



MCollier@H-R_Enterprises.com 575-909-0326

Remediation and Closure Report

Southern California 29 Federal 16H-18H
Incident# nAPP2222152069
Lea County, New Mexico

Prepared For:

Cimarex Energy Co. of Colorado
600 Marienfeld St.
Midland, TX 79701

Prepared By:

H&R Enterprises, LLC
5120 W. Kansas St.
Hobbs, New Mexico 88242

September 15, 2022

Mrs. Jennifer Nobui
NMOCD
1220 S. St. Francis Drive
Santa Fe, NM 87505

Subject: **Remediation and Closure Report**
Southern California 29 Federal 16H-18H
Lea County, NM

Dear Mrs. Nobui,

Cimarex Energy Co. of Colorado has contracted H&R Enterprises (H&R) to perform site assessment and remediation services at the above-referenced location. The results of our site assessment and remediation activities are contained herein.

Site Information

The Southern California 29 Federal 16H-18H is located approximately 42.9 miles West of Hobbs, New Mexico. The legal location for this release is Unit Letter E, Section 29, Township 19 South and Range 32 East in Lea County, New Mexico. More specifically the latitude and longitude for the release are 32.631924 North and -103.795200 West. Site plans are presented in [Appendix I](#).

According to the soil survey provided by the United States Department of Agriculture Natural Resources Conservation Service, the soil in this area is made up of Tonuco loamy fine sand, 0 to 3 percent slopes. The referenced soil data is attached in [Appendix II](#). Drainage courses in this area are typically dry. The project site is not located in a high Karst potential area (Karst Map, [Appendix I](#)).

Groundwater and Site Characterization

The New Mexico Office of the State Engineer web site indicates that the nearest reported depth to groundwater is 345-feet below ground surface (BGS). See [Appendix II](#) for the referenced groundwater data.

If a release occurs within the following areas, the responsible party must treat the release as if it occurred less than 50 feet to the groundwater in Table I, New Mexico Oil Conservation Division (NMOCD) Rule 19.15.29, NMAC.

Approximate Depth to Groundwater	345 Feet/BGS
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<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Within 300 feet of any continuously flowing watercourse or any other significant watercourse
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Within 200 feet of any lakebed, sinkhole, or a playa lake
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Within 300 feet from an occupied permanent residence, school, hospital, institution, or church
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Within 500 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	Within 1000 feet of any freshwater well or spring
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Within incorporated municipal boundaries or within a defined municipal freshwater well field covered under a municipal ordinance adopted pursuant to Section 3-2703 NMSA 1978
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Within 300 feet of a wetland
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Within the area overlying a subsurface mine
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Within an unstable area
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Within a 100-year floodplain

Due to groundwater information from the State Engineers office not being current as well as outside the recommended 0.5-mile range, an exploratory water bore was performed to a depth of 55-feet BGS on August 31, 2022. No groundwater was present on the date of drilling. On September 07, 2022, gauging was performed to determine any presence of groundwater and the results of the gauging determined no presence of groundwater.

As this is a remediation in an area with a depth to groundwater of greater than 50-feet BGS, the closure criteria for this site are as follows:

Minimum depth below any point within the horizontal boundary of the release to ground water less than 10,000 mg/l TDS	Constituent	Method*	Limit**
≤ 50 feet	Chloride **	EPA 300.0 or SM4500 CIB	10,000 mg/kg
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	2,500 mg/kg
	GRO+DRO	EPA SW-846 Method 8015M	1,000 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg

Incident Description

On August 08, 2022, a hole was discovered in a 3" surface poly line which released a total of 27 barrels (bbls) of produced water into the pasture. Due to location of the release a total of 0 bbls were recovered. The water transfer pumps were shut in and a section of the surface poly line was replaced.

Site Assessment and Remediation Activities

H&R mobilized personnel to begin site assessment, sampling, and remediation activities of the pasture release area. Grab samples were obtained by way of test trenching 3 spots within the release area to achieve vertical delineation. Field chloride titrations were performed as well as transported to Cardinal Laboratories for analysis. Laboratory analysis results are presented in the following table. Initial test trench locations are illustrated on Test Trench Map, [Appendix I](#). After remediation was complete, composite confirmation samples were collected from the bottom and sidewalls of the excavation and sent to Cardinal Laboratory to confirm NMOCD closure criteria had been met. Before, during, and after photographs of the location are attached in [Appendix IV](#). Complete laboratory reports can be found in [Appendix V](#).

Table 1: Initial Test Trench Soil Samples Analysis

Sample ID	Sample Date	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
NMOCD Table 1 Closure Criteria 19.15.29 NMAC			50 mg/kg	10 mg/kg	1000 mg/kg		2500 mg/kg	2500 mg/kg	mg/kg
TT-1	8/16/2022	0-1'	ND	ND	ND	ND	ND	0	7920
		2'	ND	ND	ND	ND	ND	0	14800
		3'	ND	ND	ND	ND	ND	0	17200
		4'	ND	ND	ND	ND	ND	0	13300
		6'	ND	ND	ND	ND	ND	0	1460
TT-2	8/16/2022	0-1'	ND	ND	ND	ND	ND	0	3320
		2'	ND	ND	ND	ND	ND	0	14400
		3'	ND	ND	ND	ND	ND	0	4160
		4'	ND	ND	ND	ND	ND	0	1540
		6'	ND	ND	ND	ND	ND	0	192
TT-3	8/16/2022	0-1'	ND	ND	ND	ND	ND	0	10400
		2'	ND	ND	ND	ND	ND	0	10900
		3'	ND	ND	ND	ND	ND	0	8130
		4'	ND	ND	ND	ND	ND	0	7060
		6'	ND	ND	ND	ND	ND	0	192

ND = Analyte Not Detected TT = Test Trench

Based on the results of our site assessment and upon client authorization, further excavation activities of the release area. Confirmation samples were collected to confirm that NMOCD closure criteria had been met, the results of which can be found in the following data table. Confirmation sample locations and excavation dimensions can be found on Confirmation Sample Map in [Appendix I](#). Complete laboratory reports are attached in [Appendix V](#).

Table 2: Confirmation Soil Sample Analysis

Sample ID	Sample Date	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
NMOCD Table 1 Closure Criteria 19.15.29 NMAC			50 mg/kg	10 mg/kg	1000 mg/kg		2500 mg/kg	2500 mg/kg	10,000 mg/kg
S-1	8/25/2022	5'	ND	ND	ND	ND	ND	0	5840
S-2	8/25/2022	5'	ND	ND	ND	ND	ND	0	5200
S-3	8/25/2022	5'	ND	ND	ND	ND	ND	0	5520
S-4	8/25/2022	4'	ND	ND	ND	ND	ND	0	6320
S-5	8/25/2022	4'	ND	ND	ND	ND	ND	0	6000
S-6	8/25/2022	4'	ND	ND	ND	ND	ND	0	6080
S-7	8/25/2022	4'	ND	ND	ND	ND	ND	0	6560
S-8	8/25/2022	4'	ND	ND	ND	ND	ND	0	7520
S-9	8/25/2022	4'	ND	ND	ND	ND	ND	0	6800
S-10	8/25/2022	4'	ND	ND	ND	ND	ND	0	5760
S-11	8/25/2022	4'	ND	ND	ND	ND	ND	0	6320
S-12	8/25/2022	4'	ND	ND	ND	ND	ND	0	6800
S-13	8/25/2022	4'	ND	ND	ND	ND	ND	0	6320
S-14	8/25/2022	4'	ND	ND	ND	ND	ND	0	5920
S-15	8/25/2022	4'	ND	ND	ND	ND	ND	0	6320
S-16	8/25/2022	4'	ND	ND	ND	ND	ND	0	2880
S-17	8/25/2022	4'	ND	ND	ND	ND	ND	0	2720
S-18	8/25/2022	4'	ND	ND	ND	ND	ND	0	2960
S-19	8/25/2022	4'	ND	ND	ND	ND	ND	0	2600
S-20	8/25/2022	4'	ND	ND	ND	ND	ND	0	3400
S-21	8/25/2022	4'	ND	ND	ND	ND	ND	0	3400
S-22	8/25/2022	4'	ND	ND	ND	ND	ND	0	2720
S-23	8/25/2022	4'	ND	ND	ND	ND	ND	0	2720
S-24	8/25/2022	4'	ND	ND	ND	ND	ND	0	3240
S-25	8/25/2022	4'	ND	ND	ND	ND	ND	0	3560
S-26	8/25/2022	4'	ND	ND	ND	ND	ND	0	3240
S-27	8/25/2022	4'	ND	ND	ND	ND	ND	0	3560
S-28	8/25/2022	4'	ND	ND	ND	ND	ND	0	3080
S-29	8/25/2022	4'	ND	ND	ND	ND	ND	0	3320
S-30	8/25/2022	4'	ND	ND	ND	ND	ND	0	3040
S-31	8/25/2022	4'	ND	ND	ND	ND	ND	0	3000
S-32	8/25/2022	4'	ND	ND	ND	ND	ND	0	2800

ND = Analyte Not Detected

Table 2: Confirmation Soil Sample Analysis Continued

Sample ID	Sample Date	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
NMOCD Table 1 Closure Criteria 19.15.29 NMAC			50 mg/kg	10 mg/kg	1000 mg/kg		2500 mg/kg	2500 mg/kg	mg/kg
SW-1	8/25/2022	5'	ND	ND	ND	ND	ND	0	1400
	9/1/2022	5'	ND	ND	ND	ND	ND	0	80
SW-2	8/25/2022	5'	ND	ND	ND	ND	ND	0	1180
	9/1/2022	5'	ND	ND	ND	ND	ND	0	144
SW-3	8/25/2022	4'	ND	ND	ND	ND	ND	0	1570
	9/1/2022	4'	ND	ND	ND	ND	ND	0	32
SW-4	8/25/2022	4'	ND	ND	ND	ND	ND	0	1410
	9/1/2022	4'	ND	ND	ND	ND	ND	0	48
SW-5	8/25/2022	4'	ND	ND	ND	ND	ND	0	656
	9/1/2022	4'	ND	ND	ND	ND	ND	0	80
SW-6	8/25/2022	4'	ND	ND	ND	ND	ND	0	1540
	9/1/2022	4'	ND	ND	ND	ND	ND	0	224
SW-7	8/25/2022	4'	ND	ND	ND	ND	ND	0	1570
	9/1/2022	4'	ND	ND	ND	ND	ND	0	208
SW-8	8/25/2022	4'	ND	ND	ND	ND	ND	0	1490
	9/1/2022	4'	ND	ND	ND	ND	ND	0	240
SW-9	8/25/2022	5'	ND	ND	ND	ND	ND	0	128
BG-1	8/25/2022	0-1'	ND	ND	ND	ND	ND	0	16
BG-2	8/25/2022	0-1'	ND	ND	ND	ND	ND	0	32
BG-3	8/25/2022	0-1'	ND	ND	ND	ND	ND	0	16
BG-4	8/25/2022	0-1'	ND	ND	ND	ND	ND	0	16

ND = Analyte Not Detected SW = Sidewall BG = Background

Remedial Actions

- The impacted areas in the vicinity of sample points S-1 through S-3 were excavated to a total depth of 5-feet BGS.
- The areas near sample points S-4 through S-32 were excavated to 4-feet BGS.
- Composite confirmation samples were obtained from the sidewalls and bottoms of the excavated areas to verify that all contaminants above closure criteria had been removed. Sidewall sample locations SW-1 through SW-8 were excavated 3-feet further horizontally and resampled. The results are shown on Table 2 and the corresponding lab reports may be found in [Appendix VI](#).
- All the excavated material (1,500yds) was hauled to Lea Land, a NMOCD approved solid waste disposal facility.
- The excavated area of the pasture was backfilled with clean topsoil and contoured to match the surrounding location.
- The Final C-141 formally documenting the remedial actions is attached in [Appendix III](#).

Closure

Based on the site assessment, remedial actions and confirmation sampling results completed for this project, on behalf of Cimarex Energy Co. of Colorado we request that no further actions be required, and that closure of this incident be granted.

Should you have any questions or if further information is required, please do not hesitate to contact our office at 575-909-0326.

Respectfully submitted,

H&R Enterprises, LLC



Michael Collier
Environmental Project Manager

Attachments:

Appendix I Site Maps

Appendix II Soil Survey, Groundwater Data, Exploratory Water Bore Log, FEMA Flood Zone

Appendix III Initial and Final C-141, NMOCD Correspondence

Appendix IV Photographic Documentation

Appendix V Laboratory Data

APPENDIX I

SITE MAPS

KARST MAP

TOPOGRAPHIC MAP

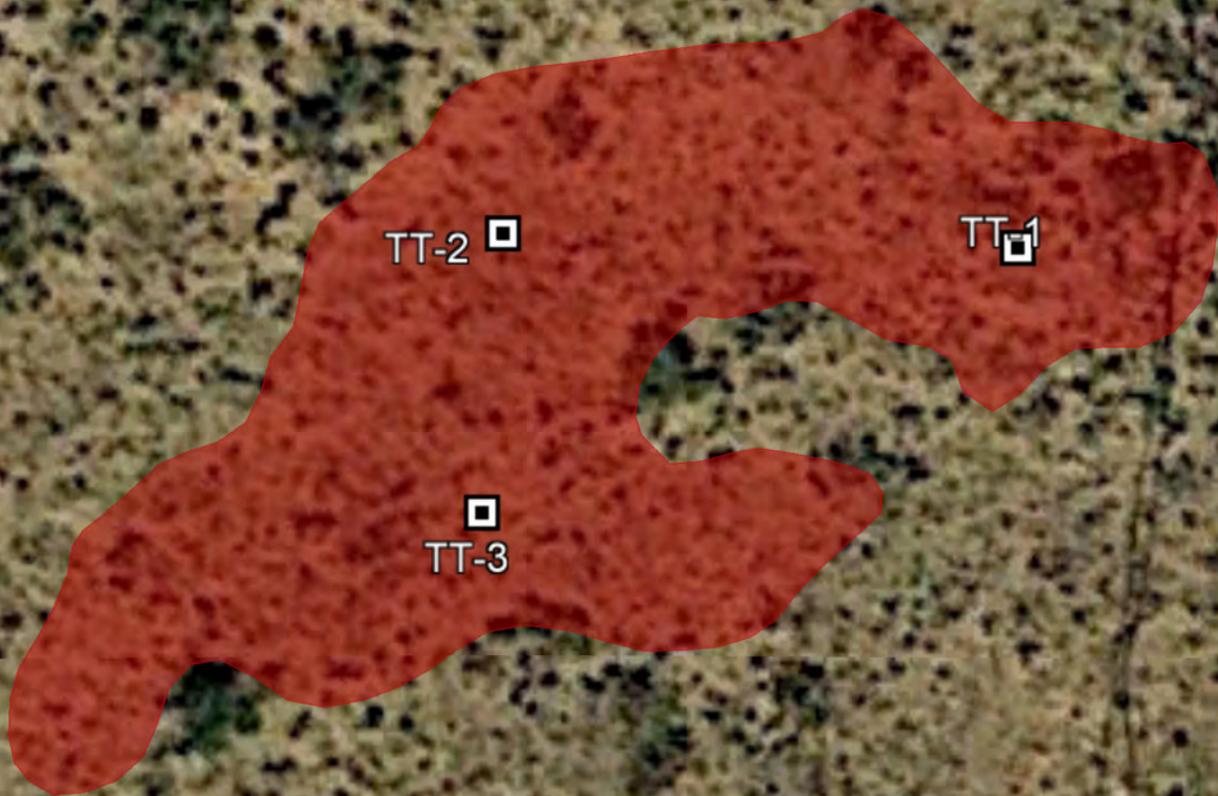
LOCATOR MAP

Southern California 29 Federal 16H-18H

Cimarex Energy Co. of Colorado
Incident# nAPP2222152069
Lea County, NM
Test Trench Map

