

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	NGRL0930854386
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: Strata Production Company	OGRID: 21712
Contact Name: Rachel Fresquez	Contact Telephone: 575-622-1127 ext. 13
Contact email: rfresquez@stratanm.com	Incident # (assigned by OCD): nGRL0930854386
Contact mailing address: P.O. Box 1030	Roswell, New Mexico 88202-1030

Location of Release Source

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

Site Name: Clearly State #1	Site Type: SWD
Date Release Discovered: September 23, 2009 @ 3:45 PM	API# (if applicable): 30-025-24540-00-00

Unit Letter	Section	Township	Range	County
N	32	20S	33E	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 type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls): 100 BBLS	Volume Recovered (bbls): 50 BBLS
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release:


Found hole in casing 4' below surface. Shut in facility. Called vac truck with backhoe and gang. Set frac tank to capture water. Cleaned location. Pick up contaminated soils. Meet with OCD and Environmental agent.

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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? Due to the volume of the release. Volume of produced water released was 100 BBLS and left contaminated soil (Chlorides).
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc.)? Immediate notice by Frank S. Morgan to Buddy Hill OCD in Hobbs.	

Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why: 	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: <u>Rachel Fresquez</u>	Title: <u>Regulatory Analyst</u>
Signature: <u></u>	Date: <u>4/12/2023</u>
email: <u>rfresquez@stratanm.com</u>	Telephone: <u>575-622-1127 ext. 13</u>
<u>OCD Only</u>	
Received by: _____	Date: _____

Incident ID	NGRL0930854386
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Site Assessment/Characterization

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

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

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


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

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☒ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within 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.

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Printed Name: Rachel Fresquez Title: Regulatory Analyst
Signature:  Date: 4/12/2023
email: rfresquez@stratanm.com Telephone: 575-622-1127 ext. 13

OCD Only

Received by: Jocelyn Harimon Date: 04/12/2023

Incident ID	NGRL0930854386
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Remediation Plan

Remediation Plan Checklist: *Each of the following items must be included in the plan.*

- ☒ Detailed description of proposed remediation technique
 - ☒ Scaled sitemap with GPS coordinates showing delineation points.
 - ☒ Estimated volume of material to be remediated.
 - ☒ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC.
 - ☒ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)
- Remediation has been completed.**

Deferral Requests Only: *Each of the following items must be confirmed as part of any request for deferral of remediation.*

- ☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ Extents of contamination must be fully delineated.
- ☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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Printed Name: Rachel Fresquez Title: Regulatory Analyst

Signature:  Date: 4/12/2023

email: rfresquez@stratanm.com Telephone: 575-622-1127 ext. 13

OCD Only

Received by: Jocelyn Harimon Date: 04/12/2023

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____ Date: _____

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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: **On 10/24/22 site wide (Sample points 1-13) samples were taken to a depth of 4' to delineate the area to be excavated. Lab results received determined that only the low point(Sample Points 9& 10) on location needed to be excavated. On 11/4/22 soil was largely over excavated around sample points 9-10 to a depth of 5'. Samples were taken to a depth 6'6" and taken to the lab. Lab results showed chlorides to still be high. On 11/9/22 excavation site was deepened to 7' and samples were taken to a depth of 10'. Lab results showed high chlorides at sample point 10. On 11/10/22 the excavation area was deepened to 10' and samples were taken to a depth of 14'. Lab results showed clean results at 14' depth and site were over excavated to 15' to ensure all chloride contaminated soil was recovered. All contaminated soil was hauled to Lea Land for remediation and clean material brought in from Lea Land to back fill site. On 4/10/23 for closure the site was opened up to take composite samples across the excavation area in 200 sqft grids across the walls and floor of the excavation. A second site map (Composite Sample Mapping) is included to show points along the excavation where samples were taken across the walls and floor. All samples are below the most stringent requirements for remediation. Strata has met the requirement for clean up per the shallowest/most stringent requirements and therefore is requesting closure of the spill and to not be required to determine groundwater depth as all clean up requirements have been met for clean up per the requirements.**

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Printed Name: Rachel Fresquez Title: Regulatory Analyst
Signature:  Date: 4/12/2023
email: rfresquez@stratanm.com Telephone: 575-622-1127 ext. 13

State of New Mexico
Oil Conservation Division

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OCD OnlyReceived by: Jocelyn HarimonDate: 04/12/2023

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



Closure Approved by: Date: 5/31/2023Printed Name: Brittany HallTitle: Environmental Specialist

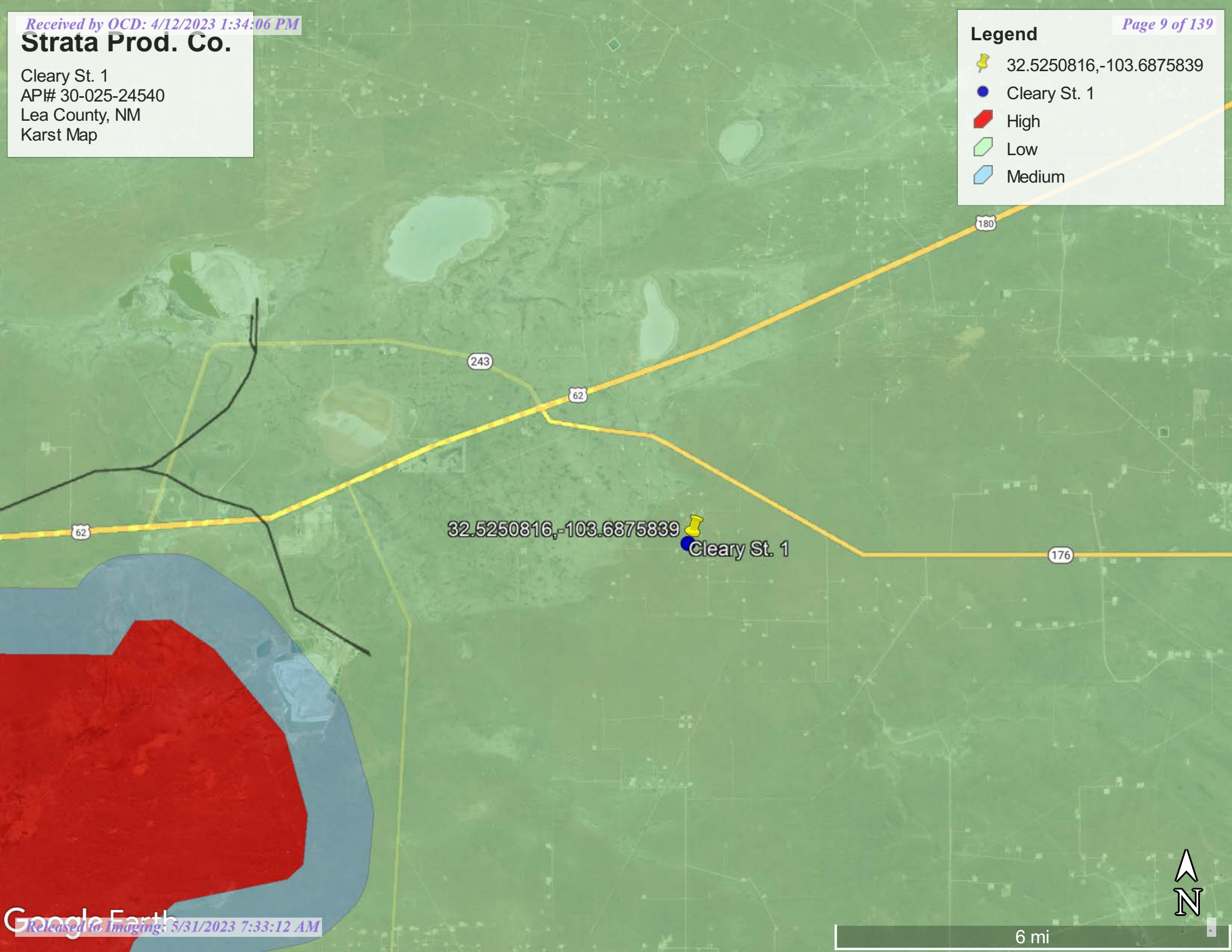


Strata Prod. Co.

Cleary St. 1
API# 30-025-24540
Lea County, NM
Karst Map

Legend

-  32.5250816,-103.6875839
-  Cleary St. 1
-  High
-  Low
-  Medium





Map Unit Description: Sharvana loamy fine sand, dry---Lea County, New Mexico

Lea County, New Mexico

SA—Sharvana loamy fine sand, dry

Map Unit Setting

National map unit symbol: 2tw38

Elevation: 2,500 to 4,600 feet

Mean annual precipitation: 14 to 16 inches

Mean annual air temperature: 57 to 63 degrees F

Frost-free period: 180 to 220 days

Farmland classification: Farmland of statewide importance

Map Unit Composition

Sharvana, dry, and similar soils: 85 percent

Minor components: 15 percent

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

Description of Sharvana, Dry

Setting

Landform: Playa rims, plains

Down-slope shape: Convex, linear

Across-slope shape: Linear

Parent material: Calcareous loamy eolian deposits

Typical profile

A - 0 to 7 inches: loamy fine sand

Bt - 7 to 18 inches: fine sandy loam

Bkkm - 18 to 28 inches: cemented material

BCKk - 28 to 80 inches: gravelly sandy loam

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: 8 to 22 inches to petrocalcic

Drainage class: Well drained

Runoff class: Very high

Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.01 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 90 percent

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum: 5.0

Available water supply, 0 to 60 inches: Very low (about 2.3 inches)

Interpretive groups

Land capability classification (irrigated): 4s

Land capability classification (nonirrigated): 6s

Hydrologic Soil Group: D

Map Unit Description: Sharvana loamy fine sand, dry---Lea County, New Mexico

Ecological site: R077DY049TX - Very Shallow 12-17" PZ
Forage suitability group: Unnamed (G077DH000TX)
Other vegetative classification: Unnamed (G077DH000TX)
Hydric soil rating: No

Minor Components

Eunice

Percent of map unit: 8 percent
Landform: Plains
Down-slope shape: Linear
Across-slope shape: Convex
Ecological site: R077DY049TX - Very Shallow 12-17" PZ
Hydric soil rating: No

Douro

Percent of map unit: 4 percent
Landform: Plains
Down-slope shape: Linear
Across-slope shape: Linear
Ecological site: R077DY046TX - Sandy 12-17" PZ
Hydric soil rating: No

Amarose

Percent of map unit: 3 percent
Landform: Plains
Down-slope shape: Linear
Across-slope shape: Linear
Ecological site: R077DY046TX - Sandy 12-17" PZ
Hydric soil rating: No

Data Source Information

Soil Survey Area: Lea County, New Mexico
Survey Area Data: Version 19, Sep 8, 2022



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

No records found.

UTMNAD83 Radius Search (in meters):

Easting (X): 623258.372 **Northing (Y):** 3599398 **Radius:** 1600

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.



10/19/22 9:41 AM

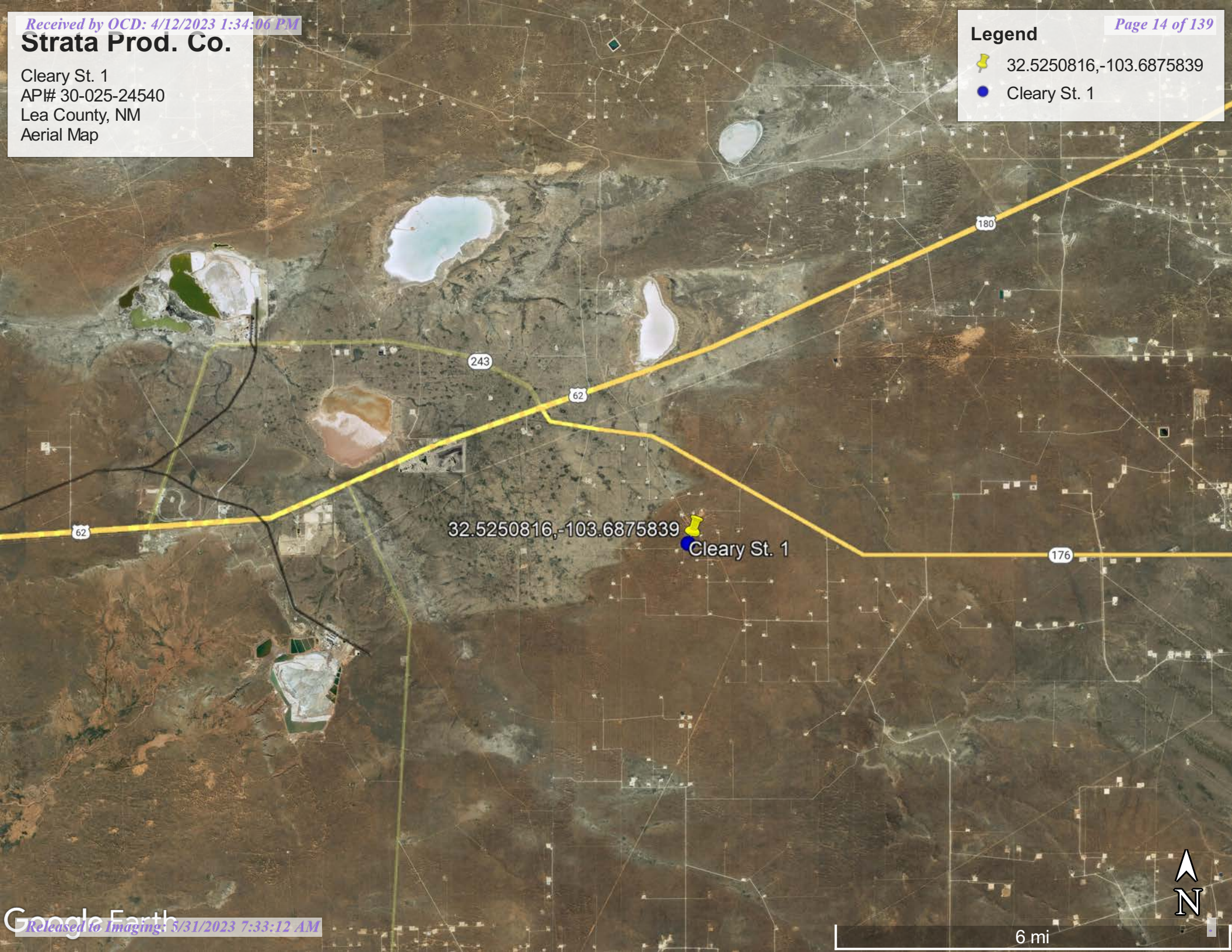
WATER COLUMN/ AVERAGE
DEPTH TO WATER

Strata Prod. Co.

