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Incident ID	nAPP2213171033
District RP	
Facility ID	fAPP2201327731
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 photo must be notified 2 days prior to liner inspection)	s of the liner integrity if applicable (Note: appropriate OCD District office
☐ Laboratory analyses of final sampling (Note: appropriate OD	C District office must be notified 2 days prior to final sampling)
Description of remediation activities	
and regulations all operators are required to report and/or file certa may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and rehuman health or the environment. In addition, OCD acceptance of compliance with any other federal, state, or local laws and/or regularestore, reclaim, and re-vegetate the impacted surface area to the caccordance with 19.15.29.13 NMAC including notification to the operations of the canonical surface area.	lations. The responsible party acknowledges they must substantially onditions that existed prior to the release or their final land use in
OCD Only	
Received by:	
	y of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible for regulations.
Closure Approved by: Robert Hamlet	Date: 8/22/2022
Printed Name: Robert Hamlet	Title: Environmental Specialist - Advanced



MCollier@H-R Enterprises.com 575-909-0326

Remediation and Closure Report

Cottonberry 20 Federal 1H, 5H-6H Incident# nAPP2213171033 Eddy 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

August 09, 2022

Mrs. Jennifer Nobui

New Mexico Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, NM 87505

Subject: Remediation and Closure Report

Cottonberry 20 Federal 1H, 5H-6H

Incident# nAPP2213171033

Eddy County, NM

Dear Mrs. Nobui,

Cimarex Energy Co. 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 Cottonberry 20 Federal 1H, 5H-6H is located approximately 19.1 miles South of Carlsbad, New Mexico. The legal location for this release is Unit Letter D, Section 20, Township 25 South and Range 27 East in Eddy County, New Mexico. More specifically the latitude and longitude for the release are 32.12002 North and -104.21838 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 Reagan Upton association, 0 to 9 percent slopes. The referenced soil data is attached in Appendix II. Drainage courses in this area are typically dry. The project site is 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 20-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 20 Feet/BGS ⊠No Yes Within 300 feet of any continuously flowing watercourse or any other significant watercourse No Yes Within 200 feet of any lakebed, sinkhole, or a playa lake ⊠No Yes Within 300 feet from an occupied permanent residence, school, hospital, institution, or church ⊠No Within 500 feet of a spring or a private, domestic fresh water well Yes used by less than five households for domestic or stock watering purposes ⊠No Yes Within 1000 feet of any freshwater well or spring Yes ⊠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 Yes No Within 300 feet of a wetland No Yes Within the area overlying a subsurface mine Yes No Within an unstable area Yes \boxtimes No Within a 100-year floodplain

As this is a high Karst area as well as being in an area with a depth to groundwater of less than 50-feet BGS, the closure criteria for this site is as follows:

	Tak	ole I					
Closure Criteria for Soils Impacted by a Release							
Minimum depth below any point within the horizontal boundary of the release to ground water less than 10,000 mg/I TDS	Constituent	Method*	Limit**				
≤ 50 feet	Chloride **	EPA 300.0 or SM4500 CIB	600 mg/kg				
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	100 mg/kg				
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg				
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg				

Incident Description

On May 10, 2022, a Kimray control valve washed downstream of the plunger lift system resulting in 75 barrels (bbls) of produced fluid spilling into the cellar, filling it up, and spreading a short way onto the location. 70 bbls of spilled fluid was recovered by a vacuum truck. The breakdown of fluids are as follows. 50 bbls of produced water (47 bbls recovered) and 25 bbls of crude oil (23 bbls recovered).

Site Assessment and Remediation Activities

On July 18, 2022, H&R mobilized personnel to begin site assessment and sampling activities of the location. Grab samples were collected by way of test trenching the release area between and around the well heads. Grab samples collected were transported to Cardinal Laboratory for analysis. The results are presented in the following data table. Initial site assessment test trench locations are illustrated on Delineation Trench Map, Appendix I. 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 Soil Samples Analysis

Powth DEEX Paragram CDO DDO MDO Tatal EDIL CL									CI.
Sample ID	Sample Date	Depth (DCs)	BTEX	Benzene	GRO	DRO	MRO	Total TPH	Cl
		(BGS)	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
NMOCD Tabl	e 1 Closure Crit NMAC	teria 19.15.29	50 mg/kg	10 mg/kg		100 mg/kg		100 mg/kg	600 mg/kg
		0-1'	ND	ND	ND	30.1	ND	30.1	1070
DT 4	7/10/2022	2'	ND	ND	ND	ND	ND	0	208
DT-1	7/18/2022	3'	ND	ND	ND	ND	ND	0	96
		4'	ND	ND	ND	ND	ND	0	48
		0-1'	ND	ND	19.3	1050	196	1265.3	560
DT 3	7/40/2022	2'	ND	ND	ND	49.7	23.7	73.4	256
DT-2 7/18/2022	//18/2022	3'	ND	ND	ND	ND	ND	0	112
		4'	ND	ND	ND	ND	ND	0	112
		0-1'	ND	ND	ND	4360	1700	6060	2440
DT 3	7/10/2022	2'	ND	ND	ND	24.5	30	54.5	272
DT-3	7/18/2022	3'	ND	ND	ND	ND	ND	0	320
		4'	ND	ND	ND	ND	ND	0	32
		0-1'	ND	ND	ND	881	387	1268	944
DT-4	7/10/2022	2'	ND	ND	ND	14.5	17	31.5	96
D1-4	7/18/2022	3'	ND	ND	ND	ND	ND	0	112
		4'	ND	ND	ND	ND	ND	0	32
		0-1'	0.496	ND	61.3	5470	1850	7381.3	1410
DT F	7/40/2022	2'	ND	ND	ND	12.8	ND	12.8	448
DT-5	7/18/2022	3'	ND	ND	ND	ND	ND	0	208
		4'	ND	ND	ND	ND	ND	0	176
					d DT - Dolingo				

Based on the results of our site assessment and upon client authorization, excavation activities of the impacted area began. A hydrovac was utilized to clean the wellhead and the concrete bottomed cellar. 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 Tab	le 1 Closure Crit NMAC	teria 19.15.29	50 mg/kg	10 mg/kg		100 mg/kg		100 mg/kg	600 mg/kg
S-1	7/29/2022	3'	ND	ND	ND	ND	ND	0	60.3
S-2	7/29/2022	3'	0.0163	ND	ND	ND	ND	0	299
S-3	7/29/2022	3'	ND	ND	ND	ND	ND	0	294
S-4	7/29/2022	3'	ND	ND	ND	ND	ND	0	73.4
S-5	7/29/2022	3'	ND	ND	ND	ND	ND	0	282
S-6	7/29/2022	3'	ND	ND	ND	ND	ND	0	46.9
S-7	7/29/2022	3'	ND	ND	ND	ND	ND	0	84.6
S-8	7/29/2022	3'	ND	ND	ND	ND	ND	0	96.9
S-9	7/29/2022	3'	ND	ND	ND	ND	ND	0	107
S-10	7/29/2022	3'	ND	ND	ND	ND	ND	0	83.6
S-11	7/29/2022	3'	ND	ND	ND	ND	ND	0	63.5
S-12	7/29/2022	3'	ND	ND	ND	ND	ND	0	119
S-13	7/29/2022	3'	ND	ND	ND	ND	ND	0	20.4
S-14	7/29/2022	3'	ND	ND	ND	ND	ND	0	88.9
SW-1	7/29/2022	3'	ND	ND	ND	ND	ND	0	309
SW-2	7/29/2022	3'	ND	ND	ND	ND	ND	0	135
SW-3	7/29/2022	3'	ND	ND	ND	ND	ND	0	78.1
SW-4	7/29/2022	3'	ND	ND	ND	ND	ND	0	64.3
BG-1	7/29/2022	3'	ND	ND	ND	ND	ND	0	10.2
BG-2	7/29/2022	3'	ND	ND	ND	ND	ND	0	7.53
BG-3	7/29/2022	3'	ND	ND	ND	ND	ND	0	6.03
BG-4	7/29/2022	3'	ND	ND	ND	ND	ND	0	16.9
		1	ND = Analyte N	ot Detected S\	N = Sidewall B	G = Background	d		

Remedial Actions

- The impacted area was excavated to a total depth of 3-feet BGS.
- Composite confirmation samples were obtained from the sidewalls and bottoms of the excavated area to verify that all contaminants above closure criteria had been removed.
- All the excavated material (412yds) was hauled to Lea Land, a NMOCD approved solid waste disposal facility.
- The excavated areas on the well pad were backfilled with new caliche at depth and brought to grade, machine compacted and contoured to match the surrounding location.
- The Final C-141 formally documenting the remedial actions is attached in Appendix III.

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Based on the site assessment, remedial actions and confirmation sampling results completed for this project, on behalf of Cimarex Energy Co. 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 me 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, FEMA Flood Zone Map

Appendix III Initial and Final C-141, NMOCD Correspondence

Appendix IV Photographic Documentation

Appendix V Laboratory Data

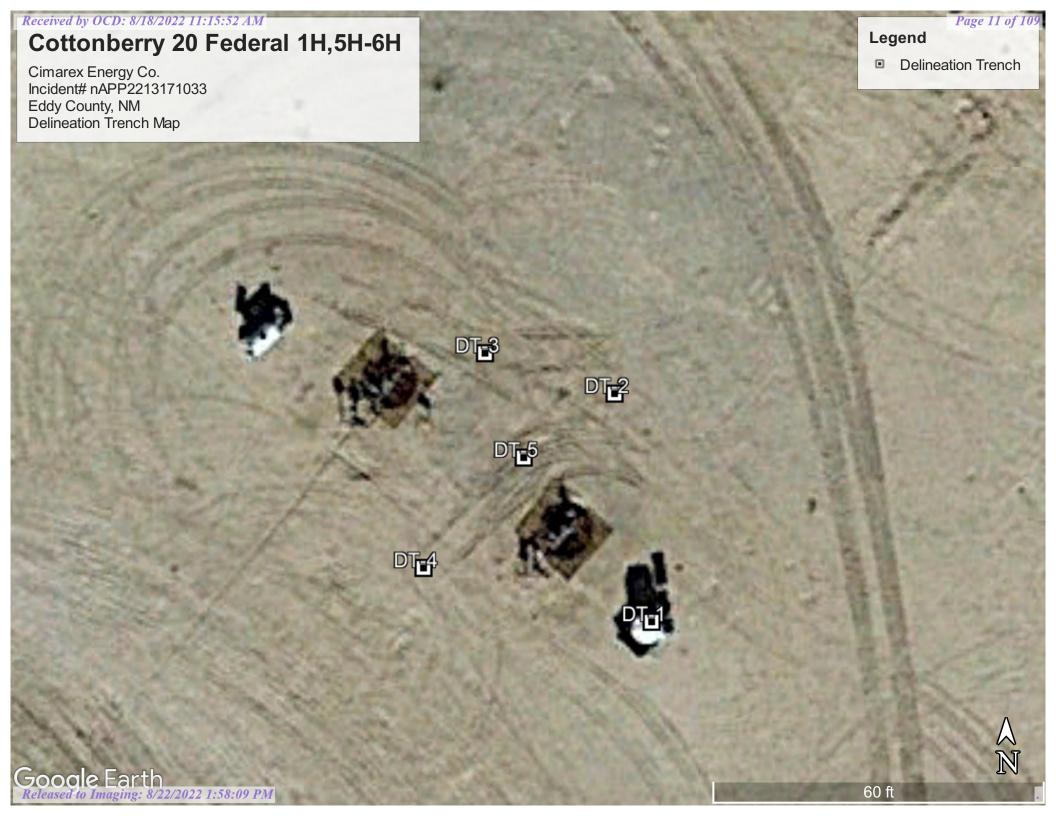
APPENDIX I

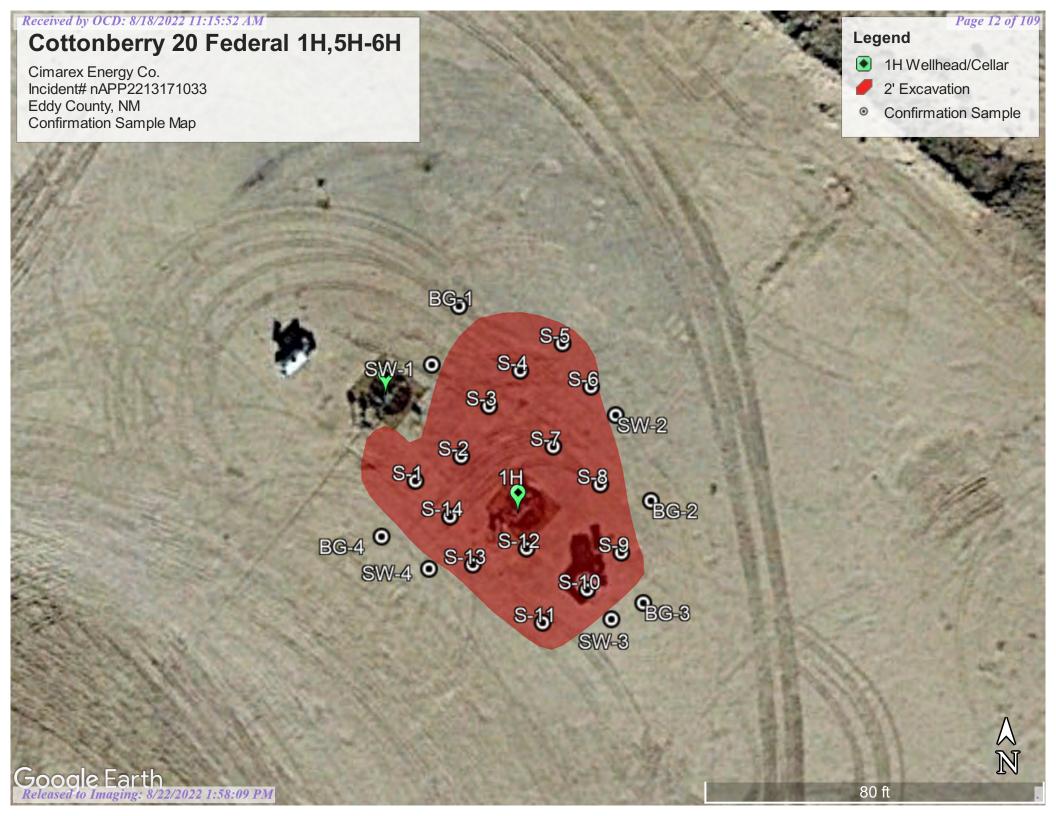
SITE MAPS

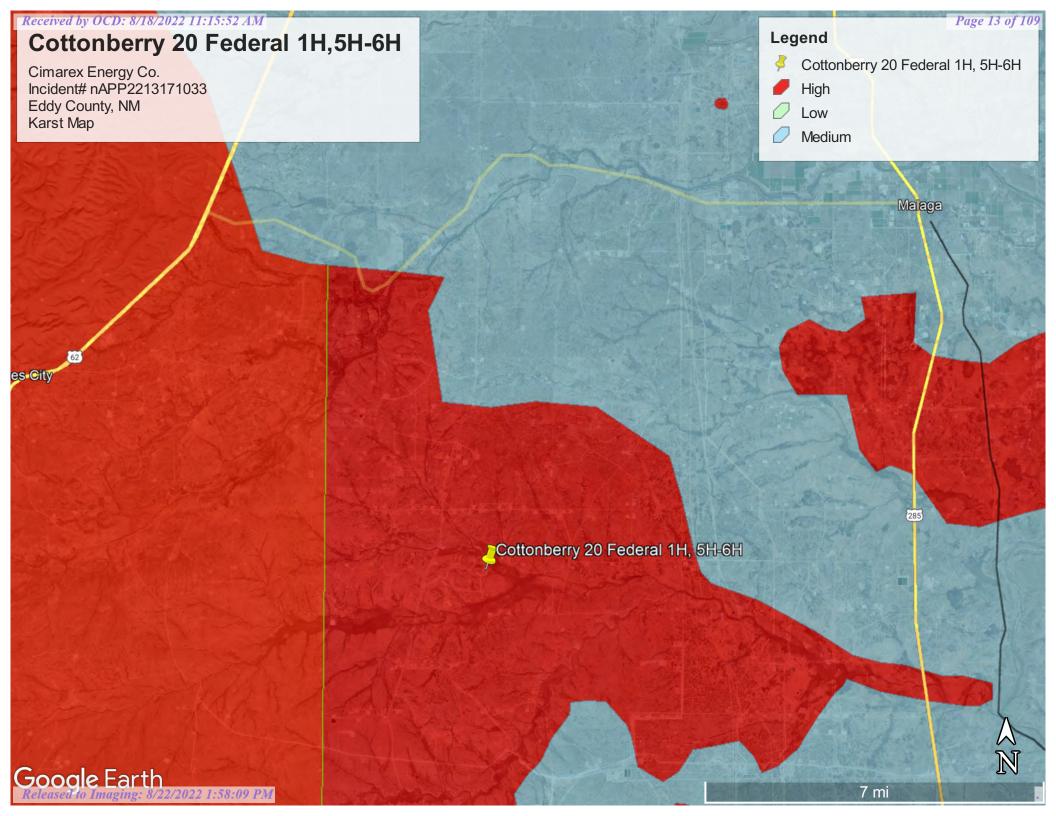
KARST MAP

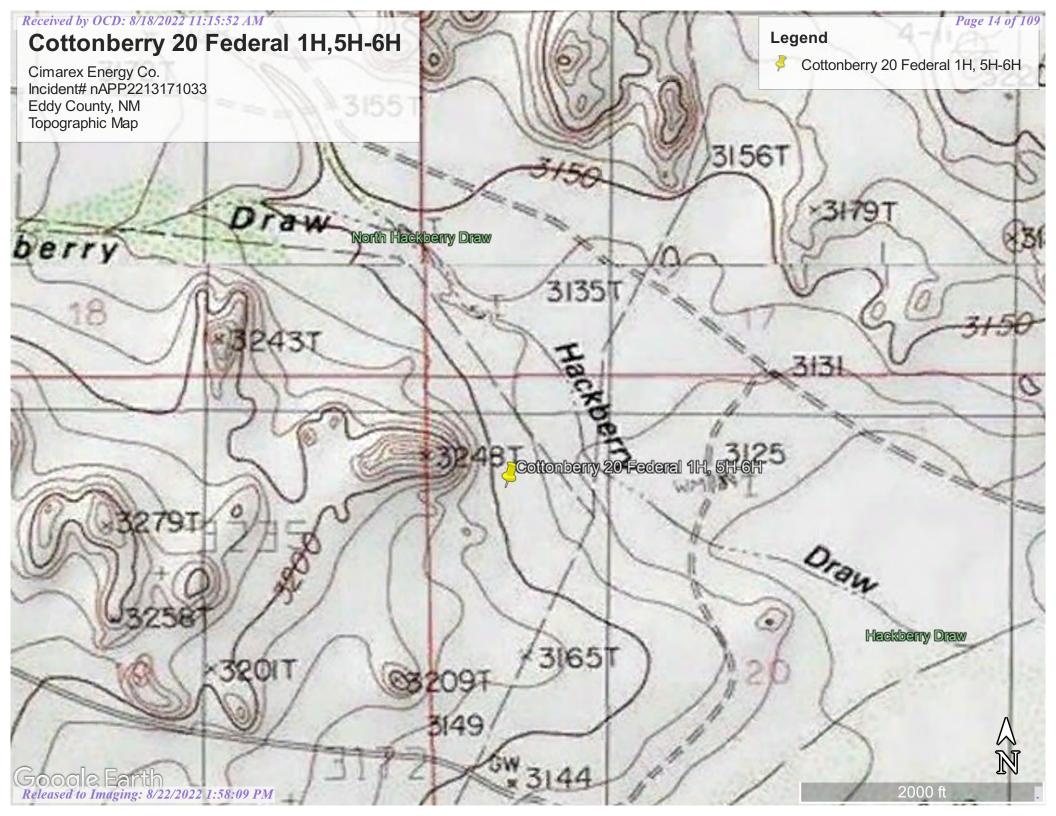
TOPOGRAPHIC MAP

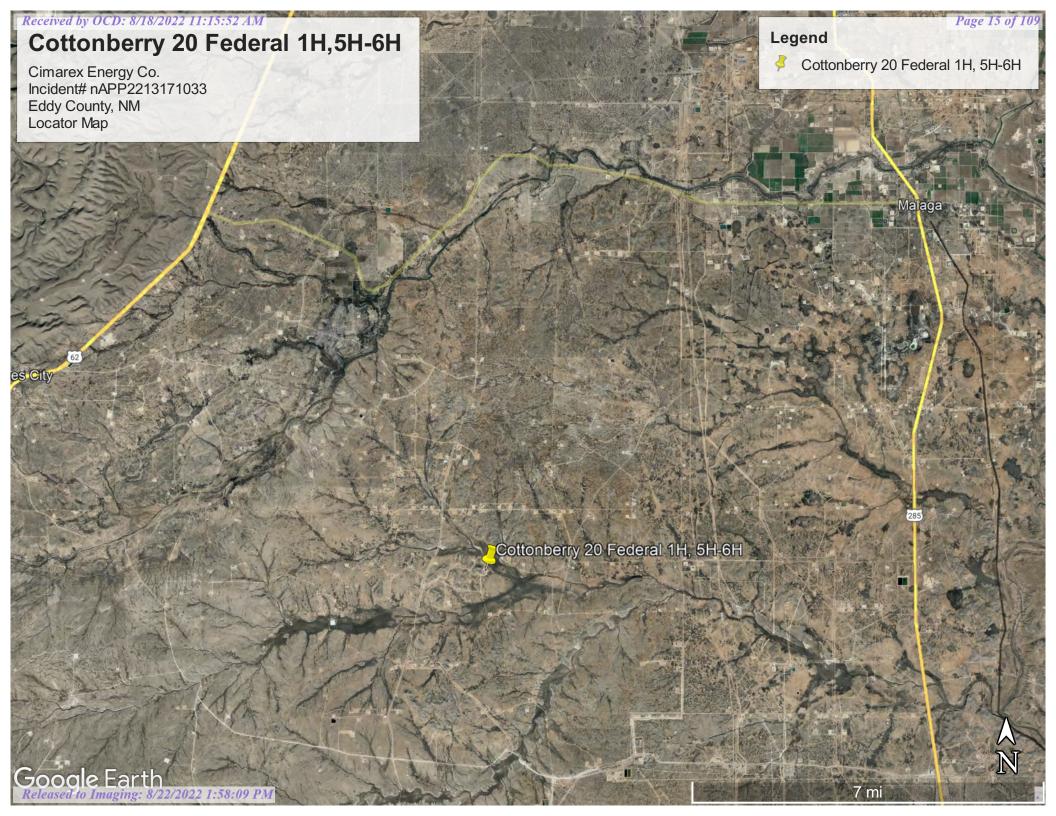
LOCATOR MAP











APPENDIX II

GROUNDWATER DATA

SOIL SURVEY

FEMA FLOOD ZONE



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)

	<u> </u>	POD													
		Sub-		Q	Q	Q									Water
POD Number	Code	basin	County	64	16	4	Sec	Tws	Rng	X	Y	DistanceD	epthWellD	epthWater (Column
<u>C 03261 POD1</u>		CUB	ED	3	2	1	20	25S	27E	574007	3554006*	307	351		
C 03654 POD1		CUB	ED	2	3	1	24	25S	26E	570654	3553773	3053			
<u>C 02221</u>		CUB	ED	4	3	2	25	25S	26E	571412	3551961*	3068	35		
<u>C 01013</u>		C	ED			4	25	25S	26E	571505	3551456*	3364	245		
<u>C 04078 POD1</u>		CUB	ED	3	4	1	33	25S	27E	575667	3550363	4140	157	20	137
C 03262 POD1		CUB	ED	2	1	2	22	25S	27E	577837	3554244*	4144	75		
C 04079 POD1		CUB	ED	1	2	3	33	25S	27E	575658	3550092	4377	226	20	206
<u>C 02220</u>		CUB	ED	3	1	2	26	25S	26E	569598	3552352*	4422	35		
<u>C 02588</u>		C	ED	3	4	3	33	25S	27E	575645	3549575*	4840	81	19	62

Average Depth to Water:

19 feet

Minimum Depth:

19 feet

Maximum Depth: 20 feet

Record Count: 9

Basin/County Search:

County: Eddy

UTMNAD83 Radius Search (in meters):

Easting (X): 573699 **Northing (Y):** 3554006.83 **Radius:** 5000

*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.

