



October 17, 2022

NMOCD District 2
 Mr. Mike Bratcher
 Artesia, NM 88210

**Re: Site Assessment, Remediation, and Closure Report
 Paloma State #1
 API No. 30-025-31153
 GPS: Latitude 32.6973678 Longitude -103.716568
 UL "O", Sec. 36, T18S, R32E
 Eddy County, NM
 NMOCD Ref. No. NJXK1523953591**

Paragon Environmental, LLC (Paragon) has been contracted by Strata Production Company (Strata) to perform a spill assessment and remediation activities for the Release Site known as the Paloma St #1 (Paloma). Details of the release are summarized below:

Release Details			
Type of Release:	Oil	Volume of Release:	110 bbls
		Volume Recovered:	0 bbls
Source of Release:	Tanks	Date of Release:	8/25/15
Was Immediate Notice Given?	Yes	If, Yes, to Whom?	Thomas Oberding, NMOCD
Was a Watercourse Reached?	No	If Yes, Volume Impacting Watercourse:	N/A
Surface Owner:	State	Mineral Owner:	
<p>On 8-25-15, there was a lightning strike at the battery that resulted in the tank battery catching on fire and burning to the ground.</p>			

Topographical and Aerial Maps are provided as Figures #3 and #4. A copy of the Initial Release Notification and Corrective Action (NMOCD Form C-141) can be found in Appendix C.

REGULATORY FRAMEWORK

Surface impacts from unauthorized releases of any fluids or gases are generally regulated by the New Mexico Oil Conservation Division (NMOCD) in accordance with 19.15.29 of the New Mexico Administrative Code (NMAC). 19.15.29 NMAC establishes reporting, site assessment/characterization, remediation, closure, variance, and enforcement procedures. Table I of 19.15.29.12 NMAC determines the closure criteria for soils impacted by a release based on depth to groundwater and the following characteristics:

Site Characteristics	
Approximate Depth to Groundwater	<50'
Within 330 ft. of any continuously flowing or significant watercourse?	NO
Within 200 ft. of any lakebed, sinkhole, or playa lake?	NO
Within 300 ft. of an occupied permanent residence, school, hospital, or institution?	NO
Within 500 ft. of a spring, or private, domestic fresh water well?	NO
Within 1000 ft. of any fresh water well?	NO
Within the incorporated municipal boundaries or within a municipal well field?	NO
Within 300 ft. of a wetland?	NO
Within the area overlying a subsurface mine?	NO
Within an unstable area such as Karst?	NO
Within a 100-year floodplain?	NO

A search of the groundwater database maintained by the New Mexico Office of the State Engineer (NMOSE) was conducted to determine the average depth to groundwater within one (1) Mile radius of the Release Site and identify any registered water wells within ½ Mile of the Release Site. The State rejected the initial data that was identified, it was determined to follow closure criteria of depth to groundwater of less than 50 feet to expedite the closure of this incident.

Depth to groundwater information is provided in Appendix A.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is in the 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 (QP). The soil in this area is made up of Kermit-Palomas fine sands, 0 to 12 percent slopes, according to the United States Department of Agriculture Natural Resources Conservation Service. The drainage courses in this area are excessively-drained. There is a mild potential for karst geology to be present around the Paloma (Figure 3).

The Soil Survey and FEMA Flood Map are provided in Appendix B. A Karst Map is provided in Figure 2.

TABLE I CLOSURE CRITERIA FOR SOILS IMPACTED BY A RELEASE			
	Constituent	Method	Limit
51-100 Feet	Chloride	EPA 300.0	600 mg/kg
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	100 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg

INITIAL SITE ASSESSMENT & SOIL SAMPLING EVENT

On September 26, 2022, Paragon conducted an additional site assessment with samples to a depth of 4 feet BGS, as requested by the NMOCD. During the initial site assessment, twelve (12) soil sample locations were collected in an effort to determine the vertical and horizontal extent of soil impact. These samples were collected in accordance with NMAC 19.15.29 and submitted to an approved laboratory for analysis. A table summarizing laboratory analytical results from soil samples collected during the above-stated activities is provided below:

9-26-22 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is >100')								
Sample Date	9-26-22	Closure Criteria ≤50 mg/kg	Closure Criteria ≤10 mg/kg				Closure Criteria 100 mg/kg	Closure Criteria 600 mg/kg
Sample ID	Depth (BGS)	BTEX	Benzene	GRD	DRO	MRO	Total TPH	CHLORIDES
S-1	SURFACE	ND	ND	ND	178	157	335	32
	1'	ND	ND	ND	ND	10.1	10.1	32
	2'	ND	ND	ND	ND	ND	ND	64
	3'	ND	ND	ND	ND	ND	ND	96
	4'	ND	ND	ND	ND	ND	ND	224
S-2	SURFACE	ND	ND	ND	ND	ND	ND	48
	1'	ND	ND	ND	23.8	38.4	62.2	48
	2'	ND	ND	ND	23.5	25.4	48.9	32
	3'	ND	ND	ND	12.6	11.9	24.5	32
	4'	ND	ND	ND	ND	ND	ND	112
S-3	SURFACE	ND	ND	ND	ND	ND	ND	16
	1'	ND	ND	ND	ND	ND	ND	16
	2'	ND	ND	ND	ND	ND	ND	16
	3'	ND	ND	ND	ND	ND	ND	32
	4'	ND	ND	ND	ND	ND	ND	16
S-4	SURFACE	ND	ND	ND	64.7	48.1	112.8	16
	1'	ND	ND	ND	28.5	23.6	52.1	32
	2'	ND	ND	ND	112	90.3	202.3	48
	3'	ND	ND	ND	ND	ND	ND	48
	4'	ND	ND	ND	ND	ND	ND	32
S-5	SURFACE	ND	ND	ND	16.7	15.3	32	16
	1'	ND	ND	ND	14.3	ND	14.3	ND
	2'	ND	ND	ND	ND	ND	ND	32
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
S-6	SURFACE	ND	ND	ND	44.3	42.1	86.4	ND
	1'	ND	ND	ND	514	267	781	16
	2'	ND	ND	ND	43.7	42.2	85.9	ND
	3'	ND	ND	ND	26.8	22.3	49.1	32
	4'	ND	ND	ND	37.2	28.6	65.8	32
S-7	SURFACE	ND	ND	ND	220	141	361	16
	1'	ND	ND	ND	80.3	52.9	133.2	32
	2'	ND	ND	ND	48	40.6	88.6	ND
	3'	ND	ND	ND	ND	ND	ND	ND
	4'	ND	ND	ND	ND	ND	ND	ND
S-8	SURFACE	ND	ND	ND	65.8	70.7	136.5	ND
	1'	ND	ND	ND	ND	ND	ND	16
	2'	ND	ND	ND	22.1	17.8	39.9	16
	3'	ND	ND	ND	37.2	36	73.2	ND
	4'	ND	ND	ND	ND	ND	ND	32
S-9	SURFACE	ND	ND	ND	ND	ND	ND	16
	1'	ND	ND	ND	ND	ND	ND	80
	2'	ND	ND	ND	40.6	57.7	98.3	32
	3'	ND	ND	ND	27.7	32.5	60.2	32
	4'	ND	ND	ND	31.1	37.2	68.3	32
S-10	SURFACE	ND	ND	ND	ND	ND	ND	48
	1'	ND	ND	ND	ND	ND	ND	32
	2'	ND	ND	ND	196	210	406	64
	3'	ND	ND	ND	ND	ND	ND	32
	4'	ND	ND	ND	ND	ND	ND	32
S-11	SURFACE	ND	ND	ND	ND	ND	ND	48
	1'	ND	ND	ND	ND	ND	ND	80
	2'	ND	ND	ND	ND	ND	ND	32
	3'	ND	ND	ND	ND	ND	ND	48
	4'	ND	ND	ND	ND	ND	ND	48
S-12	SURFACE	ND	ND	ND	ND	ND	ND	16
	1'	ND	ND	ND	ND	ND	ND	16
	2'	ND	ND	ND	519	351	870	16
	3'	ND	ND	ND	ND	ND	ND	32
	4'	ND	ND	ND	ND	ND	ND	64

ND-Analyte Not Detected

Laboratory analytical reports are provided in Appendix E. A Site Map is provided in Figure 1.

REMEDIATION ACTIVITIES

On October 10, 2022, Paragon mobilized personnel and equipment to conduct remedial activities. Based on the analytical results, site characteristics, and field observations made during the site assessment, the following remedial activities were conducted to advance the Release Site toward an NMOCD:

- Utilizing mechanical equipment, we excavated the impacted soils that were above the NMOCD Closure Criteria in the areas categorized by the soil sample results shown in the data table above.
- At S-1 and S-8, the top 1-foot of material was removed.
- The area in S-4, the top 1-foot, was removed and placed with the contaminated soil. Then the section from 1-2-feet was excavated and set to the side with the clean material. We then excavated from 2-3-feet, and that material was placed in the disposal pile.
- In the area of S-6, we removed the top foot and placed it in the clean pile. We then excavated 1-2-feet and disposed of this material.
- In the area of S-7, we removed the top 2 feet and disposed of this material.
- In the areas of S-10 and S-12, we removed the top 2 feet of material and placed them with the clean material. We then excavated the 2-3 foot section and disposed of this material.
- The sidewalls of the excavation were advanced to the clean sections that were originally sampled, serving as additional sidewall samples. Confirmation soil samples indicated that concentrations were below NMOCD Closure Criteria. Email notification that these samples were being obtained can be found in Appendix D. See the data table below:

10-12-22 Confirmation Soil Sample Results

Sample Date 10-12-22		Closure Criteria ≤ 50 mg/kg	Closure Criteria ≤ 10 mg/kg				Closure Criteria 100 mg/kg	Closure Criteria 600 mg/kg
Sample ID	Depth (BGS)	BTEX	Benzene	GRQ	DRO	MRO	Total TPH	CHLORIDES
S-1 SW Comp	1'	ND	ND	ND	ND	ND	ND	32
S-1 Bottom Comp	1'	ND	ND	ND	ND	ND	ND	ND
S-4 SW Comp	3'	ND	ND	ND	ND	ND	ND	80
S-4 Bottom Comp	3'	ND	ND	ND	ND	ND	ND	ND
S-6 SW Comp	2'	ND	ND	ND	ND	ND	ND	ND
S-6 Bottom Comp	2'	ND	ND	ND	ND	ND	ND	ND
S-7 SW Comp	2'	ND	ND	ND	ND	ND	ND	ND
S-7 Bottom Comp	2'	ND	ND	ND	ND	ND	ND	80
S-8 SW Comp	1'	ND	ND	ND	ND	ND	ND	ND
S-8 Bottom Comp	1'	ND	ND	ND	ND	ND	ND	ND
S-10 SW Comp	3'	ND	ND	ND	ND	ND	ND	80
S-10 Bottom Comp	3'	ND	ND	ND	ND	ND	ND	32
S-12 SW Comp	3'	ND	ND	ND	ND	ND	ND	48
S-12 Bottom Comp	3'	ND	ND	ND	ND	ND	ND	64

ND- Analyte Not Detected

- Excavated soils were temporarily stockpiled on-site atop a poly liner. They were then transported to Lea Land, an NMOCD-approved waste disposal facility.
- After receiving laboratory analytical results below the closure criteria, the excavated areas were backfilled with locally obtained “like” material. The affected area was then contoured and machine compacted to match the surrounding grade.

CLOSURE REQUEST

After careful review, Paragon requests that this incident, NJXK152353591, be closed. Strata Production Company has complied with the applicable closure requirements set forth in rule 19.15.19.12 NMAC.

If you have any questions or if need additional information is required, please feel free to contact Chris Jones by phone or email.

Respectfully,



Chris Jones
Environmental Professional
Paragon Environmental, LLC

Attachments

Figures:

- 1- Site Map
- 2- Topographic Map
- 3- Karst Map
- 4- Aerial Map

Appendices:

- Appendix A – Referenced Water Surveys
- Appendix B – Soil Survey and FEMA Flood Map
- Appendix C – C-141
- Appendix D – Photographic Documentation & Email Notification
- Appendix E – Laboratory Reports



Figures:

- 1- Site Map
- 2- Topo Map
- 3- Karst Map
- 4- Aerial Map

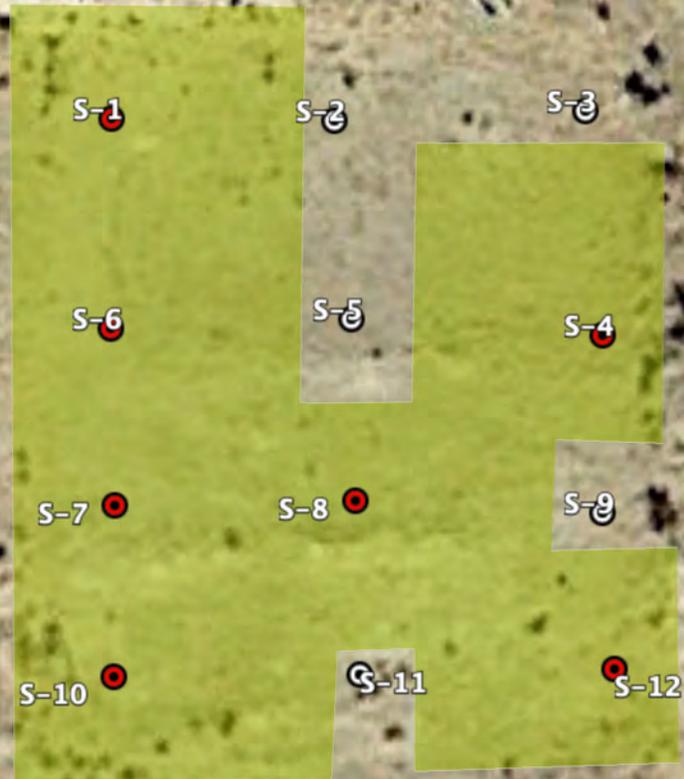
Strata Production Company

Paloma St #1
API #30-025-31153
Lea County, NM
Site Map

Legend

- Clean Samples
- Dirty Samples
- Excavation Area

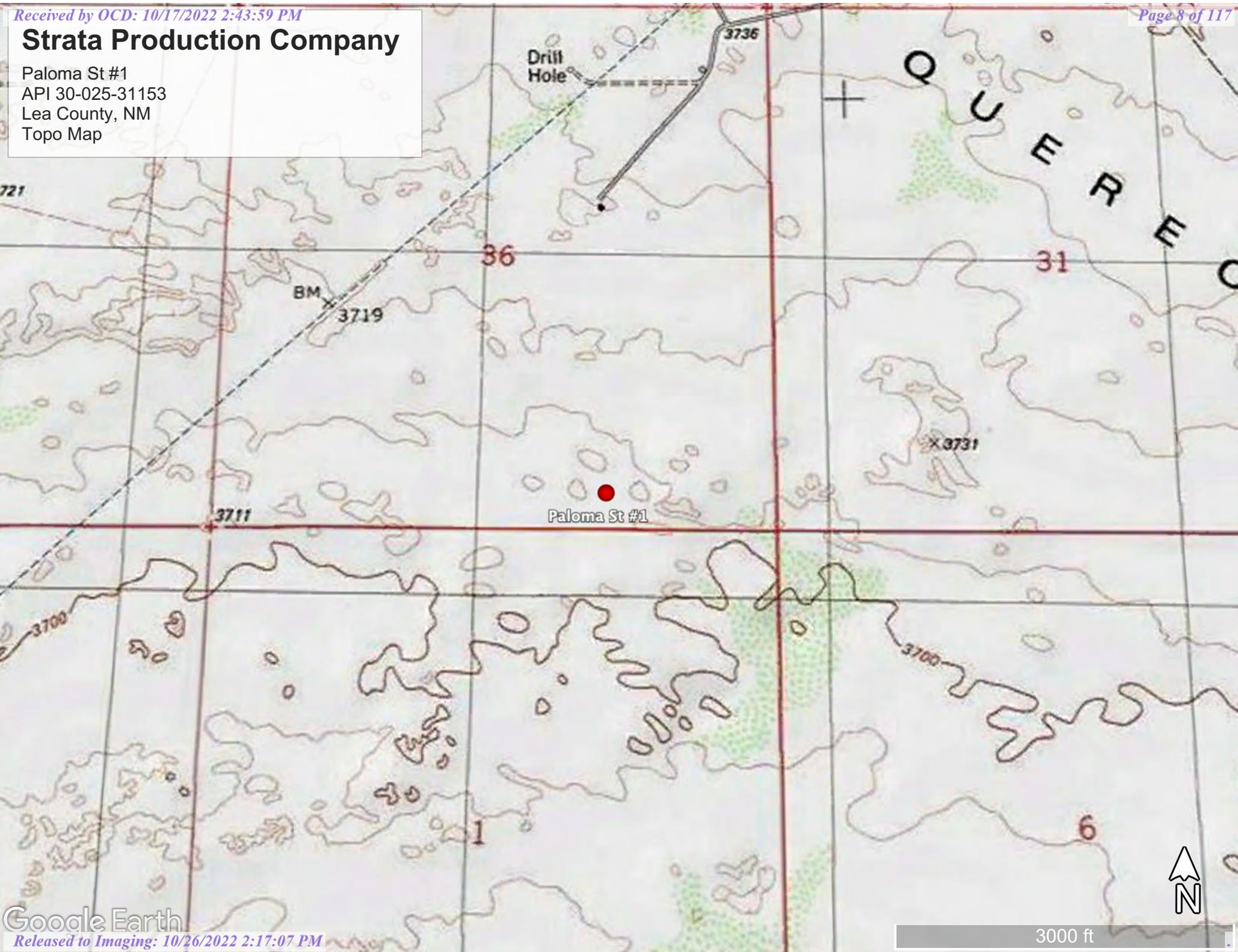
Paloma St #1



80 ft

Strata Production Company

Paloma St #1
API 30-025-31153
Lea County, NM
Topo Map



Strata Production Company

Paloma St #1
API 30-025-31153
Lea County, NM
Karst Map

Legend

-  High
-  Low
-  Medium

Maljamar

82

529

529

Paloma St #1

62

243

176



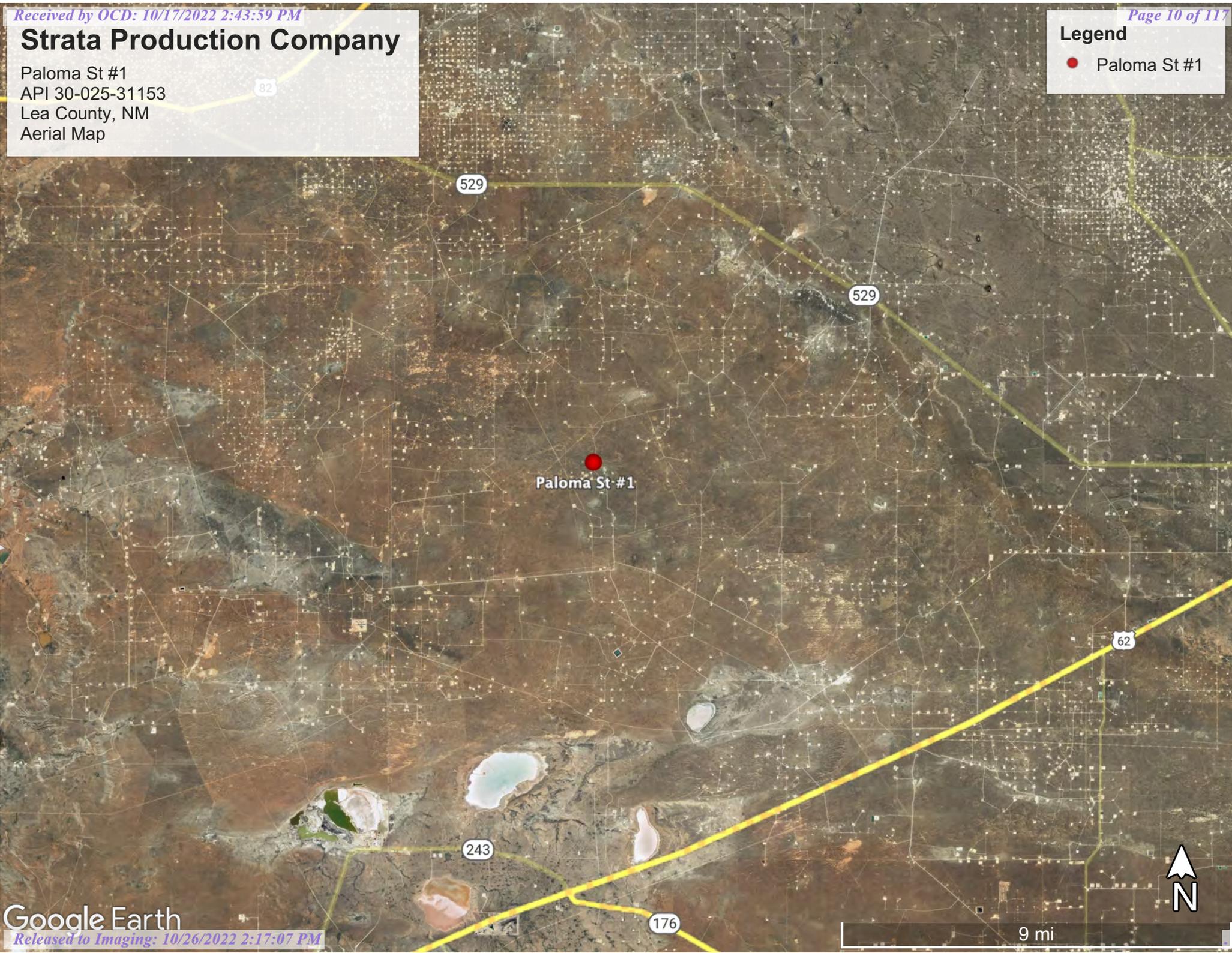
Google Earth

Strata Production Company

Paloma St #1
API 30-025-31153
Lea County, NM
Aerial Map

Legend

● Paloma St #1



Paloma St #1



Appendix A
Referenced Water Data:

New Mexico State of Engineers Office



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 00812 POD1		CP	LE	4	4	01	19S	32E		620623	3616973*	1538	200		
CP 00809 POD1		CP	LE	2	1	05	19S	33E		623048	3618206*	2750	300		
CP 01857 POD1		CP	LE	3	4	4	32	18S	33E	623693	3618622	3385			
L 03454		L	LE	2	2	30	18S	33E		622200	3621422*	3496	100	35	65

Average Depth to Water: **35 feet**

Minimum Depth: **35 feet**

Maximum Depth: **35 feet**

Record Count: 4

UTM NAD83 Radius Search (in meters):

Easting (X): 620311.28

Northing (Y): 3618479

Radius: 3500

*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.

3/8/22 12:54 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER



Appendix B
Soil Survey:

U.S.D.A.

FEMA Flood Map

Map Unit Description: Kermit-Palomas fine sands, 0 to 12 percent slopes---Lea County, New Mexico

Lea County, New Mexico

KD—Kermit-Palomas fine sands, 0 to 12 percent slopes

Map Unit Setting

National map unit symbol: dmpv
Elevation: 3,000 to 4,400 feet
Mean annual precipitation: 10 to 12 inches
Mean annual air temperature: 60 to 62 degrees F
Frost-free period: 190 to 205 days
Farmland classification: Not prime farmland

Map Unit Composition

Kermit and similar soils: 70 percent
Palomas and similar soils: 20 percent
Minor components: 10 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Kermit

Setting

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

Typical profile

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

Properties and qualities

Slope: 3 to 12 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Excessively drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): Very high (20.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Maximum salinity: Nonsaline (0.0 to 1.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: Low (about 3.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7e

Map Unit Description: Kermit-Palomas fine sands, 0 to 12 percent slopes---Lea County, New Mexico

Hydrologic Soil Group: A
Ecological site: R042XC005NM - Deep Sand
Hydric soil rating: No

Description of Palomas

Setting

Landform: Dunes
Landform position (two-dimensional): Shoulder, backslope, footslope
Landform position (three-dimensional): Side slope
Down-slope shape: Concave, convex, linear
Across-slope shape: Convex
Parent material: Alluvium derived from sandstone

Typical profile

A - 0 to 16 inches: fine sand
Bt - 16 to 60 inches: sandy clay loam
Bk - 60 to 66 inches: sandy loam

Properties and qualities

Slope: 0 to 5 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 50 percent
Gypsum, maximum content: 1 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: Moderate (about 7.5 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: B
Ecological site: R042XC003NM - Loamy Sand
Hydric soil rating: No

Minor Components

Maljamar

Percent of map unit: 4 percent
Ecological site: R042XC003NM - Loamy Sand
Hydric soil rating: No

Pyote

Percent of map unit: 4 percent

Map Unit Description: Kermit-Palomas fine sands, 0 to 12 percent slopes---Lea County, New Mexico

Ecological site: R042XC003NM - Loamy Sand
Hydric soil rating: No

Palomas

Percent of map unit: 1 percent
Ecological site: R042XC003NM - Loamy Sand
Hydric soil rating: No

Dune land

Percent of map unit: 1 percent
Hydric soil rating: No

Data Source Information

Soil Survey Area: Lea County, New Mexico
Survey Area Data: Version 18, Sep 10, 2021

National Flood Hazard Layer FIRMMette



103°43'18"W 32°42'6"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**
 - Cross Sections with 1% Annual Chance Water Surface Elevation
 - Coastal Transect
 - Base Flood Elevation Line (BFE)
 - Limit of Study
 - Jurisdiction Boundary
 - Coastal Transect Baseline
 - Profile Baseline
 - Hydrographic Feature
 - MAP PANELS**
 - Digital Data Available
 - No Digital Data Available
 - Unmapped
- The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

0 250 500 1,000 1,500 2,000 Feet 1:6,000 103°42'41"W 32°41'36"N

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 6/30/2022 at 7:07 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.



Appendix C:

C-141

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	NJXK1523953591
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Strata Production Company	OGRID 21712
Contact Name: Jerry Elgin	Contact Telephone: 720-468-3646
Contact email: jelgin@stratanm.com	Incident # (assigned by OCD)
Contact mailing address: PO Box 1030, Roswell, NM 88202	

Location of Release Source

Latitude 32.6973678 Longitude -103.716568
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Paloma St #1	Site Type: Production
Date Release Discovered: 8-25-15	API# 30-025-31153

Unit Letter	Section	Township	Range	County
O	36	18S	32E	Lea

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

Nature and Volume of Release

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

<input checked="" type="checkbox"/> Crude Oil	Volume Released: (110 bbls)	Volume Recovered: (bbls)
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (0 bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input checked="" 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: Lightning strike at the battery caused a tank fire to occur and burned the battery down.

State of New Mexico
Oil Conservation Division

Page 2

Incident ID	NJXK1523953591
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? The spill was greater than 25 bbls.
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If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Notification given to Tomas Oberding by Paul Ragsdale.