Cleary St. 1
API# 30-025-24540
Lea County, NM
Aerial Map

Legend

-  32.5250816,-103.6875839
-  Cleary St. 1





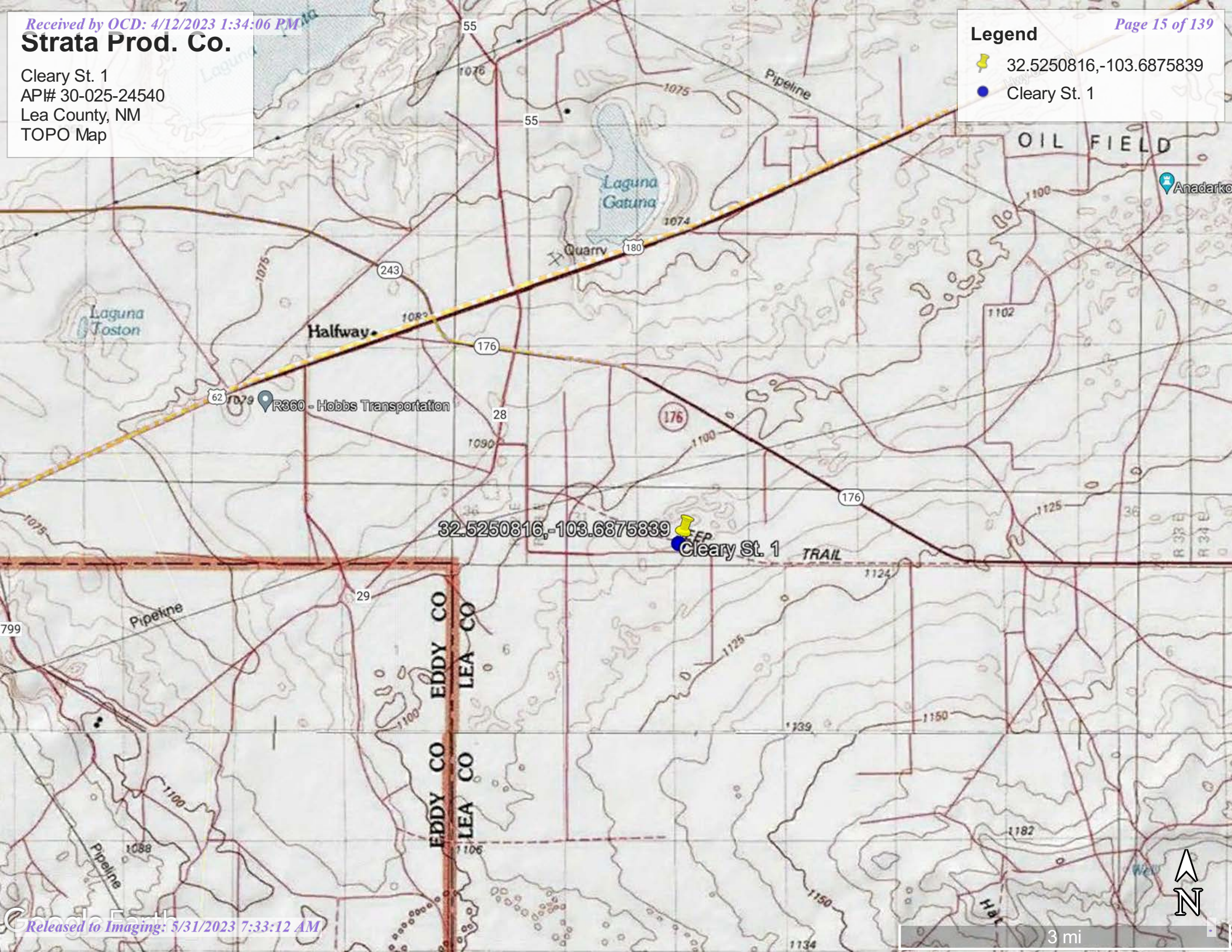
6 mi

Strata Prod. Co.

Cleary St. 1
API# 30-025-24540
Lea County, NM
TOPO Map

Legend

-  32.5250816,-103.6875839
-  Cleary St. 1



10/24/22 - Initial Results and Delineation of Contamination								
Sample Point	Depth	BTEX	Benzene	GRO	DRO	MRO	Total TPH	Chlorides
1	0.5'	ND	ND	ND	ND	ND	ND	32
1	1'	ND	ND	ND	ND	ND	ND	48
1	2'	ND	ND	ND	ND	ND	ND	144
1	3'	ND	ND	ND	ND	ND	ND	48
1	4'	ND	ND	ND	ND	ND	ND	48
2	0.5'	ND	ND	ND	ND	ND	ND	16
2	1'	ND	ND	ND	ND	ND	ND	64
2	2'	ND	ND	ND	ND	ND	ND	64
2	3'	ND	ND	ND	ND	ND	ND	48
2	4'	ND	ND	ND	ND	ND	ND	48
3	0.5'	ND	ND	ND	ND	ND	ND	ND
3	1'	ND	ND	ND	ND	ND	ND	32
3	2'	ND	ND	ND	ND	ND	ND	112
3	3'	ND	ND	ND	ND	ND	ND	80
3	4'	ND	ND	ND	ND	ND	ND	80
4	0.5'	ND	ND	ND	ND	ND	ND	ND
4	1'	ND	ND	ND	ND	ND	ND	48
4	2'	ND	ND	ND	ND	ND	ND	80
4	3'	ND	ND	ND	ND	ND	ND	96
4	4'	ND	ND	ND	ND	ND	ND	112
5	0.5'	ND	ND	ND	ND	ND	ND	144
5	1'	ND	ND	ND	ND	ND	ND	128
5	2'	ND	ND	ND	ND	ND	ND	176
5	3'	ND	ND	ND	ND	ND	ND	192
5	4'	ND	ND	ND	ND	ND	ND	192
6	0.5'	ND	ND	ND	ND	ND	ND	240
6	1'	ND	ND	ND	ND	ND	ND	128
6	2'	ND	ND	ND	ND	ND	ND	112
6	3'	ND	ND	ND	ND	ND	ND	304
6	4'	ND	ND	ND	ND	ND	ND	144
7	0.5'	ND	ND	ND	ND	ND	ND	16
7	1'	ND	ND	ND	ND	ND	ND	32
7	2'	ND	ND	ND	ND	ND	ND	128
7	3'	ND	ND	ND	ND	ND	ND	288
7	4'	ND	ND	ND	ND	ND	ND	320
8	0.5'	ND	ND	ND	ND	ND	ND	16
8	1'	ND	ND	ND	ND	ND	ND	64
8	2'	ND	ND	ND	ND	ND	ND	64
8	3'	ND	ND	ND	ND	ND	ND	32
8	4'	ND	ND	ND	ND	ND	ND	80
9	0.5'	ND	ND	ND	ND	ND	ND	112
9	1'	ND	ND	ND	ND	ND	ND	208
9	2'	ND	ND	ND	ND	ND	ND	496
9	3'	ND	ND	ND	ND	ND	ND	880

9	4'	ND	ND	ND	ND	ND	ND	1280
10	0.5'	ND	ND	ND	ND	ND	ND	3520
10	1'	ND	ND	ND	ND	ND	ND	3680
10	2'	ND	ND	ND	ND	ND	ND	1040
10	3'	ND	ND	ND	ND	ND	ND	2400
10	4'	ND	ND	ND	ND	ND	ND	2200
11	0.5'	ND	ND	ND	ND	ND	ND	160
11	1'	ND	ND	ND	ND	ND	ND	304
11	2'	ND	ND	ND	ND	ND	ND	448
11	3'	ND	ND	ND	ND	ND	ND	400
11	4'	ND	ND	ND	ND	ND	ND	128
12	0.5'	ND	ND	ND	ND	ND	ND	32
12	1'	ND	ND	ND	ND	ND	ND	80
12	2'	ND	ND	ND	ND	ND	ND	160
12	3'	ND	ND	ND	ND	ND	ND	160
12	4'	ND	ND	ND	ND	ND	ND	128
13	0.5'	ND	ND	ND	ND	ND	ND	128
13	1'	ND	ND	ND	ND	ND	ND	352
13	2'	ND	ND	ND	ND	ND	ND	352

Clean Up Samples

Date	Sample Point	Depth	BTEX	Benzene	GRO	DRO	MRO	Total TPH	Chlorides
11/4/2022	9	5'	ND	ND	ND	ND	ND	ND	1100
11/4/2022	9	5'6"	ND	ND	ND	ND	ND	ND	1310
11/4/2022	9	6'	ND	ND	ND	ND	ND	ND	896
11/4/2022	9	6'6"	ND	ND	ND	ND	ND	ND	960
11/4/2022	10	5'	ND	ND	ND	ND	ND	ND	1280
11/4/2022	10	5'6"	ND	ND	ND	ND	ND	ND	1780
11/4/2022	10	6'	ND	ND	ND	ND	ND	ND	1310
11/4/2022	10	6'6"	ND	ND	ND	ND	ND	ND	1070
11/9/2022	9	7'	ND	ND	ND	ND	ND	ND	576
11/9/2022	9	8'	ND	ND	ND	ND	ND	ND	688
11/9/2022	9	9'	ND	ND	ND	ND	ND	ND	1010
11/9/2022	9	10'	ND	ND	ND	ND	ND	ND	320
11/9/2022	10	7'	ND	ND	ND	ND	ND	ND	912
11/9/2022	10	8'	ND	ND	ND	ND	ND	ND	784
11/9/2022	10	9'	ND	ND	ND	ND	ND	ND	752
11/9/2022	10	10'	ND	ND	ND	ND	ND	ND	640
11/10/2022	10	11	ND	ND	ND	ND	ND	ND	896
11/10/2022	10	12	ND	ND	ND	ND	ND	ND	736
11/10/2022	10	13	ND	ND	ND	ND	ND	ND	592
11/10/2022	10	14	ND	ND	ND	ND	ND	ND	496

Clean Up Samples Across excavated area in 200sqft grids

Date	Sample Point	BTEX	Benzene	GRO	DRO	MRO	Total TPH	Chlorides
4/10/2023	SA	ND	ND	ND	ND	ND	ND	240
4/10/2023	SB	ND	ND	ND	ND	ND	ND	192
4/10/2023	SC	ND	ND	ND	ND	ND	ND	240
4/10/2023	WA	ND	ND	ND	ND	ND	ND	192
4/10/2023	WB	ND	ND	ND	ND	ND	ND	256
4/10/2023	NA	ND	ND	ND	ND	ND	ND	272
4/10/2023	NB	ND	ND	ND	ND	ND	ND	284
4/10/2023	NC	ND	ND	ND	ND	ND	ND	256
4/10/2023	EA	ND	ND	ND	ND	ND	ND	288
4/10/2023	EB	ND	ND	ND	ND	ND	ND	240
4/10/2023	EC	ND	ND	ND	ND	ND	ND	288
4/10/2023	FA	ND	ND	ND	ND	ND	ND	224
4/10/2023	FB	ND	ND	ND	ND	ND	ND	224
4/10/2023	FC	ND	ND	ND	ND	ND	ND	208

Cleary State #1 SWD

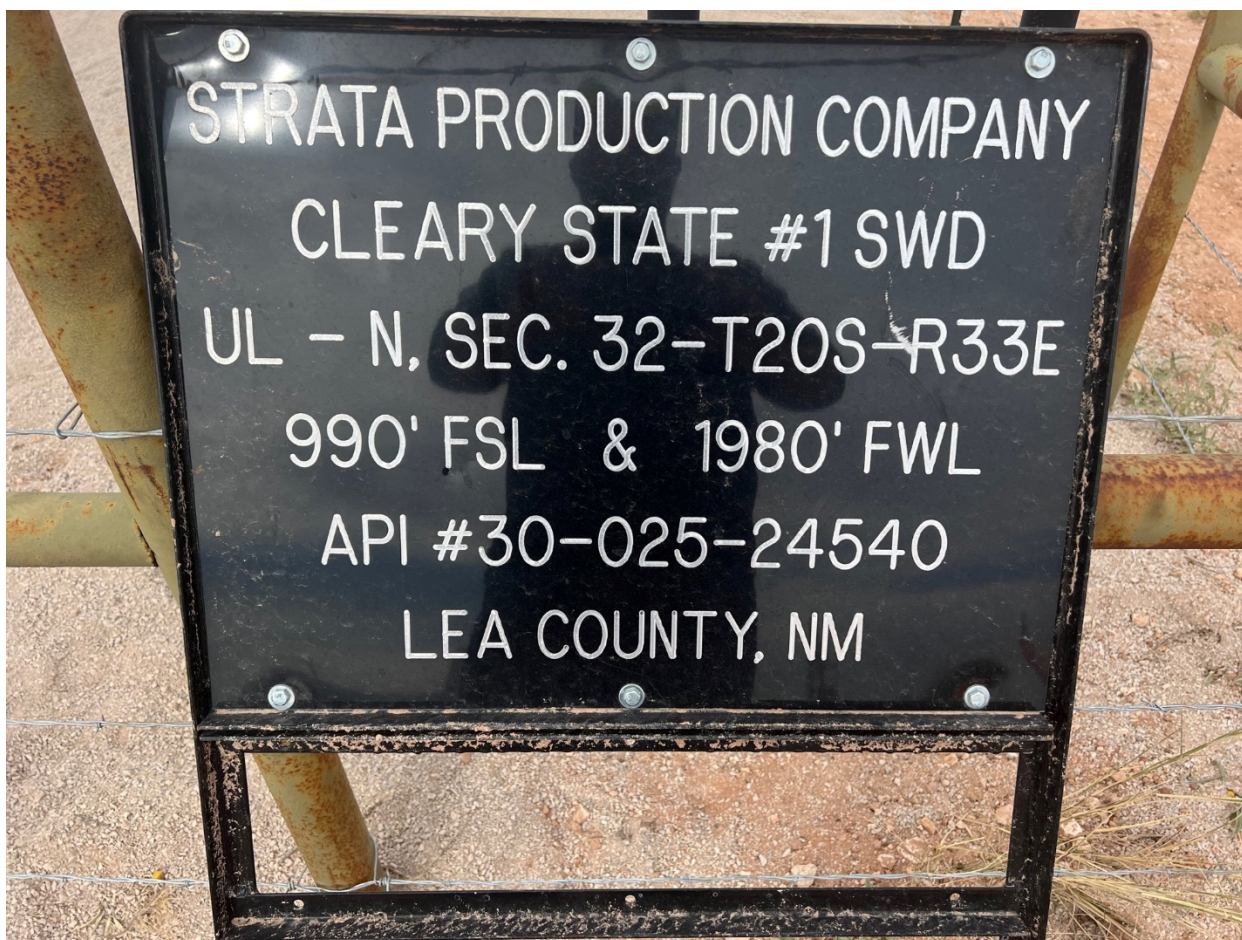
API # 30-025-24540

Detailed description of proposed Remediation technique:

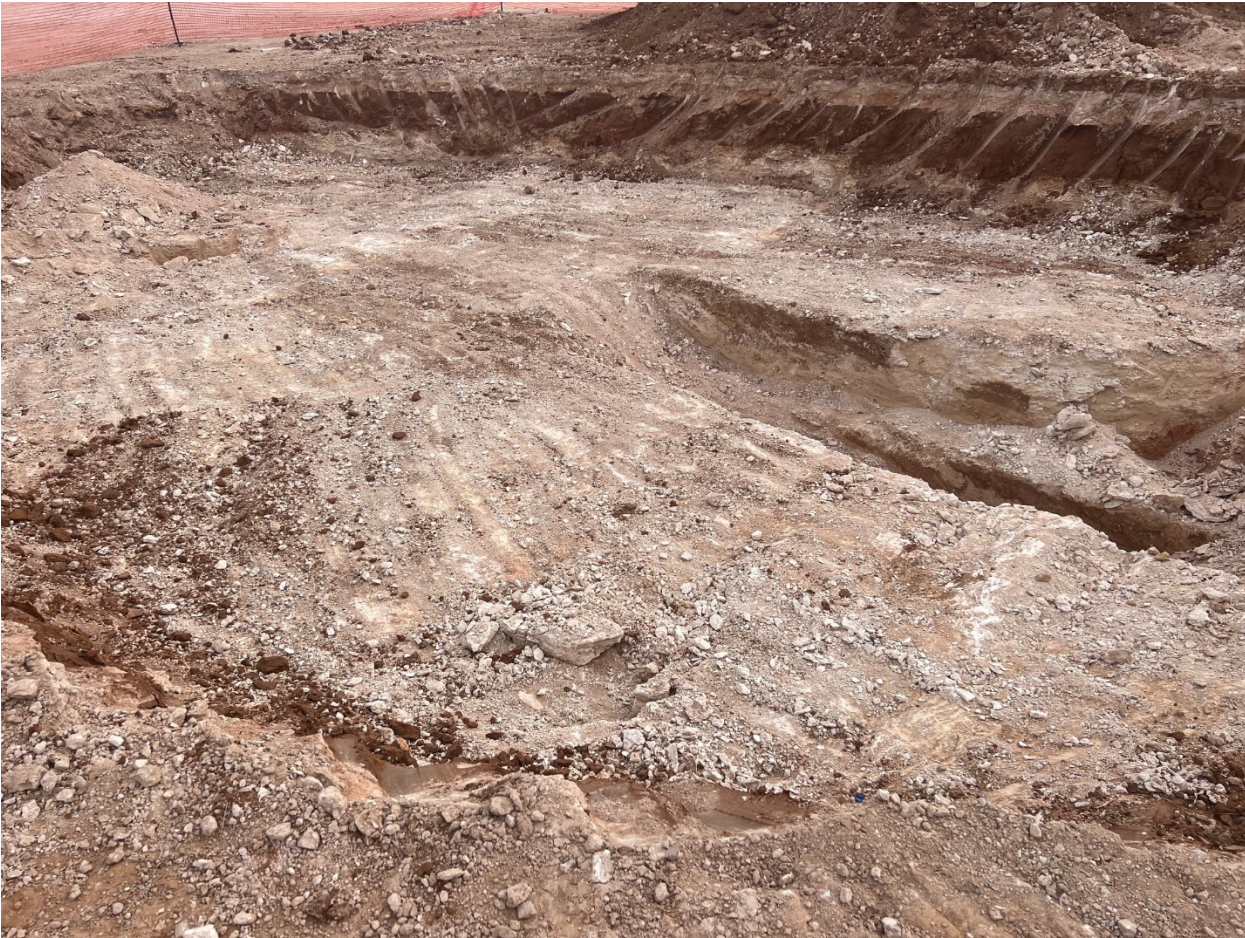
Sample soil to delineate the contaminated soil. Remove soil with excavator and haul to Lea Land disposal. Resample area to insure contamination has been removed or continue process until all contaminated soil is removed from the site. Over excavate delineation points to insure all contaminants are removed and clean samples are achieved. Take composite samples across excavated area to ensure that all contamination is removed to better than most strict remediation requirements. Replace removed soil with remediated clean soil from Lea Land Disposal.