8/5/22 10:11 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER



New Mexico Office of the State Engineer

Point of Diversion Summary

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag **POD Number** Q64 Q16 Q4 Sec Tws Rng

X Y

1 33

NA C 04078 POD1 25S 27E

575667 3550363

Driller License:

1690

Driller Company:

VISION RESOURCES, INC

Driller Name:

JASON MALEY

Drill Start Date:

05/23/2018

Drill Finish Date:

05/24/2018

Plug Date:

Source:

Shallow

Log File Date:

06/25/2018

PCW Rcv Date: Pipe Discharge Size:

Estimated Yield:

90 GPM

Pump Type: Casing Size:

6.00

Depth Well:

157 feet

Depth Water:

20 feet

Water Bearing Stratifications:

Bottom Description Top

35 Shale/Mudstone/Siltstone

35 Sandstone/Gravel/Conglomerate 85 Sandstone/Gravel/Conglomerate

150 Sandstone/Gravel/Conglomerate 110

Casing Perforations:

Top Bottom

0

38 157

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.

8/5/22 10:10 AM

POINT OF DIVERSION SUMMARY

Eddy Area, New Mexico

RE—Reagan-Upton association, 0 to 9 percent slopes

Map Unit Setting

National map unit symbol: 1w5d Elevation: 1,100 to 5,400 feet

Mean annual precipitation: 6 to 14 inches Mean annual air temperature: 60 to 64 degrees F

Frost-free period: 180 to 240 days

Farmland classification: Farmland of statewide importance

Map Unit Composition

Reagan and similar soils: 70 percent Upton and similar soils: 25 percent Minor components: 5 percent

Estimates are based on observations, descriptions, and transects of

the mapunit.

Description of Reagan

Setting

Landform: Fan remnants, alluvial fans Landform position (three-dimensional): Rise

Down-slope shape: Convex, linear

Across-slope shape: Linear

Parent material: Alluvium and/or eolian deposits

Typical profile

H1 - 0 to 8 inches: loam H2 - 8 to 60 inches: loam

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Runoff class: Low

Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None Frequency of ponding: None

Calcium carbonate, maximum content: 40 percent

Maximum salinity: Very slightly saline to moderately saline (2.0 to

8.0 mmhos/cm)

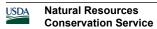
Sodium adsorption ratio, maximum: 1.0

Available water supply, 0 to 60 inches: Moderate (about 8.2

inches)

Interpretive groups

Land capability classification (irrigated): 2e Land capability classification (nonirrigated): 6e



Hydrologic Soil Group: B

Ecological site: R070DY153NM - Loamy

Hydric soil rating: No

Description of Upton

Setting

Landform: Ridges, fans

Landform position (three-dimensional): Side slope, rise

Down-slope shape: Convex Across-slope shape: Convex

Parent material: Residuum weathered from limestone

Typical profile

H1 - 0 to 9 inches: gravelly loam H2 - 9 to 13 inches: gravelly loam H3 - 13 to 21 inches: cemented

H4 - 21 to 60 inches: very gravelly loam

Properties and qualities

Slope: 0 to 9 percent

Depth to restrictive feature: 7 to 20 inches to petrocalcic

Drainage class: Well drained

Runoff class: High

Capacity of the most limiting layer to transmit water (Ksat): Low to

moderately high (0.01 to 0.60 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None Frequency of ponding: None

Calcium carbonate, maximum content: 75 percent

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0

mmhos/cm)

Sodium adsorption ratio, maximum: 1.0

Available water supply, 0 to 60 inches: Very low (about 1.4 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 7s

Hydrologic Soil Group: D

Ecological site: R070DY159NM - Shallow Loamy

Hydric soil rating: No

Minor Components

Atoka

Percent of map unit: 3 percent

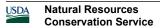
Ecological site: R042XC007NM - Loamy

Hydric soil rating: No

Pima

Percent of map unit: 2 percent

Ecological site: R042XC017NM - Bottomland



Map Unit Description: Reagan-Upton association, 0 to 9 percent slopes---Eddy Area, New Mexico

Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico Survey Area Data: Version 17, Sep 12, 2021

National Flood Hazard Layer FIRMette





SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT Without Base Flood Elevation (BFE) With BFE or Depth Zone AE, AO, AH, VE, AR SPECIAL FLOOD HAZARD AREAS Regulatory Floodway 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 OTHER AREAS OF Area with Flood Risk due to Levee Zone D FLOOD HAZARD NO SCREEN Area of Minimal Flood Hazard Zone X Effective LOMRs

> - - - Channel, Culvert, or Storm Sewer **GENERAL** STRUCTURES | LILLIL Levee, Dike, or Floodwall

OTHER AREAS

OTHER

FEATURES

20.2 Cross Sections with 1% Annual Chance 17.5 Water Surface Elevation **Coastal Transect** Base Flood Elevation Line (BFE) Limit of Study Jurisdiction Boundary -- Coastal Transect Baseline **Profile Baseline** Hydrographic Feature

Area of Undetermined Flood Hazard Zone D

Digital Data Available No Digital Data Available MAP PANELS Unmapped

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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 8/5/2022 at 12:54 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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



2.000

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	nAPP2213171033
District RP	
Facility ID	fAPP2201327731
Application ID	

Release Notification

Responsible Party

D "11	D. Gi				l capus	v ************************************			
•		rex Energy Co.		OGRID: 215099					
Contact Nam		_		Contact Telephone: (432) 571-7800					
Contact ema	il: laci.luig@	©coterra.com			Incident #	(assigned by OCD) nAPP2213171033			
Contact mail Midland, TX		: 600 N Marienfel	d Street, Ste. 600)					
			Location	n of R	Release S	ource			
Latitude 32.1	2002		(NAD 83 in a	decimal de	Longitude egrees to 5 decir	-104.21838 mal places)			
Site Name: C	Cottonberry 2	20 Federal 1H,5H-	-6Н		Site Type:	Battery			
Date Release	Discovered	: 5/10/2022			API# (if ap	plicable)			
Unit Letter	Section	Township	Range	County					
D	20	25S	27E	Edd	Eddy				
						justification for the volumes provided below)			
Crude Oi	1	Volume Release	ed (bbls) 25			Volume Recovered (bbls) 23			
Produced	Water	Volume Release	ed (bbls) 50			Volume Recovered (bbls) 47			
		Is the concentra produced water	tion of dissolved >10,000 mg/l?	chloride	e in the	☐ Yes ☐ No			
Condensa	ate	Volume Release	ed (bbls)			Volume Recovered (bbls)			
Natural C	Gas	Volume Release	ed (Mcf)			Volume Recovered (Mcf)			
Other (de	escribe)	Volume/Weight	t Released (provi	de units	S) Volume/Weight Recovered (provide units)				
filling it up a	ontrol valve vand spreading and remediat	washed downstrea g a short ways ont ion as soon as an e	o location. 70 ba	rrels of	spilled fluid	g in 75 bbls of produced fluid spilling into the cellar was recovered by a vacuum tanker. We will begin tilable. The breakdown of constituents was 50 barrels of			

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Incident ID	nAPP2213171033
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Was this a major		sponsible party consider this a major release?
release as defined by 19.15.29.7(A) NMAC?	Total release is greater than 25 barrels	5.
∑ Yes ☐ No		
If VFS was immediate no	otice given to the OCD? By whom? T	o whom? When and by what means (phone, email, etc)?
By: Tell Montoya	once given to the OCD. By whom: 1	o whom: When and by what means (phone, chian, etc):
To: OCD Enviro, BLM By: Email		
By. Eman		
	Initial	Response
The responsible	party must undertake the following actions immed	diately unless they could create a safety hazard that would result in injury
The source of the rele	ease has been stopped.	
☐ The impacted area ha	s been secured to protect human health	and the environment.
Released materials ha	ave been contained via the use of berms	or dikes, absorbent pads, or other containment devices.
	ecoverable materials have been remove	d and managed appropriately.
If all the actions described	d above have <u>not</u> been undertaken, expl	ain why:
has begun, please attach	a narrative of actions to date. If remed	ace remediation immediately after discovery of a release. If remediation dial efforts have been successfully completed or if the release occurred C), please attach all information needed for closure evaluation.
		the best of my knowledge and understand that pursuant to OCD rules and
		notifications and perform corrective actions for releases which may endanger the OCD does not relieve the operator of liability should their operations have
failed to adequately investig	ate and remediate contamination that pose a	threat to groundwater, surface water, human health or the environment. In
addition, OCD acceptance of and/or regulations.	f a C-141 report does not relieve the operator	or of responsibility for compliance with any other federal, state, or local laws
Printed Name: Laci Luig_		Title: ESH Specialist
,	1 ~	
Signature: Q C		_ Date: 5/11/2022
email: laci.luig@coterra.c	com	Telephone: (432) 208-3035
oan o		
OCD Only		
Received by:	lyn Harimon	Date:08/18/2022

te of New Mexico

Incident ID nAPP2213171033

District RP
Facility ID fAPP2201327731

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?	20' (ft bgs)					
Did this release impact groundwater or surface water?	☐ Yes ☑ No					
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☒ 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)?						
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?						
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?						
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?						
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?						
Are the lateral extents of the release within 300 feet of a wetland?						
Are the lateral extents of the release overlying a subsurface mine?						
Are the lateral extents of the release overlying an unstable area such as karst geology?	X Yes ☐ No					
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☒ No					
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ☑ No					
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vercontamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.	rtical extents of soil					
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.

Received by OCD: 8/18/2022 11:15:52 AM Form C-141 State of New Mexico Page 4 Oil Conservation Division

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Incident ID	nAPP2213171033
District RP	
Facility ID	fAPP2201327731
Application ID	

the best of my knowledge and understand that pursuant to OCD rules and otifications and perform corrective actions for releases which may endanger to OCD does not relieve the operator of liability should their operations have areat to groundwater, surface water, human health or the environment. In of responsibility for compliance with any other federal, state, or local laws
Title: ESH Specialist
Date: 8/18/2022
Telephone: (432) 208-3035
Date:08/18/2022

☑ A scaled site and sampling diagram as described in 19.15.29.11 NMAC

Page 28 of 109

Incident ID	nAPP2213171033
District RP	
Facility ID	fAPP2201327731
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.

Photographs of the remediated site prior to backfill or p must be notified 2 days prior to liner inspection)	photos of the liner integrity if applicable (Note: appropriate OCD District office
Laboratory analyses of final sampling (Note: appropriate	e ODC District office must be notified 2 days prior to final sampling)
□ Description of remediation activities	
and regulations all operators are required to report and/or file may endanger public health or the environment. The acceptar should their operations have failed to adequately investigate a human health or the environment. In addition, OCD acceptan compliance with any other federal, state, or local laws and/or	complete to the best of my knowledge and understand that pursuant to OCD rules certain release notifications and perform corrective actions for releases which nee of a C-141 report by the OCD does not relieve the operator of liability and remediate contamination that pose a threat to groundwater, surface water, nee of a C-141 report does not relieve the operator of responsibility for regulations. The responsible party acknowledges they must substantially the conditions that existed prior to the release or their final land use in the OCD when reclamation and re-vegetation are complete.
Printed Name: Laci Luig	Title: ESH Specialist
Signature:	Date: 8/18/2022
email: laci.luig@coterra.com	Telephone: (432) 208-3035
OCD Only	
Received by: Jocelyn Harimon	Date:08/18/2022
	party of liability should their operations have failed to adequately investigate and rface water, human health, or the environment nor does not relieve the responsible s and/or regulations.
Closure Approved by:	Date:
Printed Name:	Title:

From: <u>Laci Luig</u>

To: <u>NMOCD Spill Notifications</u>; <u>BLM NM CFO Spill</u>

Cc: <u>Jim Hawley; Michael Collier</u>

Subject: nAPP2213171033 Cottonberry 20 Federal 1H,5H-6H confirmation sampling

Date: Tuesday, July 12, 2022 5:46:35 PM

This email serves as notification for confirmation sampling on the Cimarex – Cottonberry 20 Federal 1H,5H-6H. Excavation is scheduled to begin Thursday, July 14th and sampling is scheduled to begin as early as Monday, July 18th and will be collected by H&R Enterprises.

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



July 21, 2022

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

RE: COTTONBERRY 20 FED 1H, 5H-6H (COTTONBERRY 20)

Enclosed are the results of analyses for samples received by the laboratory on 07/19/22 13:27.

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

Cardinal Laboratories is accreditated 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)

Celey D. Keene

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Received: 07/19/2022 Reported:

07/21/2022

Project Name: COTTONBERRY 20 FED 1H, 5H-6H (COT Project Number: NOT GIVEN

Project Location: EDDY COUNTY, NM Sampling Date: 07/18/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: DT - 1 0-1' (H223130-01)

DTEV 0021D

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	07/20/2022	ND	2.12	106	2.00	1.97	
Toluene*	<0.050	0.050	07/20/2022	ND	2.19	109	2.00	2.61	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	2.22	111	2.00	2.63	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.85	114	6.00	2.22	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1070	16.0	07/20/2022	ND	432	108	400	3.64	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/19/2022	ND	195	97.6	200	17.8	
DRO >C10-C28*	30.1	10.0	07/19/2022	ND	174	86.9	200	25.3	
EXT DRO >C28-C36	<10.0	10.0	07/19/2022	ND					
Surrogate: 1-Chlorooctane	99.6	% 43-149)						
Surrogate: 1-Chlorooctadecane	104	% 42.5-16	1						

Applyand By 14

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received: 07/19/2022 Reported: 07/21/2022

07/21/2022 COTTONBERRY 20 FED 1H, 5H-6H (COT

Project Name: COTTONBER
Project Number: NOT GIVEN

Project Location: EDDY COUNTY, NM

Sampling Date: 07/18/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: DT - 1 2' (H223130-02)

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	07/20/2022	ND	2.12	106	2.00	1.97	
Toluene*	<0.050	0.050	07/20/2022	ND	2.19	109	2.00	2.61	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	2.22	111	2.00	2.63	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.85	114	6.00	2.22	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	07/20/2022	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	07/20/2022	ND	195	97.6	200	17.8	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	174	86.9	200	25.3	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	79.5	% 43-149)						
Surrogate: 1-Chlorooctadecane	81.4	% 42.5-16	1						

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received: 07/19/2022 Reported: 07/21/2022

COTTONBERRY 20 FED 1H, 5H-6H (COT

Project Name: COTTONBER
Project Number: NOT GIVEN

Project Location: EDDY COUNTY, NM

Sampling Date: 07/18/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: DT - 1 3' (H223130-03)

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	07/20/2022	ND	2.12	106	2.00	1.97	
Toluene*	<0.050	0.050	07/20/2022	ND	2.19	109	2.00	2.61	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	2.22	111	2.00	2.63	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.85	114	6.00	2.22	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	mg/kg Analyzed By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	07/20/2022	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	07/20/2022	ND	195	97.6	200	17.8	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	174	86.9	200	25.3	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	79.0	% 43-149)						
Surrogate: 1-Chlorooctadecane	83.4	% 42.5-16	1						

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received: 07/19/2022 Reported:

07/21/2022 COTTONBERRY 20 FED 1H, 5H-6H (COT

Project Name: Project Number: NOT GIVEN

Project Location: EDDY COUNTY, NM Sampling Date: 07/18/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: DT - 1 4' (H223130-04)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	2.12	106	2.00	1.97	
Toluene*	<0.050	0.050	07/20/2022	ND	2.19	109	2.00	2.61	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	2.22	111	2.00	2.63	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.85	114	6.00	2.22	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	119 %	69.9-14	0						
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	07/20/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	195	97.6	200	17.8	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	174	86.9	200	25.3	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	109 9	% 43-149	1						
Surrogate: 1-Chlorooctadecane	112 %	6 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

Received: 07/19/2022 Reported:

07/21/2022

Project Name: COTTONBERRY 20 FED 1H, 5H-6H (COT Project Number: NOT GIVEN

Project Location: EDDY COUNTY, NM Sampling Date: 07/18/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: DT - 2 0-1' (H223130-05)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	2.12	106	2.00	1.97	
Toluene*	<0.050	0.050	07/20/2022	ND	2.19	109	2.00	2.61	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	2.22	111	2.00	2.63	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.85	114	6.00	2.22	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	132	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	07/20/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	19.3	10.0	07/20/2022	ND	195	97.6	200	17.8	
DRO >C10-C28*	1050	10.0	07/20/2022	ND	174	86.9	200	25.3	
EXT DRO >C28-C36	196	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	92.6	% 43-149)						
Surrogate: 1-Chlorooctadecane	117	% 42.5-16	1						

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received: 07/19/2022 Reported:

07/21/2022

Project Name: COTTONBERRY 20 FED 1H, 5H-6H (COT Project Number: NOT GIVEN

Project Location: EDDY COUNTY, NM Sampling Date: 07/18/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: DT - 2 2' (H223130-06)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	2.12	106	2.00	1.97	
Toluene*	<0.050	0.050	07/20/2022	ND	2.19	109	2.00	2.61	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	2.22	111	2.00	2.63	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.85	114	6.00	2.22	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	07/20/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	195	97.6	200	17.8	
DRO >C10-C28*	49.7	10.0	07/20/2022	ND	174	86.9	200	25.3	
EXT DRO >C28-C36	23.7	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	82.4	% 43-149)						
Surrogate: 1-Chlorooctadecane	87.9	% 42.5-16	1						

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Celey D. Keene



Analytical Results For:

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

Received: 07/19/2022 Reported:

07/21/2022

Project Name: COTTONBERRY 20 FED 1H, 5H-6H (COT Project Number: NOT GIVEN

Project Location: EDDY COUNTY, NM Sampling Date: 07/18/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: DT - 2 3' (H223130-07)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	2.12	106	2.00	1.97	
Toluene*	<0.050	0.050	07/20/2022	ND	2.19	109	2.00	2.61	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	2.22	111	2.00	2.63	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.85	114	6.00	2.22	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	07/20/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	195	97.6	200	17.8	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	174	86.9	200	25.3	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	82.6	% 43-149	1						
Surrogate: 1-Chlorooctadecane	84.3	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/19/2022 Reported: 07/21/2022

07/21/2022 COTTONBERRY 20 FED 1H, 5H-6H (COT

ma/ka

Project Name: COTTONBER
Project Number: NOT GIVEN

Project Location: EDDY COUNTY, NM

Sampling Date: 07/18/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: DT - 2 4' (H223130-08)