Legend

-  Initial Spill Boundary
-  Test Trench



Southern California 29 Federal 16H-18H

Cimarex Energy Co. of Colorado
Incident# nAPP2222152069
Lea County, NM
Confirmation Sample Map

Legend

-  4-5ft. Excavation
-  Composite Confirmation Sample

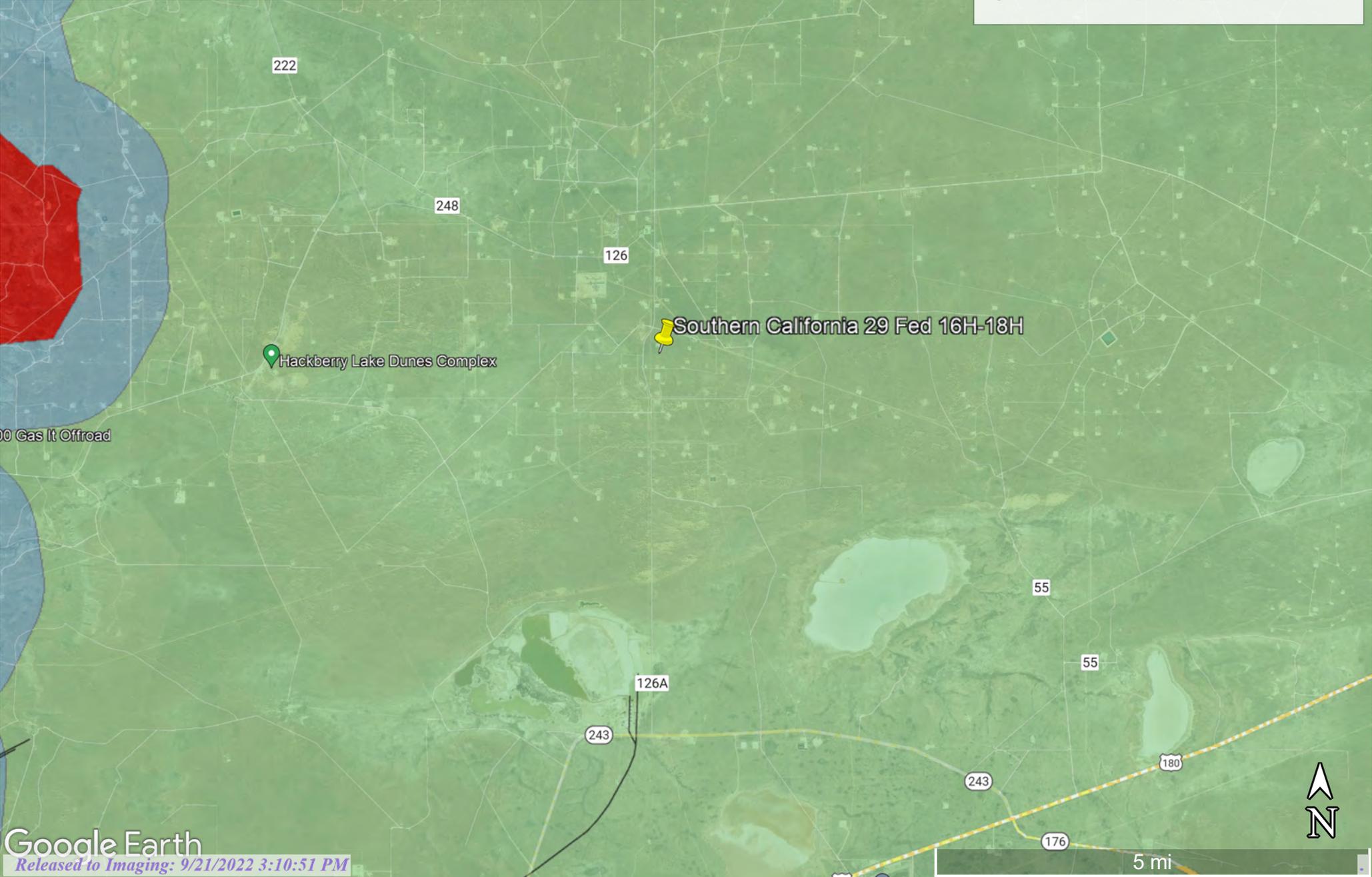


Southern California 29 Federal 16H-18H

Cimarex Energy Co. of Colorado
Incident# nAPP2222152069
Lea County, NM
Karst Map

Legend

-  High
-  Low
-  Medium
-  Southern California 29 Fed 16H-18H

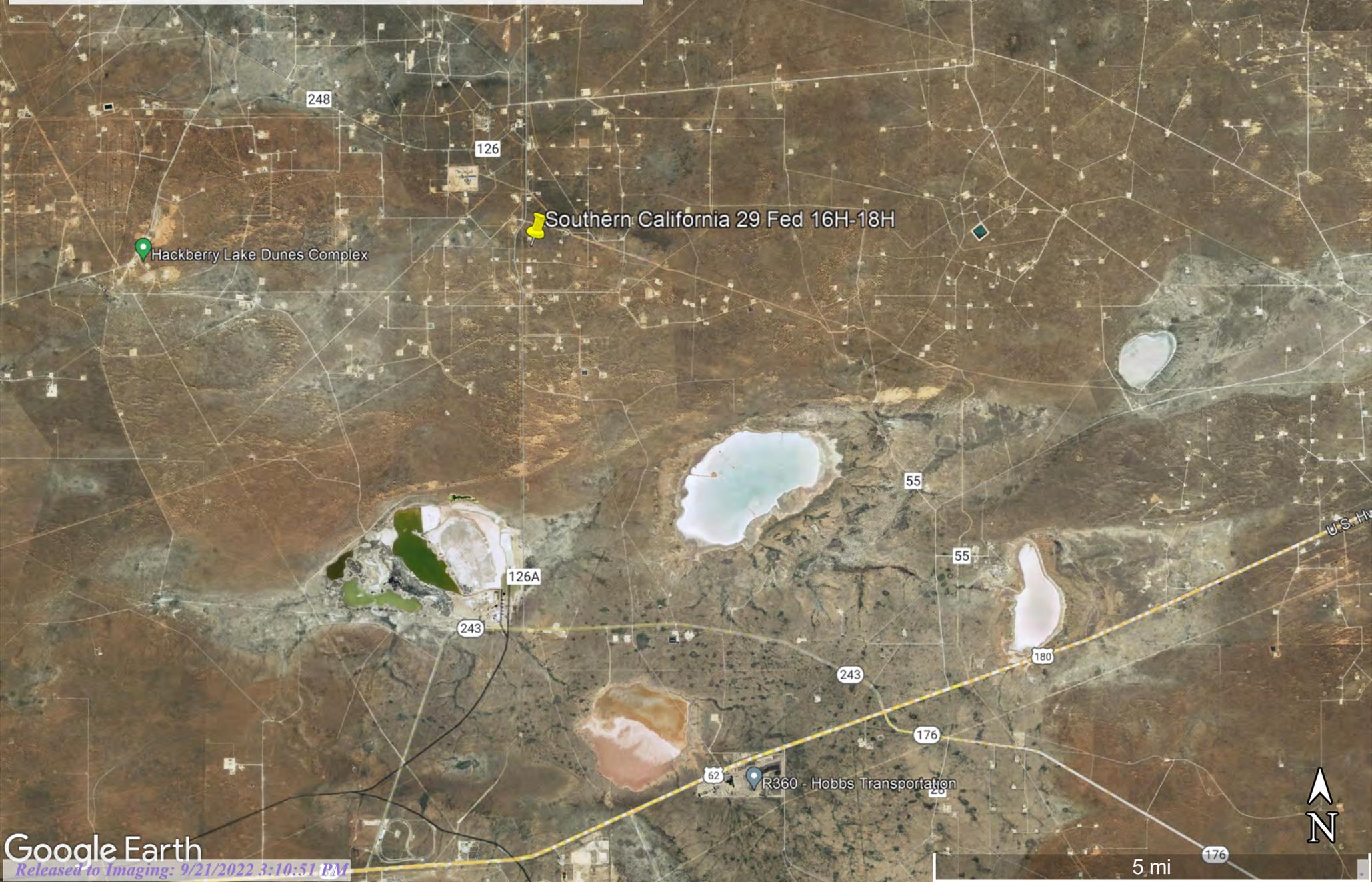


Southern California 29 Federal 16H-18H

Cimarex Energy Co. of Colorado
Incident# nAPP2222152069
Lea County, NM
Locator Map

Legend

 Southern California 29 Fed 16H-18H



APPENDIX II

GROUNDWATER DATA

SOIL SURVEY

FEMA FLOOD ZONE

WATER BORE MAP

SOIL BORE LOG



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

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

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

(In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
CP.00639.POD1		CP	LE	3	1	20	19S	32E		613029	3612880*	1765	350	345	5
CP.00640.POD1		CP	LE	2	2	19	19S	32E		612621	3613280*	2196	260	102	158
CP.00563.POD1		CP	LE	1	1	2	19S	32E		612118	3613376*	2423	300		
CP.01656.POD3		CP	LE	3	4	3	17	19S	32E	613374	3613633	2547	30		
CP.01656.POD1		CP	LE	3	4	3	17	19S	32E	613368	3613646	2559	70		
CP.01656.POD2		CP	LE	3	4	3	17	19S	32E	613364	3613648	2560	70		

Average Depth to Water: **223 feet**
 Minimum Depth: **102 feet**
 Maximum Depth: **345 feet**

Record Count: 6

Basin/County Search:

County: Lea

UTMNAD83 Radius Search (in meters):

Easting (X): 612990.59

Northing (Y): 3611114.83

Radius: 3000

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

9/8/22 11:26 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER

Map Unit Description: Tonuco loamy fine sand, 0 to 3 percent slopes---Lea County, New Mexico

Lea County, New Mexico

TF—Tonuco loamy fine sand, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 2tw3c
Elevation: 3,280 to 4,460 feet
Mean annual precipitation: 10 to 16 inches
Mean annual air temperature: 59 to 64 degrees F
Frost-free period: 180 to 220 days
Farmland classification: Not prime farmland

Map Unit Composition

Tonuco and similar soils: 70 percent
Minor components: 30 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Tonuco

Setting

Landform: Ridges, plains
Landform position (two-dimensional): Shoulder
Landform position (three-dimensional): Rise
Down-slope shape: Convex, linear
Across-slope shape: Linear
Parent material: Sandy eolian deposits

Typical profile

A - 0 to 12 inches: loamy fine sand
Bw - 12 to 17 inches: loamy sand
Bkkm - 17 to 39 inches: cemented material

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 12 to 20 inches to petrocalcic
Drainage class: Excessively drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 2 percent
Gypsum, maximum content: 1 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: Very low (about 1.4 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Map Unit Description: Tonuco loamy fine sand, 0 to 3 percent slopes---Lea County, New Mexico

Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: D
Ecological site: R077DY048TX - Shallow 12-17" PZ
Hydric soil rating: No

Minor Components

Simona

Percent of map unit: 15 percent
Landform: Ridges, plains
Landform position (two-dimensional): Shoulder
Landform position (three-dimensional): Rise
Down-slope shape: Convex, linear
Across-slope shape: Linear
Ecological site: R042XC002NM - Shallow Sandy
Hydric soil rating: No

Berino

Percent of map unit: 10 percent
Landform: Ridges, plains
Landform position (two-dimensional): Shoulder
Landform position (three-dimensional): Rise
Down-slope shape: Convex, linear
Across-slope shape: Linear
Ecological site: R042XC003NM - Loamy Sand
Hydric soil rating: No

Cacique

Percent of map unit: 5 percent
Landform: Ridges, plains
Landform position (two-dimensional): Shoulder
Landform position (three-dimensional): Rise
Down-slope shape: Convex, linear
Across-slope shape: Linear
Ecological site: R042XC004NM - Sandy
Hydric soil rating: No

Data Source Information

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

Southern California 29 Federal 16H-18H

Cimarex Energy Co. of Colorado
Incident# nAPP2222152069
Lea County, NM
Exploratory Water Bore Location Map

Legend

-  Exploratory Water Bore
-  Initial Spill Boundary
-  Southern California 29 Fed 16H-18H

 Exploratory Water Bore

 Southern California 29 Fed 16H-18H



400 ft



Project Name :	<u>Southern California 29 Federal 16H</u>	Date :	<u>Wednesday, August 31, 2022</u>
Project No. :	<u>1122</u>	Sampler :	<u>A. Thielke</u>
Location :	<u>Lea County, New Mexico</u>	Driller :	<u>Scarborough Drilling</u>
Coordinates :	<u>32.63343, -103.77605</u>	Method :	<u>Air Rotary</u>
Elevation :	_____		