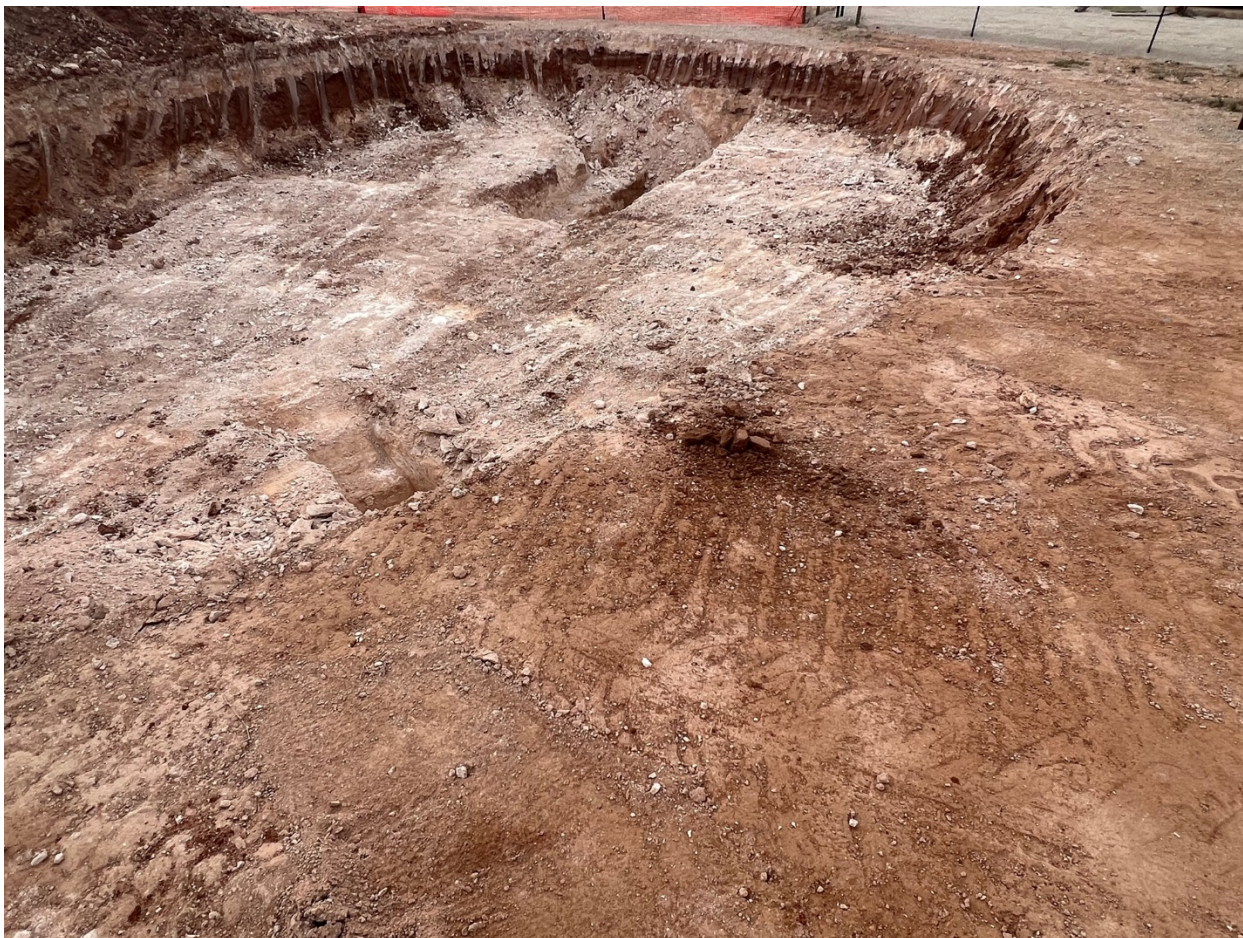
Estimated volume of soil to be removed is 451 yds.

















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

April 11, 2023

CHEYENNE SCHARF
STRATA PRODUCTION
P. O. BOX 1030
ROSWELL, NM 88202

RE: CLEARY COMPOSITE SAMPLES

Enclosed are the results of analyses for samples received by the laboratory on 04/10/23 11:45.

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 with a large, stylized 'C' and 'K'.

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

STRATA PRODUCTION
 CHEYENNE SCHARF
 P. O. BOX 1030
 ROSWELL NM, 88202
 Fax To:

Received: 04/10/2023
 Reported: 04/11/2023
 Project Name: CLEARY COMPOSITE SAMPLES
 Project Number: CLEARY STATE 1
 Project Location: LEA CO.

Sampling Date: 04/10/2023
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: CLEARY 1 SA (H231669-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	04/11/2023	ND	432	108	400	3.64		

Sample ID: CLEARY 1 SB (H231669-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	04/11/2023	ND	432	108	400	3.64		

Sample ID: CLEARY 1 SC (H231669-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	04/11/2023	ND	432	108	400	3.64		

Sample ID: CLEARY 1 WA (H231669-04)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	04/11/2023	ND	432	108	400	3.64	

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

STRATA PRODUCTION
 CHEYENNE SCHARF
 P. O. BOX 1030
 ROSWELL NM, 88202
 Fax To:

Received: 04/10/2023
 Reported: 04/11/2023
 Project Name: CLEARY COMPOSITE SAMPLES
 Project Number: CLEARY STATE 1
 Project Location: LEA CO.

Sampling Date: 04/10/2023
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: CLEARY 1 WB (H231669-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	04/11/2023	ND	432	108	400	3.64	

Sample ID: CLEARY 1 NC (H231669-06)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	04/11/2023	ND	432	108	400	3.64	

Sample ID: CLEARY 1 NA (H231669-07)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	284	16.0	04/11/2023	ND	432	108	400	3.64	

Sample ID: CLEARY 1 NB (H231669-08)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	04/11/2023	ND	432	108	400	3.64	

Sample ID: CLEARY 1 EA (H231669-09)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	04/11/2023	ND	416	104	400	3.77	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

STRATA PRODUCTION
 CHEYENNE SCHARF
 P. O. BOX 1030
 ROSWELL NM, 88202
 Fax To:

Received: 04/10/2023
 Reported: 04/11/2023
 Project Name: CLEARY COMPOSITE SAMPLES
 Project Number: CLEARY STATE 1
 Project Location: LEA CO.

Sampling Date: 04/10/2023
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: CLEARY 1 EB (H231669-10)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	04/11/2023	ND	416	104	400	3.77	

Sample ID: CLEARY 1 EC (H231669-11)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	04/11/2023	ND	416	104	400	3.77	

Sample ID: CLEARY 1 FA (H231669-12)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	04/11/2023	ND	416	104	400	3.77		

Sample ID: CLEARY 1 FB (H231669-13)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	04/11/2023	ND	416	104	400	3.77	

Sample ID: CLEARY 1 FC (H231669-14)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	04/11/2023	ND	416	104	400	3.77	

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>Strata Production Co.</u>		P.O. #:		BILL TO				ANALYSIS REQUEST																					
Project Manager: <u>Cheyenne Scharf</u>		Company:																											
Address: <u>1301 N Sycamore Ave</u>		Attn:																											
City: <u>Roswell</u>		Address:																											
State: <u>NM</u> Zip: <u>88201</u>		City:																											
Phone #: <u>307-360-3062</u> Fax #:		State:																											
Project #: <u>Clear State 1</u>		Zip:																											
Project Name: <u>Clear Composite Samples</u>		Phone #:																											
Project Location: <u>Lee Co.</u>		Fax #:																											
Sampler Name: <u>Cheyenne Scharf</u>		PRESERV																											
FOR LAB USE ONLY		SAMPLING																											
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME	
<u>H231469</u>		<u>1</u>		<u>C</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>	
<u>2</u>		<u>Clear 1 SA</u>		<u>C</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>	
<u>3</u>		<u>Clear 1 SB</u>		<u>C</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>	
<u>4</u>		<u>Clear 1 SC</u>		<u>C</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>	
<u>5</u>		<u>Clear 1 WA</u>		<u>C</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>	
<u>6</u>		<u>Clear 1 WB</u>		<u>C</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>	
<u>7</u>		<u>Clear 1 WC</u>		<u>C</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>	
<u>8</u>		<u>Clear 1 HA</u>		<u>C</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>	
<u>9</u>		<u>Clear 1 NB</u>		<u>C</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>	
<u>10</u>		<u>Clear 1 EA</u>		<u>C</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>	
<u>11</u>		<u>Clear 1 EB</u>		<u>C</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>		<u>1</u>	

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Relinquished By: Cheyenne Scharf Date: 4/10/23 Received By: Jessica Scharf Date: 4/10/23

Relinquished By: Cheyenne Scharf Date: 4/10/23 Received By: Jessica Scharf Date: 4/10/23

Delivered By: (Circle One) Observed Temp. °C 23.4 Sample Condition ☒ Intact ☐ Cool ☐ Yes ☐ No ☐ Yes ☐ No

Sampler - UPS - Bus - Other: Corrected Temp. °C 23.8 ☐ Yes ☐ No ☐ Yes ☐ No

Turnaround Time: Standard ☐ Rush ☒ Bacteria (only) Sample Condition ☐ Cool ☐ Intact ☐ Yes ☐ No ☐ Yes ☐ No

Thermometer ID #113 34 Correction Factor -0.6°C

REMARKS: c.scharf@stratam.com

Verbal Result: ☐ Yes ☐ No Add'l Phone #:

All Results are emailed. Please provide Email address:



Page 7 of 7

~~FOIA-000 K.S. 07716122~~



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

October 31, 2022

CASON SPURLOCK

PARAGON ENVIROMENTAL

5002 CARRAIGE RD

HOBBS, NM 88242

RE: CLEARY STATE #1

Enclosed are the results of analyses for samples received by the laboratory on 10/24/22 11:15.

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/ga/lab_accred_certif.html.

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
S - 1 6"	H224981-01	Soil	21-Oct-22 00:00	24-Oct-22 11:15
S - 1 1'	H224981-02	Soil	21-Oct-22 00:00	24-Oct-22 11:15
S - 1 2'	H224981-03	Soil	21-Oct-22 00:00	24-Oct-22 11:15
S - 1 3'	H224981-04	Soil	21-Oct-22 00:00	24-Oct-22 11:15
S - 1 4'	H224981-05	Soil	21-Oct-22 00:00	24-Oct-22 11:15
S - 2 6"	H224981-06	Soil	21-Oct-22 00:00	24-Oct-22 11:15
S - 2 1'	H224981-07	Soil	21-Oct-22 00:00	24-Oct-22 11:15
S - 2 2'	H224981-08	Soil	21-Oct-22 00:00	24-Oct-22 11:15
S - 2 3'	H224981-09	Soil	21-Oct-22 00:00	24-Oct-22 11:15
S - 2 4'	H224981-10	Soil	21-Oct-22 00:00	24-Oct-22 11:15
S - 3 6"	H224981-11	Soil	21-Oct-22 00:00	24-Oct-22 11:15
S - 3 1'	H224981-12	Soil	21-Oct-22 00:00	24-Oct-22 11:15
S - 3 2'	H224981-13	Soil	21-Oct-22 00:00	24-Oct-22 11:15
S - 3 3'	H224981-14	Soil	21-Oct-22 00:00	24-Oct-22 11:15
S - 3 4'	H224981-15	Soil	21-Oct-22 00:00	24-Oct-22 11:15
S - 4 6"	H224981-16	Soil	21-Oct-22 00:00	24-Oct-22 11:15
S - 4 1'	H224981-17	Soil	21-Oct-22 00:00	24-Oct-22 11:15
S - 4 2'	H224981-18	Soil	21-Oct-22 00:00	24-Oct-22 11:15
S - 4 3'	H224981-19	Soil	21-Oct-22 00:00	24-Oct-22 11:15
S - 4 4'	H224981-20	Soil	21-Oct-22 00:00	24-Oct-22 11:15
S - 5 6"	H224981-21	Soil	21-Oct-22 00:00	24-Oct-22 11:15
S - 5 1'	H224981-22	Soil	21-Oct-22 00:00	24-Oct-22 11:15
S - 5 2'	H224981-23	Soil	21-Oct-22 00:00	24-Oct-22 11:15
S - 5 3'	H224981-24	Soil	21-Oct-22 00:00	24-Oct-22 11:15
S - 5 4'	H224981-25	Soil	21-Oct-22 00:00	24-Oct-22 11:15
S - 6 6"	H224981-26	Soil	21-Oct-22 00:00	24-Oct-22 11:15
S - 6 1'	H224981-27	Soil	21-Oct-22 00:00	24-Oct-22 11:15

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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

S - 6 2'	H224981-28	Soil	21-Oct-22 00:00	24-Oct-22 11:15
S - 6 3'	H224981-29	Soil	21-Oct-22 00:00	24-Oct-22 11:15
S - 6 4'	H224981-30	Soil	21-Oct-22 00:00	24-Oct-22 11:15
S - 7 6"	H224981-31	Soil	21-Oct-22 00:00	24-Oct-22 11:15
S - 7 1'	H224981-32	Soil	21-Oct-22 00:00	24-Oct-22 11:15
S - 7 2'	H224981-33	Soil	21-Oct-22 00:00	24-Oct-22 11:15
S - 7 3'	H224981-34	Soil	21-Oct-22 00:00	24-Oct-22 11:15
S - 7 4'	H224981-35	Soil	21-Oct-22 00:00	24-Oct-22 11:15
S - 8 6"	H224981-36	Soil	21-Oct-22 00:00	24-Oct-22 11:15
S - 8 1'	H224981-37	Soil	21-Oct-22 00:00	24-Oct-22 11:15
S - 8 2'	H224981-38	Soil	21-Oct-22 00:00	24-Oct-22 11:15
S - 8 3'	H224981-39	Soil	21-Oct-22 00:00	24-Oct-22 11:15
S - 8 4'	H224981-40	Soil	21-Oct-22 00:00	24-Oct-22 11:15
S - 9 6"	H224981-41	Soil	21-Oct-22 00:00	24-Oct-22 11:15
S - 9 1'	H224981-42	Soil	21-Oct-22 00:00	24-Oct-22 11:15
S - 9 2'	H224981-43	Soil	21-Oct-22 00:00	24-Oct-22 11:15
S - 9 3'	H224981-44	Soil	21-Oct-22 00:00	24-Oct-22 11:15
S - 9 4'	H224981-45	Soil	21-Oct-22 00:00	24-Oct-22 11:15
S - 10 6"	H224981-46	Soil	21-Oct-22 00:00	24-Oct-22 11:15
S - 10 1'	H224981-47	Soil	21-Oct-22 00:00	24-Oct-22 11:15
S - 10 2'	H224981-48	Soil	21-Oct-22 00:00	24-Oct-22 11:15
S - 10 3'	H224981-49	Soil	21-Oct-22 00:00	24-Oct-22 11:15
S - 10 4'	H224981-50	Soil	21-Oct-22 00:00	24-Oct-22 11:15
S - 11 6"	H224981-51	Soil	21-Oct-22 00:00	24-Oct-22 11:15
S - 11 1'	H224981-52	Soil	21-Oct-22 00:00	24-Oct-22 11:15
S - 11 2'	H224981-53	Soil	21-Oct-22 00:00	24-Oct-22 11:15
S - 11 3'	H224981-54	Soil	21-Oct-22 00:00	24-Oct-22 11:15
S - 11 4'	H224981-55	Soil	21-Oct-22 00:00	24-Oct-22 11:15
S - 12 6"	H224981-56	Soil	21-Oct-22 00:00	24-Oct-22 11:15
S - 12 1'	H224981-57	Soil	21-Oct-22 00:00	24-Oct-22 11:15

Cardinal Laboratories

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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

S - 12 2'	H224981-58	Soil	21-Oct-22 00:00	24-Oct-22 11:15
S - 12 3'	H224981-59	Soil	21-Oct-22 00:00	24-Oct-22 11:15
S - 12 4'	H224981-60	Soil	21-Oct-22 00:00	24-Oct-22 11:15
S - 13 6"	H224981-61	Soil	21-Oct-22 00:00	24-Oct-22 11:15
S - 13 1'	H224981-62	Soil	21-Oct-22 00:00	24-Oct-22 11:15
S - 13 2'	H224981-63	Soil	21-Oct-22 00:00	24-Oct-22 11:15

10/31/22 - Client changed the project name (See COC). This is the revised report and will replace the one sent on earlier today, 10/31/22.