RTFY 8021R

Result <0.050 <0.050	Reporting Limit 0.050	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
	0.050	07/20/2022			,	rae raide qe	IN D	Quaiiilei
<0.050		07/20/2022	ND	2.12	106	2.00	1.97	
	0.050	07/20/2022	ND	2.19	109	2.00	2.61	
<0.050	0.050	07/20/2022	ND	2.22	111	2.00	2.63	
<0.150	0.150	07/20/2022	ND	6.85	114	6.00	2.22	
<0.300	0.300	07/20/2022	ND					
120 9	% 69.9-14)						
mg/	'kg	Analyze	d By: AC					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
112	16.0	07/20/2022	ND	432	108	400	0.00	
mg/	'kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	07/20/2022	ND	195	97.6	200	17.8	
<10.0	10.0	07/20/2022	ND	174	86.9	200	25.3	
<10.0	10.0	07/20/2022	ND					
74.6	% 43-149							
75.1	% 42.5-16	1						
	<0.150 <0.300 120 9 mg/ Result 112 mg/ Result <10.0 <10.0 <74.6	<0.150 0.150 <0.300 0.300 120 % 69.9-140 mg/kg Result Reporting Limit 112 16.0 mg/kg Result Reporting Limit <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0	<0.150	<0.150 07/20/2022 ND 120 % 69.9-140 69.9-140 Analyzed By: AC Result Reporting Limit Analyzed Method Blank 112 16.0 07/20/2022 ND Result Reporting Limit Analyzed Method Blank < 10.0	<0.150	< 0.150 0.150 07/20/2022 ND 6.85 114 < 0.300 0.300 07/20/2022 ND 6.85 114 120 % 69.9-140 ND ***********************************	<0.150	<0.150

Applyzod By: 14

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Analytical Results For:

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

Received: 07/19/2022 Reported: 07/21/2022

07/21/2022 COTTONBERRY 20 FED 1H, 5H-6H (COT

Project Name: COTTONBER
Project Number: NOT GIVEN

Project Location: EDDY COUNTY, NM

Sampling Date: 07/18/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: DT - 3 0-1' (H223130-09)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	2.12	106	2.00	1.97	
Toluene*	<0.050	0.050	07/20/2022	ND	2.19	109	2.00	2.61	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	2.22	111	2.00	2.63	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.85	114	6.00	2.22	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	121	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2440	16.0	07/20/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	195	97.6	200	17.8	
DRO >C10-C28*	4360	10.0	07/20/2022	ND	174	86.9	200	25.3	
EXT DRO >C28-C36	1700	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	66.9	% 43-149)						
Surrogate: 1-Chlorooctadecane	574	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/19/2022 Reported:

07/21/2022

Project Name: COTTONBERRY 20 FED 1H, 5H-6H (COT Project Number: NOT GIVEN

Project Location: EDDY COUNTY, NM Sampling Date: 07/18/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: DT - 3 2' (H223130-10)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	2.12	106	2.00	1.97	
Toluene*	<0.050	0.050	07/20/2022	ND	2.19	109	2.00	2.61	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	2.22	111	2.00	2.63	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.85	114	6.00	2.22	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	07/20/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	195	97.6	200	17.8	
DRO >C10-C28*	24.5	10.0	07/20/2022	ND	174	86.9	200	25.3	
EXT DRO >C28-C36	30.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	96.0	% 43-149	1						
Surrogate: 1-Chlorooctadecane	98.5	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/19/2022 Reported: 07/21/2022

07/21/2022 COTTONBERRY 20 FED 1H, 5H-6H (COT

mg/kg

Project Name: COTTONBER
Project Number: NOT GIVEN

Project Location: EDDY COUNTY, NM

Sampling Date: 07/18/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: DT - 3 3' (H223130-11)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	2.12	106	2.00	1.97	
Toluene*	<0.050	0.050	07/20/2022	ND	2.19	109	2.00	2.61	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	2.22	111	2.00	2.63	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.85	114	6.00	2.22	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	07/20/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	195	97.6	200	17.8	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	174	86.9	200	25.3	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	69.7	% 43-149)						
Surrogate: 1-Chlorooctadecane	72.6	% 42.5-16	1						

Analyzed By: JH

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Analytical Results For:

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

Received: 07/19/2022 Reported: 07/21/2022

07/21/2022 COTTONBERRY 20 FED 1H, 5H-6H (COT

ma/ka

Project Name: COTTONBER
Project Number: NOT GIVEN

Project Location: EDDY COUNTY, NM

Sampling Date: 07/18/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: DT - 3 4' (H223130-12)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	2.12	106	2.00	1.97	
Toluene*	<0.050	0.050	07/20/2022	ND	2.19	109	2.00	2.61	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	2.22	111	2.00	2.63	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.85	114	6.00	2.22	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/20/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	195	97.6	200	17.8	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	174	86.9	200	25.3	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	75.9	% 43-149	1						
Surrogate: 1-Chlorooctadecane	78.4	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/19/2022 Reported: 07/21/2022

07/21/2022 COTTONBERRY 20 FED 1H, 5H-6H (COT

Project Name: COTTONBER
Project Number: NOT GIVEN

Project Location: EDDY COUNTY, NM

Sampling Date: 07/18/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: DT - 4 0-1' (H223130-13)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	2.12	106	2.00	1.97	
Toluene*	<0.050	0.050	07/20/2022	ND	2.19	109	2.00	2.61	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	2.22	111	2.00	2.63	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.85	114	6.00	2.22	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118	% 69.9-14	10						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	944	16.0	07/20/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	195	97.6	200	17.8	
DRO >C10-C28*	881	10.0	07/20/2022	ND	174	86.9	200	25.3	
EXT DRO >C28-C36	387	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	90.9	% 43-149)						
Surrogate: 1-Chlorooctadecane	209	% 42.5-16	51						

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Analytical Results For:

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

Received: 07/19/2022 Reported: 07/21/2022

07/21/2022 COTTONBERRY 20 FED 1H, 5H-6H (COT

ma/ka

Project Name: COTTONBER
Project Number: NOT GIVEN

Project Location: EDDY COUNTY, NM

Sampling Date: 07/18/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: DT - 4 2' (H223130-14)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	2.12	106	2.00	1.97	
Toluene*	<0.050	0.050	07/20/2022	ND	2.19	109	2.00	2.61	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	2.22	111	2.00	2.63	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.85	114	6.00	2.22	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	07/20/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	195	97.6	200	17.8	
DRO >C10-C28*	14.5	10.0	07/20/2022	ND	174	86.9	200	25.3	
EXT DRO >C28-C36	17.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	80.3	% 43-149)						
Surrogate: 1-Chlorooctadecane	86.0	% 42.5-16	1						

Applyzod By: 14

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Analytical Results For:

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

Received: 07/19/2022 Reported:

07/21/2022

Project Name: COTTONBERRY 20 FED 1H, 5H-6H (COT

Project Number: NOT GIVEN Project Location: EDDY COUNTY, NM Sampling Date: 07/18/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: DT - 4 3' (H223130-15)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	2.12	106	2.00	1.97	
Toluene*	<0.050	0.050	07/20/2022	ND	2.19	109	2.00	2.61	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	2.22	111	2.00	2.63	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.85	114	6.00	2.22	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	119 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	07/20/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	195	97.6	200	17.8	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	174	86.9	200	25.3	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	78.4	% 43-149	1						
Surrogate: 1-Chlorooctadecane	80.5	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/19/2022 Reported:

07/21/2022

Project Name: COTTONBERRY 20 FED 1H, 5H-6H (COT Project Number: NOT GIVEN

Project Location: EDDY COUNTY, NM Sampling Date: 07/18/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: DT - 4 4' (H223130-16)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050 0.050		07/20/2022	ND	2.12	106	2.00	1.97	
Toluene*	<0.050	0.050	07/20/2022	ND	2.19	109	2.00	2.61	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	2.22	111	2.00	2.63	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.85	114	6.00	2.22	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 % 69.9-14		0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result Reporting Limit		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0 16.0		07/20/2022 ND		432	108	400	0.00	
TPH 8015M	mg/kg		Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	195	97.6	200	17.8	
DRO >C10-C28*	ORO >C10-C28* <10.0 10		07/20/2022	ND	174	86.9	200	25.3	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane 71		% 43-149	1						
Surrogate: 1-Chlorooctadecane	73.9	% 42.5-16	1						

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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: 07/19/2022 Reported:

07/21/2022 COTTONBERRY 20 FED 1H, 5H-6H (COT

Project Name: Project Number: NOT GIVEN

Project Location: EDDY COUNTY, NM Sampling Date: 07/18/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: DT - 5 0-1' (H223130-17)

BTEX 8021B	mg/	kg	Analyze	d By: JH				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050 0.05		07/20/2022	ND	2.12	106	2.00	1.97		
Toluene*	<0.050 0.050		07/20/2022	ND	2.19	109	2.00	2.61		
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	2.22	111	2.00	2.63		
Total Xylenes*	0.496 0.150		07/20/2022	ND	6.85	114	6.00	2.22	GC-NC1	
Total BTEX	0.496	0.300	07/20/2022	ND					GC-NC1	
Surrogate: 4-Bromofluorobenzene (PID	146 9	69.9-14	0							
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC						
Analyte	Result Reporti		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1410	16.0	07/20/2022 ND		432	108	400	0.00	0.00	
TPH 8015M	mg/kg		Analyze	d By: MS			S-04			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	61.3	10.0	07/20/2022	ND	195	97.6	200	17.8		
DRO >C10-C28*	5470	10.0	07/20/2022	ND	174	86.9	200	25.3		
EXT DRO >C28-C36	1850	10.0	07/20/2022	ND						
Surrogate: 1-Chlorooctane	116 %	6 43-149)							
Surrogate: 1-Chlorooctadecane	706 9	% 42.5-16	1							

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Analytical Results For:

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

Received: 07/19/2022 Reported:

07/21/2022

Project Name: COTTONBERRY 20 FED 1H, 5H-6H (COT Project Number: NOT GIVEN

Project Location: EDDY COUNTY, NM Sampling Date: 07/18/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: DT - 5 2' (H223130-18)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050 0.050		07/20/2022	ND	2.12	106	2.00	1.97	
Toluene*	<0.050	0.050	07/20/2022	ND	2.19	109	2.00	2.61	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	2.22	111	2.00	2.63	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.85	114	6.00	2.22	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448 16.0		07/20/2022	07/20/2022 ND		108	400	0.00	
TPH 8015M	mg/kg		Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	233	116	200	21.0	
DRO >C10-C28*	12.8	10.0	07/20/2022	ND	231	115	200	29.3	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	95.0	% 43-149	1						
Surrogate: 1-Chlorooctadecane	98.8	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/19/2022 Reported:

07/21/2022 COTTONBERRY 20 FED 1H, 5H-6H (COT

Project Name: Project Number: NOT GIVEN

Project Location: EDDY COUNTY, NM Sampling Date: 07/18/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: DT - 5 3' (H223130-19)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result Reporting Limit		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	<0.050 0.050		ND	2.12	106	2.00	1.97	
Toluene*	<0.050	0.050	07/20/2022	ND	2.19	109	2.00	2.61	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	2.22	111	2.00	2.63	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.85	114	6.00	2.22	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result Reporting Lin		Analyzed	Method Blank BS		% Recovery	True Value QC	RPD	Qualifier
Chloride	208 16.0		07/20/2022	7/20/2022 ND 4		108	400	0.00	
TPH 8015M	mg/kg		Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	233	116	200	21.0	
DRO >C10-C28*	O >C10-C28* <10.0 10.0		07/20/2022	ND	231	115	200	29.3	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	81.3	% 43-149)						
Surrogate: 1-Chlorooctadecane	82.8	% 42.5-16	1						

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Analytical Results For:

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

Received: 07/19/2022 Reported:

07/21/2022

ma/ka

Project Name: COTTONBERRY 20 FED 1H, 5H-6H (COT Project Number: NOT GIVEN

Project Location: EDDY COUNTY, NM Sampling Date: 07/18/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: DT - 5 4' (H223130-20)

RTFY 8021R

< < <	Result Reporting Limit Analyzed Method Blank BS Company <0.050 0.050 07/20/2022 ND 2.12 <0.050 0.050 07/20/2022 ND 2.19 <0.050 0.050 07/20/2022 ND 2.22 <0.150 0.150 07/20/2022 ND 6.85 <0.300 0.300 07/20/2022 ND	K Recovery True Value QC RPD Qualifier 106 2.00 1.97 109 2.00 2.61 111 2.00 2.63 114 6.00 2.22
<	<0.050 0.050 07/20/2022 ND 2.19 <0.050 0.050 07/20/2022 ND 2.22 <0.150 0.150 07/20/2022 ND 6.85	109 2.00 2.61 111 2.00 2.63
<	<0.050 0.050 07/20/2022 ND 2.22 <0.150 0.150 07/20/2022 ND 6.85	111 2.00 2.63
<	<0.150 0.150 07/20/2022 ND 6.85	
<	• •	114 6.00 2.22
	<0.300 0.300 07/20/2022 ND	
(PID	(PID 118% 69.9-140	
	mg/kg Analyzed By: AC	
F	Result Reporting Limit Analyzed Method Blank BS	% Recovery True Value QC RPD Qualifier
	176 16.0 07/20/2022 ND 432	108 400 0.00
	mg/kg Analyzed By: MS	
F	Result Reporting Limit Analyzed Method Blank BS	% Recovery True Value QC RPD Qualifier
<	<10.0 10.0 07/20/2022 ND 233	116 200 21.0
<	<10.0 10.0 07/20/2022 ND 231	115 200 29.3
<	<10.0 10.0 07/20/2022 ND	
	73.1 % 43-149	
	74.1 % 42.5-161	
	<10.0 10.0 07/20/2022 ND	115 200

Applyzod By: 14

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Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-04	The RPD for the BS/BSD was outside of historical limits.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
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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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

CARDINAL Laboratories 101 East Marland, Hobbs, NM 8824

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

Company Name: H+ P ENT	ENTER PRISES BILL TO	ANIAI VOIC
10.7	P.O. #:	ANALYSIS REQUEST
Address:		
City:	State: Zip: Affr: / A	EEX.
Phone #:	Fax #:	
Project #:	t Owner: CILIPPE	
Project Name: COTTON BERRY TO TED H. 5H-6H	(COTTOURS POUR STATE	
Project Location: TDDY County, Now	Contradential	
Sampler Name: M. College		
_	Fax#:	
TANK LAND LOSE UNIT.	3	SAMPLING
Lab I.D. Sam	(G)RAB OR (C) # CONTAINER: GROUNDWATE WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	DATE TIME TPH BTEX CHLORIDES
2 01-1 2-1	TT.81-L X X 1 -9	X
4 DT-1 3		
601-2 2		
2 DT-2 3'		
LASE NOTE: Liability and Darmages. Cardina's liability	1/2 DT- 3 2.1 LEASE NOTE: Liability and Darmages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or test shall be supported by the contract of the contra	
usyses. Au claims including those for negligence and rivice. In no event shall Cardinal be liable for incidenta filiates or successors arising out of or related to the pe- lellinguished By:	larges. All claims including those for negligance and any other cause whatsoever shall be deemed walved unless made in writing and reside within a control of the amount paid by the client for the price in no event shall Cardinal be liable for incidential or consequental daranges, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its substituties, felling the client of the performance of services hereunder by Cardinal, regardless of whether such claim is besed upon any of the above stated reasons or dherwise.	rount paid by the client for the down to the applicable days after completion of the applicable irred by client, its subsidiaries, stated reasons or otherwise.
MARCAL PRINCES	Times 27 Jamora Malaba	Verbal Result: ☐ Yes ☐ No Add'l Phone #: All Results are emailed. Please provide Email address:
		REMARKS: 48 HR PG lor 2
ampler - UPS - Bus - Other:	Observed Temp. °C 2 8 Sample Condition CHECKED BY: Cool Intact (Initials) Corrected Temp. °C 2 2 1 1 No 1 No	Turnaround Time: Standa Thermometer ID #113 Correction Factor of Sec
	† Cardinal cannot accept verbal changes. Please email changes to celev keene@cardinallabsnm.com	hanges to celev keene@cardinallaheam com

CARDINAL

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Relinquished By:	Relinquished By:	analyses. All claims including those is service. In no event shall Cardinal be affiliates or successors arising out of or	20 DT- 5		12 07.5	16 05-4	15 07-4	14 05-4	13 01-4	/2 pr-	// DT-3	H223130	Lab I.D.	FOR LAB USE ONLY	Sampler Name:	Project Location:	Project Name: CcT/p/	Project #:	Phone #:	City:	Address:	Project Manager: M. Coulte	Company Manie. H& K ENTER PRISES
2.8.0	Date:	Date:	analyses. All claims including those for negligence and any other cause whatsoever shall be deemed walved unless made in witing and received by Cardinal which 30 days after competion of the applicable service. In no event shall Cardinal be liable for including to consequental damages, including without firmation, business interruptions (oses of use, or loss of profits incurred by dent, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.	5 4 F	1	0-1	4'	3	2	4 0-11	3 4'	3 3'		Sample I.D.				Project Name: CCTTON BERRY 20 FED 1H, 5H-6H	Project Ow	Fax #:	State:		Courter	K ENTER PRISES
Sample Condition Cool Intact Cool Intact Fig. 3 Yes No No	Received By:	Received By:	to any command water process is common to tool be deemed waived unless made in writing and recei- tiding without firmlation, business interruptions, loss of by Cardinal, regardless of whether such daim is base by Cardinal, regardless of whether such daim is base	for any distinguishment has a fin contract								×	# CON	B OR (C)OM ITAINERS INDWATER EWATER	MP. MATRIX			H (GITTONBERRY TO)	Project Owner: CIMAREX		Zip:			
On CHECKED BY:	Markon	11/10	d received by Cardinal within 30 days after o loss of use, or loss of profits incurred by clie is based upon any of the above stated ressu	or for shall he limited to the amount held?									OTHE ACID/I ICE / C OTHE	BASE:	PRESERV. SAMPLING	Fax #:	Phone #:	State: Zip:	City:	Address:	Attn: LACI LUIG	Company: CIMAREX	P.O. #:	DITT 10
	48 HB	ult: Yes	y are cars on are completion of the applicable int, its subsidiaries, one or otherwise.	the class for the								××××	TP BTE	N	G									
	P6 2012	No Add'l Phone #: No Add'l Fax #:																						ANALTOIS REQUEST
																								JEST

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



Environment Testing America

ANALYTICAL REPORT

Eurofins Carlsbad 1089 N Canal St. Carlsbad, NM 88220 Tel: (575)988-3199

Laboratory Job ID: 890-2688-1

Client Project/Site: (CB) CottonBerry 20 Fed 5H 6H

For:

eurofins 🔆

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

Attn: Michael Collier

RAMPR

Authorized for release by: 8/2/2022 10:28:28 AM

Jessica Kramer, Project Manager (432)704-5440

Jessica.Kramer@et.eurofinsus.com

Have a Question?

.....LINKS

EOL

Review your project results through

Received by OCD: 8/18/2022 11:15:52 AM

Visit us at:

www.eurofinsus.com/Env Released to Imaging: 8/22/2022 1:58:09 PM

Results relate only to the items tested and the sample(s) as received by the laboratory.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten

Client: H & R Enterprises
Project/Site: (CB) CottonBerry 20 Fed 5H 6H

Laboratory Job ID: 890-2688-1

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Definitions/Glossary

Client: H & R Enterprises Job ID: 890-2688-1

Project/Site: (CB) CottonBerry 20 Fed 5H 6H

Qualifiers

GC '	VOA
Oual	ifior

Quanner	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

Qualifier Description

GC Semi VOA

Qualifier	Qualifier Description
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.						
n	Listed under the "D" column to designate that the result is reported on a dry weight basis						
%R	Percent Recovery						
CFL	Contains Free Liquid						
CFU	Colony Forming Unit						
CNF	Contains No Free Liquid						
DER	Duplicate Error Ratio (normalized absolute difference)						
Dil Fac	Dilution Factor						
DL	Detection Limit (DoD/DOE)						
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample						

DLC Decision Level Concentration (Radiochemistry) EDL Estimated Detection Limit (Dioxin) LOD Limit of Detection (DoD/DOE) LOQ Limit of Quantitation (DoD/DOE)

EPA recommended "Maximum Contaminant Level" MCL MDA Minimum Detectable Activity (Radiochemistry) Minimum Detectable Concentration (Radiochemistry) MDC

MDL Method Detection Limit MI Minimum Level (Dioxin) MPN Most Probable Number MQL Method Quantitation Limit

NC Not Calculated

ND Not Detected at the reporting limit (or MDL or EDL if shown)

Negative / Absent NEG POS Positive / Present Practical Quantitation Limit PQL

PRES Presumptive QC **Quality Control**

RER Relative Error Ratio (Radiochemistry)

Reporting Limit or Requested Limit (Radiochemistry) RL

RPD Relative Percent Difference, a measure of the relative difference between two points

TEF Toxicity Equivalent Factor (Dioxin) **TEQ** Toxicity Equivalent Quotient (Dioxin)

TNTC Too Numerous To Count

Eurofins Carlsbad

Case Narrative

Client: H & R Enterprises

Project/Site: (CB) CottonBerry 20 Fed 5H 6H

Job ID: 890-2688-1

Job ID: 890-2688-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative 890-2688-1

Receipt

The samples were received on 7/29/2022 1:05 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 7.8°C

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for preparation batch 880-31170 and analytical batch 880-31148 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: S-2 (890-2688-2) and S-3 (890-2688-3). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: S-13 (890-2688-13). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-31151/2-A) and (LCSD 880-31151/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery was outside acceptance limits for the following matrix spike (MS) sample: (890-2688-A-1-B MS). The parent sample's surrogate recovery was within limits. The MS sample has been qualified and reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-31187 and 880-31187 and analytical batch 880-31227 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits. The associated samples are: S-11 (890-2688-11), S-12 (890-2688-12), S-13 (890-2688-13), S-14 (890-2688-14), SW-1 (890-2688-15), SW-2 (890-2688-16), SW-3 (890-2688-17), SW-4 (890-2688-18), BG-1 (890-2688-19), BG-2 (890-2688-20), (890-2688-A-11-E MS) and (890-2688-A-11-F MSD).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client: H & R Enterprises