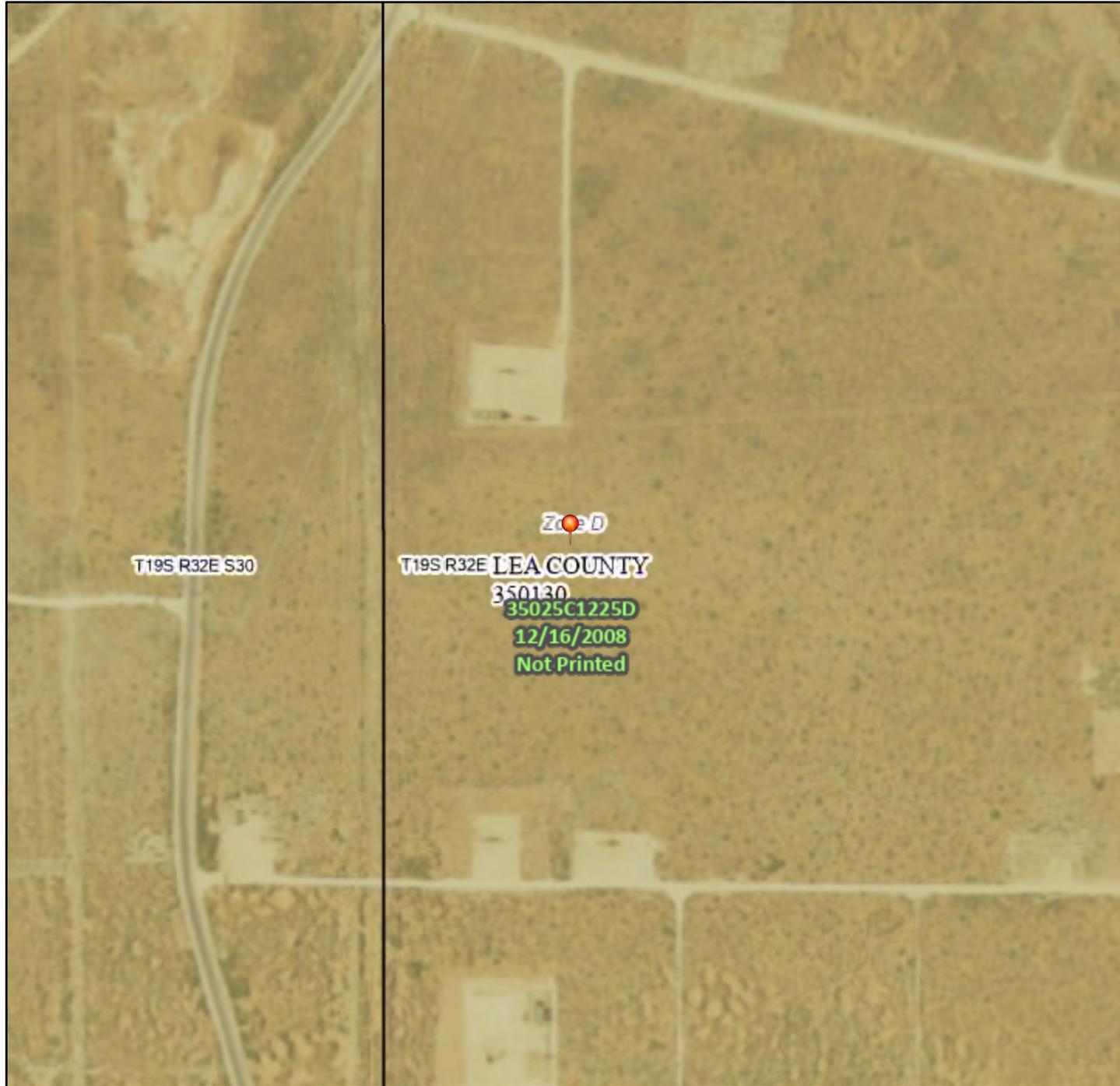
Depth (ft.)	WL	Soil Description	Lithology	Depth (ft.)	WL	Soil Description	Lithology
0		Light Brown/Red Silty Sand. Poorly Cemented.		50		Red Bed Clay w/Sand 70% Clay 30% Sand. Dark Red Dry. Poorly Sorted Poorly Cemented	
3				55			
5		Well Cemented White/Grey Medium grained Caliche/Gravel w/Silty Sand. Well Sorted.		60		TD: 55'	
10		Well Cemented light brown Medium grained Caliche/Gravel w/Silty Sand. Well Sorted.		65			
15		Red/Brown Silty Sand w/ 20% Caliche/Gravel Fragments. Poorly Cemented. Poorly Sorted.		70			
20				75			
25				80			
30		Light Brown/Pink Silt Sand Poorly Cemented. Poorly Sorted. Very Fine Grained.		85			
35				90			
40				95			
45				100			
50				105			

Comments : Boring terminated at 55' at 10:00 Central Time with no presence of groundwater or moisture, checked for moisture on 9/7/2022. No moisture present.

National Flood Hazard Layer FIRMMette



103°48'1"W 32°38'10"N



Legend

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

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

APPENDIX III

INITIAL C-141

FINAL C-141

NMOCD CORRESPONDENCE

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	nAPP2222152069
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: Cimarex Energy Co. of Colorado	OGRID: 162683
Contact Name: Laci Luig	Contact Telephone: (432) 571-7800
Contact email: laci.luig@coterra.com	Incident # (assigned by OCD) nAPP2222152069
Contact mailing address: 600 N Marienfeld Street, Ste. 600 Midland, TX 79701	

Location of Release Source

Latitude 32.631924 _____ Longitude -103.795200 _____
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Southern California 29 Federal 16H-18H	Site Type: Pasture
Date Release Discovered: 8/8/2022	API# (if applicable)

Unit Letter	Section	Township	Range	County
E	29	19S	32E	Lea

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

Nature and Volume of Release

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

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 27	Volume Recovered (bbls) 0
	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: Equipment Failure

A 3" surface poly line developed a hole and released 27 barrels produced water into the pasture. We were unable to recover any impact due to the location of the spill. The water transfer pumps were shut in until the section of poly could be replaced. The impacted area is scheduled to be remediated immediately.

State of New Mexico
Oil Conservation Division

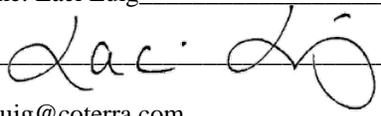
Page 2

Incident ID	nAPP2222152069
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? Total amount of release greater than 25 barrels.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? By: Laci Luig To: OCD Enviro, BLM By: Email	

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: Laci Luig _____ Title: ESH Specialist _____ Signature:  _____ Date: 8/9/2022 _____ email: laci.luig@coterra.com _____ Telephone: (432) 208-3035 _____
<u>OCD Only</u> Received by: Jocelyn Harimon _____ Date: 09/19/2022 _____

Incident ID	nAPP2222152069
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	_ 345 _ (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 ½-mile of the lateral extents of the release
- Boring or excavation logs
- Photographs including date and GIS information
- Topographic/Aerial maps
- Laboratory data including chain of custody

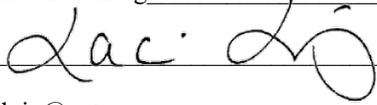
If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods,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

State of New Mexico
Oil Conservation Division

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Incident ID	nAPP2222152069
District RP	
Facility ID	
Application ID	

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

Printed Name: Laci Luig _____ Title: ESH Specialist _____
 Signature:  _____ Date: 9/16/2022 _____
 email: laci.luig@coterra.com _____ Telephone: (432) 208-3035 _____

OCD Only

Received by: Jocelyn Harimon _____ Date: 09/19/2022 _____

Incident ID	nAPP2222152069
District RP	
Facility ID	
Application ID	

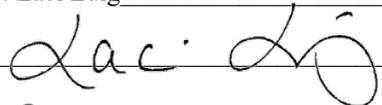
Closure

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

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

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

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

Printed Name: Laci Luig Title: ESH Specialist
 Signature:  Date: 9/16/2022
 email: laci.luig@coterra.com Telephone: (432) 208-3035

OCD Only

Received by: Jocelyn Harimon Date: 09/19/2022

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: 09/21/2022
 Printed Name: Jennifer Nobui Title: Environmental Specialist A

From: [Laci Luig](#)
To: [NMOCD Spill Notifications](#); [BLM NM CFO Spill](#)
Cc: [Jim Hawley](#); [Michael Collier](#)
Subject: nAPP2213664988 - Irwin 23-14 Federal 3H confirmation sampling
Date: Thursday, September 1, 2022 1:45:09 PM

This email serves as notification for confirmation sampling on the Irwin 23-14 Federal 3H. Sampling is scheduled to begin as early as September 6th, weather and soil conditions permitting. H&R Enterprises will be onsite for confirmation sampling.

Thank you,



Laci Luig | Environmental Safety & Health Specialist
T: 432.571.7810 | M: 432.208.3035 | laci.luig@coterra.com | www.coterra.com
Coterra Energy Inc. | 600 N. Marienfeld Street, Suite 600 | Midland, TX 79701

Coterra Energy Inc. is the result of the merger of Cimarex Energy Co. and Cabot Oil & Gas Corporation on October 1, 2021.

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APPENDIX IV

PHOTOGRAPHIC DOCUMENTATION

PHOTOGRAPHIC DOCUMENTATION



APPENDIX V

LABORATORY REPORTS



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

August 18, 2022

MICHAEL COLLIER
H & R ENTERPRISES
1010 GAMBLIN ROAD
HOBBS, NM 88240

RE: SOUTHERN CALI 29 FED 16

Enclosed are the results of analyses for samples received by the laboratory on 08/17/22 8:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style.

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received: 08/17/2022
 Reported: 08/18/2022
 Project Name: SOUTHERN CALI 29 FED 16
 Project Number: NONE GIVEN
 Project Location: CIMAREX

Sampling Date: 08/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TT - 1 0-1' (H223750-01)

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	08/17/2022	ND	2.11	105	2.00	9.48	
Toluene*	<0.050	0.050	08/17/2022	ND	2.05	102	2.00	9.73	
Ethylbenzene*	<0.050	0.050	08/17/2022	ND	2.00	99.8	2.00	9.71	
Total Xylenes*	<0.150	0.150	08/17/2022	ND	6.18	103	6.00	8.37	
Total BTEX	<0.300	0.300	08/17/2022	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	7920	16.0	08/17/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2022	ND	212	106	200	5.28	
DRO >C10-C28*	<10.0	10.0	08/17/2022	ND	201	101	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	08/17/2022	ND					

Surrogate: 1-Chlorooctane 81.6 % 43-149

Surrogate: 1-Chlorooctadecane 98.2 % 42.5-161

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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	08/17/2022	Sampling Date:	08/16/2022
Reported:	08/18/2022	Sampling Type:	Soil
Project Name:	SOUTHERN CALI 29 FED 16	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	CIMAREX		

Sample ID: TT - 1 2' (H223750-02)

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	08/17/2022	ND	2.11	105	2.00	9.48		
Toluene*	<0.050	0.050	08/17/2022	ND	2.05	102	2.00	9.73		
Ethylbenzene*	<0.050	0.050	08/17/2022	ND	2.00	99.8	2.00	9.71		
Total Xylenes*	<0.150	0.150	08/17/2022	ND	6.18	103	6.00	8.37		
Total BTEX	<0.300	0.300	08/17/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	14800	16.0	08/17/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/17/2022	ND	212	106	200	5.28		
DRO >C10-C28*	<10.0	10.0	08/17/2022	ND	201	101	200	1.45		
EXT DRO >C28-C36	<10.0	10.0	08/17/2022	ND						

Surrogate: 1-Chlorooctane 81.9 % 43-149

Surrogate: 1-Chlorooctadecane 98.3 % 42.5-161

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received: 08/17/2022
 Reported: 08/18/2022
 Project Name: SOUTHERN CALI 29 FED 16
 Project Number: NONE GIVEN
 Project Location: CIMAREX

Sampling Date: 08/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TT - 1 3' (H223750-03)

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	08/17/2022	ND	2.11	105	2.00	9.48	
Toluene*	<0.050	0.050	08/17/2022	ND	2.05	102	2.00	9.73	
Ethylbenzene*	<0.050	0.050	08/17/2022	ND	2.00	99.8	2.00	9.71	
Total Xylenes*	<0.150	0.150	08/17/2022	ND	6.18	103	6.00	8.37	
Total BTEX	<0.300	0.300	08/17/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	17200	16.0	08/17/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2022	ND	212	106	200	5.28	
DRO >C10-C28*	<10.0	10.0	08/17/2022	ND	201	101	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	08/17/2022	ND					

Surrogate: 1-Chlorooctane 78.9 % 43-149

Surrogate: 1-Chlorooctadecane 95.4 % 42.5-161

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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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received: 08/17/2022
 Reported: 08/18/2022
 Project Name: SOUTHERN CALI 29 FED 16
 Project Number: NONE GIVEN
 Project Location: CIMAREX

Sampling Date: 08/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TT - 1 4' (H223750-04)

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	08/17/2022	ND	2.11	105	2.00	9.48	
Toluene*	<0.050	0.050	08/17/2022	ND	2.05	102	2.00	9.73	
Ethylbenzene*	<0.050	0.050	08/17/2022	ND	2.00	99.8	2.00	9.71	
Total Xylenes*	<0.150	0.150	08/17/2022	ND	6.18	103	6.00	8.37	
Total BTEX	<0.300	0.300	08/17/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	13300	16.0	08/17/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2022	ND	212	106	200	5.28	
DRO >C10-C28*	<10.0	10.0	08/17/2022	ND	201	101	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	08/17/2022	ND					

Surrogate: 1-Chlorooctane 74.9 % 43-149

Surrogate: 1-Chlorooctadecane 90.9 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	08/17/2022	Sampling Date:	08/16/2022
Reported:	08/18/2022	Sampling Type:	Soil
Project Name:	SOUTHERN CALI 29 FED 16	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	CIMAREX		

Sample ID: TT - 1 6' (H223750-05)

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	08/17/2022	ND	2.11	105	2.00	9.48		
Toluene*	<0.050	0.050	08/17/2022	ND	2.05	102	2.00	9.73		
Ethylbenzene*	<0.050	0.050	08/17/2022	ND	2.00	99.8	2.00	9.71		
Total Xylenes*	<0.150	0.150	08/17/2022	ND	6.18	103	6.00	8.37		
Total BTEX	<0.300	0.300	08/17/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1460	16.0	08/17/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/17/2022	ND	212	106	200	5.28		
DRO >C10-C28*	<10.0	10.0	08/17/2022	ND	201	101	200	1.45		
EXT DRO >C28-C36	<10.0	10.0	08/17/2022	ND						

Surrogate: 1-Chlorooctane 78.1 % 43-149

Surrogate: 1-Chlorooctadecane 94.8 % 42.5-161

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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received: 08/17/2022
 Reported: 08/18/2022
 Project Name: SOUTHERN CALI 29 FED 16
 Project Number: NONE GIVEN
 Project Location: CIMAREX

Sampling Date: 08/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TT - 1 8' (H223750-06)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2022	ND	2.11	105	2.00	9.48	
Toluene*	<0.050	0.050	08/17/2022	ND	2.05	102	2.00	9.73	
Ethylbenzene*	<0.050	0.050	08/17/2022	ND	2.00	99.8	2.00	9.71	
Total Xylenes*	<0.150	0.150	08/17/2022	ND	6.18	103	6.00	8.37	
Total BTEX	<0.300	0.300	08/17/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	08/17/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2022	ND	212	106	200	5.28	
DRO >C10-C28*	<10.0	10.0	08/17/2022	ND	201	101	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	08/17/2022	ND					

Surrogate: 1-Chlorooctane 84.8 % 43-149

Surrogate: 1-Chlorooctadecane 103 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	08/17/2022	Sampling Date:	08/16/2022
Reported:	08/18/2022	Sampling Type:	Soil
Project Name:	SOUTHERN CALI 29 FED 16	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	CIMAREX		

Sample ID: TT - 2 0-1' (H223750-07)

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	08/17/2022	ND	2.11	105	2.00	9.48	
Toluene*	<0.050	0.050	08/17/2022	ND	2.05	102	2.00	9.73	
Ethylbenzene*	<0.050	0.050	08/17/2022	ND	2.00	99.8	2.00	9.71	
Total Xylenes*	<0.150	0.150	08/17/2022	ND	6.18	103	6.00	8.37	
Total BTEX	<0.300	0.300	08/17/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3320	16.0	08/17/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2022	ND	212	106	200	5.28	
DRO >C10-C28*	<10.0	10.0	08/17/2022	ND	201	101	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	08/17/2022	ND					

Surrogate: 1-Chlorooctane 83.5 % 43-149

Surrogate: 1-Chlorooctadecane 99.6 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received: 08/17/2022
 Reported: 08/18/2022
 Project Name: SOUTHERN CALI 29 FED 16
 Project Number: NONE GIVEN
 Project Location: CIMAREX

Sampling Date: 08/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TT - 2 2' (H223750-08)

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	08/17/2022	ND	2.11	105	2.00	9.48		
Toluene*	<0.050	0.050	08/17/2022	ND	2.05	102	2.00	9.73		
Ethylbenzene*	<0.050	0.050	08/17/2022	ND	2.00	99.8	2.00	9.71		
Total Xylenes*	<0.150	0.150	08/17/2022	ND	6.18	103	6.00	8.37		
Total BTEX	<0.300	0.300	08/17/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	14400	16.0	08/18/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/17/2022	ND	212	106	200	5.28		
DRO >C10-C28*	<10.0	10.0	08/17/2022	ND	201	101	200	1.45		
EXT DRO >C28-C36	<10.0	10.0	08/17/2022	ND						