Initial Response

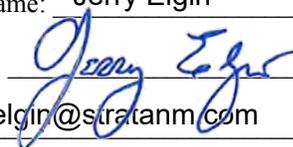
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

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

If all the actions described above have not been undertaken, explain why:

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

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

Printed Name: Jerry Elgin Title: Vice President Operations
 Signature:  Date: 10/17/2022
 email: jelgin@stratanm.com Telephone: (575) 622-1127, ext 18

OCD Only
 Received by: _____ Date: _____

Incident ID	NJXK1523953591
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?	35 (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- Field data
- Data table of soil contaminant concentration data
- Depth to water determination
- Determination of water sources and significant watercourses within 1/2-mile of the lateral extents of the release
- Boring or excavation logs
- Photographs including date and GIS information
- Topographic/Aerial maps
- Laboratory data including chain of custody

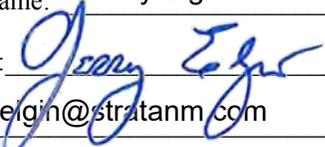
If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods,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

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	NJXK1523953591
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: Jerry Elgin Title: Vice President Operations
Signature:  Date: 10/17/2022
email: jelgin@stratanm.com Telephone: (575) 622-1127, ext 18

OCD Only

Received by: Jocelyn Harimon Date: 10/17/2022

Incident ID	NJXK1523953591
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: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

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: _____



Appendix D:

Photographic Documentation

Email Notification

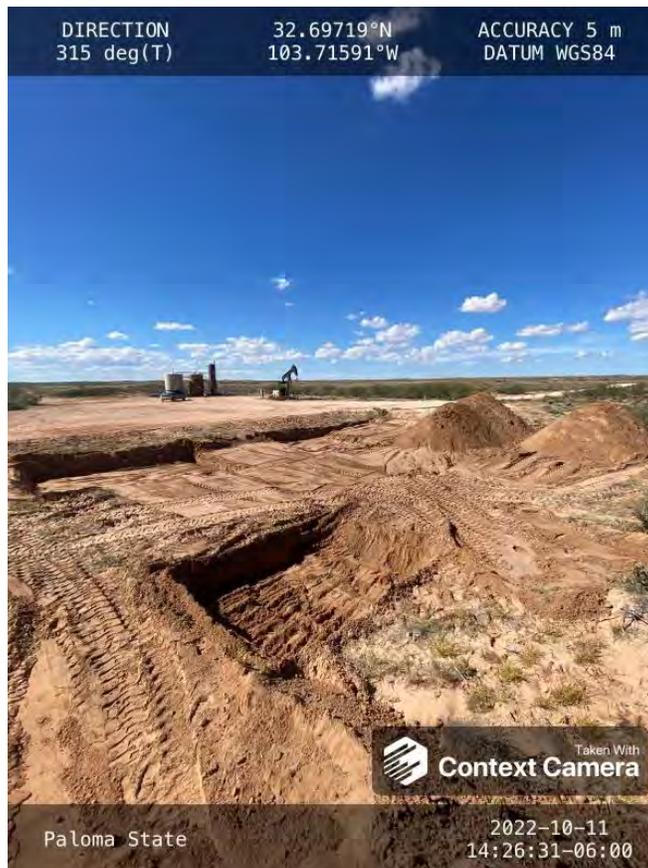


Photographic Documentation

Before the Remediation
The Area Had Vegetation Growth



During Remediation



Completed



Monday, October 17, 2022 at 10:51:44 Central Daylight Time

Subject: NJXK1523953591
Date: Tuesday, October 11, 2022 at 12:53:15 PM Central Daylight Time
From: Chris Jones
To: Bratcher, Mike, EMNRD, Nobui, Jennifer, EMNRD, Hamlet, Robert, EMNRD
Attachments: image001.jpg

All,

On behalf of Strata Production, we are remediating the areas that were still above closure criteria from the last sampling event on July 6, 2022. We will be obtaining confirmation bottom and sidewall samples on 10-12-22 at app 9 am. Please advise if you would like to be there and the time you can make it, and we will adjust our sampling accordingly. If there are any questions or concerns, please let me know.

Thank You,

Chris Jones
Environmental Professional
1601 N. Turner Ste. 500
Hobbs, NM 88240
chris@paragonenvironmental.net
575-631-6977 cell



“We do not inherit the Earth
from our ancestors; we borrow
it from our children.”
Chief Seattle



Appendix E:
Laboratory Results



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

September 29, 2022

CHRIS JONES
PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS, NM 88242

RE: PALOMA ST #1

Enclosed are the results of analyses for samples received by the laboratory on 09/26/22 16:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	09/26/2022	Sampling Date:	09/26/2022
Reported:	09/29/2022	Sampling Type:	Soil
Project Name:	PALOMA ST #1	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	STRATA - EDDY CO NM		

Sample ID: S - 1 SURFACE (H224465-01)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2022	ND	2.00	100	2.00	1.72	
Toluene*	<0.050	0.050	09/28/2022	ND	1.97	98.5	2.00	1.55	
Ethylbenzene*	<0.050	0.050	09/28/2022	ND	1.85	92.6	2.00	0.350	
Total Xylenes*	<0.150	0.150	09/28/2022	ND	5.74	95.7	6.00	0.202	
Total BTEX	<0.300	0.300	09/28/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/28/2022	ND	416	104	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	09/28/2022	ND	200	100	200	2.73	
DRO >C10-C28*	178	10.0	09/28/2022	ND	206	103	200	5.40	
EXT DRO >C28-C36	157	10.0	09/28/2022	ND					

Surrogate: 1-Chlorooctane 100 % 45.3-161

Surrogate: 1-Chlorooctadecane 120 % 46.3-178

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:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	09/26/2022	Sampling Date:	09/26/2022
Reported:	09/29/2022	Sampling Type:	Soil
Project Name:	PALOMA ST #1	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	STRATA - EDDY CO NM		

Sample ID: S - 1 1' (H224465-02)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2022	ND	2.00	100	2.00	1.72	
Toluene*	<0.050	0.050	09/28/2022	ND	1.97	98.5	2.00	1.55	
Ethylbenzene*	<0.050	0.050	09/28/2022	ND	1.85	92.6	2.00	0.350	
Total Xylenes*	<0.150	0.150	09/28/2022	ND	5.74	95.7	6.00	0.202	
Total BTEX	<0.300	0.300	09/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/28/2022	ND	416	104	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	09/28/2022	ND	200	100	200	2.73	
DRO >C10-C28*	<10.0	10.0	09/28/2022	ND	206	103	200	5.40	
EXT DRO >C28-C36	10.1	10.0	09/28/2022	ND					

Surrogate: 1-Chlorooctane 102 % 45.3-161

Surrogate: 1-Chlorooctadecane 115 % 46.3-178

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:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	09/26/2022	Sampling Date:	09/26/2022
Reported:	09/29/2022	Sampling Type:	Soil
Project Name:	PALOMA ST #1	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	STRATA - EDDY CO NM		

Sample ID: S - 1 2' (H224465-03)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2022	ND	2.00	100	2.00	1.72	
Toluene*	<0.050	0.050	09/28/2022	ND	1.97	98.5	2.00	1.55	
Ethylbenzene*	<0.050	0.050	09/28/2022	ND	1.85	92.6	2.00	0.350	
Total Xylenes*	<0.150	0.150	09/28/2022	ND	5.74	95.7	6.00	0.202	
Total BTEX	<0.300	0.300	09/28/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/28/2022	ND	416	104	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	09/28/2022	ND	200	100	200	2.73	
DRO >C10-C28*	<10.0	10.0	09/28/2022	ND	206	103	200	5.40	
EXT DRO >C28-C36	<10.0	10.0	09/28/2022	ND					

Surrogate: 1-Chlorooctane 102 % 45.3-161

Surrogate: 1-Chlorooctadecane 115 % 46.3-178

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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:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	09/26/2022	Sampling Date:	09/26/2022
Reported:	09/29/2022	Sampling Type:	Soil
Project Name:	PALOMA ST #1	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	STRATA - EDDY CO NM		

Sample ID: S - 1 3' (H224465-04)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2022	ND	2.00	100	2.00	1.72	
Toluene*	<0.050	0.050	09/28/2022	ND	1.97	98.5	2.00	1.55	
Ethylbenzene*	<0.050	0.050	09/28/2022	ND	1.85	92.6	2.00	0.350	
Total Xylenes*	<0.150	0.150	09/28/2022	ND	5.74	95.7	6.00	0.202	
Total BTEX	<0.300	0.300	09/28/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	09/28/2022	ND	416	104	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	09/28/2022	ND	200	100	200	2.73	
DRO >C10-C28*	<10.0	10.0	09/28/2022	ND	206	103	200	5.40	
EXT DRO >C28-C36	<10.0	10.0	09/28/2022	ND					

Surrogate: 1-Chlorooctane 97.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 110 % 46.3-178

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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:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	09/26/2022	Sampling Date:	09/26/2022
Reported:	09/29/2022	Sampling Type:	Soil
Project Name:	PALOMA ST #1	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	STRATA - EDDY CO NM		

Sample ID: S - 1 4' (H224465-05)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2022	ND	2.00	100	2.00	1.72	
Toluene*	<0.050	0.050	09/28/2022	ND	1.97	98.5	2.00	1.55	
Ethylbenzene*	<0.050	0.050	09/28/2022	ND	1.85	92.6	2.00	0.350	
Total Xylenes*	<0.150	0.150	09/28/2022	ND	5.74	95.7	6.00	0.202	
Total BTEX	<0.300	0.300	09/28/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	09/28/2022	ND	416	104	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	09/28/2022	ND	200	100	200	2.73	
DRO >C10-C28*	<10.0	10.0	09/28/2022	ND	206	103	200	5.40	
EXT DRO >C28-C36	<10.0	10.0	09/28/2022	ND					

Surrogate: 1-Chlorooctane 104 % 45.3-161

Surrogate: 1-Chlorooctadecane 116 % 46.3-178

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:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	09/26/2022	Sampling Date:	09/26/2022
Reported:	09/29/2022	Sampling Type:	Soil
Project Name:	PALOMA ST #1	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	STRATA - EDDY CO NM		

Sample ID: S - 2 SURFACE (H224465-06)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2022	ND	2.00	100	2.00	1.72	
Toluene*	<0.050	0.050	09/28/2022	ND	1.97	98.5	2.00	1.55	
Ethylbenzene*	<0.050	0.050	09/28/2022	ND	1.85	92.6	2.00	0.350	
Total Xylenes*	<0.150	0.150	09/28/2022	ND	5.74	95.7	6.00	0.202	
Total BTEX	<0.300	0.300	09/28/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/28/2022	ND	416	104	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	09/28/2022	ND	200	100	200	2.73	
DRO >C10-C28*	<10.0	10.0	09/28/2022	ND	206	103	200	5.40	
EXT DRO >C28-C36	<10.0	10.0	09/28/2022	ND					

Surrogate: 1-Chlorooctane 97.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 108 % 46.3-178

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:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	09/26/2022	Sampling Date:	09/26/2022
Reported:	09/29/2022	Sampling Type:	Soil
Project Name:	PALOMA ST #1	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	STRATA - EDDY CO NM		

Sample ID: S - 2 1' (H224465-07)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2022	ND	2.00	100	2.00	1.72	
Toluene*	<0.050	0.050	09/28/2022	ND	1.97	98.5	2.00	1.55	
Ethylbenzene*	<0.050	0.050	09/28/2022	ND	1.85	92.6	2.00	0.350	
Total Xylenes*	<0.150	0.150	09/28/2022	ND	5.74	95.7	6.00	0.202	
Total BTEX	<0.300	0.300	09/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/28/2022	ND	416	104	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	09/28/2022	ND	200	100	200	2.73	
DRO >C10-C28*	23.8	10.0	09/28/2022	ND	206	103	200	5.40	
EXT DRO >C28-C36	38.4	10.0	09/28/2022	ND					

Surrogate: 1-Chlorooctane 89.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.8 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	09/26/2022	Sampling Date:	09/26/2022
Reported:	09/29/2022	Sampling Type:	Soil
Project Name:	PALOMA ST #1	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	STRATA - EDDY CO NM		

Sample ID: S - 2 2' (H224465-08)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2022	ND	2.00	100	2.00	1.72	
Toluene*	<0.050	0.050	09/28/2022	ND	1.97	98.5	2.00	1.55	
Ethylbenzene*	<0.050	0.050	09/28/2022	ND	1.85	92.6	2.00	0.350	
Total Xylenes*	<0.150	0.150	09/28/2022	ND	5.74	95.7	6.00	0.202	
Total BTEX	<0.300	0.300	09/28/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/28/2022	ND	416	104	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	09/28/2022	ND	200	100	200	2.73	
DRO >C10-C28*	23.5	10.0	09/28/2022	ND	206	103	200	5.40	
EXT DRO >C28-C36	25.4	10.0	09/28/2022	ND					

Surrogate: 1-Chlorooctane 105 % 45.3-161

Surrogate: 1-Chlorooctadecane 120 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	09/26/2022	Sampling Date:	09/26/2022
Reported:	09/29/2022	Sampling Type:	Soil
Project Name:	PALOMA ST #1	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	STRATA - EDDY CO NM		

Sample ID: S - 2 3' (H224465-09)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2022	ND	2.00	100	2.00	1.72	
Toluene*	<0.050	0.050	09/28/2022	ND	1.97	98.5	2.00	1.55	
Ethylbenzene*	<0.050	0.050	09/28/2022	ND	1.85	92.6	2.00	0.350	
Total Xylenes*	<0.150	0.150	09/28/2022	ND	5.74	95.7	6.00	0.202	
Total BTEX	<0.300	0.300	09/28/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/28/2022	ND	416	104	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	09/28/2022	ND	200	100	200	2.73	
DRO >C10-C28*	12.6	10.0	09/28/2022	ND	206	103	200	5.40	
EXT DRO >C28-C36	11.9	10.0	09/28/2022	ND					

Surrogate: 1-Chlorooctane 126 % 45.3-161

Surrogate: 1-Chlorooctadecane 143 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	09/26/2022	Sampling Date:	09/26/2022
Reported:	09/29/2022	Sampling Type:	Soil
Project Name:	PALOMA ST #1	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	STRATA - EDDY CO NM		

Sample ID: S - 2 4' (H224465-10)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2022	ND	2.00	100	2.00	1.72	
Toluene*	<0.050	0.050	09/28/2022	ND	1.97	98.5	2.00	1.55	
Ethylbenzene*	<0.050	0.050	09/28/2022	ND	1.85	92.6	2.00	0.350	
Total Xylenes*	<0.150	0.150	09/28/2022	ND	5.74	95.7	6.00	0.202	
Total BTEX	<0.300	0.300	09/28/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	09/28/2022	ND	416	104	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	09/28/2022	ND	200	100	200	2.73	
DRO >C10-C28*	<10.0	10.0	09/28/2022	ND	206	103	200	5.40	
EXT DRO >C28-C36	<10.0	10.0	09/28/2022	ND					