Project/Site: (CB) CottonBerry 20 Fed 5H 6H

Lab Sample ID: 890-2688-1

Job ID: 890-2688-1

Matrix: Solid

Client Sample ID: S-1

Date Collected: 07/29/22 00:00 Date Received: 07/29/22 13:05

Sample Depth: 3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		08/01/22 09:07	08/01/22 18:20	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/01/22 09:07	08/01/22 18:20	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/01/22 09:07	08/01/22 18:20	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		08/01/22 09:07	08/01/22 18:20	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/01/22 09:07	08/01/22 18:20	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/01/22 09:07	08/01/22 18:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				08/01/22 09:07	08/01/22 18:20	1
1,4-Difluorobenzene (Surr)	88		70 - 130				08/01/22 09:07	08/01/22 18:20	1
- Method: Total BTEX - Total BTEX	(Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			08/02/22 10:55	1
- Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/01/22 16:58	1
- Method: 8015B NM - Diesel Rang	ge Organics (D	RO) (GC)							
Analyte	-	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/01/22 09:04	08/01/22 11:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/01/22 09:04	08/01/22 11:36	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/01/22 09:04	08/01/22 11:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				08/01/22 09:04	08/01/22 11:36	1
o-Terphenyl	89		70 - 130				08/01/22 09:04	08/01/22 11:36	1
Method: 300.0 - Anions, Ion Chro	omatography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

Client Sample ID: S-2

Date Collected: 07/29/22 00:00

Date Received: 07/29/22 13:05

Sample Depth: 3

Chloride

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/01/22 09:07	08/01/22 18:40	1
Toluene	0.00242		0.00200		mg/Kg		08/01/22 09:07	08/01/22 18:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/01/22 09:07	08/01/22 18:40	1
m-Xylene & p-Xylene	0.00952		0.00400		mg/Kg		08/01/22 09:07	08/01/22 18:40	1
o-Xylene	0.00435		0.00200		mg/Kg		08/01/22 09:07	08/01/22 18:40	1
Xylenes, Total	0.0139		0.00400		mg/Kg		08/01/22 09:07	08/01/22 18:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	134	S1+	70 - 130				08/01/22 09:07	08/01/22 18:40	1

5.01

mg/Kg

60.3

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08/01/22 18:36

Lab Sample ID: 890-2688-2

Matrix: Solid

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Client: H & R Enterprises

Project/Site: (CB) CottonBerry 20 Fed 5H 6H

Job ID: 890-2688-1

Client Sample ID: S-2

Date Collected: 07/29/22 00:00 Date Received: 07/29/22 13:05 Matrix: Solid

Lab Sample ID: 890-2688-2

Sample Depth: 3

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	117		70 - 130	08/01/22 09:07	08/01/22 18:40	1

Method: To	tal BTFX - Tot	tal BTEX Calculation	n

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0163	0.00400	mg/Kg			08/02/22 10:55	1

Mothod: 9015 NM - Diocol Pango Oro	rapice (DPO) (CC)

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9 U	49.9	ma/Ka		 	08/01/22 16:58	1

		_			
Method: 8015B	NM - Diesel	Range Org	ranics ('DROL	GC
motriou. ou rob	THE DIGGOI	itunge or	garnoo (D. (U)	(–

Analyte	Result	Qualifier	RL	MDL U	nit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9	m	ng/Kg		08/01/22 09:04	08/01/22 12:41	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.9	U	49.9	m	ng/Kg		08/01/22 09:04	08/01/22 12:41	1
C10-C28)									
OII Range Organics (Over C28-C36)	<49.9	U	49.9	m	ng/Kg		08/01/22 09:04	08/01/22 12:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac

Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac
1-Chlorooctane	72		70 - 130	06	8/01/22 09:04	08/01/22 12:41	1
o-Terphenyl	80		70 - 130	0	8/01/22 09:04	08/01/22 12:41	1

Method: 300.0 - Anions, Ion C	hromatography - Soluble

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	299	4.99	mg/Kg		_	08/01/22 13:55	1

Client Sample ID: S-3

Lab Sample ID: 890-2688-3

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Collected: 07/29/22 00:00 Date Received: 07/29/22 13:05

Sample Depth: 3

Method: 8021B -	Volatile Organ	ic Compounds	s (GC)
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motification volutile orga	illo compoundo ((33)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		08/01/22 09:07	08/01/22 19:01	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/01/22 09:07	08/01/22 19:01	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/01/22 09:07	08/01/22 19:01	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/01/22 09:07	08/01/22 19:01	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/01/22 09:07	08/01/22 19:01	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/01/22 09:07	08/01/22 19:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	308	S1+	70 - 130				08/01/22 09:07	08/01/22 19:01	1
1,4-Difluorobenzene (Surr)	241	S1+	70 - 130				08/01/22 09:07	08/01/22 19:01	1

Mothod:	Total RT	EY Tota	I DTEY	Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	0)	Prepared	Analyzed	Dil Fac
Total BTEX	< 0.00404	U	0.00404		ma/Ka				08/02/22 10:55	1

	Method: 8015 NM - Diesel	Range Organics (DRO	D) (GC)	١
ı	Michiga. 00 to Min - Diese	i italige Organics (Ditt		,

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/K	g		08/01/22 16:58	1

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Client: H & R Enterprises

Client Sample ID: S-3

Project/Site: (CB) CottonBerry 20 Fed 5H 6H

Job ID: 890-2688-1

Lab Sample ID: 890-2688-3

Date Collected: 07/29/22 00:00 Date Received: 07/29/22 13:05

Matrix: Solid

Sample Depth: 3

Method: 8015B NM - Diesel Rang	ne Range Organics								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		08/01/22 09:04	08/01/22 13:03	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		08/01/22 09:04	08/01/22 13:03	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/01/22 09:04	08/01/22 13:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130				08/01/22 09:04	08/01/22 13:03	1
o-Terphenyl	90		70 - 130				08/01/22 09:04	08/01/22 13:03	1
- Method: 300.0 - Anions, Ion Chro	omatography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	294		4.97		mg/Kg			08/01/22 14:04	1

Lab Sample ID: 890-2688-4 Client Sample ID: S-4 **Matrix: Solid**

Date Collected: 07/29/22 00:00 Date Received: 07/29/22 13:05

Sample Depth: 3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/01/22 09:07	08/01/22 19:22	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/01/22 09:07	08/01/22 19:22	1
Ethylbenzene	< 0.00201	U	0.00201		mg/Kg		08/01/22 09:07	08/01/22 19:22	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/01/22 09:07	08/01/22 19:22	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/01/22 09:07	08/01/22 19:22	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/01/22 09:07	08/01/22 19:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130				08/01/22 09:07	08/01/22 19:22	1
1,4-Difluorobenzene (Surr)	105		70 - 130				08/01/22 09:07	08/01/22 19:22	1
Method: Total BTEX - Total BTEX	Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/02/22 10:55	1
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/01/22 16:58	1
Method: 8015B NM - Diesel Rang	e Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/01/22 09:04	08/01/22 13:25	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/01/22 09:04	08/01/22 13:25	1
Oll Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/01/22 09:04	08/01/22 13:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130				08/01/22 09:04	08/01/22 13:25	1
o-Terphenyl	90		70 - 130				08/01/22 09:04	08/01/22 13:25	1

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Client: H & R Enterprises

Project/Site: (CB) CottonBerry 20 Fed 5H 6H

Job ID: 890-2688-1

Matrix: Solid

Lab Sample ID: 890-2688-4

08/02/22 10:55

Client Sample ID: S-4

Date Collected: 07/29/22 00:00

Date Received: 07/29/22 13:05

Sample Depth: 3

Method: 300.0 - Anions, Ion Chrom	natography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	73.4		4.97		mg/Kg			08/01/22 14:13	1

Client Sample ID: S-5 Lab Sample ID: 890-2688-5 **Matrix: Solid**

Date Collected: 07/29/22 00:00 Date Received: 07/29/22 13:05

Sample Depth: 3

Total BTEX

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		08/01/22 09:07	08/01/22 19:42	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/01/22 09:07	08/01/22 19:42	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/01/22 09:07	08/01/22 19:42	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		08/01/22 09:07	08/01/22 19:42	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/01/22 09:07	08/01/22 19:42	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		08/01/22 09:07	08/01/22 19:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				08/01/22 09:07	08/01/22 19:42	1
1,4-Difluorobenzene (Surr)	88		70 - 130				08/01/22 09:07	08/01/22 19:42	1
Method: Total BTEX - Total BT	EX Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

Method: 8015 NM - Diesel Ra	nge Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/01/22 16:58	1
Mothod: 8015B NM - Diosol B	ango Organice (D	PO) (CC)							

0.00403

mg/Kg

<0.00403 U

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/01/22 09:04	08/01/22 13:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/01/22 09:04	08/01/22 13:47	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/01/22 09:04	08/01/22 13:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				08/01/22 09:04	08/01/22 13:47	1
o-Terphenyl	93		70 ₋ 130				08/01/22 09:04	08/01/22 13:47	1

Method: 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	282		24.9		mg/Kg			08/01/22 14:22	5

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Job ID: 890-2688-1

Matrix: Solid

Lab Sample ID: 890-2688-6

Client Sample Results

Client: H & R Enterprises

Project/Site: (CB) CottonBerry 20 Fed 5H 6H

onBerry 20 Fed 5H 6H

Client Sample ID: S-6

Date Collected: 07/29/22 00:00 Date Received: 07/29/22 13:05

Sample Depth: 3

	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/01/22 09:07	08/01/22 20:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/01/22 09:07	08/01/22 20:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/01/22 09:07	08/01/22 20:03	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/01/22 09:07	08/01/22 20:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/01/22 09:07	08/01/22 20:03	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/01/22 09:07	08/01/22 20:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				08/01/22 09:07	08/01/22 20:03	1
1,4-Difluorobenzene (Surr)	83		70 - 130				08/01/22 09:07	08/01/22 20:03	1
Method: Total BTEX - Total BTE	X Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/02/22 10:55	1
Analyte	Result	Qualifier							
<u></u>			RL	MDL	Unit	D	Prepared	Analyzed	
Total TPH	<49.8		49.8	WIDL	mg/Kg	<u> </u>	Prepared	Analyzed 08/01/22 16:58	
Total TPH Method: 8015B NM - Diesel Ran	<49.8	U		MDL		D	Prepared		
- -	<49.8 ge Organics (D	U		MDL	mg/Kg	D	Prepared Prepared		1
Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics	<49.8 ge Organics (D	RO) (GC) Qualifier	49.8		mg/Kg			08/01/22 16:58	Dil Fac
Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	<49.8 ge Organics (D Result	RO) (GC) Qualifier	49.8		mg/Kg		Prepared	08/01/22 16:58 Analyzed	Dil Fac
Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10	<49.8 ge Organics (D) Result <49.8	RO) (GC) Qualifier U	49.8 RL 49.8		mg/Kg Unit mg/Kg		Prepared 08/01/22 09:04	08/01/22 16:58 Analyzed 08/01/22 14:08	Dil Fac
Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<49.8 ge Organics (D) Result <49.8 <49.8	U RO) (GC) Qualifier U U	49.8 RL 49.8 49.8		mg/Kg Unit mg/Kg mg/Kg		Prepared 08/01/22 09:04 08/01/22 09:04	08/01/22 16:58 Analyzed 08/01/22 14:08 08/01/22 14:08	Dil Fac
Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	<49.8 ge Organics (D) Result <49.8 <49.8 <49.8	U RO) (GC) Qualifier U U	49.8 RL 49.8 49.8 49.8		mg/Kg Unit mg/Kg mg/Kg		Prepared 08/01/22 09:04 08/01/22 09:04 08/01/22 09:04	08/01/22 16:58 Analyzed 08/01/22 14:08 08/01/22 14:08	Dil Face 1 1 1 Dil Face
Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	<49.8 ge Organics (D) Result <49.8 <49.8 <49.8 %Recovery	U RO) (GC) Qualifier U U	49.8 RL 49.8 49.8 49.8 Limits		mg/Kg Unit mg/Kg mg/Kg		Prepared 08/01/22 09:04 08/01/22 09:04 08/01/22 09:04 Prepared	08/01/22 16:58 Analyzed 08/01/22 14:08 08/01/22 14:08 08/01/22 14:08 Analyzed	Dil Fac
Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	<49.8 ge Organics (D) Result <49.8 <49.8 <49.8 <88 95	CONTROL (GC) Qualifier U U Qualifier	49.8 49.8 49.8 49.8 49.8 Limits 70 - 130		mg/Kg Unit mg/Kg mg/Kg		Prepared 08/01/22 09:04 08/01/22 09:04 08/01/22 09:04 Prepared 08/01/22 09:04	08/01/22 16:58 Analyzed 08/01/22 14:08 08/01/22 14:08 08/01/22 14:08 Analyzed 08/01/22 14:08	Dil Fac
Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	49.8 ge Organics (D Result <49.8 <49.8 <49.8 <88 <95 omatography -	CONTROL (GC) Qualifier U U Qualifier	49.8 49.8 49.8 49.8 49.8 Limits 70 - 130		mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 08/01/22 09:04 08/01/22 09:04 08/01/22 09:04 Prepared 08/01/22 09:04	08/01/22 16:58 Analyzed 08/01/22 14:08 08/01/22 14:08 08/01/22 14:08 Analyzed 08/01/22 14:08	Dil Fac Dil Fac Dil Fac Dil Fac Dil Fac Dil Fac Dil Fac

Client Sample ID: S-7

Date Collected: 07/29/22 00:00

Date Received: 07/29/22 13:05

Sample Depth: 3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/01/22 10:00	08/01/22 16:34	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/01/22 10:00	08/01/22 16:34	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/01/22 10:00	08/01/22 16:34	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/01/22 10:00	08/01/22 16:34	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/01/22 10:00	08/01/22 16:34	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/01/22 10:00	08/01/22 16:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				08/01/22 10:00	08/01/22 16:34	1

Eurofins Carlsbad

Lab Sample ID: 890-2688-7

Matrix: Solid

Client: H & R Enterprises

Client Sample ID: S-7

Date Collected: 07/29/22 00:00

Date Received: 07/29/22 13:05

Project/Site: (CB) CottonBerry 20 Fed 5H 6H

Lab Sample ID: 890-2688-7

Matrix: Solid

Job ID: 890-2688-1

Sample Depth: 3

Method: 8021B -	Volatile Ord	anic Com	nounds (C	GC) ((Continued)	
Method. 002 1D	Volatile Oit		poullus (C	30) I	(Continueu)	

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	94		70 - 130	08/01/22 10:00	08/01/22 16:34	1

ı				
ı	Method:	Total RTFX	: - Total BTEX	Calculation
ı	mictilou.	TOTAL DIE	- IOLAI DIEA	Oulculation

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	ma/Ka			08/02/22 10:55	1

Mothod: 2015 NM	Diocal Pango	Organice (DB	O) (CC)

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	ma/Ka			08/01/22 16:58	1

Method: 8015B	NM - Diesel	Range Ore	anice l	(DRO)	(GC)
Methou. ou isb	IAIN - DIESEI	Range Org	janics i	(DRU)	(GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/01/22 09:04	08/01/22 14:30	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/01/22 09:04	08/01/22 14:30	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/01/22 09:04	08/01/22 14:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed
1-Chlorooctane	84		70 - 130	08/01/22 09:04	08/01/22 14:30
o-Terphenyl	94		70 - 130	08/01/22 09:04	08/01/22 14:30

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result Qualifier	RL	MDL I	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	84.6	5.00		mg/Kg	_		08/01/22 14:59	1

Client Sample ID: S-8 Lab Sample ID: 890-2688-8

Date Collected: 07/29/22 00:00 Date Received: 07/29/22 13:05

Sample Depth: 3

Method: 8021B -	. Volatila	Organic (Compounds	(GC)
Methou, ouz ib :	· voiatile	Oruanic C	JUHUUUHIUS	100

		()							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/01/22 10:00	08/01/22 16:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/01/22 10:00	08/01/22 16:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/01/22 10:00	08/01/22 16:54	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/01/22 10:00	08/01/22 16:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/01/22 10:00	08/01/22 16:54	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/01/22 10:00	08/01/22 16:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		70 - 130				08/01/22 10:00	08/01/22 16:54	1
1,4-Difluorobenzene (Surr)	101		70 - 130				08/01/22 10:00	08/01/22 16:54	1

Mothod:	Total RT	EY Tota	I DTEY	Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepa	red Analyzed	Dil Fac
Total BTEX	< 0.00401	U	0.00401		ma/Ka		· ·	08/02/22 10:55	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC	Method: 8015 NM -	- Diesel Range	Organics (DRO)	(GC
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Analyte	•	•	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH			<49.9	U	49.9	mg/l	Kg	·	08/01/22 16:58	1

Eurofins Carlsbad

Matrix: Solid

Client: H & R Enterprises

Project/Site: (CB) CottonBerry 20 Fed 5H 6H

Lab Sample ID: 890-2688-8

Job ID: 890-2688-1

Client Sample ID: S-8

Date Collected: 07/29/22 00:00 Date Received: 07/29/22 13:05 Matrix: Solid

Sample Depth: 3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		08/01/22 09:04	08/01/22 14:52	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.9	U	49.9		mg/Kg		08/01/22 09:04	08/01/22 14:52	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/01/22 09:04	08/01/22 14:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				08/01/22 09:04	08/01/22 14:52	1
o-Terphenyl	86		70 - 130				08/01/22 09:04	08/01/22 14:52	1
Method: 300.0 - Anions, Ion Chro	omatography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

Lab Sample ID: 890-2688-9 Client Sample ID: S-9 **Matrix: Solid**

Date Collected: 07/29/22 00:00 Date Received: 07/29/22 13:05

Sample Depth: 3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/01/22 10:00	08/01/22 17:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/01/22 10:00	08/01/22 17:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/01/22 10:00	08/01/22 17:14	1
m-Xylene & p-Xylene	< 0.00399	U	0.00399		mg/Kg		08/01/22 10:00	08/01/22 17:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/01/22 10:00	08/01/22 17:14	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/01/22 10:00	08/01/22 17:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		70 - 130				08/01/22 10:00	08/01/22 17:14	1
1,4-Difluorobenzene (Surr)	100		70 - 130				08/01/22 10:00	08/01/22 17:14	1
Method: Total BTEX - Total BTEX	Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/02/22 10:55	1
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/01/22 16:58	1
Method: 8015B NM - Diesel Rang	e Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/01/22 09:04	08/01/22 15:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/01/22 09:04	08/01/22 15:13	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/01/22 09:04	08/01/22 15:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				08/01/22 09:04	08/01/22 15:13	1
o-Terphenyl	95		70 ₋ 130				08/01/22 09:04	08/01/22 15:13	1

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Client: H & R Enterprises

Project/Site: (CB) CottonBerry 20 Fed 5H 6H

Job ID: 890-2688-1

Client Sample ID: S-9

Date Received: 07/29/22 13:05

Lab Sample ID: 890-2688-9 Date Collected: 07/29/22 00:00

Matrix: Solid

Sample Depth: 3

Method: 300.0 - Anions, Ion Chromat	ography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	107		5.02		mg/Kg			08/01/22 19:04	1

Client Sample ID: S-10 Lab Sample ID: 890-2688-10

Date Collected: 07/29/22 00:00 Matrix: Solid Date Received: 07/29/22 13:05

Sample Depth: 3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00199	U	0.00199		mg/Kg		08/01/22 10:00	08/01/22 17:35	
Toluene	< 0.00199	U	0.00199		mg/Kg		08/01/22 10:00	08/01/22 17:35	
Ethylbenzene	< 0.00199	U	0.00199		mg/Kg		08/01/22 10:00	08/01/22 17:35	
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/01/22 10:00	08/01/22 17:35	
o-Xylene	< 0.00199	U	0.00199		mg/Kg		08/01/22 10:00	08/01/22 17:35	
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/01/22 10:00	08/01/22 17:35	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	101		70 - 130				08/01/22 10:00	08/01/22 17:35	
1,4-Difluorobenzene (Surr)	97		70 - 130				08/01/22 10:00	08/01/22 17:35	
Method: Total BTEX - Total BTEX	(Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/02/22 10:55	
Method: 8015 NM - Diesel Range Analyte	•	O) (GC) Qualifier	RL	MDI	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	- Kesuit		50.0	WIDE	mg/Kg		Trepareu	08/01/22 16:58	Dilla
	30.0	O	30.0		mg/rtg			00/01/22 10:50	
Method: 8015B NM - Diesel Rang	ge Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/01/22 09:04	08/01/22 15:35	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/01/22 09:04	08/01/22 15:35	
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/01/22 09:04	08/01/22 15:35	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	101		70 - 130				08/01/22 09:04	08/01/22 15:35	
o-Terphenyl	115		70 - 130				08/01/22 09:04	08/01/22 15:35	
Method: 300.0 - Anions, Ion Chro	omatography -	Soluble							
Method: 300.0 - Anions, Ion Chro Analyte		Soluble Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa

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Job ID: 890-2688-1

Client Sample Results

Client: H & R Enterprises

Project/Site: (CB) CottonBerry 20 Fed 5H 6H

Client Sample ID: S-11 Lab Sample ID: 890-2688-11 Matrix: Solid

Date Collected: 07/29/22 00:00 Date Received: 07/29/22 13:05

Sample Depth: 3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/01/22 10:00	08/01/22 17:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/01/22 10:00	08/01/22 17:55	1
Ethylbenzene	< 0.00199	U	0.00199		mg/Kg		08/01/22 10:00	08/01/22 17:55	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/01/22 10:00	08/01/22 17:55	1
o-Xylene	< 0.00199	U	0.00199		mg/Kg		08/01/22 10:00	08/01/22 17:55	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/01/22 10:00	08/01/22 17:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				08/01/22 10:00	08/01/22 17:55	1
1,4-Difluorobenzene (Surr)	102		70 - 130				08/01/22 10:00	08/01/22 17:55	1
- Method: Total BTEX - Total BTE)	X Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/02/22 10:55	1
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
T-4-LTDLL									Diriac
Total TPH -	<50.0	U	50.0		mg/Kg		<u> </u>	08/01/22 16:58	1
iotal IPH : : Method: 8015B NM - Diesel Ranç			50.0		mg/Kg				
- -	ge Organics (D		50.0 RL	MDL	mg/Kg Unit	D	Prepared		1
ି Method: 8015B NM - Diesel Rang	ge Organics (D	RO) (GC) Qualifier		MDL		D	Prepared 08/01/22 09:04	08/01/22 16:58	1 Dil Fac
Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	ge Organics (Di	RO) (GC) Qualifier	RL	MDL	Unit	<u>D</u>		08/01/22 16:58 Analyzed	Dil Fac
Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10	ge Organics (D Result <50.0	RO) (GC) Qualifier U	RL	MDL	Unit mg/Kg	D	08/01/22 09:04	08/01/22 16:58 Analyzed 08/01/22 16:19	Dil Fac
Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	ge Organics (D) Result <50.0	RO) (GC) Qualifier U	RL 50.0	MDL	Unit mg/Kg mg/Kg	<u>D</u>	08/01/22 09:04 08/01/22 09:04	08/01/22 16:58 Analyzed 08/01/22 16:19 08/01/22 16:19	1 Dil Fac
Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	ge Organics (D) Result <50.0 <50.0	RO) (GC) Qualifier U	RL 50.0 50.0 50.0	MDL	Unit mg/Kg mg/Kg	<u>D</u>	08/01/22 09:04 08/01/22 09:04 08/01/22 09:04	08/01/22 16:58 Analyzed 08/01/22 16:19 08/01/22 16:19 08/01/22 16:19	1 Dil Fac 1 1
Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	ge Organics (D Result <50.0 <50.0 <50.0	RO) (GC) Qualifier U		MDL	Unit mg/Kg mg/Kg	<u>D</u>	08/01/22 09:04 08/01/22 09:04 08/01/22 09:04 Prepared	08/01/22 16:58 Analyzed 08/01/22 16:19 08/01/22 16:19 08/01/22 16:19 Analyzed	Dil Fac
Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	ge Organics (D) Result <50.0 <50.0 <50.0 <70.0 **Recovery** 72 80	RO) (GC) Qualifier U U Qualifier	RL 50.0 50.0 50.0 50.0 Limits 70 - 130	MDL	Unit mg/Kg mg/Kg	<u>D</u>	08/01/22 09:04 08/01/22 09:04 08/01/22 09:04 Prepared 08/01/22 09:04	08/01/22 16:58 Analyzed 08/01/22 16:19 08/01/22 16:19 08/01/22 16:19 Analyzed 08/01/22 16:19	Dil Fac
Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	ge Organics (D) Result <50.0 <50.0 <50.0 **Recovery 72 80 omatography -	RO) (GC) Qualifier U U Qualifier	RL 50.0 50.0 50.0 50.0 Limits 70 - 130	MDL	Unit mg/Kg mg/Kg mg/Kg	<u>D</u>	08/01/22 09:04 08/01/22 09:04 08/01/22 09:04 Prepared 08/01/22 09:04	08/01/22 16:58 Analyzed 08/01/22 16:19 08/01/22 16:19 08/01/22 16:19 Analyzed 08/01/22 16:19	Dil Fac

Client Sample ID: S-12

Date Collected: 07/29/22 00:00 Date Received: 07/29/22 13:05

Sample Depth: 3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/01/22 10:00	08/01/22 19:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/01/22 10:00	08/01/22 19:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/01/22 10:00	08/01/22 19:46	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/01/22 10:00	08/01/22 19:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/01/22 10:00	08/01/22 19:46	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/01/22 10:00	08/01/22 19:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				08/01/22 10:00	08/01/22 19:46	

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Lab Sample ID: 890-2688-12

Matrix: Solid

Client: H & R Enterprises

Client Sample ID: S-12

Date Collected: 07/29/22 00:00

Date Received: 07/29/22 13:05

Project/Site: (CB) CottonBerry 20 Fed 5H 6H

Lab Sample ID: 890-2688-12

Job ID: 890-2688-1

08/01/22 09:04

08/01/22 09:04

08/01/22 16:40

08/01/22 16:40

Matrix: Solid

Matrix: Solid

Sample Depth: 3

Method: 8021B - Volatile Or	ganic Compounds	(GC)	(Continued))
	3	(/	(

Surrogate	%Recovery Qu	ualifier Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	99	70 - 130	08/01/22 10:00	08/01/22 19:46	1

Method: To	ntal RTFY.	Total BTEX	Calculation
mictilou. It	Jiai Di La	TOTAL DIEX	Odiculation

Analyte	Result (Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			08/02/22 10:55	1

Mothod: 9015 NM - Diocol Pango Oro	rapice (DPO) (CC)

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9 U	49.9	ma/Ka		 	08/01/22 16:58	1

Method: 8015B	NM - Diesel	Range Ord	anics	(DRO)	(GC)
motilioa. oo lob	THE DIGGGE	Trange Or	garnos	(5.10)	100)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		08/01/22 09:04	08/01/22 16:40	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.9	U	49.9		mg/Kg		08/01/22 09:04	08/01/22 16:40	1
C10-C28)									
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/01/22 09:04	08/01/22 16:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac

1-Chlorooctane	82	70 - 130
o-Terphenyl	96	70 - 130

Method: 300.0 - Anions, Ion Chromatogr	aphy - Soluble						
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac

Chloride	119	4.97	mg/Kg	08/01/22 19:13	1

Client Sample ID: S-13 Lab Sample ID: 890-2688-13

Date Collected: 07/29/22 00:00 Date Received: 07/29/22 13:05

Sample Depth: 3

Method: 8021B -	Volatile Organ	ic Compounds	s (GC)
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	()							
Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<0.00199	U	0.00199		mg/Kg		08/01/22 10:00	08/01/22 20:07	1
<0.00199	U	0.00199		mg/Kg		08/01/22 10:00	08/01/22 20:07	1
< 0.00199	U	0.00199		mg/Kg		08/01/22 10:00	08/01/22 20:07	1
<0.00398	U	0.00398		mg/Kg		08/01/22 10:00	08/01/22 20:07	1
<0.00199	U	0.00199		mg/Kg		08/01/22 10:00	08/01/22 20:07	1
<0.00398	U	0.00398		mg/Kg		08/01/22 10:00	08/01/22 20:07	1
%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
66	S1-	70 - 130				08/01/22 10:00	08/01/22 20:07	1
98		70 - 130				08/01/22 10:00	08/01/22 20:07	1
	Result <0.00199 <0.00199 <0.00199 <0.00398 <0.00398 <0.00398 **Recovery** 66		Result Qualifier RL <0.00199	Result Qualifier RL MDL <0.00199	Result Qualifier RL MDL Unit <0.00199	Result Qualifier RL MDL Unit D <0.00199	Result Qualifier RL MDL Unit D Prepared <0.00199	Result Qualifier RL MDL Unit D Prepared Analyzed <0.00199 U

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	< 0.00398	U	0.00398		ma/Ka			08/02/22 10:55	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC	Method: 8015 NM -	- Diesel Range	Organics (DRO)	(GC
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Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9 U	49.9	mg/Kg			08/01/22 16:58	1

Eurofins Carlsbad

8/2/2022

Client: H & R Enterprises

Project/Site: (CB) CottonBerry 20 Fed 5H 6H

Lab Sample ID: 890-2688-13

Client Sample ID: S-13

Date Collected: 07/29/22 00:00 Date Received: 07/29/22 13:05

Matrix: Solid

Job ID: 890-2688-1

Sample Depth: 3

Method: 8015B NM - Diesel Rang	le Organics (Di	RU) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		08/01/22 08:56	08/01/22 12:41	
(GRO)-C6-C10	.40.0		40.0		11.6		00/04/00 00 50	00/04/00 40 44	
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/01/22 08:56	08/01/22 12:41	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/01/22 08:56	08/01/22 12:41	,
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	88		70 - 130				08/01/22 08:56	08/01/22 12:41	
o-Terphenyl	104		70 - 130				08/01/22 08:56	08/01/22 12:41	1
Method: 300.0 - Anions, Ion Chro	matography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.4		4.96		mg/Kg			08/01/22 16:13	

Lab Sample ID: 890-2688-14 Client Sample ID: S-14

Date Collected: 07/29/22 00:00 Matrix: Solid

Date Received: 07/29/22 13:05

Sample Depth: 3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/01/22 10:00	08/01/22 20:27	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/01/22 10:00	08/01/22 20:27	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/01/22 10:00	08/01/22 20:27	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/01/22 10:00	08/01/22 20:27	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/01/22 10:00	08/01/22 20:27	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/01/22 10:00	08/01/22 20:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				08/01/22 10:00	08/01/22 20:27	1
1,4-Difluorobenzene (Surr)	97		70 - 130				08/01/22 10:00	08/01/22 20:27	1
Method: Total BTEX - Total BTEX	Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/02/22 10:55	1
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/01/22 16:58	1
Method: 8015B NM - Diesel Rang	e Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/01/22 08:56	08/01/22 13:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/01/22 08:56	08/01/22 13:03	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/01/22 08:56	08/01/22 13:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				08/01/22 08:56	08/01/22 13:03	1
o-Terphenyl	108		70 - 130				08/01/22 08:56	08/01/22 13:03	1

Eurofins Carlsbad

Client: H & R Enterprises

Client Sample ID: S-14

Project/Site: (CB) CottonBerry 20 Fed 5H 6H

Job ID: 890-2688-1

Lab Sample ID: 890-2688-14

Matrix: Solid

Date Collected: 07/29/22 00:00 Date Received: 07/29/22 13:05

Sample Depth: 3

Method: 300.0 - Anions, Ion Chrom	atography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	88.9		4.95		mg/Kg			08/01/22 16:40	1

Lab Sample ID: 890-2688-15 Client Sample ID: SW-1 Matrix: Solid

Date Collected: 07/29/22 00:00

Date Received: 07/29/22 13:05

Sample Depth: 3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/01/22 10:00	08/01/22 20:47	
Toluene	<0.00201	U	0.00201		mg/Kg		08/01/22 10:00	08/01/22 20:47	
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/01/22 10:00	08/01/22 20:47	
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/01/22 10:00	08/01/22 20:47	
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/01/22 10:00	08/01/22 20:47	
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/01/22 10:00	08/01/22 20:47	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	101		70 - 130				08/01/22 10:00	08/01/22 20:47	
1,4-Difluorobenzene (Surr)	100		70 - 130				08/01/22 10:00	08/01/22 20:47	
Method: Total BTEX - Total BTEX	Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/02/22 10:55	
Method: 8015 NM - Diesel Range	•	O) (GC) Qualifier	RL	MDL	I I m i 4	D	Duamanad	Analysed	Dil Fa
Analyte Total TPH			49.8	MDL			Prepared	Analyzed 08/01/22 16:58	Dii Fa
TOTAL TPH	\49.0	U	49.0		mg/Kg			00/01/22 10.50	
Method: 8015B NM - Diesel Rang	ge Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/01/22 08:56	08/01/22 13:25	
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/01/22 08:56	08/01/22 13:25	
Oll Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/01/22 08:56	08/01/22 13:25	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	98		70 - 130				08/01/22 08:56	08/01/22 13:25	
o-Terphenyl	113		70 - 130				08/01/22 08:56	08/01/22 13:25	
Method: 300.0 - Anions, Ion Chro									
Analyte	Result	Qualifier	RL	MDL		D	Prepared	Analyzed	Dil Fa
Chloride	309		25.3		mg/Kg			08/01/22 16:50	

Eurofins Carlsbad

8/2/2022

Client: H & R Enterprises

Project/Site: (CB) CottonBerry 20 Fed 5H 6H

Lab Sample ID: 890-2688-16

Matrix: Solid

Job ID: 890-2688-1

Client Sample ID: SW-2 Date Collected: 07/29/22 00:00 Date Received: 07/29/22 13:05

Sample Depth: 3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/01/22 10:00	08/01/22 21:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/01/22 10:00	08/01/22 21:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/01/22 10:00	08/01/22 21:08	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/01/22 10:00	08/01/22 21:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/01/22 10:00	08/01/22 21:08	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/01/22 10:00	08/01/22 21:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				08/01/22 10:00	08/01/22 21:08	1
1,4-Difluorobenzene (Surr)	96		70 - 130				08/01/22 10:00	08/01/22 21:08	1
Method: Total BTEX - Total BTEX	X Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/02/22 10:55	1
Mathadi 2015 NM Diagal Dansa	o Overenies (DD	0) (00)							
Method: 8015 NM - Diesel Range Analyte	•	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
			KL	MIDE	OIIII	U	riepaieu	Allalyzeu	DIIFac
Total TDU	<50.0	11	50.0		malka			08/01/22 16:58	
Total TPH	<50.0	U	50.0		mg/Kg			08/01/22 16:58	1
Total TPH : Method: 8015B NM - Diesel Rang			50.0		mg/Kg			08/01/22 16:58	1
- -	ge Organics (D		50.0 RL	MDL			Prepared	08/01/22 16:58 Analyzed	·
Method: 8015B NM - Diesel Ran	ge Organics (D	RO) (GC) Qualifier		MDL		D	Prepared 08/01/22 08:56		·
Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	ge Organics (D Result	RO) (GC) Qualifier	RL	MDL	Unit	<u>D</u>	<u>.</u>	Analyzed	Dil Fac
Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10	ge Organics (D Result <50.0	RO) (GC) Qualifier U	RL	MDL	Unit mg/Kg	<u>D</u>	08/01/22 08:56	Analyzed 08/01/22 13:47	Dil Fac
Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	ge Organics (D Result <50.0	RO) (GC) Qualifier U U	RL 50.0	MDL	Unit mg/Kg mg/Kg	<u>D</u>	08/01/22 08:56 08/01/22 08:56	Analyzed 08/01/22 13:47	
Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	ge Organics (D Result <50.0 <50.0	RO) (GC) Qualifier U U	RL 50.0 50.0 50.0	MDL	Unit mg/Kg mg/Kg	<u>D</u>	08/01/22 08:56 08/01/22 08:56 08/01/22 08:56	Analyzed 08/01/22 13:47 08/01/22 13:47 08/01/22 13:47	Dil Fac 1 1
Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	ge Organics (D Result <50.0 <50.0 <50.0	RO) (GC) Qualifier U U		MDL	Unit mg/Kg mg/Kg	D	08/01/22 08:56 08/01/22 08:56 08/01/22 08:56 Prepared	Analyzed 08/01/22 13:47 08/01/22 13:47 08/01/22 13:47 Analyzed	Dil Fac
Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	ge Organics (D Result <50.0 <50.0 <50.0 <80.0 %Recovery 91 108	RO) (GC) Qualifier U U Qualifier	RL 50.0 50.0 50.0 50.0 Limits 70 - 130	MDL	Unit mg/Kg mg/Kg	<u>D</u>	08/01/22 08:56 08/01/22 08:56 08/01/22 08:56 Prepared 08/01/22 08:56	Analyzed 08/01/22 13:47 08/01/22 13:47 08/01/22 13:47 Analyzed 08/01/22 13:47	Dil Fac 1 1 1 Dil Fac
Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	ge Organics (D Result <50.0 <50.0 <50.0 **Recovery 91 108 omatography -	RO) (GC) Qualifier U U Qualifier	RL 50.0 50.0 50.0 50.0 Limits 70 - 130	MDL	Unit mg/Kg mg/Kg mg/Kg	<u>D</u>	08/01/22 08:56 08/01/22 08:56 08/01/22 08:56 Prepared 08/01/22 08:56	Analyzed 08/01/22 13:47 08/01/22 13:47 08/01/22 13:47 Analyzed 08/01/22 13:47	Dil Fac 1 1 1 Dil Fac 1

Client Sample ID: SW-3

Date Collected: 07/29/22 00:00 Date Received: 07/29/22 13:05

Sample Depth: 3

Lab Sample ID: 890-2688-17

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/01/22 10:00	08/01/22 21:28	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/01/22 10:00	08/01/22 21:28	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/01/22 10:00	08/01/22 21:28	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/01/22 10:00	08/01/22 21:28	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/01/22 10:00	08/01/22 21:28	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/01/22 10:00	08/01/22 21:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				08/01/22 10:00	08/01/22 21:28	1

Client: H & R Enterprises

Project/Site: (CB) CottonBerry 20 Fed 5H 6H

Lab Sample ID: 890-2688-17

08/01/22 08:56

08/01/22 14:08

Matrix: Solid

Matrix: Solid

Job ID: 890-2688-1

Date Collected: 07/29/22 00:00 Date Received: 07/29/22 13:05

Client Sample ID: SW-3

Sample Depth: 3

Method: 8021B - Volatile Organic Compo	ounds (GC)	(Continued)
motification to a gaine compa	Julius (33)	(Continuou,

Surrogate	%Recovery Qu	ualifier Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	99	70 - 130	08/01/22 10:00	08/01/22 21:28	1

ı	Mothodi	Total DTEV	- Total BTEX	Coloulation
ı	wethou.	TOTAL DIEV	- IUIAI DIEA	Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	כ	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg		_	08/02/22 10:55	1

ı					
ı	Method: 8015 NM - Γ	ligeal Range (Irganice	(DRO) (G	C

Analyte	Result Qua	alifier RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8 U	49.8	mg/Kg			08/01/22 16:58	1

Method: 8015B NM - Diese	I Range Organics (D	RO) (GC)
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Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/01/22 08:56	08/01/22 14:08	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/01/22 08:56	08/01/22 14:08	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/01/22 08:56	08/01/22 14:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				08/01/22 08:56	08/01/22 14:08	1

1-Chlorooctane	86	70 - 130
o-Terphenyl	96	70 - 130

Method: 300.0 - Anions, Ion Chromatography - Soluble										
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Chloride	78.1		5.04		mg/Kg			08/01/22 17:08	1

Chloride 78.1

Client Sample ID: SW-4 Lab Sample ID: 890-2688-18

Date Collected: 07/29/22 00:00 Date Received: 07/29/22 13:05

Sample Depth: 3

Mothod: 9021D	Volatila Organia	Compounds (GC)
I WIELIIOU. OUZ ID '	• voiatile Organic	Compounds (GC)

_	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	•							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/01/22 10:00	08/01/22 21:49	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/01/22 10:00	08/01/22 21:49	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/01/22 10:00	08/01/22 21:49	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/01/22 10:00	08/01/22 21:49	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/01/22 10:00	08/01/22 21:49	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/01/22 10:00	08/01/22 21:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				08/01/22 10:00	08/01/22 21:49	1
1,4-Difluorobenzene (Surr)	102		70 - 130				08/01/22 10:00	08/01/22 21:49	1

Mothod:	Total RT	EY - Tota	I DTEY	Calculation

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			08/02/22 10:55	1

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			08/01/22 16:58	1

Client: H & R Enterprises

Project/Site: (CB) CottonBerry 20 Fed 5H 6H

Job ID: 890-2688-1

Lab Sample ID: 890-2688-18

Matrix: Solid

Date Collected: 07/29/22 00:00 Date Received: 07/29/22 13:05

Client Sample ID: SW-4

Sample Depth: 3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/01/22 08:56	08/01/22 14:30	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/01/22 08:56	08/01/22 14:30	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/01/22 08:56	08/01/22 14:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				08/01/22 08:56	08/01/22 14:30	1
o-Terphenyl	106		70 - 130				08/01/22 08:56	08/01/22 14:30	1
Method: 300.0 - Anions, Ion Chro	omatography -	Soluble							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

Lab Sample ID: 890-2688-19 Client Sample ID: BG-1 Matrix: Solid

Date Collected: 07/29/22 00:00 Date Received: 07/29/22 13:05

Sample Depth: 3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/01/22 10:00	08/01/22 22:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/01/22 10:00	08/01/22 22:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/01/22 10:00	08/01/22 22:09	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/01/22 10:00	08/01/22 22:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/01/22 10:00	08/01/22 22:09	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/01/22 10:00	08/01/22 22:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				08/01/22 10:00	08/01/22 22:09	1
1,4-Difluorobenzene (Surr)	93		70 - 130				08/01/22 10:00	08/01/22 22:09	1
Method: Total BTEX - Total BTEX	Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/02/22 10:55	1
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/01/22 16:58	1
Method: 8015B NM - Diesel Rang	e Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/01/22 08:56	08/01/22 14:52	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/01/22 08:56	08/01/22 14:52	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/01/22 08:56	08/01/22 14:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				08/01/22 08:56	08/01/22 14:52	1
	99		70 ₋ 130				08/01/22 08:56	08/01/22 14:52	

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Released to Imaging: 8/22/2022 1:58:09 PM

Client: H & R Enterprises

Project/Site: (CB) CottonBerry 20 Fed 5H 6H

Job ID: 890-2688-1

Client Sample ID: BG-1

Date Collected: 07/29/22 00:00 Date Received: 07/29/22 13:05 Lab Sample ID: 890-2688-19 Matrix: Solid

Sample Depth: 3

Analyte

Method: 300.0 - Anions, Ion Chromatography - Soluble											
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac		
Chloride	10.2		4.99		mg/Kg			08/01/22 17:26	1		

Client Sample ID: BG-2 Lab Sample ID: 890-2688-20

Date Collected: 07/29/22 00:00 Date Received: 07/29/22 13:05

Method: Total BTEX - Total BTEX Calculation

Matrix: Solid

Analyzed

Sample Depth: 3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/01/22 10:00	08/01/22 22:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/01/22 10:00	08/01/22 22:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/01/22 10:00	08/01/22 22:30	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/01/22 10:00	08/01/22 22:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/01/22 10:00	08/01/22 22:30	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/01/22 10:00	08/01/22 22:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				08/01/22 10:00	08/01/22 22:30	1
1,4-Difluorobenzene (Surr)	98		70 - 130				08/01/22 10:00	08/01/22 22:30	1