Surrogate: 1-Chlorooctane 76.2 % 43-149

Surrogate: 1-Chlorooctadecane 91.2 % 42.5-161

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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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	08/17/2022	Sampling Date:	08/16/2022
Reported:	08/18/2022	Sampling Type:	Soil
Project Name:	SOUTHERN CALI 29 FED 16	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	CIMAREX		

Sample ID: TT - 2 3' (H223750-09)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/17/2022	ND	2.11	105	2.00	9.48		
Toluene*	<0.050	0.050	08/17/2022	ND	2.05	102	2.00	9.73		
Ethylbenzene*	<0.050	0.050	08/17/2022	ND	2.00	99.8	2.00	9.71		
Total Xylenes*	<0.150	0.150	08/17/2022	ND	6.18	103	6.00	8.37		
Total BTEX	<0.300	0.300	08/17/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4160	16.0	08/18/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/17/2022	ND	212	106	200	5.28		
DRO >C10-C28*	<10.0	10.0	08/17/2022	ND	201	101	200	1.45		
EXT DRO >C28-C36	<10.0	10.0	08/17/2022	ND						

Surrogate: 1-Chlorooctane 76.6 % 43-149

Surrogate: 1-Chlorooctadecane 92.1 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	08/17/2022	Sampling Date:	08/16/2022
Reported:	08/18/2022	Sampling Type:	Soil
Project Name:	SOUTHERN CALI 29 FED 16	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	CIMAREX		

Sample ID: TT - 2 4' (H223750-10)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/17/2022	ND	2.11	105	2.00	9.48		
Toluene*	<0.050	0.050	08/17/2022	ND	2.05	102	2.00	9.73		
Ethylbenzene*	<0.050	0.050	08/17/2022	ND	2.00	99.8	2.00	9.71		
Total Xylenes*	<0.150	0.150	08/17/2022	ND	6.18	103	6.00	8.37		
Total BTEX	<0.300	0.300	08/17/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1540	16.0	08/18/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/17/2022	ND	212	106	200	5.28		
DRO >C10-C28*	<10.0	10.0	08/17/2022	ND	201	101	200	1.45		
EXT DRO >C28-C36	<10.0	10.0	08/17/2022	ND						

Surrogate: 1-Chlorooctane 80.8 % 43-149

Surrogate: 1-Chlorooctadecane 97.0 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	08/17/2022	Sampling Date:	08/16/2022
Reported:	08/18/2022	Sampling Type:	Soil
Project Name:	SOUTHERN CALI 29 FED 16	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	CIMAREX		

Sample ID: TT - 2 6' (H223750-11)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/17/2022	ND	2.11	105	2.00	9.48		
Toluene*	<0.050	0.050	08/17/2022	ND	2.05	102	2.00	9.73		
Ethylbenzene*	<0.050	0.050	08/17/2022	ND	2.00	99.8	2.00	9.71		
Total Xylenes*	<0.150	0.150	08/17/2022	ND	6.18	103	6.00	8.37		
Total BTEX	<0.300	0.300	08/17/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	08/18/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/17/2022	ND	212	106	200	5.28		
DRO >C10-C28*	<10.0	10.0	08/17/2022	ND	201	101	200	1.45		
EXT DRO >C28-C36	<10.0	10.0	08/17/2022	ND						

Surrogate: 1-Chlorooctane 81.8 % 43-149

Surrogate: 1-Chlorooctadecane 97.8 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	08/17/2022	Sampling Date:	08/16/2022
Reported:	08/18/2022	Sampling Type:	Soil
Project Name:	SOUTHERN CALI 29 FED 16	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	CIMAREX		

Sample ID: TT - 3 0-1' (H223750-12)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2022	ND	2.11	105	2.00	9.48	
Toluene*	<0.050	0.050	08/17/2022	ND	2.05	102	2.00	9.73	
Ethylbenzene*	<0.050	0.050	08/17/2022	ND	2.00	99.8	2.00	9.71	
Total Xylenes*	<0.150	0.150	08/17/2022	ND	6.18	103	6.00	8.37	
Total BTEX	<0.300	0.300	08/17/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10400	16.0	08/18/2022	ND	448	112	400	3.64	QM-07

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	08/17/2022	ND	212	106	200	5.28	
DRO >C10-C28*	<10.0	10.0	08/17/2022	ND	201	101	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	08/17/2022	ND					

Surrogate: 1-Chlorooctane 79.3 % 43-149

Surrogate: 1-Chlorooctadecane 95.7 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	08/17/2022	Sampling Date:	08/16/2022
Reported:	08/18/2022	Sampling Type:	Soil
Project Name:	SOUTHERN CALI 29 FED 16	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	CIMAREX		

Sample ID: TT - 3 2' (H223750-13)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/17/2022	ND	2.11	105	2.00	9.48		
Toluene*	<0.050	0.050	08/17/2022	ND	2.05	102	2.00	9.73		
Ethylbenzene*	<0.050	0.050	08/17/2022	ND	2.00	99.8	2.00	9.71		
Total Xylenes*	<0.150	0.150	08/17/2022	ND	6.18	103	6.00	8.37		
Total BTEX	<0.300	0.300	08/17/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	10900	16.0	08/18/2022	ND	448	112	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	08/17/2022	ND	212	106	200	5.28		
DRO >C10-C28*	<10.0	10.0	08/17/2022	ND	201	101	200	1.45		
EXT DRO >C28-C36	<10.0	10.0	08/17/2022	ND						

Surrogate: 1-Chlorooctane 85.6 % 43-149

Surrogate: 1-Chlorooctadecane 102 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received: 08/17/2022
 Reported: 08/18/2022
 Project Name: SOUTHERN CALI 29 FED 16
 Project Number: NONE GIVEN
 Project Location: CIMAREX

Sampling Date: 08/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TT - 3 3' (H223750-14)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2022	ND	2.11	105	2.00	9.48	
Toluene*	<0.050	0.050	08/17/2022	ND	2.05	102	2.00	9.73	
Ethylbenzene*	<0.050	0.050	08/17/2022	ND	2.00	99.8	2.00	9.71	
Total Xylenes*	<0.150	0.150	08/17/2022	ND	6.18	103	6.00	8.37	
Total BTEX	<0.300	0.300	08/17/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8130	16.0	08/18/2022	ND	448	112	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	08/17/2022	ND	212	106	200	5.28	
DRO >C10-C28*	<10.0	10.0	08/17/2022	ND	201	101	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	08/17/2022	ND					

Surrogate: 1-Chlorooctane 81.6 % 43-149

Surrogate: 1-Chlorooctadecane 98.3 % 42.5-161

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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	08/17/2022	Sampling Date:	08/16/2022
Reported:	08/18/2022	Sampling Type:	Soil
Project Name:	SOUTHERN CALI 29 FED 16	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	CIMAREX		

Sample ID: TT - 3 4' (H223750-15)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/17/2022	ND	2.11	105	2.00	9.48		
Toluene*	<0.050	0.050	08/17/2022	ND	2.05	102	2.00	9.73		
Ethylbenzene*	<0.050	0.050	08/17/2022	ND	2.00	99.8	2.00	9.71		
Total Xylenes*	<0.150	0.150	08/17/2022	ND	6.18	103	6.00	8.37		
Total BTEX	<0.300	0.300	08/17/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	7060	16.0	08/18/2022	ND	448	112	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	08/17/2022	ND	212	106	200	5.28		
DRO >C10-C28*	<10.0	10.0	08/17/2022	ND	201	101	200	1.45		
EXT DRO >C28-C36	<10.0	10.0	08/17/2022	ND						

Surrogate: 1-Chlorooctane 82.7 % 43-149

Surrogate: 1-Chlorooctadecane 99.9 % 42.5-161

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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received: 08/17/2022
 Reported: 08/18/2022
 Project Name: SOUTHERN CALI 29 FED 16
 Project Number: NONE GIVEN
 Project Location: CIMAREX

Sampling Date: 08/16/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TT - 3 6' (H223750-16)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2022	ND	2.11	105	2.00	9.48	
Toluene*	<0.050	0.050	08/17/2022	ND	2.05	102	2.00	9.73	
Ethylbenzene*	<0.050	0.050	08/17/2022	ND	2.00	99.8	2.00	9.71	
Total Xylenes*	<0.150	0.150	08/17/2022	ND	6.18	103	6.00	8.37	
Total BTEX	<0.300	0.300	08/17/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	08/18/2022	ND	448	112	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	08/17/2022	ND	212	106	200	5.28	
DRO >C10-C28*	<10.0	10.0	08/17/2022	ND	201	101	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	08/17/2022	ND					

Surrogate: 1-Chlorooctane 78.8 % 43-149

Surrogate: 1-Chlorooctadecane 93.6 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

BILL TO

ANALYSIS REQUEST

Company Name: ABR BOSTER PUSSES P.O. #:
 Project Manager: MICHAEL COLLIER Company: CIMAREX
 Address: Attn: LUCY LOIG
 City: State: Zip:
 Phone #: Fax #:
 Project #: Project Owner: CIMAREX
 Project Name: City: State: Zip:
 Project Location: SOUTHFIELD CANT. OF FSD 16 Phone #:
 Sampler Name: POY BSL Fax #:
 FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	ANALYSIS REQUEST
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE						
HA23750	TT-1 0-1'	✓	✓	✓	✓	✓	✓	✓	✓	✓	8/16	9:00A	CLORIDSS	
	TT-1 0-1'	✓	✓	✓	✓	✓	✓	✓	✓	✓	8/16	9:05A	TPX	
	TT-1 1-3'	✓	✓	✓	✓	✓	✓	✓	✓	✓	8/16	9:10A	RTGX	
	TT-1 1-3'	✓	✓	✓	✓	✓	✓	✓	✓	✓	8/16	9:15A		
	TT-1 1-6'	✓	✓	✓	✓	✓	✓	✓	✓	✓	8/16	9:20A		
	TT-1 1-8'	✓	✓	✓	✓	✓	✓	✓	✓	✓	8/16	9:25A		
	TT-2 0-1'	✓	✓	✓	✓	✓	✓	✓	✓	✓	8/16	10:00A		
	TT-2 0-1'	✓	✓	✓	✓	✓	✓	✓	✓	✓	8/16	10:05A		
	TT-2 0-3'	✓	✓	✓	✓	✓	✓	✓	✓	✓	8/16	10:10A		
	TT-2 0-4'	✓	✓	✓	✓	✓	✓	✓	✓	✓	8/16	10:15A		

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Relinquished By: Date: 8/17 Received By:
 Relinquished By: Date: 8/17 Received By:
 Time: 8:00am Time:
 Delivered By: (Circle One) UPS Sample Condition: Intact CHECKED BY:
 Sampler - UPS - Bus - Other: Cool Yes Intact Yes
 5.52 #113 No No

REMARKS: 48 HR BUS!
 Phone Result: Yes No Add'l Phone #:
 Fax Result: Yes No Add'l Fax #:



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

August 29, 2022

MICHAEL COLLIER
H & R ENTERPRISES
1010 GAMBLIN ROAD
HOBBS, NM 88240

RE: SOUTHERN CALI 29 FED 16H

Enclosed are the results of analyses for samples received by the laboratory on 08/25/22 14:48.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style.

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	08/25/2022	Sampling Date:	08/25/2022
Reported:	08/29/2022	Sampling Type:	Soil
Project Name:	SOUTHERN CALI 29 FED 16H	Sampling Condition:	Cool & Intact
Project Number:	(SC - 29)	Sample Received By:	Tamara Oldaker
Project Location:	CIMAREX - LEA CO NM		

Sample ID: S - 1 5' (H223921-01)

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	08/26/2022	ND	2.15	107	2.00	4.03	
Toluene*	<0.050	0.050	08/26/2022	ND	2.08	104	2.00	4.40	
Ethylbenzene*	<0.050	0.050	08/26/2022	ND	2.03	101	2.00	4.08	
Total Xylenes*	<0.150	0.150	08/26/2022	ND	6.23	104	6.00	4.28	
Total BTEX	<0.300	0.300	08/26/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5840	16.0	08/26/2022	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2022	ND	206	103	200	4.27	
DRO >C10-C28*	<10.0	10.0	08/25/2022	ND	215	107	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	08/25/2022	ND					

Surrogate: 1-Chlorooctane 92.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.4 % 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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	08/25/2022	Sampling Date:	08/25/2022
Reported:	08/29/2022	Sampling Type:	Soil
Project Name:	SOUTHERN CALI 29 FED 16H	Sampling Condition:	Cool & Intact
Project Number:	(SC - 29)	Sample Received By:	Tamara Oldaker
Project Location:	CIMAREX - LEA CO NM		

Sample ID: S - 2 5' (H223921-02)

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	08/26/2022	ND	2.15	107	2.00	4.03		
Toluene*	<0.050	0.050	08/26/2022	ND	2.08	104	2.00	4.40		
Ethylbenzene*	<0.050	0.050	08/26/2022	ND	2.03	101	2.00	4.08		
Total Xylenes*	<0.150	0.150	08/26/2022	ND	6.23	104	6.00	4.28		
Total BTEX	<0.300	0.300	08/26/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5200	16.0	08/26/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/25/2022	ND	206	103	200	4.27		
DRO >C10-C28*	<10.0	10.0	08/25/2022	ND	215	107	200	1.24		
EXT DRO >C28-C36	<10.0	10.0	08/25/2022	ND						

Surrogate: 1-Chlorooctane 94.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.5 % 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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	08/25/2022	Sampling Date:	08/25/2022
Reported:	08/29/2022	Sampling Type:	Soil
Project Name:	SOUTHERN CALI 29 FED 16H	Sampling Condition:	Cool & Intact
Project Number:	(SC - 29)	Sample Received By:	Tamara Oldaker
Project Location:	CIMAREX - LEA CO NM		

Sample ID: S - 3 5' (H223921-03)

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	08/26/2022	ND	2.15	107	2.00	4.03	
Toluene*	<0.050	0.050	08/26/2022	ND	2.08	104	2.00	4.40	
Ethylbenzene*	<0.050	0.050	08/26/2022	ND	2.03	101	2.00	4.08	
Total Xylenes*	<0.150	0.150	08/26/2022	ND	6.23	104	6.00	4.28	
Total BTEX	<0.300	0.300	08/26/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5520	16.0	08/26/2022	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2022	ND	206	103	200	4.27	
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	215	107	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND					

Surrogate: 1-Chlorooctane 94.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 100 % 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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	08/25/2022	Sampling Date:	08/25/2022
Reported:	08/29/2022	Sampling Type:	Soil
Project Name:	SOUTHERN CALI 29 FED 16H	Sampling Condition:	Cool & Intact
Project Number:	(SC - 29)	Sample Received By:	Tamara Oldaker
Project Location:	CIMAREX - LEA CO NM		

Sample ID: S - 4 4' (H223921-04)