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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

S - 1 6''
H224981-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	2102751	AC	27-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2102619	JH	29-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2102619	JH	29-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2102619	JH	29-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2102619	JH	29-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2102619	JH	29-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 92.4 % 69.9-140 2102619 JH 29-Oct-22 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2102711	MS	28-Oct-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2102711	MS	28-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2102711	MS	28-Oct-22	8015B	

Surrogate: 1-Chlorooctane 96.6 % 45.3-161 2102711 MS 28-Oct-22 8015B

Surrogate: 1-Chlorooctadecane 99.7 % 46.3-178 2102711 MS 28-Oct-22 8015B

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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

S - 1 1'
H224981-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	48.0		16.0	mg/kg	4	2102751	AC	27-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2102619	JH	29-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2102619	JH	29-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2102619	JH	29-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2102619	JH	29-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2102619	JH	29-Oct-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			91.1 %	69.9-140		2102619	JH	29-Oct-22	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2102711	MS	28-Oct-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2102711	MS	28-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2102711	MS	28-Oct-22	8015B	
Surrogate: 1-Chlorooctane			96.8 %	45.3-161		2102711	MS	28-Oct-22	8015B	
Surrogate: 1-Chlorooctadecane			99.7 %	46.3-178		2102711	MS	28-Oct-22	8015B	

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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

S - 1 2'
H224981-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	144		16.0	mg/kg	4	2102751	AC	27-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	2102619	JH	29-Oct-22	8021B	
Toluene*	<0.050	0.050	mg/kg	50	2102619	JH	29-Oct-22	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	2102619	JH	29-Oct-22	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	2102619	JH	29-Oct-22	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	2102619	JH	29-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	92.8 %	69.9-140	2102619	JH	29-Oct-22	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	2102711	MS	28-Oct-22	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	2102711	MS	28-Oct-22	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	2102711	MS	28-Oct-22	8015B

Surrogate: 1-Chlorooctane	88.9 %	45.3-161	2102711	MS	28-Oct-22	8015B
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Surrogate: 1-Chlorooctadecane	90.8 %	46.3-178	2102711	MS	28-Oct-22	8015B
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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

S - 1 3'**H224981-04 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	48.0		16.0	mg/kg	4	2102751	AC	27-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2102619	JH	29-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2102619	JH	29-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2102619	JH	29-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2102619	JH	29-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2102619	JH	29-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			92.0 %	69.9-140		2102619	JH	29-Oct-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2102711	MS	28-Oct-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2102711	MS	28-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2102711	MS	28-Oct-22	8015B	

Surrogate: 1-Chlorooctane			90.1 %	45.3-161		2102711	MS	28-Oct-22	8015B	
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Surrogate: 1-Chlorooctadecane			90.6 %	46.3-178		2102711	MS	28-Oct-22	8015B	
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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

S - 1 4'
H224981-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	48.0		16.0	mg/kg	4	2102751	AC	27-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2102619	JH	29-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2102619	JH	29-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2102619	JH	29-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2102619	JH	29-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2102619	JH	29-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			91.7 %		69.9-140	2102619	JH	29-Oct-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2102711	MS	28-Oct-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2102711	MS	28-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2102711	MS	28-Oct-22	8015B	

Surrogate: 1-Chlorooctane			89.7 %		45.3-161	2102711	MS	28-Oct-22	8015B	
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Surrogate: 1-Chlorooctadecane			92.4 %		46.3-178	2102711	MS	28-Oct-22	8015B	
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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

S - 2 6"
H224981-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	2102751	AC	27-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2102619	JH	29-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2102619	JH	29-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2102619	JH	29-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2102619	JH	29-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2102619	JH	29-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			90.0 %	69.9-140		2102619	JH	29-Oct-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2102711	MS	28-Oct-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2102711	MS	28-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2102711	MS	28-Oct-22	8015B	

Surrogate: 1-Chlorooctane			91.8 %	45.3-161		2102711	MS	28-Oct-22	8015B	
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Surrogate: 1-Chlorooctadecane			90.6 %	46.3-178		2102711	MS	28-Oct-22	8015B	
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Cardinal Laboratories

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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

S - 2 1'**H224981-07 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	64.0		16.0	mg/kg	4	2102751	AC	27-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2102619	JH	29-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2102619	JH	29-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2102619	JH	29-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2102619	JH	29-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2102619	JH	29-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			91.8 %		69.9-140	2102619	JH	29-Oct-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2102711	MS	28-Oct-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2102711	MS	28-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2102711	MS	28-Oct-22	8015B	

Surrogate: 1-Chlorooctane			86.8 %		45.3-161	2102711	MS	28-Oct-22	8015B	
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Surrogate: 1-Chlorooctadecane			87.2 %		46.3-178	2102711	MS	28-Oct-22	8015B	
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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

S - 2 2'
H224981-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	64.0		16.0	mg/kg	4	2102751	AC	27-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2102619	JH	29-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2102619	JH	29-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2102619	JH	29-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2102619	JH	29-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2102619	JH	29-Oct-22	8021B	
<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			90.8 %	69.9-140		2102619	JH	29-Oct-22	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2102711	MS	28-Oct-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2102711	MS	28-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2102711	MS	28-Oct-22	8015B	
<i>Surrogate: 1-Chlorooctane</i>			86.9 %	45.3-161		2102711	MS	28-Oct-22	8015B	
<i>Surrogate: 1-Chlorooctadecane</i>			88.0 %	46.3-178		2102711	MS	28-Oct-22	8015B	

Cardinal Laboratories

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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

S - 2 3'**H224981-09 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	48.0		16.0	mg/kg	4	2102751	AC	27-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2102619	JH	29-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2102619	JH	29-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2102619	JH	29-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2102619	JH	29-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2102619	JH	29-Oct-22	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			92.2 %		69.9-140	2102619	JH	29-Oct-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2102711	MS	28-Oct-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2102711	MS	28-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2102711	MS	28-Oct-22	8015B	

<i>Surrogate: 1-Chlorooctane</i>			92.5 %		45.3-161	2102711	MS	28-Oct-22	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			95.7 %		46.3-178	2102711	MS	28-Oct-22	8015B	
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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

S - 2 4'

H224981-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	48.0		16.0	mg/kg	4	2102751	AC	27-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2102619	JH	29-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2102619	JH	29-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2102619	JH	29-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2102619	JH	29-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2102619	JH	29-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			91.8 %		69.9-140	2102619	JH	29-Oct-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2102711	MS	28-Oct-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2102711	MS	28-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2102711	MS	28-Oct-22	8015B	

Surrogate: 1-Chlorooctane			80.8 %		45.3-161	2102711	MS	28-Oct-22	8015B	
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Surrogate: 1-Chlorooctadecane			82.8 %		46.3-178	2102711	MS	28-Oct-22	8015B	
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Cardinal Laboratories

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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

S - 3 6"
H224981-11 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	2102751	AC	27-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2102619	JH	29-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2102619	JH	29-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2102619	JH	29-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2102619	JH	29-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2102619	JH	29-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			92.2 %		69.9-140	2102619	JH	29-Oct-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2102711	MS	28-Oct-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2102711	MS	28-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2102711	MS	28-Oct-22	8015B	

Surrogate: 1-Chlorooctane			88.4 %		45.3-161	2102711	MS	28-Oct-22	8015B	
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Surrogate: 1-Chlorooctadecane			90.8 %		46.3-178	2102711	MS	28-Oct-22	8015B	
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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

S - 3 1'
H224981-12 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	2102751	AC	27-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2102627	JH	29-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			92.9 %		69.9-140	2102627	JH	29-Oct-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2102711	MS	28-Oct-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2102711	MS	28-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2102711	MS	28-Oct-22	8015B	

Surrogate: 1-Chlorooctane			82.3 %		45.3-161	2102711	MS	28-Oct-22	8015B	
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Surrogate: 1-Chlorooctadecane			85.3 %		46.3-178	2102711	MS	28-Oct-22	8015B	
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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

S - 3 2'
H224981-13 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	112		16.0	mg/kg	4	2102751	AC	27-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Toluene*	<0.050	0.050	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	2102627	JH	29-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	93.6 %	69.9-140	2102627	JH	29-Oct-22	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	2102711	MS	28-Oct-22	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	2102711	MS	28-Oct-22	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	2102711	MS	28-Oct-22	8015B

Surrogate: 1-Chlorooctane	80.9 %	45.3-161	2102711	MS	28-Oct-22	8015B
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Surrogate: 1-Chlorooctadecane	82.8 %	46.3-178	2102711	MS	28-Oct-22	8015B
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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

S - 3 3'**H224981-14 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	80.0		16.0	mg/kg	4	2102751	AC	27-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Toluene*	<0.050	0.050	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	2102627	JH	29-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	90.8 %	69.9-140	2102627	JH	29-Oct-22	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	2102711	MS	28-Oct-22	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	2102711	MS	28-Oct-22	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	2102711	MS	28-Oct-22	8015B

Surrogate: 1-Chlorooctane	85.5 %	45.3-161	2102711	MS	28-Oct-22	8015B
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Surrogate: 1-Chlorooctadecane	87.4 %	46.3-178	2102711	MS	28-Oct-22	8015B
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Cardinal Laboratories

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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

S - 3 4'
H224981-15 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	80.0		16.0	mg/kg	4	2102751	AC	27-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2102627	JH	29-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			93.9 %		69.9-140	2102627	JH	29-Oct-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2102711	MS	28-Oct-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2102711	MS	28-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2102711	MS	28-Oct-22	8015B	

Surrogate: 1-Chlorooctane			83.8 %		45.3-161	2102711	MS	28-Oct-22	8015B	
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Surrogate: 1-Chlorooctadecane			84.9 %		46.3-178	2102711	MS	28-Oct-22	8015B	
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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

S - 4 6"
H224981-16 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	2102751	AC	27-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2102627	JH	29-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			93.2 %		69.9-140	2102627	JH	29-Oct-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2102711	MS	28-Oct-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2102711	MS	28-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2102711	MS	28-Oct-22	8015B	

Surrogate: 1-Chlorooctane			88.9 %		45.3-161	2102711	MS	28-Oct-22	8015B	
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Surrogate: 1-Chlorooctadecane			90.6 %		46.3-178	2102711	MS	28-Oct-22	8015B	
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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

S - 4 1'
H224981-17 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	48.0		16.0	mg/kg	4	2102751	AC	27-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2102627	JH	29-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			92.3 %		69.9-140	2102627	JH	29-Oct-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2102712	MS	28-Oct-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2102712	MS	28-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2102712	MS	28-Oct-22	8015B	

Surrogate: 1-Chlorooctane			98.5 %		45.3-161	2102712	MS	28-Oct-22	8015B	
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Surrogate: 1-Chlorooctadecane			112 %		46.3-178	2102712	MS	28-Oct-22	8015B	
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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

S - 4 2'
H224981-18 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	80.0		16.0	mg/kg	4	2102751	AC	27-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2102627	JH	29-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 93.6 % 69.9-140 2102627 JH 29-Oct-22 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2102712	MS	28-Oct-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2102712	MS	28-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2102712	MS	28-Oct-22	8015B	

Surrogate: 1-Chlorooctane 103 % 45.3-161 2102712 MS 28-Oct-22 8015B

Surrogate: 1-Chlorooctadecane 120 % 46.3-178 2102712 MS 28-Oct-22 8015B

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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

S - 4 3'
H224981-19 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	96.0		16.0	mg/kg	4	2102751	AC	27-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2102627	JH	29-Oct-22	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			93.7 %		69.9-140	2102627	JH	29-Oct-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2102712	MS	28-Oct-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2102712	MS	28-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2102712	MS	28-Oct-22	8015B	

<i>Surrogate: 1-Chlorooctane</i>			101 %		45.3-161	2102712	MS	28-Oct-22	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			117 %		46.3-178	2102712	MS	28-Oct-22	8015B	
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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

S - 4 4'
H224981-20 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	112		16.0	mg/kg	4	2102752	AC	27-Oct-22	4500-Cl-B	QR-03
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2102627	JH	29-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 92.7 % 69.9-140 2102627 JH 29-Oct-22 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2102712	MS	28-Oct-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2102712	MS	28-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2102712	MS	28-Oct-22	8015B	

Surrogate: 1-Chlorooctane 103 % 45.3-161 2102712 MS 28-Oct-22 8015B

Surrogate: 1-Chlorooctadecane 118 % 46.3-178 2102712 MS 28-Oct-22 8015B

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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

S - 5 6"
H224981-21 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	144		16.0	mg/kg	4	2102752	AC	27-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Toluene*	<0.050	0.050	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	2102627	JH	29-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	93.3 %	69.9-140	2102627	JH	29-Oct-22	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	2102712	MS	28-Oct-22	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	2102712	MS	28-Oct-22	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	2102712	MS	28-Oct-22	8015B

Surrogate: 1-Chlorooctane	92.3 %	45.3-161	2102712	MS	28-Oct-22	8015B
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Surrogate: 1-Chlorooctadecane	107 %	46.3-178	2102712	MS	28-Oct-22	8015B
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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

S - 5 1'
H224981-22 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	128		16.0	mg/kg	4	2102752	AC	27-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Toluene*	<0.050	0.050	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	2102627	JH	29-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	93.5 %	69.9-140	2102627	JH	29-Oct-22	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	2102712	MS	28-Oct-22	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	2102712	MS	28-Oct-22	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	2102712	MS	28-Oct-22	8015B

Surrogate: 1-Chlorooctane	98.0 %	45.3-161	2102712	MS	28-Oct-22	8015B
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Surrogate: 1-Chlorooctadecane	115 %	46.3-178	2102712	MS	28-Oct-22	8015B
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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

S - 5 2'
H224981-23 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	176		16.0	mg/kg	4	2102752	AC	27-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			93.2 %	69.9-140		2102627	JH	29-Oct-22	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2102712	MS	28-Oct-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2102712	MS	28-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2102712	MS	28-Oct-22	8015B	
Surrogate: 1-Chlorooctane			91.3 %	45.3-161		2102712	MS	28-Oct-22	8015B	
Surrogate: 1-Chlorooctadecane			108 %	46.3-178		2102712	MS	28-Oct-22	8015B	

Cardinal Laboratories

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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

S - 5 3'**H224981-24 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	192		16.0	mg/kg	4	2102752	AC	27-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2102627	JH	29-Oct-22	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			92.5 %		69.9-140	2102627	JH	29-Oct-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2102712	MS	28-Oct-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2102712	MS	28-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2102712	MS	28-Oct-22	8015B	