Total BTEX	<0.00401	U	0.00401		mg/Kg			08/02/22 10:55	1
Method: 8015 NM - Diesel Range	Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/01/22 16:58	1
Method: 8015B NM - Diesel Rang	e Organics (D	RO) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		08/01/22 08:56	08/01/22 15:13	1

MDL Unit

Prepared

Result Qualifier

(GRO)-C6-C10							
Diesel Range Organics (Over	<50.0	U	50.0	mg/Kg	08/01/22 08:56	08/01/22 15:13	1
C10-C28)							
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg	08/01/22 08:56	08/01/22 15:13	1
Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130		08/01/22 08:56	08/01/22 15:13	1
o-Terphenyl	91		70 - 130		08/01/22 08:56	08/01/22 15:13	1

Method: 300.0 - Anions, Ion Chron	natography -	Soluble								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Pi	repared	Analyzed	Dil Fac
Chloride	7.53		4.99		mg/Kg				08/01/22 17:36	1

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Dil Fac

Client: H & R Enterprises

Project/Site: (CB) CottonBerry 20 Fed 5H 6H

Lab Sample ID: 890-2688-21

Job ID: 890-2688-1

Matrix: Solid

Client Sample ID: BG-3

Date Collected: 07/29/22 00:00 Date Received: 07/29/22 13:05

Sample Depth: 3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/01/22 10:00	08/01/22 22:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/01/22 10:00	08/01/22 22:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/01/22 10:00	08/01/22 22:50	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/01/22 10:00	08/01/22 22:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/01/22 10:00	08/01/22 22:50	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/01/22 10:00	08/01/22 22:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				08/01/22 10:00	08/01/22 22:50	1
1,4-Difluorobenzene (Surr)	99		70 - 130				08/01/22 10:00	08/01/22 22:50	1
Method: Total BTEX - Total BTE	X Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/02/22 10:55	1
Analyta									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<u> </u>	Result < 50.0			MDL	mg/Kg	D	Prepared	Analyzed 08/01/22 16:58	
Total TPH	<50.0	U		MDL		<u>D</u>	Prepared		
Total TPH	<50.0	U				<u>D</u>	Prepared Prepared		1
Total TPH Method: 8015B NM - Diesel Range	<50.0	RO) (GC) Qualifier	50.0		mg/Kg	=		08/01/22 16:58	Dil Fac
Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	<50.0 ge Organics (D	RO) (GC) Qualifier	50.0		mg/Kg	=	Prepared	08/01/22 16:58 Analyzed	Dil Fac
Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10	<50.0 ge Organics (Di Result <50.0	U RO) (GC) Qualifier U	50.0 RL 50.0		mg/Kg Unit mg/Kg	=	Prepared 08/01/22 08:56	08/01/22 16:58 Analyzed 08/01/22 15:35	Dil Fac
Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	<50.0 ge Organics (Di Result <50.0 <50.0	U RO) (GC) Qualifier U U	50.0 RL 50.0 50.0		mg/Kg Unit mg/Kg mg/Kg	=	Prepared 08/01/22 08:56 08/01/22 08:56	08/01/22 16:58 Analyzed 08/01/22 15:35 08/01/22 15:35	Dil Fac
Total TPH Method: 8015B NM - Diesel Rang Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	<50.0 ge Organics (D) Result <50.0 <50.0 <50.0	U RO) (GC) Qualifier U U	50.0 RL 50.0 50.0 50.0		mg/Kg Unit mg/Kg mg/Kg	=	Prepared 08/01/22 08:56 08/01/22 08:56 08/01/22 08:56	08/01/22 16:58 Analyzed 08/01/22 15:35 08/01/22 15:35 08/01/22 15:35	Dil Face 1 1 1 Dil Face
Total TPH Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	<50.0 ge Organics (D) Result <50.0 <50.0 <50.0 %Recovery	U RO) (GC) Qualifier U U	50.0 RL 50.0 50.0 50.0 Limits		mg/Kg Unit mg/Kg mg/Kg	=	Prepared 08/01/22 08:56 08/01/22 08:56 08/01/22 08:56 Prepared	08/01/22 16:58 Analyzed 08/01/22 15:35 08/01/22 15:35 08/01/22 15:35 Analyzed	Dil Fac
Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	<50.0 ge Organics (D) Result <50.0 <50.0 <50.0 <50.0 <8ecovery 90 100	U RO) (GC) Qualifier U U Qualifier	50.0 RL 50.0 50.0 50.0 Limits 70 - 130		mg/Kg Unit mg/Kg mg/Kg	=	Prepared 08/01/22 08:56 08/01/22 08:56 08/01/22 08:56 Prepared 08/01/22 08:56	08/01/22 16:58 Analyzed 08/01/22 15:35 08/01/22 15:35 08/01/22 15:35 Analyzed 08/01/22 15:35	Dil Fac
Total TPH Method: 8015B NM - Diesel Range Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	<50.0 ge Organics (D) Result <50.0 <50.0 <50.0 <50.0 $%Recovery 90 100 omatography -$	U RO) (GC) Qualifier U U Qualifier	50.0 RL 50.0 50.0 50.0 Limits 70 - 130	MDL	mg/Kg Unit mg/Kg mg/Kg	=	Prepared 08/01/22 08:56 08/01/22 08:56 08/01/22 08:56 Prepared 08/01/22 08:56	08/01/22 16:58 Analyzed 08/01/22 15:35 08/01/22 15:35 08/01/22 15:35 Analyzed 08/01/22 15:35	Dil Fac

Client Sample ID: BG-4

Date Collected: 07/29/22 00:00 Date Received: 07/29/22 13:05

Sample Depth: 3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1	0.00200		mg/Kg		08/01/22 10:04	08/01/22 23:07	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		08/01/22 10:04	08/01/22 23:07	1
Ethylbenzene	<0.00200	U F1	0.00200		mg/Kg		08/01/22 10:04	08/01/22 23:07	1
m-Xylene & p-Xylene	<0.00399	U F1	0.00399		mg/Kg		08/01/22 10:04	08/01/22 23:07	1
o-Xylene	0.00202	F1	0.00200		mg/Kg		08/01/22 10:04	08/01/22 23:07	1
Xylenes, Total	<0.00399	U F1	0.00399		mg/Kg		08/01/22 10:04	08/01/22 23:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130				08/01/22 10:04	08/01/22 23:07	

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Matrix: Solid

Lab Sample ID: 890-2688-22

Client: H & R Enterprises

Project/Site: (CB) CottonBerry 20 Fed 5H 6H

Job ID: 890-2688-1

Lab Sample ID: 890-2688-22

08/01/22 13:25

Matrix: Solid

Date Collected: 07/29/22 00:00 Date Received: 07/29/22 13:05

Client Sample ID: BG-4

Sample Depth: 3

Chloride

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1,4-Difluorobenzene (Surr)	94		70 - 130				08/01/22 10:04	08/01/22 23:07	
Method: Total BTEX - Total BTE	X Calculation								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/02/22 10:55	
Method: 8015 NM - Diesel Rang	e Organics (DR	O) (GC)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	<50.0	U	50.0		mg/Kg			08/01/22 16:58	
Method: 8015B NM - Diesel Rar	nge Organics (D	RO) (GC)							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		08/01/22 08:56	08/01/22 16:19	
GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		08/01/22 08:56	08/01/22 16:19	
C10-C28)									
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/01/22 08:56	08/01/22 16:19	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
I-Chlorooctane	84		70 - 130				08/01/22 08:56	08/01/22 16:19	
p-Terphenyl	93		70 - 130				08/01/22 08:56	08/01/22 16:19	

4.97

mg/Kg

16.9

Surrogate Summary

Client: H & R Enterprises Job ID: 890-2688-1

Project/Site: (CB) CottonBerry 20 Fed 5H 6H

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits
		BFB1	DFBZ1	
ab Sample ID	Client Sample ID	(70-130)	(70-130)	
90-2688-1	S-1	110	88	
90-2688-2	S-2	134 S1+	117	
90-2688-3	S-3	308 S1+	241 S1+	
90-2688-4	S-4	119	105	
90-2688-5	S-5	104	88	
90-2688-6	S-6	91	83	
90-2688-7	S-7	100	94	
90-2688-8	S-8	82	101	
90-2688-9	S-9	83	100	
90-2688-10	S-10	101	97	
90-2688-11	S-11	101	102	
90-2688-12	S-12	105	99	
90-2688-13	S-13	66 S1-	98	
90-2688-14	S-14	98	97	
90-2688-15	SW-1	101	100	
90-2688-16	SW-2	97	96	
90-2688-17	SW-3	97	99	
90-2688-18	SW-4	103	102	
90-2688-19	BG-1	104	93	
90-2688-20	BG-2	103	98	
90-2688-21	BG-3	104	99	
90-2688-22	BG-4	87	94	
90-2688-22 MS	BG-4	96	93	
90-2688-22 MSD	BG-4	89	83	
CS 880-31029/1-A	Lab Control Sample	110	107	
CS 880-31155/1-A	Lab Control Sample	100	99	
CS 880-31170/1-A	Lab Control Sample	103	100	
CSD 880-31029/2-A	Lab Control Sample Dup	108	95	
CSD 880-31155/2-A	Lab Control Sample Dup	98	96	
CSD 880-31170/2-A	Lab Control Sample Dup	96	94	
1B 880-31029/5-A	Method Blank	95	101	
1B 880-31155/5-A	Method Blank	98	89	
1B 880-31170/5-A	Method Blank	99	83	
Surrogate Legend				

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)						
		1CO1	OTPH1					
Lab Sample ID	Client Sample ID	(70-130)	(70-130)					
890-2688-1	S-1	85	89					
890-2688-1 MS	S-1	70	66 S1-					
890-2688-1 MSD	S-1	76	73					
890-2688-2	S-2	72	80					
890-2688-3	S-3	78	90					
890-2688-4	S-4	80	90					

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DFBZ = 1,4-Difluorobenzene (Surr)

Surrogate Summary

Client: H & R Enterprises Job ID: 890-2688-1

Project/Site: (CB) CottonBerry 20 Fed 5H 6H

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limit
		1001	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
890-2688-5	S-5	84	93	
890-2688-6	S-6	88	95	
890-2688-7	S-7	84	94	
390-2688-8	S-8	77	86	
890-2688-9	S-9	85	95	
890-2688-10	S-10	101	115	
390-2688-11	S-11	72	80	
890-2688-12	S-12	82	96	
890-2688-13	S-13	88	104	
390-2688-14	S-14	93	108	
390-2688-15	SW-1	98	113	
390-2688-16	SW-2	91	108	
390-2688-17	SW-3	86	96	
390-2688-18	SW-4	92	106	
390-2688-19	BG-1	90	99	
390-2688-20	BG-2	82	91	
390-2688-21	BG-3	90	100	
890-2688-22	BG-4	84	93	
CS 880-31151/2-A	Lab Control Sample	127	134 S1+	
LCS 880-31153/2-A	Lab Control Sample	86	88	
_CSD 880-31151/3-A	Lab Control Sample Dup	131 S1+	137 S1+	
CSD 880-31153/3-A	Lab Control Sample Dup	81	84	
MB 880-31151/1-A	Method Blank	97	117	
MB 880-31153/1-A	Method Blank	87	105	

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Client: H & R Enterprises

Project/Site: (CB) CottonBerry 20 Fed 5H 6H

Job ID: 890-2688-1

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-31029/5-A

Lab Sample ID: LCS 880-31029/1-A

Matrix: Solid

Analysis Batch: 31185

Client Sample ID: Method Blank

Prep Batch: 31029

Prep Type: Total/NA

	MB	MR							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/29/22 15:35	08/01/22 14:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/29/22 15:35	08/01/22 14:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/29/22 15:35	08/01/22 14:22	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/29/22 15:35	08/01/22 14:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/29/22 15:35	08/01/22 14:22	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/29/22 15:35	08/01/22 14:22	1
	440	440							

MD MD

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	07/29/22 15:35	08/01/22 14:22	1
1,4-Difluorobenzene (Surr)	101		70 - 130	07/29/22 15:35	08/01/22 14:22	1

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 31029

Matrix: Solid Analysis Batch: 31185

	Бріке	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.1130		mg/Kg		113	70 - 130	
Toluene	0.100	0.1180		mg/Kg		118	70 - 130	
Ethylbenzene	0.100	0.1036		mg/Kg		104	70 - 130	
m-Xylene & p-Xylene	0.200	0.2084		mg/Kg		104	70 - 130	
o-Xylene	0.100	0.1214		mg/Kg		121	70 - 130	

LCS LCS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	110	70 - 130
1,4-Difluorobenzene (Surr)	107	70 - 130

Lab Sample ID: LCSD 880-31029/2-A Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Analysis Batch: 31185

					Prep T	ype: To	tal/NA
					Prep	Batch:	31029
CSD	LCSD				%Rec		RPD
esult	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
9354		ma/Ka		94	70 130	19	35

08/01/22 09:07

Analyte	Added	Result	Qualifier Unit	D %Rec	Limits	RPD	Limit
Benzene	0.100	0.09354	mg/Kg	94	70 - 130	19	35
Toluene	0.100	0.1095	mg/Kg	109	70 - 130	8	35
Ethylbenzene	0.100	0.09751	mg/Kg	98	70 - 130	6	35
m-Xylene & p-Xylene	0.200	0.1989	mg/Kg	99	70 - 130	5	35
o-Xylene	0.100	0.1166	mg/Kg	117	70 - 130	4	35

Spike

LCSD LCSD

<0.00200 U

Surrogate	%Recovery Qualifier	· Limits
4-Bromofluorobenzene (Surr)	108	70 - 130
1,4-Difluorobenzene (Surr)	95	70 - 130

Lab Sample ID: MB 880-31155/5-A

Matrix: Solid

Analyte

Benzene

Toluene

Analysis Batch: 31148

Client Sample ID: Method Blank

08/01/22 11:15

Prep Type: Total/NA

Prep Batch: 31155 MB MB Result Qualifier Dil Fac RL MDL Unit Prepared Analyzed 08/01/22 11:15 <0.00200 U 0.00200 08/01/22 09:07 mg/Kg

mg/Kg

Eurofins Carlsbad

0.00200

Client: H & R Enterprises

Project/Site: (CB) CottonBerry 20 Fed 5H 6H

Job ID: 890-2688-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-31155/5-A **Matrix: Solid**

Analysis Batch: 31148

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 31155

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/01/22 09:07	08/01/22 11:15	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/01/22 09:07	08/01/22 11:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/01/22 09:07	08/01/22 11:15	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/01/22 09:07	08/01/22 11:15	1

MB MB

мв мв

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	08/01/22 09:07	08/01/22 11:15	1
1,4-Difluorobenzene (Surr)	89		70 - 130	08/01/22 09:07	08/01/22 11:15	1

Lab Sample ID: LCS 880-31155/1-A

Matrix: Solid

Analysis Batch: 31148

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 31155

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.09936		mg/Kg		99	70 - 130	
Toluene	0.100	0.09630		mg/Kg		96	70 - 130	
Ethylbenzene	0.100	0.09817		mg/Kg		98	70 - 130	
m-Xylene & p-Xylene	0.200	0.1988		mg/Kg		99	70 - 130	
o-Xylene	0.100	0.1075		mg/Kg		107	70 - 130	

LCS LCS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	100	70 - 130
1,4-Difluorobenzene (Surr)	99	70 - 130

Lab Sample ID: LCSD 880-31155/2-A

Matrix: Solid

Analysis Batch: 31148

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 31155

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.09608	-	mg/Kg		96	70 - 130	3	35
Toluene	0.100	0.09311		mg/Kg		93	70 - 130	3	35
Ethylbenzene	0.100	0.09442		mg/Kg		94	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.1886		mg/Kg		94	70 - 130	5	35
o-Xylene	0.100	0.1018		mg/Kg		102	70 - 130	5	35

LCSD LCSD

Surrogate	%Recovery Quali	fier Limits
4-Bromofluorobenzene (Surr)	98	70 - 130
1,4-Difluorobenzene (Surr)	96	70 - 130

Lab Sample ID: MB 880-31170/5-A

Matrix: Solid

Analysis Batch: 31148

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 31170

мв мв

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/01/22 10:04	08/01/22 22:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/01/22 10:04	08/01/22 22:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/01/22 10:04	08/01/22 22:45	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/01/22 10:04	08/01/22 22:45	1

Client: H & R Enterprises

Project/Site: (CB) CottonBerry 20 Fed 5H 6H

Job ID: 890-2688-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-31170/5-A

Matrix: Solid

Analysis Batch: 31148

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 31170

	IVID	MID							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/01/22 10:04	08/01/22 22:45	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/01/22 10:04	08/01/22 22:45	1

MR MR

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	08/01/22 10:04	08/01/22 22:45	1
1,4-Difluorobenzene (Surr)	83		70 - 130	08/01/22 10:04	08/01/22 22:45	1

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 880-31170/1-A **Matrix: Solid**

Analysis Batch: 31148

Prep Type: Total/NA

Prep Batch: 31170

	эріке	LCS	LUS				70Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.1033		mg/Kg		103	70 - 130	
Toluene	0.100	0.09939		mg/Kg		99	70 - 130	
Ethylbenzene	0.100	0.1006		mg/Kg		101	70 - 130	
m-Xylene & p-Xylene	0.200	0.2046		mg/Kg		102	70 - 130	
o-Xylene	0.100	0.1127		mg/Kg		113	70 - 130	

LCS LCS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	103	70 - 130
1,4-Difluorobenzene (Surr)	100	70 - 130

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 31170

Matrix: Solid **Analysis Batch: 31148**

Lab Sample ID: LCSD 880-31170/2-A

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.09968		mg/Kg		100	70 - 130	4	35
Toluene	0.100	0.1000		mg/Kg		100	70 - 130	1	35
Ethylbenzene	0.100	0.1019		mg/Kg		102	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.2054		mg/Kg		103	70 - 130	0	35
o-Xylene	0.100	0.1112		mg/Kg		111	70 - 130	1	35

LCSD LCSD

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	96	70 - 130
1.4-Difluorobenzene (Surr)	94	70 - 130

Lab Sample ID: 890-2688-22 MS

Matrix: Solid

Analysis Batch: 31148

Client Sample ID: BG-4 Prep Type: Total/NA

Prep Batch: 31170

,										
	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00200	U F1	0.0998	0.01203	F1	mg/Kg		12	70 - 130	
Toluene	<0.00200	U F1	0.0998	0.01160	F1	mg/Kg		11	70 - 130	
Ethylbenzene	<0.00200	U F1	0.0998	0.01504	F1	mg/Kg		13	70 - 130	
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.03299	F1	mg/Kg		15	70 - 130	
o-Xylene	0.00202	F1	0.0998	0.02103	F1	mg/Kg		19	70 - 130	

Client: H & R Enterprises

Project/Site: (CB) CottonBerry 20 Fed 5H 6H

Job ID: 890-2688-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-2688-22 MS

Matrix: Solid

Analysis Batch: 31148

Client Sample ID: BG-4 Prep Type: Total/NA

Prep Batch: 31170

MS MS Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 96 70 - 130 1,4-Difluorobenzene (Surr) 93 70 - 130

Lab Sample ID: 890-2688-22 MSD Client Sample ID: BG-4

Matrix: Solid

Analysis Batch: 31148

Prep Type: Total/NA Prep Batch: 31170

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00200	U F1	0.100	0.01183	F1	mg/Kg		12	70 - 130	2	35
Toluene	<0.00200	U F1	0.100	0.01270	F1	mg/Kg		12	70 - 130	9	35
Ethylbenzene	<0.00200	U F1	0.100	0.01492	F1	mg/Kg		13	70 - 130	1	35
m-Xylene & p-Xylene	<0.00399	U F1	0.201	0.03131	F1	mg/Kg		14	70 - 130	5	35
o-Xylene	0.00202	F1	0.100	0.01987	F1	mg/Kg		18	70 - 130	6	35

MSD MSD

%Recovery Qualifier Surrogate Limits 4-Bromofluorobenzene (Surr) 89 70 - 130 1,4-Difluorobenzene (Surr) 83 70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-31151/1-A

Matrix: Solid

Analysis Batch: 31144

Client Sample ID: Method Blank

Prep Type: Total/NA Prep Batch: 31151

	MB	MB							
Analyte	Result	Qualifier	RL	MDL U	Jnit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	n	ng/Kg		08/01/22 08:56	08/01/22 10:30	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	n	ng/Kg		08/01/22 08:56	08/01/22 10:30	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	n	mg/Kg		08/01/22 08:56	08/01/22 10:30	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130	08/01/22 08:56	08/01/22 10:30	1
o-Terphenyl	117		70 - 130	08/01/22 08:56	08/01/22 10:30	1

Lab Sample ID: LCS 880-31151/2-A

Matrix: Solid

Analysis Batch: 31144

Client Sample ID: Lab Control Sample

Prep Type: Total/NA Prep Batch: 31151

LCS LCS Spike %Rec Analyte Added Result Qualifier Unit %Rec Limits 1000 918.9 92 70 - 130 Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 1000 982.3 mg/Kg 98 70 - 130

C10-C28)

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	127		70 - 130
o-Terphenyl	134	S1+	70 - 130

Client: H & R Enterprises Job ID: 890-2688-1

Project/Site: (CB) CottonBerry 20 Fed 5H 6H

Lab Sample ID: LCSD 880-31151/3-A

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 31151

Spike LCSD LCSD RPD RPD Limit Analyte Added Result Qualifier Unit %Rec Limits Gasoline Range Organics 1000 959.3 mg/Kg 96 70 - 130 4 20 (GRO)-C6-C10 1000 Diesel Range Organics (Over 1009 mg/Kg 101 70 - 130 3 20

C10-C28)

Matrix: Solid

Analysis Batch: 31144

LCSD LCSD %Recovery Qualifier Limits Surrogate 70 - 130 1-Chlorooctane 131 S1+ o-Terphenyl 137 S1+ 70 - 130

