	Time 1715	Received by: (Signature) Michelle Campy	Date 5-15-23	Time 1400	Lab Use Only Received on ice: Y / N T1 T2 T3 AVG Temp °C 4.0
Relinquished by: (Signature) Michelle Campy	Date 5-15-23	Time 1715	Received by: (Signature) Andrew Messo	Date 5-15-23	Time 1730	
Relinquished by: (Signature) Andrew Messo	Date 5-15-23	Time 2330	Received by: (Signature) Irene Ziegler	Date 05/16/23	Time 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.

Project Information

Chain of Custody

Client: Pima Environmental Services
Project: Super 32 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>X</u>					
Analysis and Method							RCRA
							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
8:50	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)	Date	Time	Received by: (Signature)	Date	Time
<u>Kerrine Abene</u>			<u>Michelle Gough</u>	<u>5-15-23</u>	<u>1400</u>
<u>Michelle Gough</u>	<u>5-15-23</u>	<u>1715</u>	<u>Andrew Russo</u>	<u>5-15-23</u>	<u>1730</u>
<u>Andrew Russo</u>	<u>5-15-23</u>	<u>2330</u>	<u>Devon Ziegler</u>	<u>5/16/23</u>	<u>7:20</u>

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.

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

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

Carrier: CourierComments/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

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

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

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Sample Summary

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

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	Reported: 5/16/2023 4:22:05PM
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CS21

E305089-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	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	
Surrogate: Bromofluorobenzene	108 %	70-130		05/16/23	05/16/23	
Surrogate: 1,2-Dichloroethane-d4	96.6 %	70-130		05/16/23	05/16/23	
Surrogate: Toluene-d8	107 %	70-130		05/16/23	05/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
Surrogate: Bromofluorobenzene	108 %	70-130		05/16/23	05/16/23	
Surrogate: 1,2-Dichloroethane-d4	96.6 %	70-130		05/16/23	05/16/23	
Surrogate: Toluene-d8	107 %	70-130		05/16/23	05/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Surrogate: n-Nonane	92.4 %	50-200		05/16/23	05/16/23	
Anions by EPA 300.0/9056A						
	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

Reported:
5/16/2023 4:22:05PM

CS22

E305089-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	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	
Surrogate: Bromofluorobenzene		103 %	70-130	05/16/23	05/16/23	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130	05/16/23	05/16/23	
Surrogate: Toluene-d8		107 %	70-130	05/16/23	05/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
Surrogate: Bromofluorobenzene		103 %	70-130	05/16/23	05/16/23	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130	05/16/23	05/16/23	
Surrogate: Toluene-d8		107 %	70-130	05/16/23	05/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Surrogate: n-Nonane		89.3 %	50-200	05/16/23	05/16/23	
Anions by EPA 300.0/9056A						
	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

Reported:
5/16/2023 4:22:05PM

CS23

E305089-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	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	
Surrogate: Bromofluorobenzene		105 %	70-130	05/16/23	05/16/23	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130	05/16/23	05/16/23	
Surrogate: Toluene-d8		107 %	70-130	05/16/23	05/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
Surrogate: Bromofluorobenzene		105 %	70-130	05/16/23	05/16/23	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130	05/16/23	05/16/23	
Surrogate: Toluene-d8		107 %	70-130	05/16/23	05/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Surrogate: n-Nonane		99.4 %	50-200	05/16/23	05/16/23	
Anions by EPA 300.0/9056A						
	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

Reported:
5/16/2023 4:22:05PM

CS24

E305089-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	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	
Surrogate: Bromofluorobenzene	99.1 %	70-130		05/16/23	05/16/23	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		05/16/23	05/16/23	
Surrogate: Toluene-d8	99.6 %	70-130		05/16/23	05/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
Surrogate: Bromofluorobenzene	99.1 %	70-130		05/16/23	05/16/23	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		05/16/23	05/16/23	
Surrogate: Toluene-d8	99.6 %	70-130		05/16/23	05/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Surrogate: n-Nonane	94.3 %	50-200		05/16/23	05/16/23	
Anions by EPA 300.0/9056A						
	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

Reported:
5/16/2023 4:22:05PM

CS25

E305089-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	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	
Surrogate: Bromofluorobenzene	98.7 %	70-130		05/16/23	05/16/23	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		05/16/23	05/16/23	
Surrogate: Toluene-d8	99.6 %	70-130		05/16/23	05/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
Surrogate: Bromofluorobenzene	98.7 %	70-130		05/16/23	05/16/23	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		05/16/23	05/16/23	
Surrogate: Toluene-d8	99.6 %	70-130		05/16/23	05/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Surrogate: n-Nonane	105 %	50-200		05/16/23	05/16/23	
Anions by EPA 300.0/9056A						
	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