<i>Surrogate: 1-Chlorooctane</i>			103 %		45.3-161	2102712	MS	28-Oct-22	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			121 %		46.3-178	2102712	MS	28-Oct-22	8015B	
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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

S - 5 4'
H224981-25 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	192		16.0	mg/kg	4	2102752	AC	27-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Toluene*	<0.050	0.050	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	2102627	JH	29-Oct-22	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>		91.1 %		69.9-140	2102627	JH	29-Oct-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	2102712	MS	28-Oct-22	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	2102712	MS	28-Oct-22	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	2102712	MS	28-Oct-22	8015B	

<i>Surrogate: 1-Chlorooctane</i>		102 %		45.3-161	2102712	MS	28-Oct-22	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>		120 %		46.3-178	2102712	MS	28-Oct-22	8015B	
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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

S - 6 6"
H224981-26 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	240		16.0	mg/kg	4	2102752	AC	27-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2102627	JH	29-Oct-22	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			92.3 %		69.9-140	2102627	JH	29-Oct-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2102712	MS	28-Oct-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2102712	MS	28-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2102712	MS	28-Oct-22	8015B	

<i>Surrogate: 1-Chlorooctane</i>			98.6 %		45.3-161	2102712	MS	28-Oct-22	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			118 %		46.3-178	2102712	MS	28-Oct-22	8015B	
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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

S - 6 1'
H224981-27 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	128		16.0	mg/kg	4	2102752	AC	27-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Toluene*	<0.050	0.050	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	2102627	JH	29-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	91.7 %	69.9-140	2102627	JH	29-Oct-22	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	2102712	MS	28-Oct-22	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	2102712	MS	28-Oct-22	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	2102712	MS	28-Oct-22	8015B

Surrogate: 1-Chlorooctane	98.4 %	45.3-161	2102712	MS	28-Oct-22	8015B
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Surrogate: 1-Chlorooctadecane	113 %	46.3-178	2102712	MS	28-Oct-22	8015B
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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

S - 6 2'
H224981-28 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	112		16.0	mg/kg	4	2102752	AC	27-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Toluene*	<0.050	0.050	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	2102627	JH	29-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	92.3 %	69.9-140	2102627	JH	29-Oct-22	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	2102712	MS	28-Oct-22	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	2102712	MS	28-Oct-22	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	2102712	MS	28-Oct-22	8015B

Surrogate: 1-Chlorooctane	93.8 %	45.3-161	2102712	MS	28-Oct-22	8015B
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Surrogate: 1-Chlorooctadecane	109 %	46.3-178	2102712	MS	28-Oct-22	8015B
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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

S - 6 3'**H224981-29 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	304		16.0	mg/kg	4	2102752	AC	27-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Toluene*	<0.050	0.050	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	2102627	JH	29-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	92.4 %	69.9-140	2102627	JH	29-Oct-22	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	2102712	MS	28-Oct-22	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	2102712	MS	28-Oct-22	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	2102712	MS	28-Oct-22	8015B

Surrogate: 1-Chlorooctane	94.7 %	45.3-161	2102712	MS	28-Oct-22	8015B
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Surrogate: 1-Chlorooctadecane	108 %	46.3-178	2102712	MS	28-Oct-22	8015B
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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

S - 6 4'
H224981-30 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	144		16.0	mg/kg	4	2102752	AC	27-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Toluene*	<0.050	0.050	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	2102627	JH	29-Oct-22	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	2102627	JH	29-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	91.3 %	69.9-140	2102627	JH	29-Oct-22	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	2102712	MS	28-Oct-22	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	2102712	MS	28-Oct-22	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	2102712	MS	28-Oct-22	8015B

Surrogate: 1-Chlorooctane	89.0 %	45.3-161	2102712	MS	28-Oct-22	8015B
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Surrogate: 1-Chlorooctadecane	102 %	46.3-178	2102712	MS	28-Oct-22	8015B
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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

S - 7 6"
H224981-31 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	2102752	AC	27-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2102628	JH	30-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			98.1 %		69.9-140	2102628	JH	30-Oct-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2102712	MS	28-Oct-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2102712	MS	28-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2102712	MS	28-Oct-22	8015B	

Surrogate: 1-Chlorooctane			101 %		45.3-161	2102712	MS	28-Oct-22	8015B	
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Surrogate: 1-Chlorooctadecane			118 %		46.3-178	2102712	MS	28-Oct-22	8015B	
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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

S - 7 1'
H224981-32 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	2102752	AC	27-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Toluene*	<0.050	0.050	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	2102628	JH	30-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	99.2 %	69.9-140	2102628	JH	30-Oct-22	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	2102712	MS	28-Oct-22	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	2102712	MS	28-Oct-22	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	2102712	MS	28-Oct-22	8015B

Surrogate: 1-Chlorooctane	103 %	45.3-161	2102712	MS	28-Oct-22	8015B
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Surrogate: 1-Chlorooctadecane	120 %	46.3-178	2102712	MS	28-Oct-22	8015B
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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

S - 7 2'

H224981-33 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	128		16.0	mg/kg	4	2102752	AC	27-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2102628	JH	30-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			99.9 %		69.9-140	2102628	JH	30-Oct-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2102712	MS	28-Oct-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2102712	MS	28-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2102712	MS	28-Oct-22	8015B	

Surrogate: 1-Chlorooctane			98.9 %		45.3-161	2102712	MS	28-Oct-22	8015B	
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Surrogate: 1-Chlorooctadecane			116 %		46.3-178	2102712	MS	28-Oct-22	8015B	
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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

S - 7 3'

H224981-34 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	288		16.0	mg/kg	4	2102752	AC	27-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2102628	JH	30-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			100 %		69.9-140	2102628	JH	30-Oct-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2102712	MS	28-Oct-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2102712	MS	28-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2102712	MS	28-Oct-22	8015B	

Surrogate: 1-Chlorooctane			99.7 %		45.3-161	2102712	MS	28-Oct-22	8015B	
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Surrogate: 1-Chlorooctadecane			118 %		46.3-178	2102712	MS	28-Oct-22	8015B	
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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

S - 7 4'

H224981-35 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	320		16.0	mg/kg	4	2102752	AC	27-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2102628	JH	30-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			97.7 %		69.9-140	2102628	JH	30-Oct-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2102712	MS	28-Oct-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2102712	MS	28-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2102712	MS	28-Oct-22	8015B	

Surrogate: 1-Chlorooctane			101 %		45.3-161	2102712	MS	28-Oct-22	8015B	
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Surrogate: 1-Chlorooctadecane			114 %		46.3-178	2102712	MS	28-Oct-22	8015B	
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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

S - 8 6"
H224981-36 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	2102752	AC	27-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2102628	JH	30-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 69.9-140 2102628 JH 30-Oct-22 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2102712	MS	28-Oct-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2102712	MS	28-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2102712	MS	28-Oct-22	8015B	

Surrogate: 1-Chlorooctane 102 % 45.3-161 2102712 MS 28-Oct-22 8015B

Surrogate: 1-Chlorooctadecane 115 % 46.3-178 2102712 MS 28-Oct-22 8015B

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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

S - 8 1'**H224981-37 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	64.0		16.0	mg/kg	4	2102752	AC	27-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2102628	JH	30-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 69.9-140 2102628 JH 30-Oct-22 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2102713	MS	28-Oct-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2102713	MS	28-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2102713	MS	28-Oct-22	8015B	

Surrogate: 1-Chlorooctane 80.2 % 45.3-161 2102713 MS 28-Oct-22 8015B

Surrogate: 1-Chlorooctadecane 93.3 % 46.3-178 2102713 MS 28-Oct-22 8015B

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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

S - 8 2'
H224981-38 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	64.0		16.0	mg/kg	4	2102752	AC	27-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2102628	JH	30-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		100 %		69.9-140		2102628	JH	30-Oct-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2102713	MS	28-Oct-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2102713	MS	28-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2102713	MS	28-Oct-22	8015B	

Surrogate: 1-Chlorooctane		87.0 %		45.3-161		2102713	MS	28-Oct-22	8015B	
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Surrogate: 1-Chlorooctadecane		101 %		46.3-178		2102713	MS	28-Oct-22	8015B	
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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

S - 8 3'**H224981-39 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	2102752	AC	27-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2102628	JH	30-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		100 %		69.9-140		2102628	JH	30-Oct-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2102713	MS	28-Oct-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2102713	MS	28-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2102713	MS	28-Oct-22	8015B	

Surrogate: 1-Chlorooctane		82.5 %		45.3-161		2102713	MS	28-Oct-22	8015B	
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Surrogate: 1-Chlorooctadecane		95.4 %		46.3-178		2102713	MS	28-Oct-22	8015B	
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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

S - 8 4'
H224981-40 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	80.0		16.0	mg/kg	4	2102755	AC	27-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Toluene*	<0.050	0.050	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	2102628	JH	30-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	97.8 %	69.9-140	2102628	JH	30-Oct-22	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	2102713	MS	28-Oct-22	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	2102713	MS	28-Oct-22	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	2102713	MS	28-Oct-22	8015B

Surrogate: 1-Chlorooctane	85.5 %	45.3-161	2102713	MS	28-Oct-22	8015B
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Surrogate: 1-Chlorooctadecane	98.2 %	46.3-178	2102713	MS	28-Oct-22	8015B
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Cardinal Laboratories

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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

S - 9 6"
H224981-41 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	112		16.0	mg/kg	4	2102755	AC	27-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Toluene*	<0.050	0.050	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	2102628	JH	30-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	98.4 %	69.9-140	2102628	JH	30-Oct-22	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	2102713	MS	28-Oct-22	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	2102713	MS	28-Oct-22	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	2102713	MS	28-Oct-22	8015B

Surrogate: 1-Chlorooctane	78.5 %	45.3-161	2102713	MS	28-Oct-22	8015B
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Surrogate: 1-Chlorooctadecane	90.8 %	46.3-178	2102713	MS	28-Oct-22	8015B
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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

S - 9 1'
H224981-42 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	208		16.0	mg/kg	4	2102755	AC	27-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Toluene*	<0.050	0.050	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	2102628	JH	30-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	98.5 %	69.9-140	2102628	JH	30-Oct-22	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	2102713	MS	28-Oct-22	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	2102713	MS	28-Oct-22	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	2102713	MS	28-Oct-22	8015B

Surrogate: 1-Chlorooctane	84.9 %	45.3-161	2102713	MS	28-Oct-22	8015B
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Surrogate: 1-Chlorooctadecane	99.5 %	46.3-178	2102713	MS	28-Oct-22	8015B
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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

S - 9 2'
H224981-43 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	496		16.0	mg/kg	4	2102755	AC	27-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2102628	JH	30-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 69.9-140 2102628 JH 30-Oct-22 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2102713	MS	28-Oct-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2102713	MS	28-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2102713	MS	28-Oct-22	8015B	

Surrogate: 1-Chlorooctane 91.8 % 45.3-161 2102713 MS 28-Oct-22 8015B

Surrogate: 1-Chlorooctadecane 107 % 46.3-178 2102713 MS 28-Oct-22 8015B

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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

S - 9 3'
H224981-44 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	880		16.0	mg/kg	4	2102755	AC	27-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2102628	JH	30-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			98.2 %		69.9-140	2102628	JH	30-Oct-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2102713	MS	28-Oct-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2102713	MS	28-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2102713	MS	28-Oct-22	8015B	

Surrogate: 1-Chlorooctane			85.5 %		45.3-161	2102713	MS	28-Oct-22	8015B	
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Surrogate: 1-Chlorooctadecane			99.4 %		46.3-178	2102713	MS	28-Oct-22	8015B	
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Cardinal Laboratories

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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

S - 9 4'
H224981-45 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1280		16.0	mg/kg	4	2102755	AC	27-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Toluene*	<0.050	0.050	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	2102628	JH	30-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	98.1 %	69.9-140	2102628	JH	30-Oct-22	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	2102713	MS	28-Oct-22	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	2102713	MS	28-Oct-22	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	2102713	MS	28-Oct-22	8015B

Surrogate: 1-Chlorooctane	77.0 %	45.3-161	2102713	MS	28-Oct-22	8015B
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Surrogate: 1-Chlorooctadecane	89.3 %	46.3-178	2102713	MS	28-Oct-22	8015B
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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

S - 10 6"
H224981-46 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	3520		16.0	mg/kg	4	2102755	AC	27-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Toluene*	<0.050	0.050	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	2102628	JH	30-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	99.1 %	69.9-140	2102628	JH	30-Oct-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	2102713	MS	28-Oct-22	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	2102713	MS	28-Oct-22	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	2102713	MS	28-Oct-22	8015B	

Surrogate: 1-Chlorooctane	86.7 %	45.3-161	2102713	MS	28-Oct-22	8015B	
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Surrogate: 1-Chlorooctadecane	100 %	46.3-178	2102713	MS	28-Oct-22	8015B	
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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

S - 10 1'
H224981-47 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	3680		16.0	mg/kg	4	2102755	AC	27-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2102628	JH	30-Oct-22	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			99.5 %		69.9-140	2102628	JH	30-Oct-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2102713	MS	28-Oct-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2102713	MS	28-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2102713	MS	28-Oct-22	8015B	

<i>Surrogate: 1-Chlorooctane</i>			81.4 %		45.3-161	2102713	MS	28-Oct-22	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			95.5 %		46.3-178	2102713	MS	28-Oct-22	8015B	
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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

S - 10 2'
H224981-48 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1040		16.0	mg/kg	4	2102755	AC	27-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2102628	JH	30-Oct-22	8021B	
<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			99.3 %	69.9-140		2102628	JH	30-Oct-22	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2102713	MS	28-Oct-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2102713	MS	28-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2102713	MS	28-Oct-22	8015B	
<i>Surrogate: 1-Chlorooctane</i>			76.5 %	45.3-161		2102713	MS	28-Oct-22	8015B	
<i>Surrogate: 1-Chlorooctadecane</i>			91.5 %	46.3-178		2102713	MS	28-Oct-22	8015B	

Cardinal Laboratories

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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

S - 10 3'
H224981-49 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	2400		16.0	mg/kg	4	2102755	AC	27-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2102628	JH	30-Oct-22	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			98.3 %		69.9-140	2102628	JH	30-Oct-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2102713	MS	28-Oct-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2102713	MS	28-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2102713	MS	28-Oct-22	8015B	

<i>Surrogate: 1-Chlorooctane</i>			85.1 %		45.3-161	2102713	MS	28-Oct-22	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			99.8 %		46.3-178	2102713	MS	28-Oct-22	8015B	
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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

S - 10 4'
H224981-50 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	2200		16.0	mg/kg	4	2102755	AC	27-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2102628	JH	30-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2102628	JH	30-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			99.4 %		69.9-140	2102628	JH	30-Oct-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2102713	MS	28-Oct-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2102713	MS	28-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2102713	MS	28-Oct-22	8015B	

Surrogate: 1-Chlorooctane			86.8 %		45.3-161	2102713	MS	28-Oct-22	8015B	
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Surrogate: 1-Chlorooctadecane			100 %		46.3-178	2102713	MS	28-Oct-22	8015B	
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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

S - 11 6"
H224981-51 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	160		16.0	mg/kg	4	2102755	AC	27-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2102629	JH	30-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2102629	JH	30-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2102629	JH	30-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2102629	JH	30-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2102629	JH	30-Oct-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			98.6 %		69.9-140	2102629	JH	30-Oct-22	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2102713	MS	28-Oct-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2102713	MS	28-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2102713	MS	28-Oct-22	8015B	
Surrogate: 1-Chlorooctane			80.6 %		45.3-161	2102713	MS	28-Oct-22	8015B	
Surrogate: 1-Chlorooctadecane			93.0 %		46.3-178	2102713	MS	28-Oct-22	8015B	

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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

S - 11 1'
H224981-52 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	304		16.0	mg/kg	4	2102755	AC	27-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2102629	JH	30-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2102629	JH	30-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2102629	JH	30-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2102629	JH	30-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2102629	JH	30-Oct-22	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			97.8 %		69.9-140	2102629	JH	30-Oct-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2102713	MS	28-Oct-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2102713	MS	28-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2102713	MS	28-Oct-22	8015B	