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 31153

Lab Sample ID: MB 880-31153/1-A **Matrix: Solid**

Analysis Batch: 31146

мв мв MDL Unit Analyte Result Qualifier RL D Prepared Analyzed Dil Fac 50.0 08/01/22 09:04 08/01/22 10:30 Gasoline Range Organics <50.0 U mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over <50.0 U 50.0 mg/Kg 08/01/22 09:04 08/01/22 10:30 C10-C28) OII Range Organics (Over C28-C36) <50.0 U 50.0 mg/Kg 08/01/22 09:04 08/01/22 10:30

MB MB

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	87	70 - 130	08/01/22 09:04	08/01/22 10:30	1
o-Terphenyl	105	70 - 130	08/01/22 09:04	08/01/22 10:30	1

Lab Sample ID: LCS 880-31153/2-A

Matrix: Solid

Analysis Batch: 31146

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 31153

LCS LCS Spike %Rec Analyte Added Result Qualifier Unit D %Rec Limits Gasoline Range Organics 1000 944.8 mg/Kg 94 70 - 130 (GRO)-C6-C10 Diesel Range Organics (Over 1000 933.0 mg/Kg 93 70 - 130 C10-C28)

LCS LCS

Surrogate	%Recovery Qualifier	Limits
1-Chlorooctane	86	70 - 130
o-Terphenyl	88	70 - 130

Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Analysis Batch: 31146

Lab Sample ID: LCSD 880-31153/3-A

Prep Type: Total/NA

Prep Batch: 31153

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	1000	950.5	-	mg/Kg		95	70 - 130	1	20
(GRO)-C6-C10									
Diesel Range Organics (Over	1000	909.9		mg/Kg		91	70 - 130	2	20
C10-C28)									

Client: H & R Enterprises

Project/Site: (CB) CottonBerry 20 Fed 5H 6H

Job ID: 890-2688-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-31153/3-A **Matrix: Solid**

Analysis Batch: 31146

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 31153

LCSD LCSD %Recovery Qualifier Surrogate Limits 1-Chlorooctane 81 70 - 130 o-Terphenyl 84 70 - 130

Lab Sample ID: 890-2688-1 MS Client Sample ID: S-1

Matrix: Solid Prep Type: Total/NA Analysis Batch: 31146 Prep Batch: 31153

Sample Sample Spike MS MS %Rec Qualifier Analyte Result Qualifier Added Result Unit D %Rec Limits <49.9 U 999 863.1 86 70 - 130Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 999 728.0 71 <49.9 U mg/Kg 70 - 130C10-C28)

MS MS %Recovery Surrogate Qualifier Limits 70 - 130 1-Chlorooctane 70 66 S1-70 - 130 o-Terphenyl

Lab Sample ID: 890-2688-1 MSD

Matrix: Solid

Analysis Batch: 31146

Prep Type: Total/NA Prep Batch: 31153 Sample Sample MSD MSD Spike

Added Analyte Result Qualifier Result Qualifier Unit %Rec Limits RPD Limit D Gasoline Range Organics <49.9 U 999 901.6 mg/Kg 90 70 - 130 4 20 (GRO)-C6-C10 Diesel Range Organics (Over <49.9 U 999 801.4 mg/Kg 78 70 - 130 10 20 C10-C28)

MSD MSD %Recovery Qualifier Surrogate Limits 70 - 130 1-Chlorooctane 76 70 - 130 o-Terphenyl 73

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-31186/1-A Client Sample ID: Method Blank **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 31226

MB MB Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Chloride <5.00 U 5.00 mg/Kg 08/01/22 12:30

Lab Sample ID: LCS 880-31186/2-A **Client Sample ID: Lab Control Sample Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 31226

Released to Imaging: 8/22/2022 1:58:09 PM

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	250	256.3		mg/Kg		103	90 - 110	

Eurofins Carlsbad

Client Sample ID: S-1

Job ID: 890-2688-1 Client: H & R Enterprises

Project/Site: (CB) CottonBerry 20 Fed 5H 6H

Lab Sample ID: LCSD 880-31186/3-A

Method: 300.0 - Anions, Ion Chromatography (Continued)

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analysis Batch: 31226

Matrix: Solid

Spike LCSD LCSD RPD %Rec Analyte Added Result Qualifier Unit D %Rec Limits RPD Limit Chloride 250 256.8 mg/Kg 103 90 - 110 20

Lab Sample ID: MB 880-31187/1-A Client Sample ID: Method Blank **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 31227

мв мв

MDL Unit Analyte Result Qualifier RL D Prepared Analyzed Dil Fac Chloride <5.00 ш 5.00 mg/Kg 08/01/22 12:59

Lab Sample ID: LCS 880-31187/2-A Client Sample ID: Lab Control Sample **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 31227

LCS LCS Spike %Rec Analyte Added Result Qualifier Unit %Rec Limits Chloride 260.6 250 mg/Kg 104 90 - 110

Lab Sample ID: LCSD 880-31187/3-A Client Sample ID: Lab Control Sample Dup **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 31227

LCSD LCSD RPD Spike %Rec Result Qualifier Added %Rec RPD Limit Analyte Unit D Limits Chloride 250 249.3 100 90 - 110 20 mg/Kg

Lab Sample ID: 890-2688-1 MS Client Sample ID: S-1 **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 31227

Sample Sample Spike MS MS %Rec Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits Chloride 60.3 251 302.0 mg/Kg 96 90 - 110

Lab Sample ID: 890-2688-1 MSD Client Sample ID: S-1 Matrix: Solid **Prep Type: Soluble**

Analysis Batch: 31227

Sample Sample Spike MSD MSD %Rec RPD Result Qualifier Added %Rec RPD Analyte Result Qualifier Unit D Limits Limit Chloride 60.3 251 302.8 mg/Kg 97 90 - 110 20

Lab Sample ID: 890-2688-11 MS Client Sample ID: S-11 **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 31227

MS MS %Rec Sample Sample Spike Result Qualifier hahhΔ Analyte Result Qualifier Limits Unit D %Rec Chloride 63.5 F1 252 278.0 F1 mg/Kg 85 90 - 110

Lab Sample ID: 890-2688-11 MSD Client Sample ID: S-11 **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 31227

Released to Imaging: 8/22/2022 1:58:09 PM

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	63.5	F1	252	278.3	F1	mg/Kg		85	90 - 110	0	20

Client: H & R Enterprises Job ID: 890-2688-1 Project/Site: (CB) CottonBerry 20 Fed 5H 6H

GC VOA

Prep Batch: 31029

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2688-7	S-7	Total/NA	Solid	5035	
890-2688-8	S-8	Total/NA	Solid	5035	
890-2688-9	S-9	Total/NA	Solid	5035	
890-2688-10	S-10	Total/NA	Solid	5035	
890-2688-11	S-11	Total/NA	Solid	5035	
890-2688-12	S-12	Total/NA	Solid	5035	
890-2688-13	S-13	Total/NA	Solid	5035	
890-2688-14	S-14	Total/NA	Solid	5035	
890-2688-15	SW-1	Total/NA	Solid	5035	
890-2688-16	SW-2	Total/NA	Solid	5035	
890-2688-17	SW-3	Total/NA	Solid	5035	
890-2688-18	SW-4	Total/NA	Solid	5035	
890-2688-19	BG-1	Total/NA	Solid	5035	
890-2688-20	BG-2	Total/NA	Solid	5035	
890-2688-21	BG-3	Total/NA	Solid	5035	
MB 880-31029/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-31029/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-31029/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 31148

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2688-1	S-1	Total/NA	Solid	8021B	31155
890-2688-2	S-2	Total/NA	Solid	8021B	31155
890-2688-3	S-3	Total/NA	Solid	8021B	31155
890-2688-4	S-4	Total/NA	Solid	8021B	31155
890-2688-5	S-5	Total/NA	Solid	8021B	31155
890-2688-6	S-6	Total/NA	Solid	8021B	31155
890-2688-22	BG-4	Total/NA	Solid	8021B	31170
MB 880-31155/5-A	Method Blank	Total/NA	Solid	8021B	31155
MB 880-31170/5-A	Method Blank	Total/NA	Solid	8021B	31170
LCS 880-31155/1-A	Lab Control Sample	Total/NA	Solid	8021B	31155
LCS 880-31170/1-A	Lab Control Sample	Total/NA	Solid	8021B	31170
LCSD 880-31155/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	31155
LCSD 880-31170/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	31170
890-2688-22 MS	BG-4	Total/NA	Solid	8021B	31170
890-2688-22 MSD	BG-4	Total/NA	Solid	8021B	31170

Prep Batch: 31155

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2688-1	S-1	Total/NA	Solid	5035	
890-2688-2	S-2	Total/NA	Solid	5035	
890-2688-3	S-3	Total/NA	Solid	5035	
890-2688-4	S-4	Total/NA	Solid	5035	
890-2688-5	S-5	Total/NA	Solid	5035	
890-2688-6	S-6	Total/NA	Solid	5035	
MB 880-31155/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-31155/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-31155/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Client: H & R Enterprises

Project/Site: (CB) CottonBerry 20 Fed 5H 6H

Job ID: 890-2688-1

GC VOA

Prep Batch: 31170

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2688-22	BG-4	Total/NA	Solid	5035	
MB 880-31170/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-31170/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-31170/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2688-22 MS	BG-4	Total/NA	Solid	5035	
890-2688-22 MSD	BG-4	Total/NA	Solid	5035	

Analysis Batch: 31185

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2688-7	S-7	Total/NA	Solid	8021B	31029
890-2688-8	S-8	Total/NA	Solid	8021B	31029
890-2688-9	S-9	Total/NA	Solid	8021B	31029
890-2688-10	S-10	Total/NA	Solid	8021B	31029
890-2688-11	S-11	Total/NA	Solid	8021B	31029
890-2688-12	S-12	Total/NA	Solid	8021B	31029
890-2688-13	S-13	Total/NA	Solid	8021B	31029
890-2688-14	S-14	Total/NA	Solid	8021B	31029
890-2688-15	SW-1	Total/NA	Solid	8021B	31029
890-2688-16	SW-2	Total/NA	Solid	8021B	31029
890-2688-17	SW-3	Total/NA	Solid	8021B	31029
890-2688-18	SW-4	Total/NA	Solid	8021B	31029
890-2688-19	BG-1	Total/NA	Solid	8021B	31029
890-2688-20	BG-2	Total/NA	Solid	8021B	31029
890-2688-21	BG-3	Total/NA	Solid	8021B	31029
MB 880-31029/5-A	Method Blank	Total/NA	Solid	8021B	31029
LCS 880-31029/1-A	Lab Control Sample	Total/NA	Solid	8021B	31029
LCSD 880-31029/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	31029

Analysis Batch: 31301

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batc
890-2688-1	S-1	Total/NA	Solid	Total BTEX	
890-2688-2	S-2	Total/NA	Solid	Total BTEX	
890-2688-3	S-3	Total/NA	Solid	Total BTEX	
390-2688-4	S-4	Total/NA	Solid	Total BTEX	
390-2688-5	S-5	Total/NA	Solid	Total BTEX	
390-2688-6	S-6	Total/NA	Solid	Total BTEX	
390-2688-7	S-7	Total/NA	Solid	Total BTEX	
390-2688-8	S-8	Total/NA	Solid	Total BTEX	
390-2688-9	S-9	Total/NA	Solid	Total BTEX	
390-2688-10	S-10	Total/NA	Solid	Total BTEX	
390-2688-11	S-11	Total/NA	Solid	Total BTEX	
390-2688-12	S-12	Total/NA	Solid	Total BTEX	
390-2688-13	S-13	Total/NA	Solid	Total BTEX	
390-2688-14	S-14	Total/NA	Solid	Total BTEX	
390-2688-15	SW-1	Total/NA	Solid	Total BTEX	
390-2688-16	SW-2	Total/NA	Solid	Total BTEX	
390-2688-17	SW-3	Total/NA	Solid	Total BTEX	
390-2688-18	SW-4	Total/NA	Solid	Total BTEX	
390-2688-19	BG-1	Total/NA	Solid	Total BTEX	
90-2688-20	BG-2	Total/NA	Solid	Total BTEX	
390-2688-21	BG-3	Total/NA	Solid	Total BTEX	

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Client: H & R Enterprises

Project/Site: (CB) CottonBerry 20 Fed 5H 6H

Job ID: 890-2688-1

GC VOA (Continued)

Analysis Batch: 31301 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2688-22	BG-4	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 31144

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2688-13	S-13	Total/NA	Solid	8015B NM	31151
890-2688-14	S-14	Total/NA	Solid	8015B NM	31151
890-2688-15	SW-1	Total/NA	Solid	8015B NM	31151
890-2688-16	SW-2	Total/NA	Solid	8015B NM	31151
890-2688-17	SW-3	Total/NA	Solid	8015B NM	31151
890-2688-18	SW-4	Total/NA	Solid	8015B NM	31151
890-2688-19	BG-1	Total/NA	Solid	8015B NM	31151
890-2688-20	BG-2	Total/NA	Solid	8015B NM	31151
890-2688-21	BG-3	Total/NA	Solid	8015B NM	31151
890-2688-22	BG-4	Total/NA	Solid	8015B NM	31151
MB 880-31151/1-A	Method Blank	Total/NA	Solid	8015B NM	31151
LCS 880-31151/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	31151
LCSD 880-31151/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	31151

Analysis Batch: 31146

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2688-1	S-1	Total/NA	Solid	8015B NM	31153
890-2688-2	S-2	Total/NA	Solid	8015B NM	31153
890-2688-3	S-3	Total/NA	Solid	8015B NM	31153
890-2688-4	S-4	Total/NA	Solid	8015B NM	31153
890-2688-5	S-5	Total/NA	Solid	8015B NM	31153
890-2688-6	S-6	Total/NA	Solid	8015B NM	31153
890-2688-7	S-7	Total/NA	Solid	8015B NM	31153
890-2688-8	S-8	Total/NA	Solid	8015B NM	31153
890-2688-9	S-9	Total/NA	Solid	8015B NM	31153
890-2688-10	S-10	Total/NA	Solid	8015B NM	31153
890-2688-11	S-11	Total/NA	Solid	8015B NM	31153
890-2688-12	S-12	Total/NA	Solid	8015B NM	31153
MB 880-31153/1-A	Method Blank	Total/NA	Solid	8015B NM	31153
LCS 880-31153/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	31153
LCSD 880-31153/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	31153
890-2688-1 MS	S-1	Total/NA	Solid	8015B NM	31153
890-2688-1 MSD	S-1	Total/NA	Solid	8015B NM	31153

Prep Batch: 31151

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batc
890-2688-13	S-13	Total/NA	Solid	8015NM Prep	
890-2688-14	S-14	Total/NA	Solid	8015NM Prep	
890-2688-15	SW-1	Total/NA	Solid	8015NM Prep	
890-2688-16	SW-2	Total/NA	Solid	8015NM Prep	
890-2688-17	SW-3	Total/NA	Solid	8015NM Prep	
890-2688-18	SW-4	Total/NA	Solid	8015NM Prep	
890-2688-19	BG-1	Total/NA	Solid	8015NM Prep	
890-2688-20	BG-2	Total/NA	Solid	8015NM Prep	
890-2688-21	BG-3	Total/NA	Solid	8015NM Prep	

Client: H & R Enterprises

Project/Site: (CB) CottonBerry 20 Fed 5H 6H

Job ID: 890-2688-1

GC Semi VOA (Continued)

Prep Batch: 31151 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2688-22	BG-4	Total/NA	Solid	8015NM Prep	
MB 880-31151/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-31151/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-31151/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 31153

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batc
890-2688-1	S-1	Total/NA	Solid	8015NM Prep	
890-2688-2	S-2	Total/NA	Solid	8015NM Prep	
890-2688-3	S-3	Total/NA	Solid	8015NM Prep	
890-2688-4	S-4	Total/NA	Solid	8015NM Prep	
890-2688-5	S-5	Total/NA	Solid	8015NM Prep	
890-2688-6	S-6	Total/NA	Solid	8015NM Prep	
890-2688-7	S-7	Total/NA	Solid	8015NM Prep	
890-2688-8	S-8	Total/NA	Solid	8015NM Prep	
890-2688-9	S-9	Total/NA	Solid	8015NM Prep	
890-2688-10	S-10	Total/NA	Solid	8015NM Prep	
890-2688-11	S-11	Total/NA	Solid	8015NM Prep	
890-2688-12	S-12	Total/NA	Solid	8015NM Prep	
MB 880-31153/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-31153/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-31153/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-2688-1 MS	S-1	Total/NA	Solid	8015NM Prep	
890-2688-1 MSD	S-1	Total/NA	Solid	8015NM Prep	

Analysis Batch: 31229

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batc
890-2688-1	S-1	Total/NA	Solid	8015 NM	
890-2688-2	S-2	Total/NA	Solid	8015 NM	
390-2688-3	S-3	Total/NA	Solid	8015 NM	
390-2688-4	S-4	Total/NA	Solid	8015 NM	
390-2688-5	S-5	Total/NA	Solid	8015 NM	
390-2688-6	S-6	Total/NA	Solid	8015 NM	
90-2688-7	S-7	Total/NA	Solid	8015 NM	
390-2688-8	S-8	Total/NA	Solid	8015 NM	
390-2688-9	S-9	Total/NA	Solid	8015 NM	
90-2688-10	S-10	Total/NA	Solid	8015 NM	
390-2688-11	S-11	Total/NA	Solid	8015 NM	
390-2688-12	S-12	Total/NA	Solid	8015 NM	
90-2688-13	S-13	Total/NA	Solid	8015 NM	
90-2688-14	S-14	Total/NA	Solid	8015 NM	
90-2688-15	SW-1	Total/NA	Solid	8015 NM	
390-2688-16	SW-2	Total/NA	Solid	8015 NM	
390-2688-17	SW-3	Total/NA	Solid	8015 NM	
90-2688-18	SW-4	Total/NA	Solid	8015 NM	
390-2688-19	BG-1	Total/NA	Solid	8015 NM	
90-2688-20	BG-2	Total/NA	Solid	8015 NM	
90-2688-21	BG-3	Total/NA	Solid	8015 NM	
390-2688-22	BG-4	Total/NA	Solid	8015 NM	

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Client: H & R Enterprises

Project/Site: (CB) CottonBerry 20 Fed 5H 6H

Job ID: 890-2688-1

HPLC/IC

Leach Batch: 31186

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2688-21	BG-3	Soluble	Solid	DI Leach	
890-2688-22	BG-4	Soluble	Solid	DI Leach	
MB 880-31186/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-31186/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-31186/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Leach Batch: 31187

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2688-1	S-1	Soluble	Solid	DI Leach	
890-2688-2	S-2	Soluble	Solid	DI Leach	
890-2688-3	S-3	Soluble	Solid	DI Leach	
890-2688-4	S-4	Soluble	Solid	DI Leach	
890-2688-5	S-5	Soluble	Solid	DI Leach	
890-2688-6	S-6	Soluble	Solid	DI Leach	
890-2688-7	S-7	Soluble	Solid	DI Leach	
890-2688-8	S-8	Soluble	Solid	DI Leach	
890-2688-9	S-9	Soluble	Solid	DI Leach	
890-2688-10	S-10	Soluble	Solid	DI Leach	
890-2688-11	S-11	Soluble	Solid	DI Leach	
890-2688-12	S-12	Soluble	Solid	DI Leach	
890-2688-13	S-13	Soluble	Solid	DI Leach	
890-2688-14	S-14	Soluble	Solid	DI Leach	
890-2688-15	SW-1	Soluble	Solid	DI Leach	
890-2688-16	SW-2	Soluble	Solid	DI Leach	
890-2688-17	SW-3	Soluble	Solid	DI Leach	
890-2688-18	SW-4	Soluble	Solid	DI Leach	
890-2688-19	BG-1	Soluble	Solid	DI Leach	
890-2688-20	BG-2	Soluble	Solid	DI Leach	
MB 880-31187/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-31187/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-31187/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-2688-1 MS	S-1	Soluble	Solid	DI Leach	
890-2688-1 MSD	S-1	Soluble	Solid	DI Leach	
890-2688-11 MS	S-11	Soluble	Solid	DI Leach	
890-2688-11 MSD	S-11	Soluble	Solid	DI Leach	

Analysis Batch: 31226

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2688-21	BG-3	Soluble	Solid	300.0	31186
890-2688-22	BG-4	Soluble	Solid	300.0	31186
MB 880-31186/1-A	Method Blank	Soluble	Solid	300.0	31186
LCS 880-31186/2-A	Lab Control Sample	Soluble	Solid	300.0	31186
LCSD 880-31186/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	31186

Analysis Batch: 31227

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2688-1	S-1	Soluble	Solid	300.0	31187
890-2688-2	S-2	Soluble	Solid	300.0	31187
890-2688-3	S-3	Soluble	Solid	300.0	31187
890-2688-4	S-4	Soluble	Solid	300.0	31187
890-2688-5	S-5	Soluble	Solid	300.0	31187

Client: H & R Enterprises

Job ID: 890-2688-1

Project/Site: (CB) CottonBerry 20 Fed 5H 6H

HPLC/IC (Continued)