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	08/26/2022	ND	2.15	107	2.00	4.03	
Toluene*	<0.050	0.050	08/26/2022	ND	2.08	104	2.00	4.40	
Ethylbenzene*	<0.050	0.050	08/26/2022	ND	2.03	101	2.00	4.08	
Total Xylenes*	<0.150	0.150	08/26/2022	ND	6.23	104	6.00	4.28	
Total BTEX	<0.300	0.300	08/26/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6320	16.0	08/26/2022	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2022	ND	206	103	200	4.27	
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	215	107	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND					

Surrogate: 1-Chlorooctane 84.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 89.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	08/25/2022	Sampling Date:	08/25/2022
Reported:	08/29/2022	Sampling Type:	Soil
Project Name:	SOUTHERN CALI 29 FED 16H	Sampling Condition:	Cool & Intact
Project Number:	(SC - 29)	Sample Received By:	Tamara Oldaker
Project Location:	CIMAREX - LEA CO NM		

Sample ID: S - 5 4' (H223921-05)

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	08/26/2022	ND	2.15	107	2.00	4.03	
Toluene*	<0.050	0.050	08/26/2022	ND	2.08	104	2.00	4.40	
Ethylbenzene*	<0.050	0.050	08/26/2022	ND	2.03	101	2.00	4.08	
Total Xylenes*	<0.150	0.150	08/26/2022	ND	6.23	104	6.00	4.28	
Total BTEX	<0.300	0.300	08/26/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6000	16.0	08/26/2022	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2022	ND	206	103	200	4.27	
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	215	107	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND					

Surrogate: 1-Chlorooctane 95.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.2 % 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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	08/25/2022	Sampling Date:	08/25/2022
Reported:	08/29/2022	Sampling Type:	Soil
Project Name:	SOUTHERN CALI 29 FED 16H	Sampling Condition:	Cool & Intact
Project Number:	(SC - 29)	Sample Received By:	Tamara Oldaker
Project Location:	CIMAREX - LEA CO NM		

Sample ID: S - 6 4' (H223921-06)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2022	ND	2.15	107	2.00	4.03		
Toluene*	<0.050	0.050	08/26/2022	ND	2.08	104	2.00	4.40		
Ethylbenzene*	<0.050	0.050	08/26/2022	ND	2.03	101	2.00	4.08		
Total Xylenes*	<0.150	0.150	08/26/2022	ND	6.23	104	6.00	4.28		
Total BTEX	<0.300	0.300	08/26/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6080	16.0	08/26/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/26/2022	ND	206	103	200	4.27		
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	215	107	200	1.24		
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND						

Surrogate: 1-Chlorooctane 94.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.8 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	08/25/2022	Sampling Date:	08/25/2022
Reported:	08/29/2022	Sampling Type:	Soil
Project Name:	SOUTHERN CALI 29 FED 16H	Sampling Condition:	Cool & Intact
Project Number:	(SC - 29)	Sample Received By:	Tamara Oldaker
Project Location:	CIMAREX - LEA CO NM		

Sample ID: S - 7 4' (H223921-07)

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	08/26/2022	ND	2.15	107	2.00	4.03		
Toluene*	<0.050	0.050	08/26/2022	ND	2.08	104	2.00	4.40		
Ethylbenzene*	<0.050	0.050	08/26/2022	ND	2.03	101	2.00	4.08		
Total Xylenes*	<0.150	0.150	08/26/2022	ND	6.23	104	6.00	4.28		
Total BTEX	<0.300	0.300	08/26/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6560	16.0	08/26/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/26/2022	ND	206	103	200	4.27		
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	215	107	200	1.24		
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND						

Surrogate: 1-Chlorooctane 97.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.4 % 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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	08/25/2022	Sampling Date:	08/25/2022
Reported:	08/29/2022	Sampling Type:	Soil
Project Name:	SOUTHERN CALI 29 FED 16H	Sampling Condition:	Cool & Intact
Project Number:	(SC - 29)	Sample Received By:	Tamara Oldaker
Project Location:	CIMAREX - LEA CO NM		

Sample ID: S - 8 4' (H223921-08)

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	08/26/2022	ND	2.14	107	2.00	3.09		
Toluene*	<0.050	0.050	08/26/2022	ND	2.07	103	2.00	2.75		
Ethylbenzene*	<0.050	0.050	08/26/2022	ND	2.02	101	2.00	3.01		
Total Xylenes*	<0.150	0.150	08/26/2022	ND	6.27	104	6.00	3.30		
Total BTEX	<0.300	0.300	08/26/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	7520	16.0	08/26/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/26/2022	ND	206	103	200	4.27		
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	215	107	200	1.24		
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND						

Surrogate: 1-Chlorooctane 96.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.7 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	08/25/2022	Sampling Date:	08/25/2022
Reported:	08/29/2022	Sampling Type:	Soil
Project Name:	SOUTHERN CALI 29 FED 16H	Sampling Condition:	Cool & Intact
Project Number:	(SC - 29)	Sample Received By:	Tamara Oldaker
Project Location:	CIMAREX - LEA CO NM		

Sample ID: S - 9 4' (H223921-09)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2022	ND	2.14	107	2.00	3.09		
Toluene*	<0.050	0.050	08/26/2022	ND	2.07	103	2.00	2.75		
Ethylbenzene*	<0.050	0.050	08/26/2022	ND	2.02	101	2.00	3.01		
Total Xylenes*	<0.150	0.150	08/26/2022	ND	6.27	104	6.00	3.30		
Total BTEX	<0.300	0.300	08/26/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6800	16.0	08/26/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/26/2022	ND	206	103	200	4.27		
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	215	107	200	1.24		
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND						

Surrogate: 1-Chlorooctane 88.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	08/25/2022	Sampling Date:	08/25/2022
Reported:	08/29/2022	Sampling Type:	Soil
Project Name:	SOUTHERN CALI 29 FED 16H	Sampling Condition:	Cool & Intact
Project Number:	(SC - 29)	Sample Received By:	Tamara Oldaker
Project Location:	CIMAREX - LEA CO NM		

Sample ID: S - 10 4' (H223921-10)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2022	ND	2.14	107	2.00	3.09		
Toluene*	<0.050	0.050	08/26/2022	ND	2.07	103	2.00	2.75		
Ethylbenzene*	<0.050	0.050	08/26/2022	ND	2.02	101	2.00	3.01		
Total Xylenes*	<0.150	0.150	08/26/2022	ND	6.27	104	6.00	3.30		
Total BTEX	<0.300	0.300	08/26/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5760	16.0	08/26/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/26/2022	ND	206	103	200	4.27		
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	215	107	200	1.24		
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND						

Surrogate: 1-Chlorooctane 94.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	08/25/2022	Sampling Date:	08/25/2022
Reported:	08/29/2022	Sampling Type:	Soil
Project Name:	SOUTHERN CALI 29 FED 16H	Sampling Condition:	Cool & Intact
Project Number:	(SC - 29)	Sample Received By:	Tamara Oldaker
Project Location:	CIMAREX - LEA CO NM		

Sample ID: S - 11 4' (H223921-11)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2022	ND	2.14	107	2.00	3.09		
Toluene*	<0.050	0.050	08/26/2022	ND	2.07	103	2.00	2.75		
Ethylbenzene*	<0.050	0.050	08/26/2022	ND	2.02	101	2.00	3.01		
Total Xylenes*	<0.150	0.150	08/26/2022	ND	6.27	104	6.00	3.30		
Total BTEX	<0.300	0.300	08/26/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6320	16.0	08/26/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/26/2022	ND	206	103	200	4.27		
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	215	107	200	1.24		
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND						

Surrogate: 1-Chlorooctane 89.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.8 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	08/25/2022	Sampling Date:	08/25/2022
Reported:	08/29/2022	Sampling Type:	Soil
Project Name:	SOUTHERN CALI 29 FED 16H	Sampling Condition:	Cool & Intact
Project Number:	(SC - 29)	Sample Received By:	Tamara Oldaker
Project Location:	CIMAREX - LEA CO NM		

Sample ID: S - 12 4' (H223921-12)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2022	ND	2.14	107	2.00	3.09		
Toluene*	<0.050	0.050	08/26/2022	ND	2.07	103	2.00	2.75		
Ethylbenzene*	<0.050	0.050	08/26/2022	ND	2.02	101	2.00	3.01		
Total Xylenes*	<0.150	0.150	08/26/2022	ND	6.27	104	6.00	3.30		
Total BTEX	<0.300	0.300	08/26/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6800	16.0	08/26/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/26/2022	ND	206	103	200	4.27		
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	215	107	200	1.24		
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND						

Surrogate: 1-Chlorooctane 93.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.8 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	08/25/2022	Sampling Date:	08/25/2022
Reported:	08/29/2022	Sampling Type:	Soil
Project Name:	SOUTHERN CALI 29 FED 16H	Sampling Condition:	Cool & Intact
Project Number:	(SC - 29)	Sample Received By:	Tamara Oldaker
Project Location:	CIMAREX - LEA CO NM		

Sample ID: S - 13 4' (H223921-13)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2022	ND	2.14	107	2.00	3.09		
Toluene*	<0.050	0.050	08/26/2022	ND	2.07	103	2.00	2.75		
Ethylbenzene*	<0.050	0.050	08/26/2022	ND	2.02	101	2.00	3.01		
Total Xylenes*	<0.150	0.150	08/26/2022	ND	6.27	104	6.00	3.30		
Total BTEX	<0.300	0.300	08/26/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6320	16.0	08/26/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/26/2022	ND	206	103	200	4.27		
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	215	107	200	1.24		
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND						

Surrogate: 1-Chlorooctane 91.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.2 % 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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	08/25/2022	Sampling Date:	08/25/2022
Reported:	08/29/2022	Sampling Type:	Soil
Project Name:	SOUTHERN CALI 29 FED 16H	Sampling Condition:	Cool & Intact
Project Number:	(SC - 29)	Sample Received By:	Tamara Oldaker
Project Location:	CIMAREX - LEA CO NM		

Sample ID: S - 14 4' (H223921-14)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2022	ND	2.14	107	2.00	3.09		
Toluene*	<0.050	0.050	08/26/2022	ND	2.07	103	2.00	2.75		
Ethylbenzene*	<0.050	0.050	08/26/2022	ND	2.02	101	2.00	3.01		
Total Xylenes*	<0.150	0.150	08/26/2022	ND	6.27	104	6.00	3.30		
Total BTEX	<0.300	0.300	08/26/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5920	16.0	08/26/2022	ND	432	108	400	0.00	QM-07	

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	08/25/2022	ND	217	109	200	1.70		
DRO >C10-C28*	<10.0	10.0	08/25/2022	ND	222	111	200	2.00		
EXT DRO >C28-C36	<10.0	10.0	08/25/2022	ND						

Surrogate: 1-Chlorooctane 90.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.4 % 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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	08/25/2022	Sampling Date:	08/25/2022
Reported:	08/29/2022	Sampling Type:	Soil
Project Name:	SOUTHERN CALI 29 FED 16H	Sampling Condition:	Cool & Intact
Project Number:	(SC - 29)	Sample Received By:	Tamara Oldaker
Project Location:	CIMAREX - LEA CO NM		

Sample ID: S - 15 4' (H223921-15)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2022	ND	2.14	107	2.00	3.09		
Toluene*	<0.050	0.050	08/26/2022	ND	2.07	103	2.00	2.75		
Ethylbenzene*	<0.050	0.050	08/26/2022	ND	2.02	101	2.00	3.01		
Total Xylenes*	<0.150	0.150	08/26/2022	ND	6.27	104	6.00	3.30		
Total BTEX	<0.300	0.300	08/26/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6320	16.0	08/26/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/25/2022	ND	217	109	200	1.70		
DRO >C10-C28*	<10.0	10.0	08/25/2022	ND	222	111	200	2.00		
EXT DRO >C28-C36	<10.0	10.0	08/25/2022	ND						

Surrogate: 1-Chlorooctane 92.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.2 % 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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	08/25/2022	Sampling Date:	08/25/2022
Reported:	08/29/2022	Sampling Type:	Soil
Project Name:	SOUTHERN CALI 29 FED 16H	Sampling Condition:	Cool & Intact
Project Number:	(SC - 29)	Sample Received By:	Tamara Oldaker
Project Location:	CIMAREX - LEA CO NM		

Sample ID: S - 16 4' (H223921-16)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2022	ND	2.14	107	2.00	3.09		
Toluene*	<0.050	0.050	08/26/2022	ND	2.07	103	2.00	2.75		
Ethylbenzene*	<0.050	0.050	08/26/2022	ND	2.02	101	2.00	3.01		
Total Xylenes*	<0.150	0.150	08/26/2022	ND	6.27	104	6.00	3.30		
Total BTEX	<0.300	0.300	08/26/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2880	16.0	08/26/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/25/2022	ND	217	109	200	1.70		
DRO >C10-C28*	<10.0	10.0	08/25/2022	ND	222	111	200	2.00		
EXT DRO >C28-C36	<10.0	10.0	08/25/2022	ND						

Surrogate: 1-Chlorooctane 96.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 102 % 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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	08/25/2022	Sampling Date:	08/25/2022
Reported:	08/29/2022	Sampling Type:	Soil
Project Name:	SOUTHERN CALI 29 FED 16H	Sampling Condition:	Cool & Intact
Project Number:	(SC - 29)	Sample Received By:	Tamara Oldaker
Project Location:	CIMAREX - LEA CO NM		

Sample ID: S - 17 4' (H223921-17)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2022	ND	2.14	107	2.00	3.09		
Toluene*	<0.050	0.050	08/26/2022	ND	2.07	103	2.00	2.75		
Ethylbenzene*	<0.050	0.050	08/26/2022	ND	2.02	101	2.00	3.01		
Total Xylenes*	<0.150	0.150	08/26/2022	ND	6.27	104	6.00	3.30		
Total BTEX	<0.300	0.300	08/26/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2720	16.0	08/26/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/25/2022	ND	217	109	200	1.70		
DRO >C10-C28*	<10.0	10.0	08/25/2022	ND	222	111	200	2.00		
EXT DRO >C28-C36	<10.0	10.0	08/25/2022	ND						

Surrogate: 1-Chlorooctane 96.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	08/25/2022	Sampling Date:	08/25/2022
Reported:	08/29/2022	Sampling Type:	Soil
Project Name:	SOUTHERN CALI 29 FED 16H	Sampling Condition:	Cool & Intact
Project Number:	(SC - 29)	Sample Received By:	Tamara Oldaker
Project Location:	CIMAREX - LEA CO NM		

Sample ID: S - 18 4' (H223921-18)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2022	ND	2.14	107	2.00	3.09		
Toluene*	<0.050	0.050	08/26/2022	ND	2.07	103	2.00	2.75		
Ethylbenzene*	<0.050	0.050	08/26/2022	ND	2.02	101	2.00	3.01		
Total Xylenes*	<0.150	0.150	08/26/2022	ND	6.27	104	6.00	3.30		
Total BTEX	<0.300	0.300	08/26/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2960	16.0	08/26/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/25/2022	ND	217	109	200	1.70		
DRO >C10-C28*	<10.0	10.0	08/25/2022	ND	222	111	200	2.00		
EXT DRO >C28-C36	<10.0	10.0	08/25/2022	ND						

Surrogate: 1-Chlorooctane 84.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 88.4 % 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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	08/25/2022	Sampling Date:	08/25/2022
Reported:	08/29/2022	Sampling Type:	Soil
Project Name:	SOUTHERN CALI 29 FED 16H	Sampling Condition:	Cool & Intact
Project Number:	(SC - 29)	Sample Received By:	Tamara Oldaker
Project Location:	CIMAREX - LEA CO NM		