Reported:
5/16/2023 4:22:05PM

CS26

E305089-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	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	
Surrogate: Bromofluorobenzene		100 %	70-130	05/16/23	05/16/23	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	05/16/23	05/16/23	
Surrogate: Toluene-d8		98.4 %	70-130	05/16/23	05/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
Surrogate: Bromofluorobenzene		100 %	70-130	05/16/23	05/16/23	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	05/16/23	05/16/23	
Surrogate: Toluene-d8		98.4 %	70-130	05/16/23	05/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Surrogate: n-Nonane		105 %	50-200	05/16/23	05/16/23	
Anions by EPA 300.0/9056A						
	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

Reported:
5/16/2023 4:22:05PM

CSW1

E305089-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	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	
Surrogate: Bromofluorobenzene		101 %	70-130	05/16/23	05/16/23	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130	05/16/23	05/16/23	
Surrogate: Toluene-d8		99.3 %	70-130	05/16/23	05/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
Surrogate: Bromofluorobenzene		101 %	70-130	05/16/23	05/16/23	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130	05/16/23	05/16/23	
Surrogate: Toluene-d8		99.3 %	70-130	05/16/23	05/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Surrogate: n-Nonane		102 %	50-200	05/16/23	05/16/23	
Anions by EPA 300.0/9056A						
	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

Reported:
5/16/2023 4:22:05PM

CSW2

E305089-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	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	
Surrogate: Bromofluorobenzene	99.8 %	70-130		05/16/23	05/16/23	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		05/16/23	05/16/23	
Surrogate: Toluene-d8	98.4 %	70-130		05/16/23	05/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
Surrogate: Bromofluorobenzene	99.8 %	70-130		05/16/23	05/16/23	
Surrogate: 1,2-Dichloroethane-d4	106 %	70-130		05/16/23	05/16/23	
Surrogate: Toluene-d8	98.4 %	70-130		05/16/23	05/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Surrogate: n-Nonane	105 %	50-200		05/16/23	05/16/23	
Anions by EPA 300.0/9056A						
	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

Reported:
5/16/2023 4:22:05PM

CSW3

E305089-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	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	
Surrogate: Bromofluorobenzene		101 %	70-130	05/16/23	05/16/23	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	05/16/23	05/16/23	
Surrogate: Toluene-d8		99.4 %	70-130	05/16/23	05/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
Surrogate: Bromofluorobenzene		101 %	70-130	05/16/23	05/16/23	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	05/16/23	05/16/23	
Surrogate: Toluene-d8		99.4 %	70-130	05/16/23	05/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Surrogate: n-Nonane		106 %	50-200	05/16/23	05/16/23	
Anions by EPA 300.0/9056A						
	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

Reported:
5/16/2023 4:22:05PM

CSW4

E305089-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	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	
Surrogate: Bromofluorobenzene		101 %	70-130	05/16/23	05/16/23	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	05/16/23	05/16/23	
Surrogate: Toluene-d8		99.2 %	70-130	05/16/23	05/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
Surrogate: Bromofluorobenzene		101 %	70-130	05/16/23	05/16/23	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	05/16/23	05/16/23	
Surrogate: Toluene-d8		99.2 %	70-130	05/16/23	05/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Surrogate: n-Nonane		103 %	50-200	05/16/23	05/16/23	
Anions by EPA 300.0/9056A						
	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

Reported:
5/16/2023 4:22:05PM

CSW5

E305089-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	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	
Surrogate: Bromofluorobenzene		102 %	70-130	05/16/23	05/16/23	
Surrogate: 1,2-Dichloroethane-d4		93.9 %	70-130	05/16/23	05/16/23	
Surrogate: Toluene-d8		106 %	70-130	05/16/23	05/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
Surrogate: Bromofluorobenzene		102 %	70-130	05/16/23	05/16/23	
Surrogate: 1,2-Dichloroethane-d4		93.9 %	70-130	05/16/23	05/16/23	
Surrogate: Toluene-d8		106 %	70-130	05/16/23	05/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Surrogate: n-Nonane		108 %	50-200	05/16/23	05/16/23	
Anions by EPA 300.0/9056A						
	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