Surrogate: 1-Chlorooctane 105 % 45.3-161

Surrogate: 1-Chlorooctadecane 118 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	09/26/2022	Sampling Date:	09/26/2022
Reported:	09/29/2022	Sampling Type:	Soil
Project Name:	PALOMA ST #1	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	STRATA - EDDY CO NM		

Sample ID: S - 3 SURFACE (H224465-11)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2022	ND	2.00	100	2.00	1.72	
Toluene*	<0.050	0.050	09/28/2022	ND	1.97	98.5	2.00	1.55	
Ethylbenzene*	<0.050	0.050	09/28/2022	ND	1.85	92.6	2.00	0.350	
Total Xylenes*	<0.150	0.150	09/28/2022	ND	5.74	95.7	6.00	0.202	
Total BTEX	<0.300	0.300	09/28/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/28/2022	ND	416	104	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	09/28/2022	ND	200	100	200	2.73	
DRO >C10-C28*	<10.0	10.0	09/28/2022	ND	206	103	200	5.40	
EXT DRO >C28-C36	<10.0	10.0	09/28/2022	ND					

Surrogate: 1-Chlorooctane 102 % 45.3-161

Surrogate: 1-Chlorooctadecane 114 % 46.3-178

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Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	09/26/2022	Sampling Date:	09/26/2022
Reported:	09/29/2022	Sampling Type:	Soil
Project Name:	PALOMA ST #1	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	STRATA - EDDY CO NM		

Sample ID: S - 3 1' (H224465-12)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2022	ND	2.07	104	2.00	9.71	
Toluene*	<0.050	0.050	09/28/2022	ND	2.24	112	2.00	10.8	
Ethylbenzene*	<0.050	0.050	09/28/2022	ND	2.09	105	2.00	9.75	
Total Xylenes*	<0.150	0.150	09/28/2022	ND	6.34	106	6.00	10.5	
Total BTEX	<0.300	0.300	09/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/28/2022	ND	416	104	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	09/28/2022	ND	200	100	200	2.73	
DRO >C10-C28*	<10.0	10.0	09/28/2022	ND	206	103	200	5.40	
EXT DRO >C28-C36	<10.0	10.0	09/28/2022	ND					

Surrogate: 1-Chlorooctane 98.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 110 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	09/26/2022	Sampling Date:	09/26/2022
Reported:	09/29/2022	Sampling Type:	Soil
Project Name:	PALOMA ST #1	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	STRATA - EDDY CO NM		

Sample ID: S - 3 2' (H224465-13)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/28/2022	ND	2.07	104	2.00	9.71		
Toluene*	<0.050	0.050	09/28/2022	ND	2.24	112	2.00	10.8		
Ethylbenzene*	<0.050	0.050	09/28/2022	ND	2.09	105	2.00	9.75		
Total Xylenes*	<0.150	0.150	09/28/2022	ND	6.34	106	6.00	10.5		
Total BTEX	<0.300	0.300	09/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/28/2022	ND	416	104	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	09/28/2022	ND	200	100	200	2.73		
DRO >C10-C28*	<10.0	10.0	09/28/2022	ND	206	103	200	5.40		
EXT DRO >C28-C36	<10.0	10.0	09/28/2022	ND						

Surrogate: 1-Chlorooctane 97.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 110 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	09/26/2022	Sampling Date:	09/26/2022
Reported:	09/29/2022	Sampling Type:	Soil
Project Name:	PALOMA ST #1	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	STRATA - EDDY CO NM		

Sample ID: S - 3 3' (H224465-14)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2022	ND	2.07	104	2.00	9.71	
Toluene*	<0.050	0.050	09/28/2022	ND	2.24	112	2.00	10.8	
Ethylbenzene*	<0.050	0.050	09/28/2022	ND	2.09	105	2.00	9.75	
Total Xylenes*	<0.150	0.150	09/28/2022	ND	6.34	106	6.00	10.5	
Total BTEX	<0.300	0.300	09/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/28/2022	ND	416	104	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	09/28/2022	ND	200	100	200	2.73	
DRO >C10-C28*	<10.0	10.0	09/28/2022	ND	206	103	200	5.40	
EXT DRO >C28-C36	<10.0	10.0	09/28/2022	ND					

Surrogate: 1-Chlorooctane 94.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	09/26/2022	Sampling Date:	09/26/2022
Reported:	09/29/2022	Sampling Type:	Soil
Project Name:	PALOMA ST #1	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	STRATA - EDDY CO NM		

Sample ID: S - 3 4' (H224465-15)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2022	ND	2.07	104	2.00	9.71	
Toluene*	<0.050	0.050	09/28/2022	ND	2.24	112	2.00	10.8	
Ethylbenzene*	<0.050	0.050	09/28/2022	ND	2.09	105	2.00	9.75	
Total Xylenes*	<0.150	0.150	09/28/2022	ND	6.34	106	6.00	10.5	
Total BTEX	<0.300	0.300	09/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/28/2022	ND	416	104	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	09/28/2022	ND	200	100	200	2.73	
DRO >C10-C28*	<10.0	10.0	09/28/2022	ND	206	103	200	5.40	
EXT DRO >C28-C36	<10.0	10.0	09/28/2022	ND					

Surrogate: 1-Chlorooctane 86.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.1 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	09/26/2022	Sampling Date:	09/26/2022
Reported:	09/29/2022	Sampling Type:	Soil
Project Name:	PALOMA ST #1	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	STRATA - EDDY CO NM		

Sample ID: S - 4 SURFACE (H224465-16)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/28/2022	ND	2.07	104	2.00	9.71		
Toluene*	<0.050	0.050	09/28/2022	ND	2.24	112	2.00	10.8		
Ethylbenzene*	<0.050	0.050	09/28/2022	ND	2.09	105	2.00	9.75		
Total Xylenes*	<0.150	0.150	09/28/2022	ND	6.34	106	6.00	10.5		
Total BTEX	<0.300	0.300	09/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/28/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/28/2022	ND	187	93.3	200	1.61		
DRO >C10-C28*	64.7	10.0	09/28/2022	ND	203	101	200	0.148		
EXT DRO >C28-C36	48.1	10.0	09/28/2022	ND						

Surrogate: 1-Chlorooctane 85.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	09/26/2022	Sampling Date:	09/26/2022
Reported:	09/29/2022	Sampling Type:	Soil
Project Name:	PALOMA ST #1	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	STRATA - EDDY CO NM		

Sample ID: S - 4 1' (H224465-17)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2022	ND	2.07	104	2.00	9.71	
Toluene*	<0.050	0.050	09/28/2022	ND	2.24	112	2.00	10.8	
Ethylbenzene*	<0.050	0.050	09/28/2022	ND	2.09	105	2.00	9.75	
Total Xylenes*	<0.150	0.150	09/28/2022	ND	6.34	106	6.00	10.5	
Total BTEX	<0.300	0.300	09/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/28/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2022	ND	187	93.3	200	1.61	
DRO >C10-C28*	28.5	10.0	09/28/2022	ND	203	101	200	0.148	
EXT DRO >C28-C36	23.6	10.0	09/28/2022	ND					

Surrogate: 1-Chlorooctane 90.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 108 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	09/26/2022	Sampling Date:	09/26/2022
Reported:	09/29/2022	Sampling Type:	Soil
Project Name:	PALOMA ST #1	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	STRATA - EDDY CO NM		

Sample ID: S - 4 2' (H224465-18)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/28/2022	ND	2.07	104	2.00	9.71		
Toluene*	<0.050	0.050	09/28/2022	ND	2.24	112	2.00	10.8		
Ethylbenzene*	<0.050	0.050	09/28/2022	ND	2.09	105	2.00	9.75		
Total Xylenes*	<0.150	0.150	09/28/2022	ND	6.34	106	6.00	10.5		
Total BTEX	<0.300	0.300	09/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	09/28/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/28/2022	ND	187	93.3	200	1.61		
DRO >C10-C28*	112	10.0	09/28/2022	ND	203	101	200	0.148		
EXT DRO >C28-C36	90.3	10.0	09/28/2022	ND						

Surrogate: 1-Chlorooctane 90.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 114 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	09/26/2022	Sampling Date:	09/26/2022
Reported:	09/29/2022	Sampling Type:	Soil
Project Name:	PALOMA ST #1	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	STRATA - EDDY CO NM		

Sample ID: S - 4 3' (H224465-19)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/28/2022	ND	2.07	104	2.00	9.71		
Toluene*	<0.050	0.050	09/28/2022	ND	2.24	112	2.00	10.8		
Ethylbenzene*	<0.050	0.050	09/28/2022	ND	2.09	105	2.00	9.75		
Total Xylenes*	<0.150	0.150	09/28/2022	ND	6.34	106	6.00	10.5		
Total BTEX	<0.300	0.300	09/28/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	09/28/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/27/2022	ND	187	93.3	200	1.61		
DRO >C10-C28*	<10.0	10.0	09/27/2022	ND	203	101	200	0.148		
EXT DRO >C28-C36	<10.0	10.0	09/27/2022	ND						

Surrogate: 1-Chlorooctane 91.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 106 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	09/26/2022	Sampling Date:	09/26/2022
Reported:	09/29/2022	Sampling Type:	Soil
Project Name:	PALOMA ST #1	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	STRATA - EDDY CO NM		

Sample ID: S - 4 4' (H224465-20)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/29/2022	ND	2.07	104	2.00	9.71	
Toluene*	<0.050	0.050	09/29/2022	ND	2.24	112	2.00	10.8	
Ethylbenzene*	<0.050	0.050	09/29/2022	ND	2.09	105	2.00	9.75	
Total Xylenes*	<0.150	0.150	09/29/2022	ND	6.34	106	6.00	10.5	
Total BTEX	<0.300	0.300	09/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/28/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2022	ND	187	93.3	200	1.61	
DRO >C10-C28*	<10.0	10.0	09/27/2022	ND	203	101	200	0.148	
EXT DRO >C28-C36	<10.0	10.0	09/27/2022	ND					

Surrogate: 1-Chlorooctane 83.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	09/26/2022	Sampling Date:	09/26/2022
Reported:	09/29/2022	Sampling Type:	Soil
Project Name:	PALOMA ST #1	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	STRATA - EDDY CO NM		

Sample ID: S - 5 SURFACE (H224465-21)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/29/2022	ND	2.07	104	2.00	9.71	
Toluene*	<0.050	0.050	09/29/2022	ND	2.24	112	2.00	10.8	
Ethylbenzene*	<0.050	0.050	09/29/2022	ND	2.09	105	2.00	9.75	
Total Xylenes*	<0.150	0.150	09/29/2022	ND	6.34	106	6.00	10.5	
Total BTEX	<0.300	0.300	09/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/28/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2022	ND	187	93.3	200	1.61	
DRO >C10-C28*	16.7	10.0	09/27/2022	ND	203	101	200	0.148	
EXT DRO >C28-C36	15.3	10.0	09/27/2022	ND					

Surrogate: 1-Chlorooctane 83.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	09/26/2022	Sampling Date:	09/26/2022
Reported:	09/29/2022	Sampling Type:	Soil
Project Name:	PALOMA ST #1	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	STRATA - EDDY CO NM		

Sample ID: S - 5 1' (H224465-22)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/29/2022	ND	2.07	104	2.00	9.71	
Toluene*	<0.050	0.050	09/29/2022	ND	2.24	112	2.00	10.8	
Ethylbenzene*	<0.050	0.050	09/29/2022	ND	2.09	105	2.00	9.75	
Total Xylenes*	<0.150	0.150	09/29/2022	ND	6.34	106	6.00	10.5	
Total BTEX	<0.300	0.300	09/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/28/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2022	ND	187	93.3	200	1.61	
DRO >C10-C28*	14.3	10.0	09/27/2022	ND	203	101	200	0.148	
EXT DRO >C28-C36	<10.0	10.0	09/27/2022	ND					

Surrogate: 1-Chlorooctane 93.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 111 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	09/26/2022	Sampling Date:	09/26/2022
Reported:	09/29/2022	Sampling Type:	Soil
Project Name:	PALOMA ST #1	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	STRATA - EDDY CO NM		

Sample ID: S - 5 2' (H224465-23)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/29/2022	ND	2.07	104	2.00	9.71	
Toluene*	<0.050	0.050	09/29/2022	ND	2.24	112	2.00	10.8	
Ethylbenzene*	<0.050	0.050	09/29/2022	ND	2.09	105	2.00	9.75	
Total Xylenes*	<0.150	0.150	09/29/2022	ND	6.34	106	6.00	10.5	
Total BTEX	<0.300	0.300	09/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/28/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2022	ND	187	93.3	200	1.61	
DRO >C10-C28*	<10.0	10.0	09/27/2022	ND	203	101	200	0.148	
EXT DRO >C28-C36	<10.0	10.0	09/27/2022	ND					

Surrogate: 1-Chlorooctane 99.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 116 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	09/26/2022	Sampling Date:	09/26/2022
Reported:	09/29/2022	Sampling Type:	Soil
Project Name:	PALOMA ST #1	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	STRATA - EDDY CO NM		

Sample ID: S - 5 3' (H224465-24)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/29/2022	ND	2.07	104	2.00	9.71		
Toluene*	<0.050	0.050	09/29/2022	ND	2.24	112	2.00	10.8		
Ethylbenzene*	<0.050	0.050	09/29/2022	ND	2.09	105	2.00	9.75		
Total Xylenes*	<0.150	0.150	09/29/2022	ND	6.34	106	6.00	10.5		
Total BTEX	<0.300	0.300	09/29/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/28/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/27/2022	ND	187	93.3	200	1.61		
DRO >C10-C28*	<10.0	10.0	09/27/2022	ND	203	101	200	0.148		
EXT DRO >C28-C36	<10.0	10.0	09/27/2022	ND						

Surrogate: 1-Chlorooctane 91.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 108 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	09/26/2022	Sampling Date:	09/26/2022
Reported:	09/29/2022	Sampling Type:	Soil
Project Name:	PALOMA ST #1	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	STRATA - EDDY CO NM		