Sample ID: S - 19 4' (H223921-19)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2022	ND	2.14	107	2.00	3.09		
Toluene*	<0.050	0.050	08/26/2022	ND	2.07	103	2.00	2.75		
Ethylbenzene*	<0.050	0.050	08/26/2022	ND	2.02	101	2.00	3.01		
Total Xylenes*	<0.150	0.150	08/26/2022	ND	6.27	104	6.00	3.30		
Total BTEX	<0.300	0.300	08/26/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2600	16.0	08/26/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/25/2022	ND	217	109	200	1.70		
DRO >C10-C28*	<10.0	10.0	08/25/2022	ND	222	111	200	2.00		
EXT DRO >C28-C36	<10.0	10.0	08/25/2022	ND						

Surrogate: 1-Chlorooctane 92.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.9 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	08/25/2022	Sampling Date:	08/25/2022
Reported:	08/29/2022	Sampling Type:	Soil
Project Name:	SOUTHERN CALI 29 FED 16H	Sampling Condition:	Cool & Intact
Project Number:	(SC - 29)	Sample Received By:	Tamara Oldaker
Project Location:	CIMAREX - LEA CO NM		

Sample ID: S - 20 4' (H223921-20)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2022	ND	2.14	107	2.00	3.09		
Toluene*	<0.050	0.050	08/26/2022	ND	2.07	103	2.00	2.75		
Ethylbenzene*	<0.050	0.050	08/26/2022	ND	2.02	101	2.00	3.01		
Total Xylenes*	<0.150	0.150	08/26/2022	ND	6.27	104	6.00	3.30		
Total BTEX	<0.300	0.300	08/26/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3400	16.0	08/26/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/25/2022	ND	217	109	200	1.70		
DRO >C10-C28*	<10.0	10.0	08/25/2022	ND	222	111	200	2.00		
EXT DRO >C28-C36	<10.0	10.0	08/25/2022	ND						

Surrogate: 1-Chlorooctane 79.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 83.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	08/25/2022	Sampling Date:	08/25/2022
Reported:	08/29/2022	Sampling Type:	Soil
Project Name:	SOUTHERN CALI 29 FED 16H	Sampling Condition:	Cool & Intact
Project Number:	(SC - 29)	Sample Received By:	Tamara Oldaker
Project Location:	CIMAREX - LEA CO NM		

Sample ID: S - 21 4' (H223921-21)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2022	ND	2.14	107	2.00	3.09		
Toluene*	<0.050	0.050	08/26/2022	ND	2.07	103	2.00	2.75		
Ethylbenzene*	<0.050	0.050	08/26/2022	ND	2.02	101	2.00	3.01		
Total Xylenes*	<0.150	0.150	08/26/2022	ND	6.27	104	6.00	3.30		
Total BTEX	<0.300	0.300	08/26/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3400	16.0	08/26/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/26/2022	ND	217	109	200	1.70		
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	222	111	200	2.00		
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND						

Surrogate: 1-Chlorooctane 92.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.5 % 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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	08/25/2022	Sampling Date:	08/25/2022
Reported:	08/29/2022	Sampling Type:	Soil
Project Name:	SOUTHERN CALI 29 FED 16H	Sampling Condition:	Cool & Intact
Project Number:	(SC - 29)	Sample Received By:	Tamara Oldaker
Project Location:	CIMAREX - LEA CO NM		

Sample ID: S - 22 4' (H223921-22)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2022	ND	2.14	107	2.00	3.09		
Toluene*	<0.050	0.050	08/26/2022	ND	2.07	103	2.00	2.75		
Ethylbenzene*	<0.050	0.050	08/26/2022	ND	2.02	101	2.00	3.01		
Total Xylenes*	<0.150	0.150	08/26/2022	ND	6.27	104	6.00	3.30		
Total BTEX	<0.300	0.300	08/26/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2720	16.0	08/26/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/26/2022	ND	217	109	200	1.70		
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	222	111	200	2.00		
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND						

Surrogate: 1-Chlorooctane 86.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.9 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	08/25/2022	Sampling Date:	08/25/2022
Reported:	08/29/2022	Sampling Type:	Soil
Project Name:	SOUTHERN CALI 29 FED 16H	Sampling Condition:	Cool & Intact
Project Number:	(SC - 29)	Sample Received By:	Tamara Oldaker
Project Location:	CIMAREX - LEA CO NM		

Sample ID: S - 23 4' (H223921-23)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2022	ND	2.14	107	2.00	3.09		
Toluene*	<0.050	0.050	08/26/2022	ND	2.07	103	2.00	2.75		
Ethylbenzene*	<0.050	0.050	08/26/2022	ND	2.02	101	2.00	3.01		
Total Xylenes*	<0.150	0.150	08/26/2022	ND	6.27	104	6.00	3.30		
Total BTEX	<0.300	0.300	08/26/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2720	16.0	08/26/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/26/2022	ND	217	109	200	1.70		
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	222	111	200	2.00		
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND						

Surrogate: 1-Chlorooctane 90.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.7 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	08/25/2022	Sampling Date:	08/25/2022
Reported:	08/29/2022	Sampling Type:	Soil
Project Name:	SOUTHERN CALI 29 FED 16H	Sampling Condition:	Cool & Intact
Project Number:	(SC - 29)	Sample Received By:	Tamara Oldaker
Project Location:	CIMAREX - LEA CO NM		

Sample ID: S - 24 4' (H223921-24)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2022	ND	2.14	107	2.00	3.09		
Toluene*	<0.050	0.050	08/26/2022	ND	2.07	103	2.00	2.75		
Ethylbenzene*	<0.050	0.050	08/26/2022	ND	2.02	101	2.00	3.01		
Total Xylenes*	<0.150	0.150	08/26/2022	ND	6.27	104	6.00	3.30		
Total BTEX	<0.300	0.300	08/26/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3240	16.0	08/26/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/26/2022	ND	217	109	200	1.70		
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	222	111	200	2.00		
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND						

Surrogate: 1-Chlorooctane 82.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 86.4 % 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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	08/25/2022	Sampling Date:	08/25/2022
Reported:	08/29/2022	Sampling Type:	Soil
Project Name:	SOUTHERN CALI 29 FED 16H	Sampling Condition:	Cool & Intact
Project Number:	(SC - 29)	Sample Received By:	Tamara Oldaker
Project Location:	CIMAREX - LEA CO NM		

Sample ID: S - 25 4' (H223921-25)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2022	ND	2.14	107	2.00	3.09		
Toluene*	<0.050	0.050	08/26/2022	ND	2.07	103	2.00	2.75		
Ethylbenzene*	<0.050	0.050	08/26/2022	ND	2.02	101	2.00	3.01		
Total Xylenes*	<0.150	0.150	08/26/2022	ND	6.27	104	6.00	3.30		
Total BTEX	<0.300	0.300	08/26/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3560	16.0	08/26/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/26/2022	ND	217	109	200	1.70		
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	222	111	200	2.00		
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND						

Surrogate: 1-Chlorooctane 88.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	08/25/2022	Sampling Date:	08/25/2022
Reported:	08/29/2022	Sampling Type:	Soil
Project Name:	SOUTHERN CALI 29 FED 16H	Sampling Condition:	Cool & Intact
Project Number:	(SC - 29)	Sample Received By:	Tamara Oldaker
Project Location:	CIMAREX - LEA CO NM		

Sample ID: S - 26 4' (H223921-26)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2022	ND	2.14	107	2.00	3.09		
Toluene*	<0.050	0.050	08/26/2022	ND	2.07	103	2.00	2.75		
Ethylbenzene*	<0.050	0.050	08/26/2022	ND	2.02	101	2.00	3.01		
Total Xylenes*	<0.150	0.150	08/26/2022	ND	6.27	104	6.00	3.30		
Total BTEX	<0.300	0.300	08/26/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3240	16.0	08/26/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/26/2022	ND	217	109	200	1.70		
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	222	111	200	2.00		
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND						

Surrogate: 1-Chlorooctane 91.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	08/25/2022	Sampling Date:	08/25/2022
Reported:	08/29/2022	Sampling Type:	Soil
Project Name:	SOUTHERN CALI 29 FED 16H	Sampling Condition:	Cool & Intact
Project Number:	(SC - 29)	Sample Received By:	Tamara Oldaker
Project Location:	CIMAREX - LEA CO NM		

Sample ID: S - 27 4' (H223921-27)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2022	ND	2.14	107	2.00	3.09		
Toluene*	<0.050	0.050	08/26/2022	ND	2.07	103	2.00	2.75		
Ethylbenzene*	<0.050	0.050	08/26/2022	ND	2.02	101	2.00	3.01		
Total Xylenes*	<0.150	0.150	08/26/2022	ND	6.27	104	6.00	3.30		
Total BTEX	<0.300	0.300	08/26/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3560	16.0	08/26/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/26/2022	ND	217	109	200	1.70		
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	222	111	200	2.00		
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND						

Surrogate: 1-Chlorooctane 92.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.6 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	08/25/2022	Sampling Date:	08/25/2022
Reported:	08/29/2022	Sampling Type:	Soil
Project Name:	SOUTHERN CALI 29 FED 16H	Sampling Condition:	Cool & Intact
Project Number:	(SC - 29)	Sample Received By:	Tamara Oldaker
Project Location:	CIMAREX - LEA CO NM		

Sample ID: S - 28 4' (H223921-28)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2022	ND	2.16	108	2.00	1.41		
Toluene*	<0.050	0.050	08/26/2022	ND	2.09	104	2.00	1.83		
Ethylbenzene*	<0.050	0.050	08/26/2022	ND	2.05	102	2.00	1.59		
Total Xylenes*	<0.150	0.150	08/26/2022	ND	6.32	105	6.00	1.11		
Total BTEX	<0.300	0.300	08/26/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3080	16.0	08/26/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/26/2022	ND	217	109	200	1.70		
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	222	111	200	2.00		
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND						

Surrogate: 1-Chlorooctane 89.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.1 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	08/25/2022	Sampling Date:	08/25/2022
Reported:	08/29/2022	Sampling Type:	Soil
Project Name:	SOUTHERN CALI 29 FED 16H	Sampling Condition:	Cool & Intact
Project Number:	(SC - 29)	Sample Received By:	Tamara Oldaker
Project Location:	CIMAREX - LEA CO NM		

Sample ID: S - 29 4' (H223921-29)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2022	ND	2.16	108	2.00	1.41	
Toluene*	<0.050	0.050	08/26/2022	ND	2.09	104	2.00	1.83	
Ethylbenzene*	<0.050	0.050	08/26/2022	ND	2.05	102	2.00	1.59	
Total Xylenes*	<0.150	0.150	08/26/2022	ND	6.32	105	6.00	1.11	
Total BTEX	<0.300	0.300	08/26/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3320	16.0	08/26/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2022	ND	217	109	200	1.70	
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	222	111	200	2.00	
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND					

Surrogate: 1-Chlorooctane 87.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.4 % 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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	08/25/2022	Sampling Date:	08/25/2022
Reported:	08/29/2022	Sampling Type:	Soil
Project Name:	SOUTHERN CALI 29 FED 16H	Sampling Condition:	Cool & Intact
Project Number:	(SC - 29)	Sample Received By:	Tamara Oldaker
Project Location:	CIMAREX - LEA CO NM		

Sample ID: S - 30 4' (H223921-30)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2022	ND	2.16	108	2.00	1.41		
Toluene*	<0.050	0.050	08/26/2022	ND	2.09	104	2.00	1.83		
Ethylbenzene*	<0.050	0.050	08/26/2022	ND	2.05	102	2.00	1.59		
Total Xylenes*	<0.150	0.150	08/26/2022	ND	6.32	105	6.00	1.11		
Total BTEX	<0.300	0.300	08/26/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3040	16.0	08/26/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/26/2022	ND	217	109	200	1.70		
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	222	111	200	2.00		
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND						

Surrogate: 1-Chlorooctane 85.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 89.2 % 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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	08/25/2022	Sampling Date:	08/25/2022
Reported:	08/29/2022	Sampling Type:	Soil
Project Name:	SOUTHERN CALI 29 FED 16H	Sampling Condition:	Cool & Intact
Project Number:	(SC - 29)	Sample Received By:	Tamara Oldaker
Project Location:	CIMAREX - LEA CO NM		

Sample ID: S - 31 4' (H223921-31)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2022	ND	2.16	108	2.00	1.41		
Toluene*	<0.050	0.050	08/26/2022	ND	2.09	104	2.00	1.83		
Ethylbenzene*	<0.050	0.050	08/26/2022	ND	2.05	102	2.00	1.59		
Total Xylenes*	<0.150	0.150	08/26/2022	ND	6.32	105	6.00	1.11		
Total BTEX	<0.300	0.300	08/26/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3000	16.0	08/26/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/26/2022	ND	217	109	200	1.70		
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	222	111	200	2.00		
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND						

Surrogate: 1-Chlorooctane 85.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.9 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	08/25/2022	Sampling Date:	08/25/2022
Reported:	08/29/2022	Sampling Type:	Soil
Project Name:	SOUTHERN CALI 29 FED 16H	Sampling Condition:	Cool & Intact
Project Number:	(SC - 29)	Sample Received By:	Tamara Oldaker
Project Location:	CIMAREX - LEA CO NM		

Sample ID: S - 32 4' (H223921-32)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2022	ND	2.16	108	2.00	1.41	
Toluene*	<0.050	0.050	08/26/2022	ND	2.09	104	2.00	1.83	
Ethylbenzene*	<0.050	0.050	08/26/2022	ND	2.05	102	2.00	1.59	
Total Xylenes*	<0.150	0.150	08/26/2022	ND	6.32	105	6.00	1.11	
Total BTEX	<0.300	0.300	08/26/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2800	16.0	08/26/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2022	ND	217	109	200	1.70	
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	222	111	200	2.00	
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND					

Surrogate: 1-Chlorooctane 86.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.2 % 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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	08/25/2022	Sampling Date:	08/25/2022
Reported:	08/29/2022	Sampling Type:	Soil
Project Name:	SOUTHERN CALI 29 FED 16H	Sampling Condition:	Cool & Intact
Project Number:	(SC - 29)	Sample Received By:	Tamara Oldaker
Project Location:	CIMAREX - LEA CO NM		

Sample ID: SW - 1 5' (H223921-33)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2022	ND	2.16	108	2.00	1.41		
Toluene*	<0.050	0.050	08/26/2022	ND	2.09	104	2.00	1.83		
Ethylbenzene*	<0.050	0.050	08/26/2022	ND	2.05	102	2.00	1.59		
Total Xylenes*	<0.150	0.150	08/26/2022	ND	6.32	105	6.00	1.11		
Total BTEX	<0.300	0.300	08/26/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1400	16.0	08/26/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/26/2022	ND	217	109	200	1.70		
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	222	111	200	2.00		
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND						

Surrogate: 1-Chlorooctane 80.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 84.9 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	08/25/2022	Sampling Date:	08/25/2022
Reported:	08/29/2022	Sampling Type:	Soil
Project Name:	SOUTHERN CALI 29 FED 16H	Sampling Condition:	Cool & Intact
Project Number:	(SC - 29)	Sample Received By:	Tamara Oldaker
Project Location:	CIMAREX - LEA CO NM		