Reported:
5/16/2023 4:22:05PM

CSW6

E305089-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	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	
Surrogate: Bromofluorobenzene		102 %	70-130	05/16/23	05/16/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	05/16/23	05/16/23	
Surrogate: Toluene-d8		107 %	70-130	05/16/23	05/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
Surrogate: Bromofluorobenzene		102 %	70-130	05/16/23	05/16/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	05/16/23	05/16/23	
Surrogate: Toluene-d8		107 %	70-130	05/16/23	05/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Surrogate: n-Nonane		107 %	50-200	05/16/23	05/16/23	
Anions by EPA 300.0/9056A						
	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

Reported:
5/16/2023 4:22:05PM

CSW7

E305089-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	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	
Surrogate: Bromofluorobenzene		107 %	70-130	05/16/23	05/16/23	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130	05/16/23	05/16/23	
Surrogate: Toluene-d8		105 %	70-130	05/16/23	05/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
Surrogate: Bromofluorobenzene		107 %	70-130	05/16/23	05/16/23	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130	05/16/23	05/16/23	
Surrogate: Toluene-d8		105 %	70-130	05/16/23	05/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Surrogate: n-Nonane		105 %	50-200	05/16/23	05/16/23	
Anions by EPA 300.0/9056A						
	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

Reported:
5/16/2023 4:22:05PM

CSW8

E305089-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	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	
Surrogate: Bromofluorobenzene		105 %	70-130	05/16/23	05/16/23	
Surrogate: 1,2-Dichloroethane-d4		95.6 %	70-130	05/16/23	05/16/23	
Surrogate: Toluene-d8		107 %	70-130	05/16/23	05/16/23	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2320025
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/16/23	05/16/23	
Surrogate: Bromofluorobenzene		105 %	70-130	05/16/23	05/16/23	
Surrogate: 1,2-Dichloroethane-d4		95.6 %	70-130	05/16/23	05/16/23	
Surrogate: Toluene-d8		107 %	70-130	05/16/23	05/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	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	
Surrogate: n-Nonane		105 %	50-200	05/16/23	05/16/23	
Anions by EPA 300.0/9056A						
	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	Reported:
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: Jasper 32 State Corn 7H		Attention: Devon		Lab WO# E 305084		Job Number 01058-0007		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Tom Bynum		Address:		Analysis and Method									
Address: 5614 N. Lovington Hwy.		City, State, Zip		DRO/ORO by 8015		GRO/DRO by 8015		BTEX by 8021		VOC by 8260		Metals 6010	
City, State, Zip Hobbs, NM, 88240		Phone:										Chloride 300.0	
Phone: 580-748-1613		Email:										BGDOC NM	
Email: tom@pimaoil.com		Pima Project # 1.24-1										BGDOC TX	
Report due by:												State	
												NM CO UT AZ TX	
												Remarks	

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
9:40	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:

BH 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)	Date	Time	Received by: (Signature)	Date	Time	Lab Use Only Received on ice: Y/ N T1 T2 T3 AVG Temp °C 4.0
Karime Adame			Michelle Gentry	5-15-23	1400	
Michelle Gentry	5-15-23	1715	Andrew Messo	5-15-23	1730	
Andrew Messo	5-15-23	2330	Quem 3282	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.

Client: Pima Environmental Services		Bill To	Lab Use Only						TAT				EPA Program					
Project: Jasper 32 State Com 7H		Attention: Devon	Lab WO#		Job Number		1D	2D	3D	Standard	CWA	SDWA						
Project Manager: Tom Bynum		Address:	E 305089		Q158-0057		X											
Address: 5614 N. Lovington Hwy.		City, State, Zip	Analysis and Method											RCRA				
City, State, Zip Hobbs, NM, 88240		Phone:																
Phone: 580-748-1613		Email:											State					
Email: tom@pimaoil.com			O by 8015	O by 8015	8021	4260	8010	300.0		NM	TX	NM	CO	UT	AZ	TX		
Report due by:		Pima Project # 1-24-1											X					

[illegible]

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.E.

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) <i>Karin Adams</i>	Date	Time	Received by: (Signature) <i>Michelle Kumpke</i>	Date 5-15-23	Time 1400	Lab Use Only Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4.0</u>
Relinquished by: (Signature) <i>Michelle Kumpke</i>	Date 5-15-23	Time 1715	Received by: (Signature) <i>Andrew M...</i>	Date 5-15-23	Time 1730	
Relinquished by: (Signature) <i>Andrew M...</i>	Date 5-15-23	Time 2330	Received by: (Signature) <i>Shawn ...</i>	Date 5/16/23	Time 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

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

Carrier: CourierComments/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

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