<i>Surrogate: 1-Chlorooctane</i>			68.4 %		45.3-161	2102713	MS	28-Oct-22	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			79.3 %		46.3-178	2102713	MS	28-Oct-22	8015B	
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Cardinal Laboratories

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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

S - 11 2'
H224981-53 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	448		16.0	mg/kg	4	2102755	AC	27-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2102629	JH	30-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2102629	JH	30-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2102629	JH	30-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2102629	JH	30-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2102629	JH	30-Oct-22	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			98.1 %		69.9-140	2102629	JH	30-Oct-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2102713	MS	28-Oct-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2102713	MS	28-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2102713	MS	28-Oct-22	8015B	

<i>Surrogate: 1-Chlorooctane</i>			73.8 %		45.3-161	2102713	MS	28-Oct-22	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			85.5 %		46.3-178	2102713	MS	28-Oct-22	8015B	
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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

S - 11 3'
H224981-54 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	400		16.0	mg/kg	4	2102755	AC	27-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2102629	JH	30-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2102629	JH	30-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2102629	JH	30-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2102629	JH	30-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2102629	JH	30-Oct-22	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			98.5 %		69.9-140	2102629	JH	30-Oct-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2102713	MS	28-Oct-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2102713	MS	28-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2102713	MS	28-Oct-22	8015B	

<i>Surrogate: 1-Chlorooctane</i>			78.7 %		45.3-161	2102713	MS	28-Oct-22	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			92.1 %		46.3-178	2102713	MS	28-Oct-22	8015B	
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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

S - 11 4'
H224981-55 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	128		16.0	mg/kg	4	2102755	AC	27-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	2102629	JH	30-Oct-22	8021B	
Toluene*	<0.050	0.050	mg/kg	50	2102629	JH	30-Oct-22	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	2102629	JH	30-Oct-22	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	2102629	JH	30-Oct-22	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	2102629	JH	30-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	98.3 %	69.9-140	2102629	JH	30-Oct-22	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	2102713	MS	28-Oct-22	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	2102713	MS	28-Oct-22	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	2102713	MS	28-Oct-22	8015B

Surrogate: 1-Chlorooctane	86.8 %	45.3-161	2102713	MS	28-Oct-22	8015B
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Surrogate: 1-Chlorooctadecane	99.6 %	46.3-178	2102713	MS	28-Oct-22	8015B
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Cardinal Laboratories

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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

S - 12 6"
H224981-56 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	2102755	AC	27-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2102629	JH	30-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2102629	JH	30-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2102629	JH	30-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2102629	JH	30-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2102629	JH	30-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			97.5 %		69.9-140	2102629	JH	30-Oct-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2102713	MS	28-Oct-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2102713	MS	28-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2102713	MS	28-Oct-22	8015B	

Surrogate: 1-Chlorooctane			81.0 %		45.3-161	2102713	MS	28-Oct-22	8015B	
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Surrogate: 1-Chlorooctadecane			94.0 %		46.3-178	2102713	MS	28-Oct-22	8015B	
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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

S - 12 1'
H224981-57 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	80.0		16.0	mg/kg	4	2102755	AC	27-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2102629	JH	30-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2102629	JH	30-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2102629	JH	30-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2102629	JH	30-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2102629	JH	30-Oct-22	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			101 %	69.9-140		2102629	JH	30-Oct-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2102714	MS	27-Oct-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2102714	MS	27-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2102714	MS	27-Oct-22	8015B	

<i>Surrogate: 1-Chlorooctane</i>			80.9 %	45.3-161		2102714	MS	27-Oct-22	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			85.7 %	46.3-178		2102714	MS	27-Oct-22	8015B	
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Cardinal Laboratories

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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

S - 12 2'
H224981-58 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	160		16.0	mg/kg	4	2102755	AC	27-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2102629	JH	30-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2102629	JH	30-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2102629	JH	30-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2102629	JH	30-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2102629	JH	30-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			98.3 %		69.9-140	2102629	JH	30-Oct-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2102714	MS	27-Oct-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2102714	MS	27-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2102714	MS	27-Oct-22	8015B	

Surrogate: 1-Chlorooctane			76.9 %		45.3-161	2102714	MS	27-Oct-22	8015B	
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Surrogate: 1-Chlorooctadecane			81.7 %		46.3-178	2102714	MS	27-Oct-22	8015B	
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Cardinal Laboratories

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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

S - 12 3'
H224981-59 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	160		16.0	mg/kg	4	2102755	AC	27-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2102629	JH	30-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2102629	JH	30-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2102629	JH	30-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2102629	JH	30-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2102629	JH	30-Oct-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			99.0 %	69.9-140		2102629	JH	30-Oct-22	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2102714	MS	27-Oct-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2102714	MS	27-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2102714	MS	27-Oct-22	8015B	
Surrogate: 1-Chlorooctane			80.2 %	45.3-161		2102714	MS	27-Oct-22	8015B	
Surrogate: 1-Chlorooctadecane			85.4 %	46.3-178		2102714	MS	27-Oct-22	8015B	

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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

S - 12 4'
H224981-60 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	128		16.0	mg/kg	4	2102758	AC	27-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2102629	JH	30-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2102629	JH	30-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2102629	JH	30-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2102629	JH	30-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2102629	JH	30-Oct-22	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			99.3 %		69.9-140	2102629	JH	30-Oct-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2102714	MS	27-Oct-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2102714	MS	27-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2102714	MS	27-Oct-22	8015B	

<i>Surrogate: 1-Chlorooctane</i>			61.4 %		45.3-161	2102714	MS	27-Oct-22	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			65.6 %		46.3-178	2102714	MS	27-Oct-22	8015B	
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Cardinal Laboratories

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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

S - 13 6"
H224981-61 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	128		16.0	mg/kg	4	2102758	AC	27-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2102629	JH	30-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2102629	JH	30-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2102629	JH	30-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2102629	JH	30-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2102629	JH	30-Oct-22	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			98.8 %		69.9-140	2102629	JH	30-Oct-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2102714	MS	27-Oct-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2102714	MS	27-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2102714	MS	27-Oct-22	8015B	

<i>Surrogate: 1-Chlorooctane</i>			85.8 %		45.3-161	2102714	MS	27-Oct-22	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			91.5 %		46.3-178	2102714	MS	27-Oct-22	8015B	
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Cardinal Laboratories

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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

S - 13 1'
H224981-62 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	352		16.0	mg/kg	4	2102758	AC	27-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2102629	JH	30-Oct-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2102629	JH	30-Oct-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2102629	JH	30-Oct-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2102629	JH	30-Oct-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2102629	JH	30-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			98.4 %		69.9-140	2102629	JH	30-Oct-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2102714	MS	28-Oct-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2102714	MS	28-Oct-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2102714	MS	28-Oct-22	8015B	

Surrogate: 1-Chlorooctane			75.2 %		45.3-161	2102714	MS	28-Oct-22	8015B	
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Surrogate: 1-Chlorooctadecane			80.6 %		46.3-178	2102714	MS	28-Oct-22	8015B	
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Cardinal Laboratories

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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

S - 13 2'
H224981-63 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	352		16.0	mg/kg	4	2102758	AC	27-Oct-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	2102629	JH	30-Oct-22	8021B	
Toluene*	<0.050	0.050	mg/kg	50	2102629	JH	30-Oct-22	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	2102629	JH	30-Oct-22	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	2102629	JH	30-Oct-22	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	2102629	JH	30-Oct-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	101 %	69.9-140	2102629	JH	30-Oct-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	2102714	MS	28-Oct-22	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	2102714	MS	28-Oct-22	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	2102714	MS	28-Oct-22	8015B	

Surrogate: 1-Chlorooctane	80.4 %	45.3-161	2102714	MS	28-Oct-22	8015B	
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Surrogate: 1-Chlorooctadecane	86.7 %	46.3-178	2102714	MS	28-Oct-22	8015B	
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Cardinal Laboratories

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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2102751 - 1:4 DI Water**Blank (2102751-BLK1)**

Prepared & Analyzed: 27-Oct-22

Chloride	ND	16.0	mg/kg
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LCS (2102751-BS1)

Prepared & Analyzed: 27-Oct-22

Chloride	416	16.0	mg/kg	400	104	80-120
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LCS Dup (2102751-BSD1)

Prepared & Analyzed: 27-Oct-22

Chloride	416	16.0	mg/kg	400	104	80-120	0.00	20
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Batch 2102752 - 1:4 DI Water**Blank (2102752-BLK1)**

Prepared & Analyzed: 27-Oct-22

Chloride	ND	16.0	mg/kg
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LCS (2102752-BS1)

Prepared & Analyzed: 27-Oct-22

Chloride	416	16.0	mg/kg	400	104	80-120
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LCS Dup (2102752-BSD1)

Prepared & Analyzed: 27-Oct-22

Chloride	432	16.0	mg/kg	400	108	80-120	3.77	20
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Batch 2102755 - 1:4 DI Water**Blank (2102755-BLK1)**

Prepared & Analyzed: 27-Oct-22

Chloride	ND	16.0	mg/kg
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LCS (2102755-BS1)

Prepared & Analyzed: 27-Oct-22

Chloride	416	16.0	mg/kg	400	104	80-120
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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2102755 - 1:4 DI Water**LCS Dup (2102755-BSD1)**

Prepared & Analyzed: 27-Oct-22

Chloride	432	16.0	mg/kg	400		108	80-120	3.77	20	
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Batch 2102758 - 1:4 DI Water**Blank (2102758-BLK1)**

Prepared & Analyzed: 27-Oct-22

Chloride	ND	16.0	mg/kg							
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LCS (2102758-BS1)

Prepared & Analyzed: 27-Oct-22

Chloride	400	16.0	mg/kg	400		100	80-120			
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LCS Dup (2102758-BSD1)

Prepared & Analyzed: 27-Oct-22

Chloride	416	16.0	mg/kg	400		104	80-120	3.92	20	
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Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2102619 - Volatiles**Blank (2102619-BLK1)**

Prepared: 26-Oct-22 Analyzed: 29-Oct-22

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		92.3	69.9-140			

LCS (2102619-BS1)

Prepared: 26-Oct-22 Analyzed: 29-Oct-22

Benzene	1.95	0.050	mg/kg	2.00		97.5	83.4-122			
Toluene	2.10	0.050	mg/kg	2.00		105	84.2-126			
Ethylbenzene	2.10	0.050	mg/kg	2.00		105	84.2-121			
m,p-Xylene	4.28	0.100	mg/kg	4.00		107	89.9-126			
o-Xylene	2.01	0.050	mg/kg	2.00		100	84.3-123			
Total Xylenes	6.29	0.150	mg/kg	6.00		105	89.1-124			
Surrogate: 4-Bromofluorobenzene (PID)	0.0456		mg/kg	0.0500		91.1	69.9-140			

LCS Dup (2102619-BS1)

Prepared: 26-Oct-22 Analyzed: 29-Oct-22

Benzene	1.93	0.050	mg/kg	2.00		96.6	83.4-122	0.846	12.6	
Toluene	2.08	0.050	mg/kg	2.00		104	84.2-126	0.821	13.3	
Ethylbenzene	2.08	0.050	mg/kg	2.00		104	84.2-121	0.756	13.9	
m,p-Xylene	4.24	0.100	mg/kg	4.00		106	89.9-126	0.945	13.6	
o-Xylene	1.99	0.050	mg/kg	2.00		99.3	84.3-123	1.12	14.1	
Total Xylenes	6.23	0.150	mg/kg	6.00		104	89.1-124	1.00	13.4	
Surrogate: 4-Bromofluorobenzene (PID)	0.0454		mg/kg	0.0500		90.9	69.9-140			

Batch 2102627 - Volatiles**Blank (2102627-BLK1)**

Prepared: 26-Oct-22 Analyzed: 29-Oct-22

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2102627 - Volatiles**Blank (2102627-BLK1)**

Prepared: 26-Oct-22 Analyzed: 29-Oct-22

Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		92.8	69.9-140			

LCS (2102627-BS1)

Prepared: 26-Oct-22 Analyzed: 29-Oct-22

Benzene	2.00	0.050	mg/kg	2.00		100	83.4-122			
Toluene	2.17	0.050	mg/kg	2.00		109	84.2-126			
Ethylbenzene	2.15	0.050	mg/kg	2.00		108	84.2-121			
m,p-Xylene	4.38	0.100	mg/kg	4.00		109	89.9-126			
o-Xylene	2.06	0.050	mg/kg	2.00		103	84.3-123			
Total Xylenes	6.44	0.150	mg/kg	6.00		107	89.1-124			
Surrogate: 4-Bromofluorobenzene (PID)	0.0457		mg/kg	0.0500		91.4	69.9-140			

LCS Dup (2102627-BSD1)

Prepared: 26-Oct-22 Analyzed: 29-Oct-22

Benzene	1.92	0.050	mg/kg	2.00		96.0	83.4-122	4.16	12.6	
Toluene	2.09	0.050	mg/kg	2.00		104	84.2-126	3.89	13.3	
Ethylbenzene	2.08	0.050	mg/kg	2.00		104	84.2-121	3.69	13.9	
m,p-Xylene	4.22	0.100	mg/kg	4.00		106	89.9-126	3.61	13.6	
o-Xylene	1.99	0.050	mg/kg	2.00		99.4	84.3-123	3.68	14.1	
Total Xylenes	6.21	0.150	mg/kg	6.00		103	89.1-124	3.63	13.4	
Surrogate: 4-Bromofluorobenzene (PID)	0.0470		mg/kg	0.0500		94.1	69.9-140			

Batch 2102628 - Volatiles**Blank (2102628-BLK1)**

Prepared: 26-Oct-22 Analyzed: 30-Oct-22

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0500		mg/kg	0.0500		99.9	69.9-140			

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2102628 - Volatiles**LCS (2102628-BS1)**

Prepared: 26-Oct-22 Analyzed: 30-Oct-22

Benzene	1.92	0.050	mg/kg	2.00		95.8	83.4-122			
Toluene	2.14	0.050	mg/kg	2.00		107	84.2-126			
Ethylbenzene	2.04	0.050	mg/kg	2.00		102	84.2-121			
m,p-Xylene	4.14	0.100	mg/kg	4.00		103	89.9-126			
o-Xylene	2.03	0.050	mg/kg	2.00		102	84.3-123			
Total Xylenes	6.17	0.150	mg/kg	6.00		103	89.1-124			

Surrogate: 4-Bromofluorobenzene (PID) 0.0505 mg/kg 0.0500 101 69.9-140

LCS Dup (2102628-BS1)

Prepared: 26-Oct-22 Analyzed: 30-Oct-22

Benzene	1.96	0.050	mg/kg	2.00		98.1	83.4-122	2.34	12.6	
Toluene	2.18	0.050	mg/kg	2.00		109	84.2-126	1.72	13.3	
Ethylbenzene	2.07	0.050	mg/kg	2.00		104	84.2-121	1.41	13.9	
m,p-Xylene	4.20	0.100	mg/kg	4.00		105	89.9-126	1.63	13.6	
o-Xylene	2.06	0.050	mg/kg	2.00		103	84.3-123	1.51	14.1	
Total Xylenes	6.26	0.150	mg/kg	6.00		104	89.1-124	1.59	13.4	

Surrogate: 4-Bromofluorobenzene (PID) 0.0506 mg/kg 0.0500 101 69.9-140

Batch 2102629 - Volatiles**Blank (2102629-BLK1)**

Prepared: 26-Oct-22 Analyzed: 30-Oct-22

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							

Surrogate: 4-Bromofluorobenzene (PID) ND mg/kg 0.0500 99.4 69.9-140

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Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2102629 - Volatiles**LCS (2102629-BS1)**

Prepared: 26-Oct-22 Analyzed: 30-Oct-22

Benzene	1.93	0.050	mg/kg	2.00		96.5	83.4-122			
Toluene	2.16	0.050	mg/kg	2.00		108	84.2-126			
Ethylbenzene	1.99	0.050	mg/kg	2.00		99.4	84.2-121			
m,p-Xylene	4.12	0.100	mg/kg	4.00		103	89.9-126			
o-Xylene	1.99	0.050	mg/kg	2.00		99.4	84.3-123			
Total Xylenes	6.11	0.150	mg/kg	6.00		102	89.1-124			
Surrogate: 4-Bromofluorobenzene (PID)	0.0501		mg/kg	0.0500		100	69.9-140			