Sample ID: SW - 2 5' (H223921-34)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2022	ND	2.16	108	2.00	1.41		
Toluene*	<0.050	0.050	08/26/2022	ND	2.09	104	2.00	1.83		
Ethylbenzene*	<0.050	0.050	08/26/2022	ND	2.05	102	2.00	1.59		
Total Xylenes*	<0.150	0.150	08/26/2022	ND	6.32	105	6.00	1.11		
Total BTEX	<0.300	0.300	08/26/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1180	16.0	08/26/2022	ND	416	104	400	0.00	QM-07	

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	08/25/2022	ND	249	124	200	3.16		
DRO >C10-C28*	<10.0	10.0	08/25/2022	ND	262	131	200	5.80		
EXT DRO >C28-C36	<10.0	10.0	08/25/2022	ND						

Surrogate: 1-Chlorooctane 80.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.2 % 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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	08/25/2022	Sampling Date:	08/25/2022
Reported:	08/29/2022	Sampling Type:	Soil
Project Name:	SOUTHERN CALI 29 FED 16H	Sampling Condition:	Cool & Intact
Project Number:	(SC - 29)	Sample Received By:	Tamara Oldaker
Project Location:	CIMAREX - LEA CO NM		

Sample ID: SW - 3 4' (H223921-35)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2022	ND	2.16	108	2.00	1.41		
Toluene*	<0.050	0.050	08/26/2022	ND	2.09	104	2.00	1.83		
Ethylbenzene*	<0.050	0.050	08/26/2022	ND	2.05	102	2.00	1.59		
Total Xylenes*	<0.150	0.150	08/26/2022	ND	6.32	105	6.00	1.11		
Total BTEX	<0.300	0.300	08/26/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1570	16.0	08/26/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/25/2022	ND	249	124	200	3.16		
DRO >C10-C28*	<10.0	10.0	08/25/2022	ND	262	131	200	5.80		
EXT DRO >C28-C36	<10.0	10.0	08/25/2022	ND						

Surrogate: 1-Chlorooctane 82.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.5 % 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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	08/25/2022	Sampling Date:	08/25/2022
Reported:	08/29/2022	Sampling Type:	Soil
Project Name:	SOUTHERN CALI 29 FED 16H	Sampling Condition:	Cool & Intact
Project Number:	(SC - 29)	Sample Received By:	Tamara Oldaker
Project Location:	CIMAREX - LEA CO NM		

Sample ID: SW - 4 4' (H223921-36)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2022	ND	2.16	108	2.00	1.41	
Toluene*	<0.050	0.050	08/26/2022	ND	2.09	104	2.00	1.83	
Ethylbenzene*	<0.050	0.050	08/26/2022	ND	2.05	102	2.00	1.59	
Total Xylenes*	<0.150	0.150	08/26/2022	ND	6.32	105	6.00	1.11	
Total BTEX	<0.300	0.300	08/26/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1410	16.0	08/26/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2022	ND	249	124	200	3.16	
DRO >C10-C28*	<10.0	10.0	08/25/2022	ND	262	131	200	5.80	
EXT DRO >C28-C36	<10.0	10.0	08/25/2022	ND					

Surrogate: 1-Chlorooctane 93.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 110 % 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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	08/25/2022	Sampling Date:	08/25/2022
Reported:	08/29/2022	Sampling Type:	Soil
Project Name:	SOUTHERN CALI 29 FED 16H	Sampling Condition:	Cool & Intact
Project Number:	(SC - 29)	Sample Received By:	Tamara Oldaker
Project Location:	CIMAREX - LEA CO NM		

Sample ID: SW - 5 4' (H223921-37)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2022	ND	2.16	108	2.00	1.41	
Toluene*	<0.050	0.050	08/26/2022	ND	2.09	104	2.00	1.83	
Ethylbenzene*	<0.050	0.050	08/26/2022	ND	2.05	102	2.00	1.59	
Total Xylenes*	<0.150	0.150	08/26/2022	ND	6.32	105	6.00	1.11	
Total BTEX	<0.300	0.300	08/26/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	08/26/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2022	ND	249	124	200	3.16	
DRO >C10-C28*	<10.0	10.0	08/25/2022	ND	262	131	200	5.80	
EXT DRO >C28-C36	<10.0	10.0	08/25/2022	ND					

Surrogate: 1-Chlorooctane 81.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.2 % 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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	08/25/2022	Sampling Date:	08/25/2022
Reported:	08/29/2022	Sampling Type:	Soil
Project Name:	SOUTHERN CALI 29 FED 16H	Sampling Condition:	Cool & Intact
Project Number:	(SC - 29)	Sample Received By:	Tamara Oldaker
Project Location:	CIMAREX - LEA CO NM		

Sample ID: SW - 6 4' (H223921-38)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2022	ND	2.16	108	2.00	1.41		
Toluene*	<0.050	0.050	08/26/2022	ND	2.09	104	2.00	1.83		
Ethylbenzene*	<0.050	0.050	08/26/2022	ND	2.05	102	2.00	1.59		
Total Xylenes*	<0.150	0.150	08/26/2022	ND	6.32	105	6.00	1.11		
Total BTEX	<0.300	0.300	08/26/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1540	16.0	08/26/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/25/2022	ND	249	124	200	3.16		
DRO >C10-C28*	<10.0	10.0	08/25/2022	ND	262	131	200	5.80		
EXT DRO >C28-C36	<10.0	10.0	08/25/2022	ND						

Surrogate: 1-Chlorooctane 82.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.9 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	08/25/2022	Sampling Date:	08/25/2022
Reported:	08/29/2022	Sampling Type:	Soil
Project Name:	SOUTHERN CALI 29 FED 16H	Sampling Condition:	Cool & Intact
Project Number:	(SC - 29)	Sample Received By:	Tamara Oldaker
Project Location:	CIMAREX - LEA CO NM		

Sample ID: SW - 7 4' (H223921-39)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2022	ND	2.16	108	2.00	1.41	
Toluene*	<0.050	0.050	08/26/2022	ND	2.09	104	2.00	1.83	
Ethylbenzene*	<0.050	0.050	08/26/2022	ND	2.05	102	2.00	1.59	
Total Xylenes*	<0.150	0.150	08/26/2022	ND	6.32	105	6.00	1.11	
Total BTEX	<0.300	0.300	08/26/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1570	16.0	08/26/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2022	ND	249	124	200	3.16	
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	262	131	200	5.80	
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND					

Surrogate: 1-Chlorooctane 85.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	08/25/2022	Sampling Date:	08/25/2022
Reported:	08/29/2022	Sampling Type:	Soil
Project Name:	SOUTHERN CALI 29 FED 16H	Sampling Condition:	Cool & Intact
Project Number:	(SC - 29)	Sample Received By:	Tamara Oldaker
Project Location:	CIMAREX - LEA CO NM		

Sample ID: SW - 8 4' (H223921-40)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2022	ND	2.16	108	2.00	1.41		
Toluene*	<0.050	0.050	08/26/2022	ND	2.09	104	2.00	1.83		
Ethylbenzene*	<0.050	0.050	08/26/2022	ND	2.05	102	2.00	1.59		
Total Xylenes*	<0.150	0.150	08/26/2022	ND	6.32	105	6.00	1.11		
Total BTEX	<0.300	0.300	08/26/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1490	16.0	08/26/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/26/2022	ND	249	124	200	3.16		
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	262	131	200	5.80		
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND						

Surrogate: 1-Chlorooctane 83.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	08/25/2022	Sampling Date:	08/25/2022
Reported:	08/29/2022	Sampling Type:	Soil
Project Name:	SOUTHERN CALI 29 FED 16H	Sampling Condition:	Cool & Intact
Project Number:	(SC - 29)	Sample Received By:	Tamara Oldaker
Project Location:	CIMAREX - LEA CO NM		

Sample ID: SW - 9 5' (H223921-41)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2022	ND	2.16	108	2.00	1.41		
Toluene*	<0.050	0.050	08/26/2022	ND	2.09	104	2.00	1.83		
Ethylbenzene*	<0.050	0.050	08/26/2022	ND	2.05	102	2.00	1.59		
Total Xylenes*	<0.150	0.150	08/26/2022	ND	6.32	105	6.00	1.11		
Total BTEX	<0.300	0.300	08/26/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	08/26/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/26/2022	ND	249	124	200	3.16		
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	262	131	200	5.80		
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND						

Surrogate: 1-Chlorooctane 82.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	08/25/2022	Sampling Date:	08/25/2022
Reported:	08/29/2022	Sampling Type:	Soil
Project Name:	SOUTHERN CALI 29 FED 16H	Sampling Condition:	Cool & Intact
Project Number:	(SC - 29)	Sample Received By:	Tamara Oldaker
Project Location:	CIMAREX - LEA CO NM		

Sample ID: BG - 1 0-1' (H223921-42)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2022	ND	2.16	108	2.00	1.41	
Toluene*	<0.050	0.050	08/26/2022	ND	2.09	104	2.00	1.83	
Ethylbenzene*	<0.050	0.050	08/26/2022	ND	2.05	102	2.00	1.59	
Total Xylenes*	<0.150	0.150	08/26/2022	ND	6.32	105	6.00	1.11	
Total BTEX	<0.300	0.300	08/26/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/26/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2022	ND	249	124	200	3.16	
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	262	131	200	5.80	
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND					

Surrogate: 1-Chlorooctane 78.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 89.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	08/25/2022	Sampling Date:	08/25/2022
Reported:	08/29/2022	Sampling Type:	Soil
Project Name:	SOUTHERN CALI 29 FED 16H	Sampling Condition:	Cool & Intact
Project Number:	(SC - 29)	Sample Received By:	Tamara Oldaker
Project Location:	CIMAREX - LEA CO NM		

Sample ID: BG - 2 0-1' (H223921-43)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2022	ND	2.16	108	2.00	1.41	
Toluene*	<0.050	0.050	08/26/2022	ND	2.09	104	2.00	1.83	
Ethylbenzene*	<0.050	0.050	08/26/2022	ND	2.05	102	2.00	1.59	
Total Xylenes*	<0.150	0.150	08/26/2022	ND	6.32	105	6.00	1.11	
Total BTEX	<0.300	0.300	08/26/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/26/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2022	ND	249	124	200	3.16	
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	262	131	200	5.80	
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND					

Surrogate: 1-Chlorooctane 83.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	08/25/2022	Sampling Date:	08/25/2022
Reported:	08/29/2022	Sampling Type:	Soil
Project Name:	SOUTHERN CALI 29 FED 16H	Sampling Condition:	Cool & Intact
Project Number:	(SC - 29)	Sample Received By:	Tamara Oldaker
Project Location:	CIMAREX - LEA CO NM		

Sample ID: BG - 3 0-1' (H223921-44)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2022	ND	2.16	108	2.00	1.41	
Toluene*	<0.050	0.050	08/27/2022	ND	2.09	104	2.00	1.83	
Ethylbenzene*	<0.050	0.050	08/27/2022	ND	2.05	102	2.00	1.59	
Total Xylenes*	<0.150	0.150	08/27/2022	ND	6.32	105	6.00	1.11	
Total BTEX	<0.300	0.300	08/27/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/26/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2022	ND	249	124	200	3.16	
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	262	131	200	5.80	
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND					

Surrogate: 1-Chlorooctane 82.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.4 % 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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	08/25/2022	Sampling Date:	08/25/2022
Reported:	08/29/2022	Sampling Type:	Soil
Project Name:	SOUTHERN CALI 29 FED 16H	Sampling Condition:	Cool & Intact
Project Number:	(SC - 29)	Sample Received By:	Tamara Oldaker
Project Location:	CIMAREX - LEA CO NM		

Sample ID: BG - 4 0-1' (H223921-45)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2022	ND	2.16	108	2.00	1.41	
Toluene*	<0.050	0.050	08/27/2022	ND	2.09	104	2.00	1.83	
Ethylbenzene*	<0.050	0.050	08/27/2022	ND	2.05	102	2.00	1.59	
Total Xylenes*	<0.150	0.150	08/27/2022	ND	6.32	105	6.00	1.11	
Total BTEX	<0.300	0.300	08/27/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/26/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2022	ND	249	124	200	3.16	
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	262	131	200	5.80	
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND					

Surrogate: 1-Chlorooctane 77.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BS1 Blank spike recovery above laboratory acceptance criteria. Results for analyte potentially biased high.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: H&R Enterprises

Project Manager: Michael Collier

Address:

City:

State:

Zip:

Phone #:

Fax #:

Project #:

Project Name: Southern California 29 Federal 16H (SC-29)

Project Location: Lea County, NM

Sampler Name: Roy Bell

Lab I.D.

BILL TO

P.O. #:

Company: Cimarex Energy

Attn: Laci Lullig

Address:

City:

State:

Zip:

Phone #:

Fax #:

ANALYSIS REQUEST

Sample I.D.	(G)RAB OR (C)COMP.	# CONTAINERS	MATRIX						DATE	TIME	BTEX	TPH	Chlorides
			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER : ACID/BASE:					
1 S-1 5'	C	1			X					X	X	X	
2 S-2 5'													
3 S-3 5'													
4 S-4 4'													
5 S-5 4'													
6 S-6 4'													
7 S-7 4'													
8 S-8 4'													
9 S-9 4'													
10 S-10 4'													

PLEASE NOTE: Labels and Drawings: Cardinal's labels and client's instructions specify the use of labels and drawings. Labels and drawings shall be retained by the client for the entire period of the contract. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, but not limited to, loss of use, or loss of profits incurred by client, its subcontractors, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: [Signature]

Relinquished By: [Signature]

Relinquished By: [Signature]

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

Observed Temp. °C: 0.8
Corrected Temp. °C: 0.2

Sample Condition:
Cool Intact: Yes No

Checked By: [Signature]

Remarks: PAGE 1 of 5 48 HR RUSH

Thermometer ID #113
Correction Factor -0.5°C

Standard Matrix (only) Sample Condition

Yes No

FORM-006 R 3.2 10/07/21

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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2328 FAX (575) 393-2476

BILL TO

ANALYSIS REQUEST

Company Name: H&R Enterprises
 Project Manager: Michael Collier
 Address:
 City: State: Zip:
 Phone #: Fax #:
 Project #: Project Owner: Cimarex Energy
 Project Name: Southern California 29 Federal 18H (SC-29)
 Project Location: Lea County, NM
 Sampler Name: Roy Bell
 Lab I.D.:

P.O. #: Company: Cimarex Energy
 Attn: Laci Luing
 Address:
 City: State: Zip:
 Phone #: Fax #:

Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX							DATE	TIME	BTEX	TPH	Chlorides
			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER : ACID/BASE:	ICE / COOL					
H223921	C	1			X					8-25-22		X	X	X
11	S-11 4'													
12	S-12 4'													
13	S-13 4'													
14	S-14 4'													
15	S-15 4'													
16	S-16 4'													
17	S-17 4'													
18	S-18 4'													
19	S-19 4'													
20	S-20 4'													

FOR LAB USE ONLY

Relinquished By: [Signature]
 Date: 8-25-22
 Time: 1448

Received By: [Signature]
 Date: [Blank]
 Time: [Blank]