Sample ID: S - 5 4' (H224465-25)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/29/2022	ND	2.07	104	2.00	9.71	
Toluene*	<0.050	0.050	09/29/2022	ND	2.24	112	2.00	10.8	
Ethylbenzene*	<0.050	0.050	09/29/2022	ND	2.09	105	2.00	9.75	
Total Xylenes*	<0.150	0.150	09/29/2022	ND	6.34	106	6.00	10.5	
Total BTEX	<0.300	0.300	09/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/28/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/27/2022	ND	187	93.3	200	1.61	
DRO >C10-C28*	<10.0	10.0	09/27/2022	ND	203	101	200	0.148	
EXT DRO >C28-C36	<10.0	10.0	09/27/2022	ND					

Surrogate: 1-Chlorooctane 92.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 108 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	09/26/2022	Sampling Date:	09/26/2022
Reported:	09/29/2022	Sampling Type:	Soil
Project Name:	PALOMA ST #1	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	STRATA - EDDY CO NM		

Sample ID: S - 6 SURFACE (H224465-26)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/29/2022	ND	2.07	104	2.00	9.71		
Toluene*	<0.050	0.050	09/29/2022	ND	2.24	112	2.00	10.8		
Ethylbenzene*	<0.050	0.050	09/29/2022	ND	2.09	105	2.00	9.75		
Total Xylenes*	<0.150	0.150	09/29/2022	ND	6.34	106	6.00	10.5		
Total BTEX	<0.300	0.300	09/29/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/28/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/28/2022	ND	187	93.3	200	1.61		
DRO >C10-C28*	44.3	10.0	09/28/2022	ND	203	101	200	0.148		
EXT DRO >C28-C36	42.1	10.0	09/28/2022	ND						

Surrogate: 1-Chlorooctane 88.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 104 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	09/26/2022	Sampling Date:	09/26/2022
Reported:	09/29/2022	Sampling Type:	Soil
Project Name:	PALOMA ST #1	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	STRATA - EDDY CO NM		

Sample ID: S - 6 1' (H224465-27)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/29/2022	ND	2.07	104	2.00	9.71	
Toluene*	<0.050	0.050	09/29/2022	ND	2.24	112	2.00	10.8	
Ethylbenzene*	<0.050	0.050	09/29/2022	ND	2.09	105	2.00	9.75	
Total Xylenes*	<0.150	0.150	09/29/2022	ND	6.34	106	6.00	10.5	
Total BTEX	<0.300	0.300	09/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/28/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2022	ND	187	93.3	200	1.61	
DRO >C10-C28*	514	10.0	09/28/2022	ND	203	101	200	0.148	
EXT DRO >C28-C36	267	10.0	09/28/2022	ND					

Surrogate: 1-Chlorooctane 111 % 45.3-161

Surrogate: 1-Chlorooctadecane 163 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	09/26/2022	Sampling Date:	09/26/2022
Reported:	09/29/2022	Sampling Type:	Soil
Project Name:	PALOMA ST #1	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	STRATA - EDDY CO NM		

Sample ID: S - 6 2' (H224465-28)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/29/2022	ND	2.07	104	2.00	9.71		
Toluene*	<0.050	0.050	09/29/2022	ND	2.24	112	2.00	10.8		
Ethylbenzene*	<0.050	0.050	09/29/2022	ND	2.09	105	2.00	9.75		
Total Xylenes*	<0.150	0.150	09/29/2022	ND	6.34	106	6.00	10.5		
Total BTEX	<0.300	0.300	09/29/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/28/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/28/2022	ND	187	93.3	200	1.61		
DRO >C10-C28*	43.7	10.0	09/28/2022	ND	203	101	200	0.148		
EXT DRO >C28-C36	42.2	10.0	09/28/2022	ND						

Surrogate: 1-Chlorooctane 101 % 45.3-161

Surrogate: 1-Chlorooctadecane 120 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	09/26/2022	Sampling Date:	09/26/2022
Reported:	09/29/2022	Sampling Type:	Soil
Project Name:	PALOMA ST #1	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	STRATA - EDDY CO NM		

Sample ID: S - 6 3' (H224465-29)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/29/2022	ND	2.07	104	2.00	9.71	
Toluene*	<0.050	0.050	09/29/2022	ND	2.24	112	2.00	10.8	
Ethylbenzene*	<0.050	0.050	09/29/2022	ND	2.09	105	2.00	9.75	
Total Xylenes*	<0.150	0.150	09/29/2022	ND	6.34	106	6.00	10.5	
Total BTEX	<0.300	0.300	09/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/28/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2022	ND	187	93.3	200	1.61	
DRO >C10-C28*	26.8	10.0	09/28/2022	ND	203	101	200	0.148	
EXT DRO >C28-C36	22.3	10.0	09/28/2022	ND					

Surrogate: 1-Chlorooctane 96.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 114 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	09/26/2022	Sampling Date:	09/26/2022
Reported:	09/29/2022	Sampling Type:	Soil
Project Name:	PALOMA ST #1	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	STRATA - EDDY CO NM		

Sample ID: S - 6 4' (H224465-30)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/29/2022	ND	2.07	104	2.00	9.71		
Toluene*	<0.050	0.050	09/29/2022	ND	2.24	112	2.00	10.8		
Ethylbenzene*	<0.050	0.050	09/29/2022	ND	2.09	105	2.00	9.75		
Total Xylenes*	<0.150	0.150	09/29/2022	ND	6.34	106	6.00	10.5		
Total BTEX	<0.300	0.300	09/29/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/28/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/28/2022	ND	187	93.3	200	1.61		
DRO >C10-C28*	37.2	10.0	09/28/2022	ND	203	101	200	0.148		
EXT DRO >C28-C36	28.6	10.0	09/28/2022	ND						

Surrogate: 1-Chlorooctane 101 % 45.3-161

Surrogate: 1-Chlorooctadecane 121 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	09/26/2022	Sampling Date:	09/26/2022
Reported:	09/29/2022	Sampling Type:	Soil
Project Name:	PALOMA ST #1	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	STRATA - EDDY CO NM		

Sample ID: S - 7 SURFACE (H224465-31)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/29/2022	ND	2.07	104	2.00	9.71	
Toluene*	<0.050	0.050	09/29/2022	ND	2.24	112	2.00	10.8	
Ethylbenzene*	<0.050	0.050	09/29/2022	ND	2.09	105	2.00	9.75	
Total Xylenes*	<0.150	0.150	09/29/2022	ND	6.34	106	6.00	10.5	
Total BTEX	<0.300	0.300	09/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/28/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2022	ND	187	93.3	200	1.61	
DRO >C10-C28*	220	10.0	09/28/2022	ND	203	101	200	0.148	
EXT DRO >C28-C36	141	10.0	09/28/2022	ND					

Surrogate: 1-Chlorooctane 78.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.8 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	09/26/2022	Sampling Date:	09/26/2022
Reported:	09/29/2022	Sampling Type:	Soil
Project Name:	PALOMA ST #1	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	STRATA - EDDY CO NM		

Sample ID: S - 7 1' (H224465-32)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/29/2022	ND	2.06	103	2.00	0.210		
Toluene*	<0.050	0.050	09/29/2022	ND	2.20	110	2.00	1.41		
Ethylbenzene*	<0.050	0.050	09/29/2022	ND	2.05	103	2.00	1.04		
Total Xylenes*	<0.150	0.150	09/29/2022	ND	6.20	103	6.00	0.979		
Total BTEX	<0.300	0.300	09/29/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/28/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/28/2022	ND	187	93.3	200	1.61		
DRO >C10-C28*	80.3	10.0	09/28/2022	ND	203	101	200	0.148		
EXT DRO >C28-C36	52.9	10.0	09/28/2022	ND						

Surrogate: 1-Chlorooctane 106 % 45.3-161

Surrogate: 1-Chlorooctadecane 127 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	09/26/2022	Sampling Date:	09/26/2022
Reported:	09/29/2022	Sampling Type:	Soil
Project Name:	PALOMA ST #1	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	STRATA - EDDY CO NM		

Sample ID: S - 7 2' (H224465-33)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/29/2022	ND	2.06	103	2.00	0.210		
Toluene*	<0.050	0.050	09/29/2022	ND	2.20	110	2.00	1.41		
Ethylbenzene*	<0.050	0.050	09/29/2022	ND	2.05	103	2.00	1.04		
Total Xylenes*	<0.150	0.150	09/29/2022	ND	6.20	103	6.00	0.979		
Total BTEX	<0.300	0.300	09/29/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/28/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/28/2022	ND	187	93.3	200	1.61		
DRO >C10-C28*	48.0	10.0	09/28/2022	ND	203	101	200	0.148		
EXT DRO >C28-C36	40.6	10.0	09/28/2022	ND						

Surrogate: 1-Chlorooctane 95.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 117 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	09/26/2022	Sampling Date:	09/26/2022
Reported:	09/29/2022	Sampling Type:	Soil
Project Name:	PALOMA ST #1	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	STRATA - EDDY CO NM		

Sample ID: S - 7 3' (H224465-34)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/29/2022	ND	2.06	103	2.00	0.210		
Toluene*	<0.050	0.050	09/29/2022	ND	2.20	110	2.00	1.41		
Ethylbenzene*	<0.050	0.050	09/29/2022	ND	2.05	103	2.00	1.04		
Total Xylenes*	<0.150	0.150	09/29/2022	ND	6.20	103	6.00	0.979		
Total BTEX	<0.300	0.300	09/29/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/28/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/27/2022	ND	187	93.3	200	1.61		
DRO >C10-C28*	<10.0	10.0	09/27/2022	ND	203	101	200	0.148		
EXT DRO >C28-C36	<10.0	10.0	09/27/2022	ND						

Surrogate: 1-Chlorooctane 98.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 116 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	09/26/2022	Sampling Date:	09/26/2022
Reported:	09/29/2022	Sampling Type:	Soil
Project Name:	PALOMA ST #1	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	STRATA - EDDY CO NM		

Sample ID: S - 7 4' (H224465-35)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/29/2022	ND	2.06	103	2.00	0.210		
Toluene*	<0.050	0.050	09/29/2022	ND	2.20	110	2.00	1.41		
Ethylbenzene*	<0.050	0.050	09/29/2022	ND	2.05	103	2.00	1.04		
Total Xylenes*	<0.150	0.150	09/29/2022	ND	6.20	103	6.00	0.979		
Total BTEX	<0.300	0.300	09/29/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/28/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/27/2022	ND	187	93.3	200	1.61		
DRO >C10-C28*	<10.0	10.0	09/27/2022	ND	203	101	200	0.148		
EXT DRO >C28-C36	<10.0	10.0	09/27/2022	ND						

Surrogate: 1-Chlorooctane 89.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 106 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	09/26/2022	Sampling Date:	09/26/2022
Reported:	09/29/2022	Sampling Type:	Soil
Project Name:	PALOMA ST #1	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	STRATA - EDDY CO NM		

Sample ID: S - 8 SURFACE (H224465-36)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/29/2022	ND	2.06	103	2.00	0.210		
Toluene*	<0.050	0.050	09/29/2022	ND	2.20	110	2.00	1.41		
Ethylbenzene*	<0.050	0.050	09/29/2022	ND	2.05	103	2.00	1.04		
Total Xylenes*	<0.150	0.150	09/29/2022	ND	6.20	103	6.00	0.979		
Total BTEX	<0.300	0.300	09/29/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/28/2022	ND	416	104	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	09/28/2022	ND	208	104	200	1.75		
DRO >C10-C28*	65.8	10.0	09/28/2022	ND	221	111	200	0.253	QM-07	
EXT DRO >C28-C36	70.7	10.0	09/28/2022	ND						

Surrogate: 1-Chlorooctane 89.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.6 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	09/26/2022	Sampling Date:	09/26/2022
Reported:	09/29/2022	Sampling Type:	Soil
Project Name:	PALOMA ST #1	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	STRATA - EDDY CO NM		

Sample ID: S - 8 1' (H224465-37)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/29/2022	ND	2.06	103	2.00	0.210	
Toluene*	<0.050	0.050	09/29/2022	ND	2.20	110	2.00	1.41	
Ethylbenzene*	<0.050	0.050	09/29/2022	ND	2.05	103	2.00	1.04	
Total Xylenes*	<0.150	0.150	09/29/2022	ND	6.20	103	6.00	0.979	
Total BTEX	<0.300	0.300	09/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/28/2022	ND	416	104	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	09/28/2022	ND	208	104	200	1.75	
DRO >C10-C28*	<10.0	10.0	09/28/2022	ND	221	111	200	0.253	
EXT DRO >C28-C36	<10.0	10.0	09/28/2022	ND					

Surrogate: 1-Chlorooctane 85.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 88.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	09/26/2022	Sampling Date:	09/26/2022
Reported:	09/29/2022	Sampling Type:	Soil
Project Name:	PALOMA ST #1	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	STRATA - EDDY CO NM		

Sample ID: S - 8 2' (H224465-38)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/29/2022	ND	2.06	103	2.00	0.210	
Toluene*	<0.050	0.050	09/29/2022	ND	2.20	110	2.00	1.41	
Ethylbenzene*	<0.050	0.050	09/29/2022	ND	2.05	103	2.00	1.04	
Total Xylenes*	<0.150	0.150	09/29/2022	ND	6.20	103	6.00	0.979	
Total BTEX	<0.300	0.300	09/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/28/2022	ND	416	104	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	09/28/2022	ND	208	104	200	1.75	
DRO >C10-C28*	22.1	10.0	09/28/2022	ND	221	111	200	0.253	
EXT DRO >C28-C36	17.8	10.0	09/28/2022	ND					

Surrogate: 1-Chlorooctane 87.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.7 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	09/26/2022	Sampling Date:	09/26/2022
Reported:	09/29/2022	Sampling Type:	Soil
Project Name:	PALOMA ST #1	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	STRATA - EDDY CO NM		