LCS Dup (2102629-BS1)

Prepared: 26-Oct-22 Analyzed: 30-Oct-22

Benzene	1.75	0.050	mg/kg	2.00		87.7	83.4-122	9.60	12.6	
Toluene	1.96	0.050	mg/kg	2.00		98.1	84.2-126	9.73	13.3	
Ethylbenzene	1.87	0.050	mg/kg	2.00		93.5	84.2-121	6.07	13.9	
m,p-Xylene	3.75	0.100	mg/kg	4.00		93.8	89.9-126	9.37	13.6	
o-Xylene	1.84	0.050	mg/kg	2.00		91.8	84.3-123	7.95	14.1	
Total Xylenes	5.59	0.150	mg/kg	6.00		93.1	89.1-124	8.91	13.4	
Surrogate: 4-Bromofluorobenzene (PID)	0.0503		mg/kg	0.0500		101	69.9-140			

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2102711 - General Prep - Organics**Blank (2102711-BLK1)**

Prepared & Analyzed: 27-Oct-22

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	43.6		mg/kg	50.0		87.1	45.3-161			
Surrogate: 1-Chlorooctadecane	45.7		mg/kg	50.0		91.4	46.3-178			

LCS (2102711-BS1)

Prepared & Analyzed: 27-Oct-22

GRO C6-C10	198	10.0	mg/kg	200		98.8	76.8-124			
DRO >C10-C28	200	10.0	mg/kg	200		100	74.9-127			
Total TPH C6-C28	398	10.0	mg/kg	400		99.4	77.5-124			
Surrogate: 1-Chlorooctane	47.3		mg/kg	50.0		94.6	45.3-161			
Surrogate: 1-Chlorooctadecane	49.7		mg/kg	50.0		99.4	46.3-178			

LCS Dup (2102711-BS1)

Prepared & Analyzed: 27-Oct-22

GRO C6-C10	190	10.0	mg/kg	200		95.0	76.8-124	3.97	17.2	
DRO >C10-C28	191	10.0	mg/kg	200		95.4	74.9-127	4.64	18.6	
Total TPH C6-C28	381	10.0	mg/kg	400		95.2	77.5-124	4.30	17.6	
Surrogate: 1-Chlorooctane	48.4		mg/kg	50.0		96.9	45.3-161			
Surrogate: 1-Chlorooctadecane	51.8		mg/kg	50.0		104	46.3-178			

Batch 2102712 - General Prep - Organics**Blank (2102712-BLK1)**

Prepared: 27-Oct-22 Analyzed: 28-Oct-22

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	49.9		mg/kg	50.0		99.8	45.3-161			
Surrogate: 1-Chlorooctadecane	58.6		mg/kg	50.0		117	46.3-178			

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Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 2102712 - General Prep - Organics**LCS (2102712-BS1)**

Prepared: 27-Oct-22 Analyzed: 28-Oct-22

GRO C6-C10	202	10.0	mg/kg	200		101	76.8-124		
DRO >C10-C28	206	10.0	mg/kg	200		103	74.9-127		
Total TPH C6-C28	408	10.0	mg/kg	400		102	77.5-124		
Surrogate: 1-Chlorooctane	50.4		mg/kg	50.0		101	45.3-161		
Surrogate: 1-Chlorooctadecane	63.6		mg/kg	50.0		127	46.3-178		

LCS Dup (2102712-BS1)

Prepared: 27-Oct-22 Analyzed: 28-Oct-22

GRO C6-C10	185	10.0	mg/kg	200		92.3	76.8-124	8.84	17.2
DRO >C10-C28	200	10.0	mg/kg	200		100	74.9-127	2.87	18.6
Total TPH C6-C28	385	10.0	mg/kg	400		96.3	77.5-124	5.78	17.6
Surrogate: 1-Chlorooctane	54.1		mg/kg	50.0		108	45.3-161		
Surrogate: 1-Chlorooctadecane	64.7		mg/kg	50.0		129	46.3-178		

Batch 2102713 - General Prep - Organics**Blank (2102713-BLK1)**

Prepared: 27-Oct-22 Analyzed: 28-Oct-22

GRO C6-C10	ND	10.0	mg/kg						
DRO >C10-C28	ND	10.0	mg/kg						
EXT DRO >C28-C36	ND	10.0	mg/kg						
Surrogate: 1-Chlorooctane	43.7		mg/kg	50.0		87.4	45.3-161		
Surrogate: 1-Chlorooctadecane	50.8		mg/kg	50.0		102	46.3-178		

LCS (2102713-BS1)

Prepared: 27-Oct-22 Analyzed: 28-Oct-22

GRO C6-C10	219	10.0	mg/kg	200		110	76.8-124		
DRO >C10-C28	249	10.0	mg/kg	200		124	74.9-127		
Total TPH C6-C28	468	10.0	mg/kg	400		117	77.5-124		
Surrogate: 1-Chlorooctane	47.1		mg/kg	50.0		94.3	45.3-161		
Surrogate: 1-Chlorooctadecane	59.4		mg/kg	50.0		119	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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: CLEARY STATE #1
Project Number: NONE GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
31-Oct-22 15:28

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

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

Batch 2102713 - General Prep - Organics**LCS Dup (2102713-BSD1)**

Prepared: 27-Oct-22 Analyzed: 28-Oct-22

GRO C6-C10	202	10.0	mg/kg	200		101	76.8-124	8.13	17.2	
DRO >C10-C28	237	10.0	mg/kg	200		118	74.9-127	4.86	18.6	
Total TPH C6-C28	439	10.0	mg/kg	400		110	77.5-124	6.38	17.6	
Surrogate: 1-Chlorooctane	45.6		mg/kg	50.0		91.2	45.3-161			
Surrogate: 1-Chlorooctadecane	56.9		mg/kg	50.0		114	46.3-178			

Batch 2102714 - General Prep - Organics**Blank (2102714-BLK1)**

Prepared & Analyzed: 27-Oct-22

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	44.0		mg/kg	50.0		88.0	45.3-161			
Surrogate: 1-Chlorooctadecane	47.2		mg/kg	50.0		94.3	46.3-178			

LCS (2102714-BS1)

Prepared & Analyzed: 27-Oct-22

GRO C6-C10	168	10.0	mg/kg	200		83.9	76.8-124			
DRO >C10-C28	176	10.0	mg/kg	200		88.0	74.9-127			
Total TPH C6-C28	344	10.0	mg/kg	400		86.0	77.5-124			
Surrogate: 1-Chlorooctane	44.1		mg/kg	50.0		88.2	45.3-161			
Surrogate: 1-Chlorooctadecane	50.0		mg/kg	50.0		100	46.3-178			

LCS Dup (2102714-BSD1)

Prepared & Analyzed: 27-Oct-22

GRO C6-C10	164	10.0	mg/kg	200		82.0	76.8-124	2.31	17.2	
DRO >C10-C28	168	10.0	mg/kg	200		84.0	74.9-127	4.72	18.6	
Total TPH C6-C28	332	10.0	mg/kg	400		83.0	77.5-124	3.54	17.6	
Surrogate: 1-Chlorooctane	46.3		mg/kg	50.0		92.6	45.3-161			
Surrogate: 1-Chlorooctadecane	51.7		mg/kg	50.0		103	46.3-178			

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "C. D. Keene", written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

BILL TO

ANALYSIS REQUEST

Company Name: Paragon Environmental
Project Manager: Cason Spurlock

Address: 5002 Carriage Rd
State: NM zip: 88242

City: Hobbs

Phone #: 575-631-6977 Fax #:

Project #: Project Owner: Straty

Project Name: ~~Straty~~ Straty
Project Location: ~~Straty~~ NM

Sample Name: Manuel Villarreal

FOR LAB USE ONLY

Lab I.D. Sample I.D.

H224981

1 6"
2 6"
3 6"
4 6"
5 6"
6 6"
7 6"
8 6"
9 6"
10 6"

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

TPH Ext

BTEX

Chlorides

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Relinquished By:

Date: 10/24

Time: 11:00a

Received By:

Date: 10/24

Time: 11:00a

REMARKS:

Relinquished By:

Date: 10/24

Time: 11:00a

Received By:

Date: 10/24

Time: 11:00a

REMARKS:

Delivered By: (Circle One)

Date: 10/24

Time: 11:00a

Received By:

Date: 10/24

Time: 11:00a

REMARKS:

Sampler - UPS - Bus - Other: -6.1c/-6.7c

Mail to Chris Jones



CARDINAL
Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Paragon Environmental

Project Manager: Cason Spurlock

Address: 5002 Carriage Rd

City: Hobbs

Phone #: 575-631-6977

Fax #:

State: NM Zip: 88242

Attn:

Address:

City:

State:

Zip:

Phone #:

Fax #:

Project Name:

Project Location:

Sample Name:

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

DATE

TIME

TPH Ext

BTEX

Chlorides

REMARKS:

Relinquished By:

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

- 61°C / - 6.7°C

#113

CHECKED BY: (Initials)

BILL TO

ANALYSIS REQUEST

P.O. #:

Company:

Attn:

Address:

City:

State:

Zip:

Phone #:

Fax #:

MATRIX

PRESERV

SAMPLING

ACID/BASE:

ICE / COOL

OTHER :

SLUDGE

OIL

SOIL

WASTEWATER

GROUNDWATER

CONTAINERS

(G)RAB OR (C)OMP.

DATE

TIME

TPH Ext

BTEX

Chlorides

REMARKS:

Relinquished By:

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

#113

CHECKED BY: (Initials)

- 61°C / - 6.7°C



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

BILL TO

ANALYSIS REQUEST

Company Name: Paragon Environmental
Project Manager: Cason Spurlock

Address: 5002 Carriage Rd

City: Hobbs State: NM Zip: 88242

Phone #: 575-631-6977

Fax #:

Project #:

Project Owner:

Project Name:

Cleary St. #1

Project Location:

Sample Name:

FOR LAB USE ONLY

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

TPH GYT

BTVX

Chlorides

Lab I.D.

Sample I.D.

H224981

21 22 23 24 25 26 27 28 29 30

6' 6' 6' 6' 6' 6' 6' 6' 6' 6'

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

TPH GYT

BTVX

Chlorides

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Relinquished By:

Date: 10/24

Received By:

11/15/2023

Relinquished By:

Date:

Received By:

11/15/2023

Delivered By: (Circle One)

#113

Sample Condition
Cool ☒ Intact
Yes ☒ No ☐

CHECKED BY:
(Initials)

Sampler - UPS - Bus - Other:

-6.12/-6.7c

Sample Condition
Cool ☒ Intact
Yes ☒ No ☐

CHECKED BY:
(Initials)

Phone Result: ☐ Yes ☐ No Add'l Phone #:
Fax Result: ☐ Yes ☐ No Add'l Fax #:

REMARKS:



CARDINAL
Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Paragon Environmental
Project Manager: Cason Spurlock
Address: 5002 Carriage Rd
City: Hobbs
Phone #: 575-631-6977
State: NM **zip:** 88242
Fax #:
Project Owner:
Project Name: Clearcy St. #1
Project Location:
Sampler Name:
FOR LAB USE ONLY

P.O. #:
Company:
Attn:
Address:
City:
State: **Zip:**
Phone #:
Fax #:

Lab I.D.
Sample I.D.
1124981
31 S-7-6"
32 S-7-1"
33 S-7-2"
34 S-7-3"
35 S-7-4"
36 S-7-5"
37 S-7-6"
38 S-7-7"
39 S-7-8"
40 S-7-9"

(G)RAB OR (C)OMP.
CONTAINERS
GROUNDWATER
WASTEWATER
SOIL
OIL
SLUDGE
OTHER :
ACID/BASE:
ICE / COOL
OTHER :
DATE
TIME

Relinquished By:
Relinquished By:
Delivered By: (Circle One)
Sampler - UPS - Bus - Other:

Received By:
Received By:
Sample Condition
Cool ☒ Yes ☐ No
Intact ☒ Yes ☐ No
CHECKED BY:
(Initials)
REMARKS:

TPH Ext
B Tex
Chlorides

ANALYSIS REQUEST



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

BILL TO

ANALYSIS REQUEST

Company Name: Paragon Environmental
Project Manager: Cason Spurlock

Address: 5002 Carriage Rd

City: Hobbs State: NM Zip: 88242

Phone #: 575-631-6977 Fax #:

Project #: Project Owner:

Project Name: Cleary St. #1

Project Location:

Sampler Name:

FOR LAB USE ONLY

10/31/22

Fax #:

PRESERV SAMPLING

Lab I.D. Sample I.D.

H224981

41 S-9 6'

42 S-9 1'

43 S-9 2'

44 S-9 3'

45 S-9 4'

46 S-10 6'

47 S-10 1'

48 S-10 2'

49 S-10 3'

50 S-10 4'

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

TPH Ext
B Tex
Chlorides

Relinquished By: Date: 10/24/22 Received By: Date: 10/31/22

Relinquished By:

Received By:

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

- 4.1c / - 6.7c

Sample Condition: Cool ☒ Intact ☐ Yes ☐ No ☐ No

CHECKED BY: (Initials)

Phone Result: ☐ Yes ☐ No Add'l Phone #:
Fax Result: ☐ Yes ☐ No Add'l Fax #:
REMARKS:

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CARDINAL
Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

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

BILL TO

ANALYSIS REQUEST

Company Name:

Project Manager:

Address:

City:

Phone #:

State:

Fax #:

Project #:

Project Name:

Project Location:

Sample Name:

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

MATRIX

PRESERV

SAMPLING

DATE

TIME

T.P.H. EXT

B Tex

Chlorides

P.O. #:

Company:

Attn:

Address:

City:

State:

Zip:

Phone #:

Fax #:

To.

10/31/22

RECEIVED BY:

Date:

Time:

Relinquished By:

Delivered By:

Sampler - UPS - Bus - Other:

Sample Condition

Cool Intact

Yes No

Checked By:

(Initials)

REMARKS:

Phone Result:

Fax Result:

Add'l Phone #:

Add'l Fax #:

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Paragon Environmental		P.O. #:		BILL TO		ANALYSIS REQUEST	
Project Manager: Cason Spurlock		Company:					
Address: 5002 Carriage Rd		Attn:					
City: Hobbs		State: NM zip: 88242					
Phone #: 575-631-6977		Fax #:					
Project #:		Project Owner:					
Project Name:		City:					
Project Location:		State:					
Sample Name:		Phone #:					
FOR LAB USE ONLY		Fax #:					
Lab I.D.		Sample I.D.					
H224981		S - 13 - 6"					
61		S - 13 - 1"					
62		S - 13 - 2"					
63							
(G)RAB OR (C)OMP.		# CONTAINERS					
GROUNDWATER		WASTEWATER					
SOIL		OIL					
SLUDGE		OTHER :					
ACID/BASE:		ICE / COOL					
OTHER :		DATE					
TIME		T P H - EXT					
		B Ter					
		Chlorides					
Reinquinshed By:		Date:					
Time:		Received By:					
Date:		Received By:					
Time:		Received By:					
Delivered By: (Circle One)		Sample Condition					
Sampler - UPS - Bus - Other:		Cool - Intact					
- 6.1c / - 6.7c		Yes Yes					
		No No					
CHECKED BY:		(Initials)					
V							
REMARKS:		Phone Result:					
		Fax Result:					
		Add'l Phone #:					
		Add'l Fax #:					

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

November 07, 2022

CHEYENNE SCHARF

STRATA PRODUCTION

P. O. BOX 1030

ROSWELL, NM 88202

RE: CLEARY STATE 1 SWD

Enclosed are the results of analyses for samples received by the laboratory on 11/04/22 9:53.

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".