Delivered By: (Circle One)
 Sampler - UPS - Bus - Other: 0.2

Observed Temp. °C: 0.8
 Corrected Temp. °C: 0.2

Sample Condition:
 Cool: Yes No
 Intact: Yes No

CHECKED BY: (Initials) [Signature]

Vertical Result: Yes No
 All Results are emailed. Please provide Email address:
 REMARKS: PAGE 2 of 5 48 HR RUSH

Thermometer ID #113
 Correction Factor -0.2°C

Standard: Yes No
 Backside (only) Sample Condition: Yes No
 Corrected Temp. °C: Yes No

FORM-006 R 3.2 10/07/21

† Cardinal cannot accept verbal changes. Please email changes to caley.keene@cardinalabnm.com



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: H&R Enterprises
 Project Manager: Michael Collier
 Address:
 City: State: Zip:
 Phone #: Fax #:
 Project #: Project Owner: Cimarex Energy
 Project Location: Lea County, NM
 Project Name: Southern California 29 Federal 16H (SC-29)
 Project Location: Lea County, NM
 Sampler Name: Roy Bell
 P.O. #: Company: Cimarex Energy
 Attn: Lacl Luig
 Address:
 City: State: Zip:
 Phone #: Fax #:

FOR LAB USE ONLY
 Lab I.D. Sample I.D.
 MATRIX: GROUNDWATER, WASTEWATER, SOIL, OIL, SLUDGE, OTHER: ACID/BASE, ICE / COOL, OTHER:
 PRESERV. SAMPLING

Lab I.D.	Sample I.D.	(GRAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER : ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	BTEX	TPH	Chlorides
H223921		C	1			X						8-25-22		X	X	X
21	S-21 4'															
22	S-22 4'															
23	S-23 4'															
24	S-24 4'															
25	S-25 4'															
26	S-26 4'															
27	S-27 4'															
28	S-28 4'															
29	S-29 4'															
30	S-30 4'															

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Relinquished By: [Signature]
 Date: 8-25-22
 Received By: [Signature]
 Date: 8-25-22
 Observed Temp. °C: 0.8
 Corrected Temp. °C: 0.2
 Sample Condition: Cool Moist
 Checked By: [Signature]
 Remarks: PAGE 3 of 5 48 HR RUSH
 Verbal Result: Yes No
 Add'l Phone #:
 All Results are emailed. Please provide Email address:
 Transmitted Time: Standard Backlog (only) Sample Condition
 Cool Moist Observed Temp. °C
 Thermometer ID #113
 Correction Factor -0.3°C
 Yes No
 Yes No
 Corrected Temp. °C

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FORM-006 R 3.2 (10/07/21)



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2328 FAX (575) 393-2476

Company Name: H&R Enterprises **BILL TO** ANALYSIS REQUEST

Project Manager: Michael Collier P.O. #: Company: Cimarex Energy

Address: State: Zip: Attn: Lacl Luij

City: Fax #: Project Owner: Cimarex Energy Address:

Phone #: Project #: City: State: Zip:

Project Name: Southern California 29 Federal 16H (SC-29) Phone #: Fax #:

Project Location: Lea County, NM

Sampler Name: Roy Bell

FOR LAB USE ONLY

Lab I.D. Sample I.D.

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX						DATE	TIME	BTEX	TPH	Chlorides
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER : ACID/BASE:					
H223921		C	1		X					8-26-21	X	X	X	
31	S-31 4'													
32	S-32 4'													
33	SW-1 5'													
34	SW-2 5'													
35	SW-3 4'													
36	SW-4 4'													
37	SW-5 4'													
38	SW-6 4'													
39	SW-7 4'													
40	SW-8 4'													

PLUGGED BOTTLE: Usability and integrity of client's equipment (pumps) for any claim involving analysis of samples is the responsibility of the client. All claims including those for reagent and any other claims whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for damages or consequential damages, including without limitation, business interruptions, loss of data, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services rendered by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: [Signature] Date: 8-25-22 Received By: [Signature] Date: 8-26-21

Delivered By: (Circle One) Observed Temp. °C 0.8 Sample Condition Cool Hot Invert No No

Sampler - Lips - Bus - Other: Corrected Temp. °C 0.8

Checked By: [Signature] (Initials) [Signature]

Remarks: PAGE 4 of 5 48 HR RUSH

Thermometer ID #113 Correction Factor -0.2°C

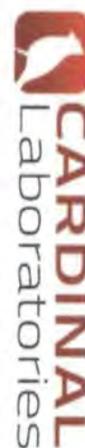
Standard Observed Temp. °C

Barometric (only) Sample Condition

Yes No Yes No Yes No Corrected Temp. °C

FORM-006 R 3.2 10/07/21

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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: H&R Enterprises **BILL TO** P.O. #: ANALYSIS REQUEST

Project Manager: Michael Collier Company: Cimarex Energy

Address: Attn: Laci Luig

City: State: Zip: Address:

Phone #: Fax #: Project Owner: Cimarex Energy City: State: Zip:

Project #: Project Name: Southern California 29 Federal 16H (SC-29) State: Zip:

Project Location: Lea County, NM Phone #: Fax #:

Sampler Name: Roy Bell

Lab I.D. **Sample I.D.**

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	BTEX	TPH	Chlorides
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER: ACID/BASE:	ICE / COOL					
H223921	SW-9 5'	C	1			X					8-15-22	X	X	X	
44	BG-1 0-1'														
43	BG-2 0-1'														
44	BG-3 0-1'														
43	BG-4 0-1'														

FIELD NOTE: Location and description of sample location should be included in this field for the analysis. All claims including those for negligence and any other claims whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall the liability for professional or consequential damages, including without limitation, business interruption, loss of data, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services rendered by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Retrieved By: *[Signature]* Date: 25-22 Received By: *[Signature]* Date: 1-4-28

Delivered By: (Circle One) Observed Temp. °C 0.8 Corrected Temp. °C 0.2
 Sample - UPS - Bus - Other: Sample Condition Cool Intact Yes No
 Checked By: *[Signature]* Verbal Result: Yes No Add'l Phone #: 48 HR RUSH
 Remarks: PAGE 5 of 5
 Thermometer ID #113 Correction Factor -0.5°C
 Corrected Temp. °C

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FORM-006 R 3.2 10/07/21



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

September 02, 2022

MICHAEL COLLIER
H & R ENTERPRISES
1010 GAMBLIN ROAD
HOBBS, NM 88240

RE: SOUTHERN CALI 29 FED 16H

Enclosed are the results of analyses for samples received by the laboratory on 09/01/22 12:08.

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, flowing "C" at the beginning.

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	09/01/2022	Sampling Date:	09/01/2022
Reported:	09/02/2022	Sampling Type:	Soil
Project Name:	SOUTHERN CALI 29 FED 16H	Sampling Condition:	** (See Notes)
Project Number:	(SC - 29)	Sample Received By:	Shalyn Rodriguez
Project Location:	CIMAREX - LEA CO NM		

Sample ID: SW - 1 5' (H224021-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2022	ND	1.88	94.1	2.00	2.37	
Toluene*	<0.050	0.050	09/02/2022	ND	1.86	92.9	2.00	3.74	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.84	91.9	2.00	4.50	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.72	95.4	6.00	3.35	
Total BTEX	<0.300	0.300	09/02/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/02/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2022	ND	196	98.2	200	0.701	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	194	96.8	200	7.14	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 86.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 89.1 % 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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	09/01/2022	Sampling Date:	09/01/2022
Reported:	09/02/2022	Sampling Type:	Soil
Project Name:	SOUTHERN CALI 29 FED 16H	Sampling Condition:	** (See Notes)
Project Number:	(SC - 29)	Sample Received By:	Shalyn Rodriguez
Project Location:	CIMAREX - LEA CO NM		

Sample ID: SW - 2 5' (H224021-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2022	ND	1.88	94.1	2.00	2.37	
Toluene*	<0.050	0.050	09/02/2022	ND	1.86	92.9	2.00	3.74	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.84	91.9	2.00	4.50	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.72	95.4	6.00	3.35	
Total BTEX	<0.300	0.300	09/02/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	09/02/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2022	ND	196	98.2	200	0.701	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	194	96.8	200	7.14	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 82.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 85.1 % 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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	09/01/2022	Sampling Date:	09/01/2022
Reported:	09/02/2022	Sampling Type:	Soil
Project Name:	SOUTHERN CALI 29 FED 16H	Sampling Condition:	** (See Notes)
Project Number:	(SC - 29)	Sample Received By:	Shalyn Rodriguez
Project Location:	CIMAREX - LEA CO NM		

Sample ID: SW - 3 4' (H224021-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2022	ND	1.88	94.1	2.00	2.37	
Toluene*	<0.050	0.050	09/02/2022	ND	1.86	92.9	2.00	3.74	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.84	91.9	2.00	4.50	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.72	95.4	6.00	3.35	
Total BTEX	<0.300	0.300	09/02/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/02/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2022	ND	196	98.2	200	0.701	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	194	96.8	200	7.14	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 75.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 77.5 % 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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	09/01/2022	Sampling Date:	09/01/2022
Reported:	09/02/2022	Sampling Type:	Soil
Project Name:	SOUTHERN CALI 29 FED 16H	Sampling Condition:	** (See Notes)
Project Number:	(SC - 29)	Sample Received By:	Shalyn Rodriguez
Project Location:	CIMAREX - LEA CO NM		

Sample ID: SW - 4 4' (H224021-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2022	ND	1.88	94.1	2.00	2.37	
Toluene*	<0.050	0.050	09/02/2022	ND	1.86	92.9	2.00	3.74	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.84	91.9	2.00	4.50	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.72	95.4	6.00	3.35	
Total BTEX	<0.300	0.300	09/02/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/02/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2022	ND	196	98.2	200	0.701	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	194	96.8	200	7.14	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 85.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 87.2 % 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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	09/01/2022	Sampling Date:	09/01/2022
Reported:	09/02/2022	Sampling Type:	Soil
Project Name:	SOUTHERN CALI 29 FED 16H	Sampling Condition:	** (See Notes)
Project Number:	(SC - 29)	Sample Received By:	Shalyn Rodriguez
Project Location:	CIMAREX - LEA CO NM		

Sample ID: SW - 5 4' (H224021-05)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2022	ND	1.88	94.1	2.00	2.37	
Toluene*	<0.050	0.050	09/02/2022	ND	1.86	92.9	2.00	3.74	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.84	91.9	2.00	4.50	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.72	95.4	6.00	3.35	
Total BTEX	<0.300	0.300	09/02/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/02/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2022	ND	196	98.2	200	0.701	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	194	96.8	200	7.14	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 90.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.0 % 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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	09/01/2022	Sampling Date:	09/01/2022
Reported:	09/02/2022	Sampling Type:	Soil
Project Name:	SOUTHERN CALI 29 FED 16H	Sampling Condition:	** (See Notes)
Project Number:	(SC - 29)	Sample Received By:	Shalyn Rodriguez
Project Location:	CIMAREX - LEA CO NM		

Sample ID: SW - 6 4' (H224021-06)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2022	ND	1.88	94.1	2.00	2.37	
Toluene*	<0.050	0.050	09/02/2022	ND	1.86	92.9	2.00	3.74	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.84	91.9	2.00	4.50	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.72	95.4	6.00	3.35	
Total BTEX	<0.300	0.300	09/02/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	09/02/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2022	ND	196	98.2	200	0.701	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	194	96.8	200	7.14	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 88.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.2 % 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:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	09/01/2022	Sampling Date:	09/01/2022
Reported:	09/02/2022	Sampling Type:	Soil
Project Name:	SOUTHERN CALI 29 FED 16H	Sampling Condition:	** (See Notes)
Project Number:	(SC - 29)	Sample Received By:	Shalyn Rodriguez
Project Location:	CIMAREX - LEA CO NM		

Sample ID: SW - 7 4' (H224021-07)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2022	ND	1.88	94.1	2.00	2.37	
Toluene*	<0.050	0.050	09/02/2022	ND	1.86	92.9	2.00	3.74	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.84	91.9	2.00	4.50	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.72	95.4	6.00	3.35	
Total BTEX	<0.300	0.300	09/02/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	09/02/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2022	ND	196	98.2	200	0.701	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	194	96.8	200	7.14	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 89.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.9 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

H & R ENTERPRISES
 MICHAEL COLLIER
 1010 GAMBLIN ROAD
 HOBBS NM, 88240
 Fax To: NONE

Received:	09/01/2022	Sampling Date:	09/01/2022
Reported:	09/02/2022	Sampling Type:	Soil
Project Name:	SOUTHERN CALI 29 FED 16H	Sampling Condition:	** (See Notes)
Project Number:	(SC - 29)	Sample Received By:	Shalyn Rodriguez
Project Location:	CIMAREX - LEA CO NM		

Sample ID: SW - 8 4' (H224021-08)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2022	ND	1.88	94.1	2.00	2.37	
Toluene*	<0.050	0.050	09/02/2022	ND	1.86	92.9	2.00	3.74	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.84	91.9	2.00	4.50	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.72	95.4	6.00	3.35	
Total BTEX	<0.300	0.300	09/02/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	09/02/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2022	ND	196	98.2	200	0.701	
DRO >C10-C28*	<10.0	10.0	09/02/2022	ND	194	96.8	200	7.14	
EXT DRO >C28-C36	<10.0	10.0	09/02/2022	ND					

Surrogate: 1-Chlorooctane 84.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 86.8 % 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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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>H&R Enterprises</u> Project Manager: <u>M. Collier</u>		P.O. #: Company:	
Address: City: State: Zip:		Attn: Address:	
Phone #: Fax #: Project Owner: <u>Cinergy Energy</u>		City: State: Zip:	
Project Name: <u>Southern California 29 Feb. 16H (SC-29)</u>		Phone #: Fax #:	
Project Location: <u>Lea County, NM</u>		BILL TO ANALYSIS REQUEST	
Sampler Name: <u>R. Bell</u>		MATRIX:	
FOR LAB USE ONLY		PRESERV: SAMPLING:	
Lab I.D. <u>H0240A1</u>	Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:	DATE TIME
1-23 3-3 4-5 5-7 6-8	SW-1 SW-2 SW-3 SW-4 SW-5 SW-6 SW-7 SW-8	C 1 1 1 1 1 1 1 1	9/1/22 1208
RECEIVED BY: <u>Stockingers</u> Date: <u>9/1/22</u> Time: <u>1208</u>		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: All Results are emailed. Please provide Email address:	
Relinquished By: <u>R. Bell</u> Date: _____ Time: _____		REMARKS:	
Delivered By: (Circle One) UPS - Bus - Other:		Turnaround Time: <input type="checkbox"/> Standard <input checked="" type="checkbox"/> Rush	
Observed Temp. °C: <u>14.4</u> Corrected Temp. °C: <u>13.8</u>		Bacteria (only) Sample Condition: <input type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	
Sample Condition: <input type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Checked By: <u>SR</u> Thermometer ID #113 Correction Factor -0.5°C	

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

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 1625 N. French Dr., Hobbs, NM 88240
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 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 144416

CONDITIONS

Operator: CIMAREX ENERGY CO. OF COLORADO 600 N. Marienfeld Street Midland, TX 79701	OGRID: 162683
	Action Number: 144416
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved. Please note the latitude and longitude of the dtw boring placed the boring 1.1 miles east of this release. Going forward, please state the surface will be seeded to match previous site conditions as mandated by 19.15.29.13 NMAC.	9/21/2022