Sample ID: S - 8 3' (H224465-39)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/29/2022	ND	2.06	103	2.00	0.210	
Toluene*	<0.050	0.050	09/29/2022	ND	2.20	110	2.00	1.41	
Ethylbenzene*	<0.050	0.050	09/29/2022	ND	2.05	103	2.00	1.04	
Total Xylenes*	<0.150	0.150	09/29/2022	ND	6.20	103	6.00	0.979	
Total BTEX	<0.300	0.300	09/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/28/2022	ND	416	104	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	09/28/2022	ND	208	104	200	1.75	
DRO >C10-C28*	37.2	10.0	09/28/2022	ND	221	111	200	0.253	
EXT DRO >C28-C36	36.0	10.0	09/28/2022	ND					

Surrogate: 1-Chlorooctane 87.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	09/26/2022	Sampling Date:	09/26/2022
Reported:	09/29/2022	Sampling Type:	Soil
Project Name:	PALOMA ST #1	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	STRATA - EDDY CO NM		

Sample ID: S - 8 4' (H224465-40)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/29/2022	ND	2.06	103	2.00	0.210	
Toluene*	<0.050	0.050	09/29/2022	ND	2.20	110	2.00	1.41	
Ethylbenzene*	<0.050	0.050	09/29/2022	ND	2.05	103	2.00	1.04	
Total Xylenes*	<0.150	0.150	09/29/2022	ND	6.20	103	6.00	0.979	
Total BTEX	<0.300	0.300	09/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/28/2022	ND	416	104	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	09/27/2022	ND	208	104	200	1.75	
DRO >C10-C28*	<10.0	10.0	09/27/2022	ND	221	111	200	0.253	
EXT DRO >C28-C36	<10.0	10.0	09/27/2022	ND					

Surrogate: 1-Chlorooctane 94.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.7 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	09/26/2022	Sampling Date:	09/26/2022
Reported:	09/29/2022	Sampling Type:	Soil
Project Name:	PALOMA ST #1	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	STRATA - EDDY CO NM		

Sample ID: S - 9 SURFACE (H224465-41)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/29/2022	ND	2.06	103	2.00	0.210		
Toluene*	<0.050	0.050	09/29/2022	ND	2.20	110	2.00	1.41		
Ethylbenzene*	<0.050	0.050	09/29/2022	ND	2.05	103	2.00	1.04		
Total Xylenes*	<0.150	0.150	09/29/2022	ND	6.20	103	6.00	0.979		
Total BTEX	<0.300	0.300	09/29/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/28/2022	ND	416	104	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	09/27/2022	ND	208	104	200	1.75		
DRO >C10-C28*	<10.0	10.0	09/27/2022	ND	221	111	200	0.253		
EXT DRO >C28-C36	<10.0	10.0	09/27/2022	ND						

Surrogate: 1-Chlorooctane 84.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 87.2 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	09/26/2022	Sampling Date:	09/26/2022
Reported:	09/29/2022	Sampling Type:	Soil
Project Name:	PALOMA ST #1	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	STRATA - EDDY CO NM		

Sample ID: S - 9 1' (H224465-42)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/29/2022	ND	2.06	103	2.00	0.210	
Toluene*	<0.050	0.050	09/29/2022	ND	2.20	110	2.00	1.41	
Ethylbenzene*	<0.050	0.050	09/29/2022	ND	2.05	103	2.00	1.04	
Total Xylenes*	<0.150	0.150	09/29/2022	ND	6.20	103	6.00	0.979	
Total BTEX	<0.300	0.300	09/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/28/2022	ND	416	104	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	09/27/2022	ND	208	104	200	1.75	
DRO >C10-C28*	<10.0	10.0	09/27/2022	ND	221	111	200	0.253	
EXT DRO >C28-C36	<10.0	10.0	09/27/2022	ND					

Surrogate: 1-Chlorooctane 83.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 85.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	09/26/2022	Sampling Date:	09/26/2022
Reported:	09/29/2022	Sampling Type:	Soil
Project Name:	PALOMA ST #1	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	STRATA - EDDY CO NM		

Sample ID: S - 9 2' (H224465-43)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/29/2022	ND	2.06	103	2.00	0.210		
Toluene*	<0.050	0.050	09/29/2022	ND	2.20	110	2.00	1.41		
Ethylbenzene*	<0.050	0.050	09/29/2022	ND	2.05	103	2.00	1.04		
Total Xylenes*	<0.150	0.150	09/29/2022	ND	6.20	103	6.00	0.979		
Total BTEX	<0.300	0.300	09/29/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/28/2022	ND	416	104	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	09/28/2022	ND	208	104	200	1.75		
DRO >C10-C28*	40.6	10.0	09/28/2022	ND	221	111	200	0.253		
EXT DRO >C28-C36	57.7	10.0	09/28/2022	ND						

Surrogate: 1-Chlorooctane 77.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 82.8 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	09/26/2022	Sampling Date:	09/26/2022
Reported:	09/29/2022	Sampling Type:	Soil
Project Name:	PALOMA ST #1	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	STRATA - EDDY CO NM		

Sample ID: S - 9 3' (H224465-44)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/29/2022	ND	2.06	103	2.00	0.210		
Toluene*	<0.050	0.050	09/29/2022	ND	2.20	110	2.00	1.41		
Ethylbenzene*	<0.050	0.050	09/29/2022	ND	2.05	103	2.00	1.04		
Total Xylenes*	<0.150	0.150	09/29/2022	ND	6.20	103	6.00	0.979		
Total BTEX	<0.300	0.300	09/29/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/28/2022	ND	416	104	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	09/28/2022	ND	208	104	200	1.75		
DRO >C10-C28*	27.7	10.0	09/28/2022	ND	221	111	200	0.253		
EXT DRO >C28-C36	32.5	10.0	09/28/2022	ND						

Surrogate: 1-Chlorooctane 88.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.9 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	09/26/2022	Sampling Date:	09/26/2022
Reported:	09/29/2022	Sampling Type:	Soil
Project Name:	PALOMA ST #1	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	STRATA - EDDY CO NM		

Sample ID: S - 9 4' (H224465-45)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/29/2022	ND	2.06	103	2.00	0.210		
Toluene*	<0.050	0.050	09/29/2022	ND	2.20	110	2.00	1.41		
Ethylbenzene*	<0.050	0.050	09/29/2022	ND	2.05	103	2.00	1.04		
Total Xylenes*	<0.150	0.150	09/29/2022	ND	6.20	103	6.00	0.979		
Total BTEX	<0.300	0.300	09/29/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/28/2022	ND	416	104	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	09/28/2022	ND	208	104	200	1.75		
DRO >C10-C28*	31.1	10.0	09/28/2022	ND	221	111	200	0.253		
EXT DRO >C28-C36	37.2	10.0	09/28/2022	ND						

Surrogate: 1-Chlorooctane 83.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 89.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	09/26/2022	Sampling Date:	09/26/2022
Reported:	09/29/2022	Sampling Type:	Soil
Project Name:	PALOMA ST #1	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	STRATA - EDDY CO NM		

Sample ID: S - 10 SURFACE (H224465-46)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/29/2022	ND	2.06	103	2.00	0.210		
Toluene*	<0.050	0.050	09/29/2022	ND	2.20	110	2.00	1.41		
Ethylbenzene*	<0.050	0.050	09/29/2022	ND	2.05	103	2.00	1.04		
Total Xylenes*	<0.150	0.150	09/29/2022	ND	6.20	103	6.00	0.979		
Total BTEX	<0.300	0.300	09/29/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	09/28/2022	ND	416	104	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	09/27/2022	ND	208	104	200	1.75		
DRO >C10-C28*	<10.0	10.0	09/27/2022	ND	221	111	200	0.253		
EXT DRO >C28-C36	<10.0	10.0	09/27/2022	ND						

Surrogate: 1-Chlorooctane 87.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	09/26/2022	Sampling Date:	09/26/2022
Reported:	09/29/2022	Sampling Type:	Soil
Project Name:	PALOMA ST #1	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	STRATA - EDDY CO NM		

Sample ID: S - 10 1' (H224465-47)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/29/2022	ND	2.06	103	2.00	0.210	
Toluene*	<0.050	0.050	09/29/2022	ND	2.20	110	2.00	1.41	
Ethylbenzene*	<0.050	0.050	09/29/2022	ND	2.05	103	2.00	1.04	
Total Xylenes*	<0.150	0.150	09/29/2022	ND	6.20	103	6.00	0.979	
Total BTEX	<0.300	0.300	09/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/28/2022	ND	416	104	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	09/28/2022	ND	208	104	200	1.75	
DRO >C10-C28*	<10.0	10.0	09/28/2022	ND	221	111	200	0.253	
EXT DRO >C28-C36	<10.0	10.0	09/28/2022	ND					

Surrogate: 1-Chlorooctane 77.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 82.1 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	09/26/2022	Sampling Date:	09/26/2022
Reported:	09/29/2022	Sampling Type:	Soil
Project Name:	PALOMA ST #1	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	STRATA - EDDY CO NM		

Sample ID: S - 10 2' (H224465-48)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/29/2022	ND	2.06	103	2.00	0.210	
Toluene*	<0.050	0.050	09/29/2022	ND	2.20	110	2.00	1.41	
Ethylbenzene*	<0.050	0.050	09/29/2022	ND	2.05	103	2.00	1.04	
Total Xylenes*	<0.150	0.150	09/29/2022	ND	6.20	103	6.00	0.979	
Total BTEX	<0.300	0.300	09/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/28/2022	ND	416	104	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	09/28/2022	ND	208	104	200	1.75	
DRO >C10-C28*	196	10.0	09/28/2022	ND	221	111	200	0.253	
EXT DRO >C28-C36	210	10.0	09/28/2022	ND					

Surrogate: 1-Chlorooctane 90.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 108 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	09/26/2022	Sampling Date:	09/26/2022
Reported:	09/29/2022	Sampling Type:	Soil
Project Name:	PALOMA ST #1	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	STRATA - EDDY CO NM		

Sample ID: S - 10 3' (H224465-49)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/29/2022	ND	2.06	103	2.00	0.210	
Toluene*	<0.050	0.050	09/29/2022	ND	2.20	110	2.00	1.41	
Ethylbenzene*	<0.050	0.050	09/29/2022	ND	2.05	103	2.00	1.04	
Total Xylenes*	<0.150	0.150	09/29/2022	ND	6.20	103	6.00	0.979	
Total BTEX	<0.300	0.300	09/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/28/2022	ND	416	104	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	09/28/2022	ND	208	104	200	1.75	
DRO >C10-C28*	<10.0	10.0	09/28/2022	ND	221	111	200	0.253	
EXT DRO >C28-C36	<10.0	10.0	09/28/2022	ND					

Surrogate: 1-Chlorooctane 90.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.7 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	09/26/2022	Sampling Date:	09/26/2022
Reported:	09/29/2022	Sampling Type:	Soil
Project Name:	PALOMA ST #1	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	STRATA - EDDY CO NM		

Sample ID: S - 10 4' (H224465-50)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/29/2022	ND	2.06	103	2.00	0.210	
Toluene*	<0.050	0.050	09/29/2022	ND	2.20	110	2.00	1.41	
Ethylbenzene*	<0.050	0.050	09/29/2022	ND	2.05	103	2.00	1.04	
Total Xylenes*	<0.150	0.150	09/29/2022	ND	6.20	103	6.00	0.979	
Total BTEX	<0.300	0.300	09/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/28/2022	ND	416	104	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	09/28/2022	ND	208	104	200	1.75	
DRO >C10-C28*	<10.0	10.0	09/28/2022	ND	221	111	200	0.253	
EXT DRO >C28-C36	<10.0	10.0	09/28/2022	ND					

Surrogate: 1-Chlorooctane 97.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	09/26/2022	Sampling Date:	09/26/2022
Reported:	09/29/2022	Sampling Type:	Soil
Project Name:	PALOMA ST #1	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	STRATA - EDDY CO NM		

Sample ID: S - 11 SURFACE (H224465-51)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/29/2022	ND	2.06	103	2.00	0.210	
Toluene*	<0.050	0.050	09/29/2022	ND	2.20	110	2.00	1.41	
Ethylbenzene*	<0.050	0.050	09/29/2022	ND	2.05	103	2.00	1.04	
Total Xylenes*	<0.150	0.150	09/29/2022	ND	6.20	103	6.00	0.979	
Total BTEX	<0.300	0.300	09/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/28/2022	ND	416	104	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	09/28/2022	ND	208	104	200	1.75	
DRO >C10-C28*	<10.0	10.0	09/28/2022	ND	221	111	200	0.253	
EXT DRO >C28-C36	<10.0	10.0	09/28/2022	ND					

Surrogate: 1-Chlorooctane 100 % 45.3-161

Surrogate: 1-Chlorooctadecane 104 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	09/26/2022	Sampling Date:	09/26/2022
Reported:	09/29/2022	Sampling Type:	Soil
Project Name:	PALOMA ST #1	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	STRATA - EDDY CO NM		

Sample ID: S - 11 1' (H224465-52)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2022	ND	2.08	104	2.00	11.2	
Toluene*	<0.050	0.050	09/28/2022	ND	2.02	101	2.00	10.0	
Ethylbenzene*	<0.050	0.050	09/28/2022	ND	1.92	95.9	2.00	11.7	
Total Xylenes*	<0.150	0.150	09/28/2022	ND	5.97	99.5	6.00	12.1	
Total BTEX	<0.300	0.300	09/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/28/2022	ND	416	104	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	09/28/2022	ND	208	104	200	1.75	
DRO >C10-C28*	<10.0	10.0	09/28/2022	ND	221	111	200	0.253	
EXT DRO >C28-C36	<10.0	10.0	09/28/2022	ND					

Surrogate: 1-Chlorooctane 89.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	09/26/2022	Sampling Date:	09/26/2022
Reported:	09/29/2022	Sampling Type:	Soil
Project Name:	PALOMA ST #1	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	STRATA - EDDY CO NM		