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

STRATA PRODUCTION
 CHEYENNE SCHARF
 P. O. BOX 1030
 ROSWELL NM, 88202
 Fax To:

Received: 11/04/2022
 Reported: 11/07/2022
 Project Name: CLEARY STATE 1 SWD
 Project Number: 2
 Project Location: CLEARY STATE 1 SWD

Sampling Date: 11/04/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: S - 9 5'0" (H225218-01)

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	11/04/2022	ND	2.03	101	2.00	8.72		
Toluene*	<0.050	0.050	11/04/2022	ND	2.06	103	2.00	8.00		
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.06	103	2.00	8.34		
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.32	105	6.00	9.21		
Total BTEX	<0.300	0.300	11/04/2022	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	1100	16.0	11/04/2022	ND	432	108	400	3.64		

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	11/05/2022	ND	178	88.9	200	0.111	
DRO >C10-C28*	<10.0	10.0	11/05/2022	ND	166	83.2	200	0.680	
EXT DRO >C28-C36	<10.0	10.0	11/05/2022	ND					

Surrogate: 1-Chlorooctane 82.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 82.8 % 46.3-178

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

STRATA PRODUCTION
 CHEYENNE SCHARF
 P. O. BOX 1030
 ROSWELL NM, 88202
 Fax To:

Received: 11/04/2022
 Reported: 11/07/2022
 Project Name: CLEARY STATE 1 SWD
 Project Number: 2
 Project Location: CLEARY STATE 1 SWD

Sampling Date: 11/04/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: S - 9 5'5" (H225218-02)

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	11/04/2022	ND	2.03	101	2.00	8.72		
Toluene*	<0.050	0.050	11/04/2022	ND	2.06	103	2.00	8.00		
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.06	103	2.00	8.34		
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.32	105	6.00	9.21		
Total BTEX	<0.300	0.300	11/04/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 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	1310	16.0	11/04/2022	ND	432	108	400	3.64		

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	11/05/2022	ND	178	88.9	200	0.111	
DRO >C10-C28*	<10.0	10.0	11/05/2022	ND	166	83.2	200	0.680	
EXT DRO >C28-C36	<10.0	10.0	11/05/2022	ND					

Surrogate: 1-Chlorooctane 92.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.8 % 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:

STRATA PRODUCTION
 CHEYENNE SCHARF
 P. O. BOX 1030
 ROSWELL NM, 88202
 Fax To:

Received: 11/04/2022
 Reported: 11/07/2022
 Project Name: CLEARY STATE 1 SWD
 Project Number: 2
 Project Location: CLEARY STATE 1 SWD

Sampling Date: 11/04/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: S - 9 6'0" (H225218-03)

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	11/04/2022	ND	2.03	101	2.00	8.72		
Toluene*	<0.050	0.050	11/04/2022	ND	2.06	103	2.00	8.00		
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.06	103	2.00	8.34		
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.32	105	6.00	9.21		
Total BTEX	<0.300	0.300	11/04/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 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	896	16.0	11/04/2022	ND	432	108	400	3.64		

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	11/05/2022	ND	178	88.9	200	0.111	
DRO >C10-C28*	<10.0	10.0	11/05/2022	ND	166	83.2	200	0.680	
EXT DRO >C28-C36	<10.0	10.0	11/05/2022	ND					

Surrogate: 1-Chlorooctane 88.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 88.8 % 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:

STRATA PRODUCTION
 CHEYENNE SCHARF
 P. O. BOX 1030
 ROSWELL NM, 88202
 Fax To:

Received: 11/04/2022
 Reported: 11/07/2022
 Project Name: CLEARY STATE 1 SWD
 Project Number: 2
 Project Location: CLEARY STATE 1 SWD

Sampling Date: 11/04/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: S - 9 6'5" (H225218-04)

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	11/04/2022	ND	2.03	101	2.00	8.72		
Toluene*	<0.050	0.050	11/04/2022	ND	2.06	103	2.00	8.00		
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.06	103	2.00	8.34		
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.32	105	6.00	9.21		
Total BTEX	<0.300	0.300	11/04/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	960	16.0	11/04/2022	ND	432	108	400	3.64		

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	11/05/2022	ND	178	88.9	200	0.111	
DRO >C10-C28*	<10.0	10.0	11/05/2022	ND	166	83.2	200	0.680	
EXT DRO >C28-C36	<10.0	10.0	11/05/2022	ND					

Surrogate: 1-Chlorooctane 88.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 88.2 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

STRATA PRODUCTION
 CHEYENNE SCHARF
 P. O. BOX 1030
 ROSWELL NM, 88202
 Fax To:

Received: 11/04/2022
 Reported: 11/07/2022
 Project Name: CLEARY STATE 1 SWD
 Project Number: 2
 Project Location: CLEARY STATE 1 SWD

Sampling Date: 11/04/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: S - 10 5'0" (H225218-05)

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	11/04/2022	ND	2.03	101	2.00	8.72		
Toluene*	<0.050	0.050	11/04/2022	ND	2.06	103	2.00	8.00		
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.06	103	2.00	8.34		
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.32	105	6.00	9.21		
Total BTEx	<0.300	0.300	11/04/2022	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	1280	16.0	11/04/2022	ND	432	108	400	3.64		

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	11/05/2022	ND	178	88.9	200	0.111	
DRO >C10-C28*	<10.0	10.0	11/05/2022	ND	166	83.2	200	0.680	
EXT DRO >C28-C36	<10.0	10.0	11/05/2022	ND					

Surrogate: 1-Chlorooctane 84.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 85.4 % 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:

STRATA PRODUCTION
 CHEYENNE SCHARF
 P. O. BOX 1030
 ROSWELL NM, 88202
 Fax To:

Received: 11/04/2022
 Reported: 11/07/2022
 Project Name: CLEARY STATE 1 SWD
 Project Number: 2
 Project Location: CLEARY STATE 1 SWD

Sampling Date: 11/04/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: S - 10 5'5" (H225218-06)

BTX 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	11/04/2022	ND	2.03	101	2.00	8.72	
Toluene*	<0.050	0.050	11/04/2022	ND	2.06	103	2.00	8.00	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.06	103	2.00	8.34	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.32	105	6.00	9.21	
Total BTX	<0.300	0.300	11/04/2022	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	1780	16.0	11/04/2022	ND	432	108	400	3.64		

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	11/05/2022	ND	183	91.3	200	4.18	
DRO >C10-C28*	<10.0	10.0	11/05/2022	ND	179	89.7	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	11/05/2022	ND					

Surrogate: 1-Chlorooctane 106 % 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:

STRATA PRODUCTION
 CHEYENNE SCHARF
 P. O. BOX 1030
 ROSWELL NM, 88202
 Fax To:

Received: 11/04/2022
 Reported: 11/07/2022
 Project Name: CLEARY STATE 1 SWD
 Project Number: 2
 Project Location: CLEARY STATE 1 SWD

Sampling Date: 11/04/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: S - 10 6'0" (H225218-07)

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	11/04/2022	ND	2.03	101	2.00	8.72	
Toluene*	<0.050	0.050	11/04/2022	ND	2.06	103	2.00	8.00	
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.06	103	2.00	8.34	
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.32	105	6.00	9.21	
Total BTEX	<0.300	0.300	11/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 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	1310	16.0	11/04/2022	ND	432	108	400	3.64		

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	11/05/2022	ND	183	91.3	200	4.18	
DRO >C10-C28*	<10.0	10.0	11/05/2022	ND	179	89.7	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	11/05/2022	ND					

Surrogate: 1-Chlorooctane 112 % 45.3-161

Surrogate: 1-Chlorooctadecane 122 % 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:

STRATA PRODUCTION
 CHEYENNE SCHARF
 P. O. BOX 1030
 ROSWELL NM, 88202
 Fax To:

Received: 11/04/2022
 Reported: 11/07/2022
 Project Name: CLEARY STATE 1 SWD
 Project Number: 2
 Project Location: CLEARY STATE 1 SWD

Sampling Date: 11/04/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: S - 10 6'5" (H225218-08)

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	11/04/2022	ND	2.03	101	2.00	8.72		
Toluene*	<0.050	0.050	11/04/2022	ND	2.06	103	2.00	8.00		
Ethylbenzene*	<0.050	0.050	11/04/2022	ND	2.06	103	2.00	8.34		
Total Xylenes*	<0.150	0.150	11/04/2022	ND	6.32	105	6.00	9.21		
Total BTEx	<0.300	0.300	11/04/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1070	16.0	11/04/2022	ND	432	108	400	3.64		

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	11/05/2022	ND	183	91.3	200	4.18	
DRO >C10-C28*	<10.0	10.0	11/05/2022	ND	179	89.7	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	11/05/2022	ND					

Surrogate: 1-Chlorooctane 93.3 % 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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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>Strata Production Company</u>		P.O. #:		BILL TO		ANALYSIS REQUEST	
Project Manager: <u>Cheyenne Scharf</u>		Company: <u>Strata</u>					
Address: <u>1301 N Sycamore Ave</u>		Attn: <u>Cheyenne Scharf</u>					
City: <u>Roswell</u> State: <u>NM</u> Zip: <u>88201</u>		Address: <u>Burne</u>					
Phone #: <u>367-360-3062</u> Fax #:		City:					
Project #: <u>2</u> Project Owner:		State:					
Project Name: <u>Cleary State 1 SUD</u>		Zip:					
Project Location: <u>Cleary State 1 SUD</u>		Phone #:					
Sampler Name: <u>Cheyenne Scharf</u>		Fax #:					
FOR LAB USE ONLY		MATRIX		PRESERV		SAMPLING	
		(G)RAB OR (C)OMP.					
		# CONTAINERS					
		GROUNDWATER					
		WASTEWATER					
		SOIL					
		OIL					
		SLUDGE					
		OTHER :					
		ACID/BASE:					
		ICE / COOL					
		OTHER :					
Lab I.D.		DATE		TIME			
Sample I.D.							
HAAS2018		11/4		0805		BTEX	
1 5-9 5'0"		2		0815		TPH Ext.	
2 5-9 5'5"		2		0820		CL	
3 5-9 6'0"		2		0823			
4 5-9 6'5"		2		0825			
5 5-10 5'0"		2		0829			
6 5-10 5'5"		2		0836			
7 5-10 6'0"		2		0840			
8 5-10 6'5"		2					

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Relinquished By: <u>Cheyenne Scharf</u>	Date: <u>11/4/22</u>	Received By: <u>[Signature]</u>	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:
Relinquished By: <u>[Signature]</u>	Date: <u>0553</u>	Received By: <u>[Signature]</u>	All Results are emailed. Please provide Email address: <u>cscharf@stratanm.com</u>
Time:			REMARKS:
Delivered By: (Circle One)	Observed Temp. °C	Sample Condition	CHECKED BY: (Initials)
Sampler - UPS - Bus - Other:	Corrected Temp. °C	Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	Turnaround Time: <u>Standard</u> <input type="checkbox"/> Rush <input type="checkbox"/> Bacteria (only) Sample Condition
			Thermometer ID #113 <u>24hr.</u> <input type="checkbox"/> Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No
			Correction Factor -0.6°C <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> Corrected Temp. °C

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



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

November 09, 2022

CHEYENNE SCHARF

STRATA PRODUCTION

P. O. BOX 1030

ROSWELL, NM 88202

RE: CLEARY STATE 1 SWD

Enclosed are the results of analyses for samples received by the laboratory on 11/09/22 9:03.

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 fluid and cursive, with the first name "Celey" and last name "Keene" clearly distinguishable.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

STRATA PRODUCTION
 CHEYENNE SCHARF
 P. O. BOX 1030
 ROSWELL NM, 88202
 Fax To:

Received: 11/09/2022
 Reported: 11/09/2022
 Project Name: CLEAR STATE 1 SWD
 Project Number: CLEAR STATE 1
 Project Location: NOT GIVEN

Sampling Date: 11/09/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: S - 9 7'0" (H225281-01)

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	11/09/2022	ND	416	104	400	3.77	

Sample ID: S - 9 8'0" (H225281-02)

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	688	16.0	11/09/2022	ND	416	104	400	3.77	

Sample ID: S - 9 9'0" (H225281-03)

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1010	16.0	11/09/2022	ND	416	104	400	3.77	

Sample ID: S - 9 10'0" (H225281-04)

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	11/09/2022	ND	416	104	400	3.77	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

STRATA PRODUCTION
 CHEYENNE SCHARF
 P. O. BOX 1030
 ROSWELL NM, 88202
 Fax To:

Received: 11/09/2022
 Reported: 11/09/2022
 Project Name: CLEARY STATE 1 SWD
 Project Number: CLEARY STATE 1
 Project Location: NOT GIVEN

Sampling Date: 11/09/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: S - 10 7'0" (H225281-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	912	16.0	11/09/2022	ND	416	104	400	3.77		

Sample ID: S - 10 8'0" (H225281-06)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	784	16.0	11/09/2022	ND	416	104	400	3.77		

Sample ID: S - 10 9'0" (H225281-07)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	752	16.0	11/09/2022	ND	416	104	400	3.77	

Sample ID: S - 10 10'0" (H225281-08)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	11/09/2022	ND	416	104	400	3.77	

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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



Page 5 of 5

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



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

November 11, 2022

CHEYENNE SCHARF

STRATA PRODUCTION

P. O. BOX 1030

ROSWELL, NM 88202

RE: CLEARY STATE 1 SWD

Enclosed are the results of analyses for samples received by the laboratory on 11/10/22 9:33.

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:

STRATA PRODUCTION
 CHEYENNE SCHARF
 P. O. BOX 1030
 ROSWELL NM, 88202
 Fax To:

Received: 11/10/2022
 Reported: 11/11/2022
 Project Name: CLEARY STATE 1 SWD
 Project Number: 2
 Project Location: NOT GIVEN

Sampling Date: 11/10/2022
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: S - 10 11'0" (H225319-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	896	16.0	11/11/2022	ND	432	108	400	0.00		

Sample ID: S - 10 12'0" (H225319-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	736	16.0	11/11/2022	ND	432	108	400	0.00	

Sample ID: S - 10 13'0" (H225319-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	592	16.0	11/11/2022	ND	432	108	400	0.00	

Sample ID: S - 10 14'0" (H225319-04)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	11/11/2022	ND	432	108	400	0.00	

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

FORM 006 R-5-5-071010Z

(575) 393-2326 FAX (575) 393-2410

ANALYSIS REQUEST

BILL TO

P.O. #:

Company:

Attn:

Address:

City:

State: Zip:

Phone #:

Fax #:

Company Name: Strata Production Company

Project Manager: Cheyenne Scharf

Address: 1301 N Sycamore Ave

City: Roswell

Phone #: 307-360-3D62

Project #:

Project Name: Cleary State LSWD

Project Location:

Sampler Name: Cheyenne Scharf

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

H2C5319

S-10 11'0"

S-10 12'0"

S-10 13'0"

S-10 14'0"

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

11/10/12 0821

0825

0826

0830

Alarides

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Relinquished By:

Date: 11/10/12

Received By:

Relinquished By:

Time: 0933

Date:

Received By:

Time:

Date:

Remarks:

Verbal Result: ☐ Yes ☒ No Add'l Phone #:

All Results are emailed. Please provide Email address:

cscharf@stratamnm.com

REMARKS:

Delivered By: (Circle One)

Observed Temp. °C 22.0

Corrected Temp. °C 21.4

Sample Condition Cool Intact ☒ Yes ☐ No

CHECKED BY: (Initials)

Turnaround Time:

Thermometer ID #113

Correction Factor -0.6°C

Standard Rush ☒

Bacteria (only) Sample Condition Cool Intact ☒ Yes ☐ No

Observed Temp. °C

Corrected Temp. °C

Sampler - UPS - Bus - Other:

Corrected Temp. °C 21.4

Cool Intact ☒ Yes ☐ No

CHECKED BY: (Initials)

Turnaround Time:

Thermometer ID #113

Correction Factor -0.6°C

Standard Rush ☒

Bacteria (only) Sample Condition Cool Intact ☒ Yes ☐ No

Observed Temp. °C

Corrected Temp. °C

FORM 006 R-5-5-071010Z

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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 196946

CONDITIONS

Operator: STRATA PRODUCTION CO P.O. Box 1030 Roswell, NM 882021030	OGRID: 21712
	Action Number: 196946
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
bhall	Closure approved. Site will need to meet all the requirements of 19.15.29.13 NMAC at time of plugging and abandonment.	5/31/2023