Sample ID: S - 11 2' (H224465-53)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2022	ND	2.08	104	2.00	11.2	
Toluene*	<0.050	0.050	09/28/2022	ND	2.02	101	2.00	10.0	
Ethylbenzene*	<0.050	0.050	09/28/2022	ND	1.92	95.9	2.00	11.7	
Total Xylenes*	<0.150	0.150	09/28/2022	ND	5.97	99.5	6.00	12.1	
Total BTEX	<0.300	0.300	09/28/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/28/2022	ND	416	104	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	09/28/2022	ND	208	104	200	1.75	
DRO >C10-C28*	<10.0	10.0	09/28/2022	ND	221	111	200	0.253	
EXT DRO >C28-C36	<10.0	10.0	09/28/2022	ND					

Surrogate: 1-Chlorooctane 98.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 102 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	09/26/2022	Sampling Date:	09/26/2022
Reported:	09/29/2022	Sampling Type:	Soil
Project Name:	PALOMA ST #1	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	STRATA - EDDY CO NM		

Sample ID: S - 11 3' (H224465-54)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2022	ND	2.08	104	2.00	11.2	
Toluene*	<0.050	0.050	09/28/2022	ND	2.02	101	2.00	10.0	
Ethylbenzene*	<0.050	0.050	09/28/2022	ND	1.92	95.9	2.00	11.7	
Total Xylenes*	<0.150	0.150	09/28/2022	ND	5.97	99.5	6.00	12.1	
Total BTEX	<0.300	0.300	09/28/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/28/2022	ND	416	104	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	09/28/2022	ND	208	104	200	1.75	
DRO >C10-C28*	<10.0	10.0	09/28/2022	ND	221	111	200	0.253	
EXT DRO >C28-C36	<10.0	10.0	09/28/2022	ND					

Surrogate: 1-Chlorooctane 98.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 104 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	09/26/2022	Sampling Date:	09/26/2022
Reported:	09/29/2022	Sampling Type:	Soil
Project Name:	PALOMA ST #1	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	STRATA - EDDY CO NM		

Sample ID: S - 11 4' (H224465-55)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2022	ND	2.08	104	2.00	11.2	
Toluene*	<0.050	0.050	09/28/2022	ND	2.02	101	2.00	10.0	
Ethylbenzene*	<0.050	0.050	09/28/2022	ND	1.92	95.9	2.00	11.7	
Total Xylenes*	<0.150	0.150	09/28/2022	ND	5.97	99.5	6.00	12.1	
Total BTEX	<0.300	0.300	09/28/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/28/2022	ND	416	104	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	09/28/2022	ND	208	104	200	1.75	
DRO >C10-C28*	<10.0	10.0	09/28/2022	ND	221	111	200	0.253	
EXT DRO >C28-C36	<10.0	10.0	09/28/2022	ND					

Surrogate: 1-Chlorooctane 99.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	09/26/2022	Sampling Date:	09/26/2022
Reported:	09/29/2022	Sampling Type:	Soil
Project Name:	PALOMA ST #1	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	STRATA - EDDY CO NM		

Sample ID: S - 12 SURFACE (H224465-56)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2022	ND	2.08	104	2.00	11.2	
Toluene*	<0.050	0.050	09/28/2022	ND	2.02	101	2.00	10.0	
Ethylbenzene*	<0.050	0.050	09/28/2022	ND	1.92	95.9	2.00	11.7	
Total Xylenes*	<0.150	0.150	09/28/2022	ND	5.97	99.5	6.00	12.1	
Total BTEX	<0.300	0.300	09/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/28/2022	ND	416	104	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	09/27/2022	ND	229	114	200	5.23	
DRO >C10-C28*	<10.0	10.0	09/27/2022	ND	236	118	200	13.7	
EXT DRO >C28-C36	<10.0	10.0	09/27/2022	ND					

Surrogate: 1-Chlorooctane 89.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.6 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	09/26/2022	Sampling Date:	09/26/2022
Reported:	09/29/2022	Sampling Type:	Soil
Project Name:	PALOMA ST #1	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	STRATA - EDDY CO NM		

Sample ID: S - 12 1' (H224465-57)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2022	ND	2.08	104	2.00	11.2	
Toluene*	<0.050	0.050	09/28/2022	ND	2.02	101	2.00	10.0	
Ethylbenzene*	<0.050	0.050	09/28/2022	ND	1.92	95.9	2.00	11.7	
Total Xylenes*	<0.150	0.150	09/28/2022	ND	5.97	99.5	6.00	12.1	
Total BTEX	<0.300	0.300	09/28/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/28/2022	ND	416	104	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	09/28/2022	ND	229	114	200	5.23	
DRO >C10-C28*	<10.0	10.0	09/28/2022	ND	236	118	200	13.7	
EXT DRO >C28-C36	<10.0	10.0	09/28/2022	ND					

Surrogate: 1-Chlorooctane 81.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 88.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	09/26/2022	Sampling Date:	09/26/2022
Reported:	09/29/2022	Sampling Type:	Soil
Project Name:	PALOMA ST #1	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	STRATA - EDDY CO NM		

Sample ID: S - 12 2' (H224465-58)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2022	ND	2.08	104	2.00	11.2	
Toluene*	<0.050	0.050	09/28/2022	ND	2.02	101	2.00	10.0	
Ethylbenzene*	<0.050	0.050	09/28/2022	ND	1.92	95.9	2.00	11.7	
Total Xylenes*	<0.150	0.150	09/28/2022	ND	5.97	99.5	6.00	12.1	
Total BTEX	<0.300	0.300	09/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/28/2022	ND	416	104	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	09/28/2022	ND	229	114	200	5.23	
DRO >C10-C28*	519	10.0	09/28/2022	ND	236	118	200	13.7	
EXT DRO >C28-C36	351	10.0	09/28/2022	ND					

Surrogate: 1-Chlorooctane 82.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	09/26/2022	Sampling Date:	09/26/2022
Reported:	09/29/2022	Sampling Type:	Soil
Project Name:	PALOMA ST #1	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	STRATA - EDDY CO NM		

Sample ID: S - 12 3' (H224465-59)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2022	ND	2.08	104	2.00	11.2	
Toluene*	<0.050	0.050	09/28/2022	ND	2.02	101	2.00	10.0	
Ethylbenzene*	<0.050	0.050	09/28/2022	ND	1.92	95.9	2.00	11.7	
Total Xylenes*	<0.150	0.150	09/28/2022	ND	5.97	99.5	6.00	12.1	
Total BTEX	<0.300	0.300	09/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/28/2022	ND	416	104	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	09/27/2022	ND	229	114	200	5.23	
DRO >C10-C28*	<10.0	10.0	09/27/2022	ND	236	118	200	13.7	
EXT DRO >C28-C36	<10.0	10.0	09/27/2022	ND					

Surrogate: 1-Chlorooctane 86.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.8 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	09/26/2022	Sampling Date:	09/26/2022
Reported:	09/29/2022	Sampling Type:	Soil
Project Name:	PALOMA ST #1	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	STRATA - EDDY CO NM		

Sample ID: S - 12 4' (H224465-60)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2022	ND	2.08	104	2.00	11.2	
Toluene*	<0.050	0.050	09/28/2022	ND	2.02	101	2.00	10.0	
Ethylbenzene*	<0.050	0.050	09/28/2022	ND	1.92	95.9	2.00	11.7	
Total Xylenes*	<0.150	0.150	09/28/2022	ND	5.97	99.5	6.00	12.1	
Total BTEX	<0.300	0.300	09/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/28/2022	ND	416	104	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	09/27/2022	ND	229	114	200	5.23	
DRO >C10-C28*	<10.0	10.0	09/27/2022	ND	236	118	200	13.7	
EXT DRO >C28-C36	<10.0	10.0	09/27/2022	ND					

Surrogate: 1-Chlorooctane 81.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.8 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO ANALYSIS REQUEST

Company Name: 11
 Project Manager: 11
 Address: 11
 City: 11 State: 11 Zip: 11
 Phone #: 11 Fax #: 11
 Project #: 11 Project Owner: 11
 Project Name: 11
 Project Location: 11
 Sampler Name: 11
 P.O. #: 11
 Company: 11
 Attn: 11
 Address: 11
 City: 11 State: 11 Zip: 11
 Phone #: 11 Fax #: 11

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	REMARKS
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			
11	5-3 SURFACE	1	1						9/24		TP# EXT	
13	"	2'	1								DTEX	
14	"	3'	1								Chlorides	
15	"	4'	1									
10	OS-H SUBJECT	1	1									
17	"	2'	1									
18	"	3'	1									
19	"	4'	1									
20	"	4'	1									

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Relinquished By: [Signature]
 Date: 9/21
 Time: 10:30
 Received By: [Signature]
 Date: 9/24
 Time: [Blank]
 Received By: [Signature]

Delivered By: (Circle One) Observed Temp. °C: 2.0
 Corrected Temp. °C: -3.2
 Sample Condition: Cool Intact Yes No
 Checked By: [Signature]
 Turnaround Time: Standard Rush
 Bacteria (only) Sample Condition: Cool Intact Yes No
 Observed Temp. °C: [Blank]
 Corrected Temp. °C: [Blank]



101 East Marland, Hobbs, NM 88240
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>11</u>		P.O. #:		BILL TO		ANALYSIS REQUEST	
Project Manager: <u>11</u>		Company: <u>11</u>					
Address: <u>11</u>		Attn: <u>11</u>					
City: <u>11</u> State: <u>11</u> Zip: <u>11</u>		Address: <u>11</u>					
Phone #: <u>11</u> Fax #: <u>11</u>		City: <u>11</u>					
Project #: <u>11</u> Project Owner: <u>11</u>		State: <u>11</u> Zip: <u>11</u>					
Project Location: <u>11</u>		Phone #: <u>11</u>					
Sampler Name: <u>11</u>		Fax #: <u>11</u>					
FOR LAB USE ONLY							
Lab I.D. <u>11</u> Sample I.D. <u>11</u>		(G)RAB OR (C)OMP.		DATE		TIME	
		# CONTAINERS <u>11</u>		<u>9/29</u>			
		GROUNDWATER		DATE		TIME	
		WASTEWATER		<u>9/29</u>			
		SOIL					
		OIL					
		SLUDGE					
		OTHER:					
		ACID/BASE:					
		ICE / COOL					
		OTHER:					
		PRESERV.					
		SAMPLING					
21 <u>5-5</u> <u>surface</u>		<u>1</u>		<u>9/29</u>		<u>TPH EXT</u>	
22 <u>11</u> <u>1</u>		<u>1</u>				<u>BTEX</u>	
23 <u>11</u> <u>2</u>		<u>1</u>				<u>Chloride</u>	
24 <u>11</u> <u>3</u>		<u>1</u>					
25 <u>11</u> <u>4</u>		<u>1</u>					
26 <u>5-6</u> <u>surface</u>		<u>1</u>					
27 <u>11</u> <u>1</u>		<u>1</u>					
28 <u>11</u> <u>2</u>		<u>1</u>					
29 <u>11</u> <u>3</u>		<u>1</u>					
30 <u>11</u> <u>4</u>		<u>1</u>					

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Relinquished By: [Signature] Date: 9/29 Received By: [Signature] Date: 9/29

Delivered By: (Circle One) Observed Temp. °C: -2.10 Sample Condition Cool Intact CHECKED BY: [Signature] Turnaround Time: Standard Bacteria (only) Sample Condition Cool Intact

Sampler - UPS - Bus - Other: Corrected Temp. °C: -3.2 Yes No Thermometer ID #113 Yes No Correction Factor -0.5°C Yes No Corrected Temp. °C

† 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: 1		BILL TO	
Project Manager: 1	P.O. #:	ANALYSIS REQUEST	
Address: 1	Company: 1		
City: 1 State: 1 Zip: 1	Attn:		
Phone #: 1 Fax #: 1	Address:		
Project #: 1 Project Owner: 1	City:		
Project Name: 1	State: 1 Zip: 1		
Project Location: 1	Phone #: 1		
Sampler Name: 1	Fax #: 1		

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	REMARKS
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			
11024405	5-7	9							9/29		TPH EXT BTEX Chloride	
31	1											
32	2											
33	3											
34	4											
35	5											
36	6											
37	7											
38	8											
39	9											
40	10											

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Relinquished By: [Signature]	Received By: [Signature]
Date: 9/29	Date: 9/29
Time: 4:40pm	Time: 4:40pm
Date: 9/29	Date: 9/29
Time: 4:40pm	Time: 4:40pm

Delivered By: (Circle One)	Observed Temp. °C	Sample Condition	CHECKED BY:	Turnaround Time:	Standard	Bacteria (only)
Sampler - UPS - Bus - Other:	Corrected Temp. °C	Cool Intact	(Initials)	Thermometer ID #113	Krush	Cool Intact
		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Correction Factor -0.6°C		Yes <input type="checkbox"/> No <input type="checkbox"/>
						Sample Condition
						Observed Temp. °C
						Corrected Temp. °C

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: 1		BILL TO		ANALYSIS REQUEST	
Project Manager: 11	P.O. #:	Company: 11			
Address: 11	City: 11	State: 11	Zip: 11		
Phone #: 11	Fax #: 11	Project Owner: 11	City: 11	State: 11	Zip: 11
Project #: 11	Project Location: 11	Sample Name: 11	Phone #: 11		
FOR LAB USE ONLY		(G)RAB OR (C)OMP.	PRESERV.	SAMPLING	
Lab I.D. H244445 51 52 53 54 56 57 58 59 100	Sample I.D. 5-11 1 21 31 41 5-12 1 21 31 41 100	# CONTAINERS	MATRIX	DATE	TIME
		GROUNDWATER	SOIL	9/29	
		WASTEWATER	OIL		
		SLUDGE	OTHER :		
		ACID/BASE:	ICE / COOL		
		OTHER :			
		TPH EXT			
		BTEX			
		Chlorides			

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Relinquished By: [Signature]
 Date: 9/29
 Received By: [Signature]
 Date: 9/29

Turnaround Time: Standard Rush
 Thermometer ID #113
 Correction Factor -0.6°C
 Bacteria (only) Cool Intact Yes No
 Sample Condition Observed Temp. °C Corrected Temp. °C



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

October 13, 2022

CASON SPURLOCK
PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS, NM 88242

RE: PALOMA STATE

Enclosed are the results of analyses for samples received by the laboratory on 10/13/22 8:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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 style.

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/13/2022	Sampling Type:	Soil
Project Name:	PALOMA STATE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	STRATA - LEA COUNTY		

Sample ID: S - 1 SW (H224806-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2022	ND	2.14	107	2.00	9.43	
Toluene*	<0.050	0.050	10/13/2022	ND	2.06	103	2.00	8.92	
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	2.02	101	2.00	8.12	
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.10	102	6.00	7.22	
Total BTEX	<0.300	0.300	10/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/13/2022	ND	432	108	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	10/13/2022	ND	217	109	200	0.997	
DRO >C10-C28*	<10.0	10.0	10/13/2022	ND	228	114	200	0.242	
EXT DRO >C28-C36	<10.0	10.0	10/13/2022	ND					

Surrogate: 1-Chlorooctane 81.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.8 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/13/2022	Sampling Type:	Soil
Project Name:	PALOMA STATE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	STRATA - LEA COUNTY		

Sample ID: S - 1 BOTTOM (H224806-02)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	2.14	107	2.00	9.43		
Toluene*	<0.050	0.050	10/13/2022	ND	2.06	103	2.00	8.92		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	2.02	101	2.00	8.12		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.10	102	6.00	7.22		
Total BTEX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.1 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/13/2022	ND	432	108	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	10/13/2022	ND	217	109	200	0.997		
DRO >C10-C28*	<10.0	10.0	10/13/2022	ND	228	114	200	0.242		
EXT DRO >C28-C36	<10.0	10.0	10/13/2022	ND						

Surrogate: 1-Chlorooctane 84.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 100 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/13/2022	Sampling Type:	Soil
Project Name:	PALOMA STATE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	STRATA - LEA COUNTY		

Sample ID: S - 4 SW (H224806-03)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	2.14	107	2.00	9.43		
Toluene*	<0.050	0.050	10/13/2022	ND	2.06	103	2.00	8.92		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	2.02	101	2.00	8.12		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.10	102	6.00	7.22		
Total BTEX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	10/13/2022	ND	432	108	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	10/13/2022	ND	217	109	200	0.997		
DRO >C10-C28*	<10.0	10.0	10/13/2022	ND	228	114	200	0.242		
EXT DRO >C28-C36	<10.0	10.0	10/13/2022	ND						

Surrogate: 1-Chlorooctane 87.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 108 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received: 10/13/2022
 Reported: 10/13/2022
 Project Name: PALOMA STATE
 Project Number: NOT GIVEN
 Project Location: STRATA - LEA COUNTY

Sampling Date: 10/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 4 BOTTOM (H224806-04)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	2.14	107	2.00	9.43		
Toluene*	<0.050	0.050	10/13/2022	ND	2.06	103	2.00	8.92		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	2.02	101	2.00	8.12		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.10	102	6.00	7.22		
Total BTEX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/13/2022	ND	432	108	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	10/13/2022	ND	217	109	200	0.997		
DRO >C10-C28*	<10.0	10.0	10/13/2022	ND	228	114	200	0.242		
EXT DRO >C28-C36	<10.0	10.0	10/13/2022	ND						

Surrogate: 1-Chlorooctane 87.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 106 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received: 10/13/2022
 Reported: 10/13/2022
 Project Name: PALOMA STATE
 Project Number: NOT GIVEN
 Project Location: STRATA - LEA COUNTY

Sampling Date: 10/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 6 SW (H224806-05)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	2.14	107	2.00	9.43		
Toluene*	<0.050	0.050	10/13/2022	ND	2.06	103	2.00	8.92		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	2.02	101	2.00	8.12		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.10	102	6.00	7.22		
Total BTEX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/13/2022	ND	432	108	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	10/13/2022	ND	217	109	200	0.997		
DRO >C10-C28*	10.4	10.0	10/13/2022	ND	228	114	200	0.242		
EXT DRO >C28-C36	<10.0	10.0	10/13/2022	ND						

Surrogate: 1-Chlorooctane 92.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 110 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/13/2022	Sampling Type:	Soil
Project Name:	PALOMA STATE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	STRATA - LEA COUNTY		

Sample ID: S - 6 BOTTOM (H224806-06)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	2.14	107	2.00	9.43		
Toluene*	<0.050	0.050	10/13/2022	ND	2.06	103	2.00	8.92		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	2.02	101	2.00	8.12		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.10	102	6.00	7.22		
Total BTEX	<0.300	0.300	10/13/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/13/2022	ND	432	108	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	10/13/2022	ND	217	109	200	0.997		
DRO >C10-C28*	<10.0	10.0	10/13/2022	ND	228	114	200	0.242		
EXT DRO >C28-C36	<10.0	10.0	10/13/2022	ND						

Surrogate: 1-Chlorooctane 98.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 122 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received: 10/13/2022
 Reported: 10/13/2022
 Project Name: PALOMA STATE
 Project Number: NOT GIVEN
 Project Location: STRATA - LEA COUNTY

Sampling Date: 10/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 7 SW (H224806-07)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2022	ND	2.14	107	2.00	9.43	
Toluene*	<0.050	0.050	10/13/2022	ND	2.06	103	2.00	8.92	
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	2.02	101	2.00	8.12	
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.10	102	6.00	7.22	
Total BTEX	<0.300	0.300	10/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/13/2022	ND	432	108	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	10/13/2022	ND	217	109	200	0.997	
DRO >C10-C28*	<10.0	10.0	10/13/2022	ND	228	114	200	0.242	
EXT DRO >C28-C36	<10.0	10.0	10/13/2022	ND					

Surrogate: 1-Chlorooctane 100 % 45.3-161

Surrogate: 1-Chlorooctadecane 121 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received: 10/13/2022
 Reported: 10/13/2022
 Project Name: PALOMA STATE
 Project Number: NOT GIVEN
 Project Location: STRATA - LEA COUNTY

Sampling Date: 10/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 7 BOTTOM (H224806-08)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2022	ND	2.14	107	2.00	9.43	
Toluene*	<0.050	0.050	10/13/2022	ND	2.06	103	2.00	8.92	
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	2.02	101	2.00	8.12	
Total Xylenes*	<0.150	0.150	10/13/2022	ND	6.10	102	6.00	7.22	
Total BTEX	<0.300	0.300	10/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	10/13/2022	ND	432	108	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	10/13/2022	ND	217	109	200	0.997	
DRO >C10-C28*	<10.0	10.0	10/13/2022	ND	228	114	200	0.242	
EXT DRO >C28-C36	<10.0	10.0	10/13/2022	ND					

Surrogate: 1-Chlorooctane 93.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 114 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received: 10/13/2022
 Reported: 10/13/2022
 Project Name: PALOMA STATE
 Project Number: NOT GIVEN
 Project Location: STRATA - LEA COUNTY

Sampling Date: 10/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 8 SW (H224806-09)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2022	ND	1.93	96.6	2.00	10.4	
Toluene*	<0.050	0.050	10/13/2022	ND	2.11	105	2.00	8.79	
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.96	98.0	2.00	9.05	
Total Xylenes*	<0.150	0.150	10/13/2022	ND	5.92	98.7	6.00	10.1	
Total BTEX	<0.300	0.300	10/13/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/13/2022	ND	432	108	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	10/13/2022	ND	193	96.3	200	0.921	
DRO >C10-C28*	<10.0	10.0	10/13/2022	ND	194	96.9	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	10/13/2022	ND					

Surrogate: 1-Chlorooctane 98.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 105 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received: 10/13/2022
 Reported: 10/13/2022
 Project Name: PALOMA STATE
 Project Number: NOT GIVEN
 Project Location: STRATA - LEA COUNTY

Sampling Date: 10/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 8 BOTTOM (H224806-10)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2022	ND	1.93	96.6	2.00	10.4	
Toluene*	<0.050	0.050	10/13/2022	ND	2.11	105	2.00	8.79	
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.96	98.0	2.00	9.05	
Total Xylenes*	<0.150	0.150	10/13/2022	ND	5.92	98.7	6.00	10.1	
Total BTEX	<0.300	0.300	10/13/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/13/2022	ND	432	108	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	10/13/2022	ND	193	96.3	200	0.921	
DRO >C10-C28*	<10.0	10.0	10/13/2022	ND	194	96.9	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	10/13/2022	ND					

Surrogate: 1-Chlorooctane 92.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.9 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/13/2022	Sampling Type:	Soil
Project Name:	PALOMA STATE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	STRATA - LEA COUNTY		

Sample ID: S - 10 SW (H224806-11)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2022	ND	1.93	96.6	2.00	10.4	
Toluene*	<0.050	0.050	10/13/2022	ND	2.11	105	2.00	8.79	
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.96	98.0	2.00	9.05	
Total Xylenes*	<0.150	0.150	10/13/2022	ND	5.92	98.7	6.00	10.1	
Total BTEX	<0.300	0.300	10/13/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	10/13/2022	ND	432	108	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	10/13/2022	ND	193	96.3	200	0.921	
DRO >C10-C28*	<10.0	10.0	10/13/2022	ND	194	96.9	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	10/13/2022	ND					

Surrogate: 1-Chlorooctane 94.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/13/2022	Sampling Type:	Soil
Project Name:	PALOMA STATE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	STRATA - LEA COUNTY		

Sample ID: S - 10 BOTTOM (H224806-12)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2022	ND	1.93	96.6	2.00	10.4	
Toluene*	<0.050	0.050	10/13/2022	ND	2.11	105	2.00	8.79	
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.96	98.0	2.00	9.05	
Total Xylenes*	<0.150	0.150	10/13/2022	ND	5.92	98.7	6.00	10.1	
Total BTEX	<0.300	0.300	10/13/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/13/2022	ND	432	108	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	10/13/2022	ND	193	96.3	200	0.921	
DRO >C10-C28*	<10.0	10.0	10/13/2022	ND	194	96.9	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	10/13/2022	ND					

Surrogate: 1-Chlorooctane 97.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 104 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received: 10/13/2022
 Reported: 10/13/2022
 Project Name: PALOMA STATE
 Project Number: NOT GIVEN
 Project Location: STRATA - LEA COUNTY

Sampling Date: 10/12/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 12 SW (H224806-13)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2022	ND	1.93	96.6	2.00	10.4	
Toluene*	<0.050	0.050	10/13/2022	ND	2.11	105	2.00	8.79	
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.96	98.0	2.00	9.05	
Total Xylenes*	<0.150	0.150	10/13/2022	ND	5.92	98.7	6.00	10.1	
Total BTEX	<0.300	0.300	10/13/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/13/2022	ND	432	108	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	10/13/2022	ND	193	96.3	200	0.921	
DRO >C10-C28*	<10.0	10.0	10/13/2022	ND	194	96.9	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	10/13/2022	ND					

Surrogate: 1-Chlorooctane 90.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.1 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/13/2022	Sampling Type:	Soil
Project Name:	PALOMA STATE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	STRATA - LEA COUNTY		

Sample ID: S - 12 BOTTOM (H224806-14)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/13/2022	ND	1.93	96.6	2.00	10.4		
Toluene*	<0.050	0.050	10/13/2022	ND	2.11	105	2.00	8.79		
Ethylbenzene*	<0.050	0.050	10/13/2022	ND	1.96	98.0	2.00	9.05		
Total Xylenes*	<0.150	0.150	10/13/2022	ND	5.92	98.7	6.00	10.1		
Total BTEX	<0.300	0.300	10/13/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	10/13/2022	ND	432	108	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	10/13/2022	ND	193	96.3	200	0.921		
DRO >C10-C28*	<10.0	10.0	10/13/2022	ND	194	96.9	200	1.85		
EXT DRO >C28-C36	<10.0	10.0	10/13/2022	ND						

Surrogate: 1-Chlorooctane 86.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.2 % 46.3-178

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Notes and Definitions

- BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1 of 2

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

BILL TO

ANALYSIS REQUEST

Company Name: Paragon Environmental		P.O. #:					
Project Manager: Cason Spurlock		Company: Strata					
Address: 5002 Carriage Rd		Attn: Jerry Elgin					
City: Hobbs		Address:					
State: NM zip: 88242		City:					
Phone #: 575-631-6977		State:					
Fax #:		Zip:					
Project #: Project Owner: Strata		Phone #:					
Project Name: Paloma State		Fax #:					
Project Location: Lea County		PRESERV:					
Sampler Name: Jeremy Walker		SAMPLING					
FOR LAB USE ONLY							
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	DATE	TIME	TPH EXT	BTEX	Chlorides
H224806	1 S-1 SW	# CONTAINERS	10/2-22				
	2 S-1 Bottom	GROUNDWATER					
	3 S-4 SW	WASTEWATER					
	4 S-4 Bottom	SOIL					
	5 S-6 SW	OIL					
	6 S-4 Bottom	SLUDGE					
	7 S-7 SW	OTHER:					
	8 S-7 Bottom	ACID/BASE:					
	9 S-8 SW	ICE / COOL					
	10 S-8 Bottom	OTHER:					

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Relinquished By: Jeremy Walker Date: 10-13-22
 Received By: [Signature] Date: 10-13-22

Delivered By: (Circle One) Jeremy Walker
 Sample Condition: Cool Intact Yes No

Checked By: [Signature] (Initials) J.E. #113

REMARKS: Email results to Chris Jones Same Day

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

Form C-141

State of New Mexico
Oil Conservation Division

Page 6

Incident ID	NJXK1523953591
District RP	
Facility ID	
Application ID	

Closure

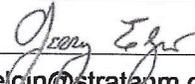
The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled 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: Jerry Elgin Title: Vice President Operations

Signature:  Date: 07/15/2022

email: jelgin@stratnm.com Telephone: (575) 622-1127

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: 10/26/2022

Printed Name: Jennifer Nobui Title: Environmental Specialist A

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 151369

CONDITIONS

Operator: STRATA PRODUCTION CO P.O. Box 1030 Roswell, NM 882021030	OGRID: 21712
	Action Number: 151369
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	10/26/2022