Analysis Batch: 31227 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2688-6	S-6	Soluble	Solid	300.0	31187
890-2688-7	S-7	Soluble	Solid	300.0	31187
890-2688-8	S-8	Soluble	Solid	300.0	31187
890-2688-9	S-9	Soluble	Solid	300.0	31187
890-2688-10	S-10	Soluble	Solid	300.0	31187
890-2688-11	S-11	Soluble	Solid	300.0	31187
890-2688-12	S-12	Soluble	Solid	300.0	31187
890-2688-13	S-13	Soluble	Solid	300.0	31187
890-2688-14	S-14	Soluble	Solid	300.0	31187
890-2688-15	SW-1	Soluble	Solid	300.0	31187
890-2688-16	SW-2	Soluble	Solid	300.0	31187
890-2688-17	SW-3	Soluble	Solid	300.0	31187
890-2688-18	SW-4	Soluble	Solid	300.0	31187
890-2688-19	BG-1	Soluble	Solid	300.0	31187
890-2688-20	BG-2	Soluble	Solid	300.0	31187
MB 880-31187/1-A	Method Blank	Soluble	Solid	300.0	31187
LCS 880-31187/2-A	Lab Control Sample	Soluble	Solid	300.0	31187
LCSD 880-31187/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	31187
890-2688-1 MS	S-1	Soluble	Solid	300.0	31187
890-2688-1 MSD	S-1	Soluble	Solid	300.0	31187
890-2688-11 MS	S-11	Soluble	Solid	300.0	31187
890-2688-11 MSD	S-11	Soluble	Solid	300.0	31187

Project/Site: (CB) CottonBerry 20 Fed 5H 6H

Job ID: 890-2688-1

Client Sample ID: S-1

Client: H & R Enterprises

Date Collected: 07/29/22 00:00 Date Received: 07/29/22 13:05

Lab Sample ID: 890-2688-1

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	31155	08/01/22 09:07	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31148	08/01/22 18:20	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			31301	08/02/22 10:55	SM	XEN MID
Total/NA	Analysis	8015 NM		1			31229	08/01/22 16:58	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	31153	08/01/22 09:04	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31146	08/01/22 11:36	SM	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	31187	08/01/22 09:50	SMC	XEN MID
Soluble	Analysis	300.0		1			31227	08/01/22 18:36	SMC	XEN MID

Client Sample ID: S-2 Lab Sample ID: 890-2688-2

Date Collected: 07/29/22 00:00

Date Received: 07/29/22 13:05

Matrix: Solid

Batch Dil Initial Final Batch Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab Prep 5035 31155 Total/NA 5.00 g 5 mL 08/01/22 09:07 EL XEN MID Total/NA 8021B 5 mL 08/01/22 18:40 XEN MID Analysis 1 5 mL 31148 MR Total/NA Total BTEX 31301 08/02/22 10:55 XEN MID Analysis 1 SM Total/NA Analysis 8015 NM 31229 08/01/22 16:58 SM XEN MID Total/NA 31153 XEN MID Prep 8015NM Prep 10.03 g 08/01/22 09:04 DM 10 mL Total/NA Analysis 8015B NM 31146 08/01/22 12:41 SM XEN MID

5.01 g

50 mL

31187

31227

08/01/22 09:50

08/01/22 13:55

Client Sample ID: S-3

Soluble

Soluble

Date Collected: 07/29/22 00:00 Date Received: 07/29/22 13:05

Leach

Analysis

DI Leach

300.0

Lab Sample ID: 890-2688-3

SMC

SMC

Matrix: Solid

XEN MID

XEN MID

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	31155	08/01/22 09:07	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31148	08/01/22 19:01	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			31301	08/02/22 10:55	SM	XEN MID
Total/NA	Analysis	8015 NM		1			31229	08/01/22 16:58	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	31153	08/01/22 09:04	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31146	08/01/22 13:03	SM	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	31187	08/01/22 09:50	SMC	XEN MID
Soluble	Analysis	300.0		1			31227	08/01/22 14:04	SMC	XEN MID

Client Sample ID: S-4

Date Collected: 07/29/22 00:00 Date Received: 07/29/22 13:05

Lab Sample ID: 890-2688-4

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	31155	08/01/22 09:07	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31148	08/01/22 19:22	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			31301	08/02/22 10:55	SM	XEN MID

Client: H & R Enterprises

Client Sample ID: S-4

Project/Site: (CB) CottonBerry 20 Fed 5H 6H

Lab Sample ID: 890-2688-4

Job ID: 890-2688-1

Date Collected: 07/29/22 00:00 Date Received: 07/29/22 13:05

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			31229	08/01/22 16:58	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	31153	08/01/22 09:04	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31146	08/01/22 13:25	SM	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	31187	08/01/22 09:50	SMC	XEN MID
Soluble	Analysis	300.0		1			31227	08/01/22 14:13	SMC	XEN MID

Client Sample ID: S-5 Lab Sample ID: 890-2688-5

Date Collected: 07/29/22 00:00

Matrix: Solid

Date Received: 07/29/22 13:05

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	31155	08/01/22 09:07	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31148	08/01/22 19:42	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			31301	08/02/22 10:55	SM	XEN MID
Total/NA	Analysis	8015 NM		1			31229	08/01/22 16:58	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	31153	08/01/22 09:04	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31146	08/01/22 13:47	SM	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	31187	08/01/22 09:50	SMC	XEN MID
Soluble	Analysis	300.0		5			31227	08/01/22 14:22	SMC	XEN MID

Client Sample ID: S-6 Lab Sample ID: 890-2688-6

Date Collected: 07/29/22 00:00 Date Received: 07/29/22 13:05 **Matrix: Solid**

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	31155	08/01/22 09:07	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31148	08/01/22 20:03	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			31301	08/02/22 10:55	SM	XEN MID
Total/NA	Analysis	8015 NM		1			31229	08/01/22 16:58	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	31153	08/01/22 09:04	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31146	08/01/22 14:08	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	31187	08/01/22 09:50	SMC	XEN MID
Soluble	Analysis	300.0		1			31227	08/01/22 14:50	SMC	XEN MID

Client Sample ID: S-7 Lab Sample ID: 890-2688-7

Date Collected: 07/29/22 00:00 Date Received: 07/29/22 13:05

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	31029	08/01/22 10:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31185	08/01/22 16:34	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			31301	08/02/22 10:55	SM	XEN MID
Total/NA	Analysis	8015 NM		1			31229	08/01/22 16:58	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	31153	08/01/22 09:04	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31146	08/01/22 14:30	SM	XEN MID

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Matrix: Solid

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Client: H & R Enterprises

Project/Site: (CB) CottonBerry 20 Fed 5H 6H

Lab Sample ID: 890-2688-7

Client Sample ID: S-7

Date Received: 07/29/22 13:05

Date Collected: 07/29/22 00:00 Matrix: Solid

Job ID: 890-2688-1

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5 g	50 mL	31187	08/01/22 09:50	SMC	XEN MID
Soluble	Analysis	300.0		1			31227	08/01/22 14:59	SMC	XEN MID

Client Sample ID: S-8 Lab Sample ID: 890-2688-8

Matrix: Solid

Date Collected: 07/29/22 00:00 Date Received: 07/29/22 13:05

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	31029	08/01/22 10:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31185	08/01/22 16:54	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			31301	08/02/22 10:55	SM	XEN MID
Total/NA	Analysis	8015 NM		1			31229	08/01/22 16:58	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	31153	08/01/22 09:04	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31146	08/01/22 14:52	SM	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	31187	08/01/22 09:50	SMC	XEN MID
Soluble	Analysis	300.0		1			31227	08/01/22 15:08	SMC	XEN MID

Client Sample ID: S-9 Lab Sample ID: 890-2688-9

Date Collected: 07/29/22 00:00 **Matrix: Solid**

Date Received: 07/29/22 13:05

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	31029	08/01/22 10:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31185	08/01/22 17:14	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			31301	08/02/22 10:55	SM	XEN MID
Total/NA	Analysis	8015 NM		1			31229	08/01/22 16:58	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	31153	08/01/22 09:04	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31146	08/01/22 15:13	SM	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	31187	08/01/22 09:50	SMC	XEN MID
Soluble	Analysis	300.0		1			31227	08/01/22 19:04	SMC	XEN MID

Client Sample ID: S-10 Lab Sample ID: 890-2688-10

Date Collected: 07/29/22 00:00 **Matrix: Solid** Date Received: 07/29/22 13:05

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	31029	08/01/22 10:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31185	08/01/22 17:35	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			31301	08/02/22 10:55	SM	XEN MID
Total/NA	Analysis	8015 NM		1			31229	08/01/22 16:58	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	31153	08/01/22 09:04	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31146	08/01/22 15:35	SM	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	31187	08/01/22 09:50	SMC	XEN MID
Soluble	Analysis	300.0		1			31227	08/01/22 15:27	SMC	XEN MID

Client: H & R Enterprises

Project/Site: (CB) CottonBerry 20 Fed 5H 6H

Lab Sample ID: 890-2688-11

Client Sample ID: S-11 Date Collected: 07/29/22 00:00 Date Received: 07/29/22 13:05

Matrix: Solid

Job ID: 890-2688-1

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	31029	08/01/22 10:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31185	08/01/22 17:55	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			31301	08/02/22 10:55	SM	XEN MID
Total/NA	Analysis	8015 NM		1			31229	08/01/22 16:58	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	31153	08/01/22 09:04	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31146	08/01/22 16:19	SM	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	31187	08/01/22 09:50	SMC	XEN MID
Soluble	Analysis	300.0		1			31227	08/01/22 15:36	SMC	XEN MID

Lab Sample ID: 890-2688-12

Matrix: Solid

Date Collected: 07/29/22 00:00 Date Received: 07/29/22 13:05

Client Sample ID: S-12

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	31029	08/01/22 10:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31185	08/01/22 19:46	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			31301	08/02/22 10:55	SM	XEN MID
Total/NA	Analysis	8015 NM		1			31229	08/01/22 16:58	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	31153	08/01/22 09:04	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31146	08/01/22 16:40	SM	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	31187	08/01/22 09:50	SMC	XEN MID
Soluble	Analysis	300.0		1			31227	08/01/22 19:13	SMC	XEN MID

Client Sample ID: S-13

Date Collected: 07/29/22 00:00

Date Received: 07/29/22 13:05

Lab San	nple ID	: 890-2	2688-13

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	31029	08/01/22 10:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31185	08/01/22 20:07	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			31301	08/02/22 10:55	SM	XEN MID
Total/NA	Analysis	8015 NM		1			31229	08/01/22 16:58	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	31151	08/01/22 08:56	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31144	08/01/22 12:41	SM	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	31187	08/01/22 09:50	SMC	XEN MID
Soluble	Analysis	300.0		1			31227	08/01/22 16:13	SMC	XEN MID

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Client Sample ID: S-14		Lab Sample ID: 890-2688-14
Date Collected: 07/29/22 00:00		Matrix: Solid
Date Received: 07/29/22 13:05		
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	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	31029	08/01/22 10:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31185	08/01/22 20:27	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			31301	08/02/22 10:55	SM	XEN MID

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Client: H & R Enterprises

Project/Site: (CB) CottonBerry 20 Fed 5H 6H

Lab Sample ID: 890-2688-14

Client Sample ID: S-14

Matrix: Solid

Job ID: 890-2688-1

Date Collected: 07/29/22 00:00 Date Received: 07/29/22 13:05

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			31229	08/01/22 16:58	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	31151	08/01/22 08:56	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31144	08/01/22 13:03	SM	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	31187	08/01/22 09:50	SMC	XEN MID
Soluble	Analysis	300.0		1			31227	08/01/22 16:40	SMC	XEN MID

Lab Sample ID: 890-2688-15

Matrix: Solid

Date Collected: 07/29/22 00:00 Date Received: 07/29/22 13:05

Client Sample ID: SW-1

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	31029	08/01/22 10:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31185	08/01/22 20:47	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			31301	08/02/22 10:55	SM	XEN MID
Total/NA	Analysis	8015 NM		1			31229	08/01/22 16:58	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	31151	08/01/22 08:56	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31144	08/01/22 13:25	SM	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	31187	08/01/22 09:50	SMC	XEN MID
Soluble	Analysis	300.0		5			31227	08/01/22 16:50	SMC	XEN MID

Client Sample ID: SW-2 Lab Sample ID: 890-2688-16

Date Collected: 07/29/22 00:00 **Matrix: Solid** Date Received: 07/29/22 13:05

Batch Batch Dil Initial Final Batch Prepared Method **Prep Type** Type Run Factor Amount Amount Number or Analyzed Analyst Lab Total/NA Prep 5035 5.01 g 5 mL 31029 08/01/22 10:00 MR XEN MID Total/NA 8021B 5 mL 5 mL 31185 08/01/22 21:08 MR XEN MID Analysis 1 Total/NA Total BTEX Analysis 1 31301 08/02/22 10:55 SM XEN MID 08/01/22 16:58 Total/NA Analysis 8015 NM 31229 SM XEN MID 1 Total/NA Prep 8015NM Prep 10.00 g 10 mL 31151 08/01/22 08:56 DM XEN MID Total/NA Analysis 8015B NM 31144 08/01/22 13:47 SM XEN MID 1 Soluble Leach DI Leach 4.97 g 50 mL 31187 08/01/22 09:50 SMC XEN MID Soluble Analysis 300.0 31227 08/01/22 16:59 SMC XEN MID 1

Lab Sample ID: 890-2688-17 Client Sample ID: SW-3

Date Collected: 07/29/22 00:00 Date Received: 07/29/22 13:05

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	31029	08/01/22 10:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31185	08/01/22 21:28	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			31301	08/02/22 10:55	SM	XEN MID
Total/NA	Analysis	8015 NM		1			31229	08/01/22 16:58	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	31151	08/01/22 08:56	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31144	08/01/22 14:08	SM	XEN MID

Eurofins Carlsbad

Matrix: Solid

Client: H & R Enterprises

Project/Site: (CB) CottonBerry 20 Fed 5H 6H

Lab Sample ID: 890-2688-17

Client Sample ID: SW-3 Date Collected: 07/29/22 00:00

Matrix: Solid

Job ID: 890-2688-1

Date Received: 07/29/22 13:05

Client Sample ID: SW-4

Date Collected: 07/29/22 00:00

Date Received: 07/29/22 13:05

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	31187	08/01/22 09:50	SMC	XEN MID
Soluble	Analysis	300.0		1			31227	08/01/22 17:08	SMC	XEN MID

Lab Sample ID: 890-2688-18

Matrix: Solid

XEN MID

Batch Batch Dil Initial Final Batch Prepared **Prep Type** Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab Total/NA 5035 5.02 g 31029 08/01/22 10:00 MR XEN MID Prep 5 mL Total/NA 8021B 5 mL 5 mL 31185 08/01/22 21:49 MR XEN MID Analysis 1 Total/NA Total BTEX 31301 XEN MID Analysis 08/02/22 10:55 SM 1 Total/NA Analysis 8015 NM 31229 08/01/22 16:58 SM XEN MID Total/NA 31151 XEN MID Prep 8015NM Prep 10.02 g 10 mL 08/01/22 08:56 DM Total/NA 8015B NM XEN MID Analysis 31144 08/01/22 14:30 SM 50 mL Soluble DI Leach 4.96 g 31187 08/01/22 09:50 SMC XEN MID Leach

Client Sample ID: BG-1 Lab Sample ID: 890-2688-19

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31227

08/01/22 17:17

Date Collected: 07/29/22 00:00

Date Received: 07/29/22 13:05

Soluble

Analysis

300.0

Matrix: Solid

SMC

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	31029	08/01/22 10:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31185	08/01/22 22:09	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			31301	08/02/22 10:55	SM	XEN MID
Total/NA	Analysis	8015 NM		1			31229	08/01/22 16:58	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	31151	08/01/22 08:56	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31144	08/01/22 14:52	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	31187	08/01/22 09:50	SMC	XEN MID
Soluble	Analysis	300.0		1			31227	08/01/22 17:26	SMC	XEN MID

Client Sample ID: BG-2 Lab Sample ID: 890-2688-20

Date Collected: 07/29/22 00:00 Date Received: 07/29/22 13:05

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	31029	08/01/22 10:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31185	08/01/22 22:30	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			31301	08/02/22 10:55	SM	XEN MID
Total/NA	Analysis	8015 NM		1			31229	08/01/22 16:58	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	31151	08/01/22 08:56	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31144	08/01/22 15:13	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	31187	08/01/22 09:50	SMC	XEN MID
Soluble	Analysis	300.0		1			31227	08/01/22 17:36	SMC	XEN MID

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Matrix: Solid

Client: H & R Enterprises

Project/Site: (CB) CottonBerry 20 Fed 5H 6H

Client Sample ID: BG-3 Lab Sample ID: 890-2688-21

Matrix: Solid

Job ID: 890-2688-1

Date Collected: 07/29/22 00:00 Date Received: 07/29/22 13:05

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	31029	08/01/22 10:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31185	08/01/22 22:50	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			31301	08/02/22 10:55	SM	XEN MID
Total/NA	Analysis	8015 NM		1			31229	08/01/22 16:58	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	31151	08/01/22 08:56	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31144	08/01/22 15:35	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	31186	08/01/22 09:45	SMC	XEN MID
Soluble	Analysis	300.0		1			31226	08/01/22 13:17	SMC	XEN MID

Client Sample ID: BG-4 Lab Sample ID: 890-2688-22

Date Collected: 07/29/22 00:00 Matrix: Solid

Date Received: 07/29/22 13:05

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	31170	08/01/22 10:04	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31148	08/01/22 23:07	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			31301	08/02/22 10:55	SM	XEN MID
Total/NA	Analysis	8015 NM		1			31229	08/01/22 16:58	SM	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	31151	08/01/22 08:56	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31144	08/01/22 16:19	SM	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	31186	08/01/22 09:45	SMC	XEN MID
Soluble	Analysis	300.0		1			31226	08/01/22 13:25	SMC	XEN MID

Laboratory References:

XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: H & R Enterprises Job ID: 890-2688-1

Project/Site: (CB) CottonBerry 20 Fed 5H 6H

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program NELAP	ogram	Identification Number	Expiration Date
Texas	NI	ELAP	T104704400-22-24	06-30-23
The following analytes the agency does not o		ut the laboratory is not certifi	ed by the governing authority. This list ma	ay include analytes for which
Analysis Method	Prep Method	Matrix	Analyte	
8015 NM		Solid	Total TPH	
00.0				

Method Summary

Client: H & R Enterprises

Project/Site: (CB) CottonBerry 20 Fed 5H 6H

Job ID: 890-2688-1

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
Total BTEX	Total BTEX Calculation	TAL SOP	XEN MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN MID

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

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Sample Summary

Client: H & R Enterprises

Project/Site: (CB) CottonBerry 20 Fed 5H 6H

Job ID: 890-2688-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-2688-1	S-1	Solid	07/29/22 00:00	07/29/22 13:05	3
890-2688-2	S-2	Solid	07/29/22 00:00	07/29/22 13:05	3
890-2688-3	S-3	Solid	07/29/22 00:00	07/29/22 13:05	3
890-2688-4	S-4	Solid	07/29/22 00:00	07/29/22 13:05	3
890-2688-5	S-5	Solid	07/29/22 00:00	07/29/22 13:05	3
890-2688-6	S-6	Solid	07/29/22 00:00	07/29/22 13:05	3
890-2688-7	S-7	Solid	07/29/22 00:00	07/29/22 13:05	3
890-2688-8	S-8	Solid	07/29/22 00:00	07/29/22 13:05	3
890-2688-9	S-9	Solid	07/29/22 00:00	07/29/22 13:05	3
890-2688-10	S-10	Solid	07/29/22 00:00	07/29/22 13:05	3
890-2688-11	S-11	Solid	07/29/22 00:00	07/29/22 13:05	3
890-2688-12	S-12	Solid	07/29/22 00:00	07/29/22 13:05	3
890-2688-13	S-13	Solid	07/29/22 00:00	07/29/22 13:05	3
890-2688-14	S-14	Solid	07/29/22 00:00	07/29/22 13:05	3
890-2688-15	SW-1	Solid	07/29/22 00:00	07/29/22 13:05	3
890-2688-16	SW-2	Solid	07/29/22 00:00	07/29/22 13:05	3
890-2688-17	SW-3	Solid	07/29/22 00:00	07/29/22 13:05	3
890-2688-18	SW-4	Solid	07/29/22 00:00	07/29/22 13:05	3
890-2688-19	BG-1	Solid	07/29/22 00:00	07/29/22 13:05	3
890-2688-20	BG-2	Solid	07/29/22 00:00	07/29/22 13:05	3
890-2688-21	BG-3	Solid	07/29/22 00:00	07/29/22 13:05	3
890-2688-22	BG-4	Solid	07/29/22 00:00	07/29/22 13:05	3

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Superfund

Level IV

Date/Time

Received by: (Signature)

Relinquished by: (Signature)

305

7-29-33 Date/Time

m charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Received by: (Signature)

Relinquished by: (Signature)

votice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control

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DI Water: H₂O NaOH: Na MeOH: Me HNO 3: HN NaOH+Ascorbic Acid: SAPC Sample Comments Preservative Codes Zn Acetate+NaOH: Zn PST/UST TRRP RRC Na25203: NaSO 3 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Tl Sn U V Zn Other: NAHSO 4: NABIS Hg: 1631 / 245.1 / 7470 / 7471 H3PO4: HP Brownfields None: NO Cool: Cool H,504: H, HCL: HC Work Order Comments ADaPT www.xenco.com Work Order No: Reporting: Level II UST/PST | PRP EDD State of Project: 890-2688 Chain of Custody Deliverables: TCLP/SPLP6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U ANALYSIS REQUEST 1 Pa Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334 Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199 EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296 Email: Mollier Ch-r-enterprises. com Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300 Chain of Custody Atto: Lati -imarex X FIEX # of Cont Pres. Code Parameters Bill to: (if different) Company Name: Comp Grab/ 0.01 City, State ZIP: 7.8 TAT starts the day received by the lab, if received by 4:30pm FOO - MI Yes No D. X 24HR Rush Address: Depth Collenbery 20 Feet 1454 6H Turn Around Due Date: Routine Corrected Temperature: Wet Ice: Sampled Temperature Reading: Time **Environment Testing** Correction Factor: Thermometer ID: Date Sampled 740/22 Eddy County NM Yes) No Enterprises Circle Method(s) and Metal(s) to be analyzed 575-908-0326 Matrix Xenco Yes No NA N/A Temp Blank: 200.8 / 6020: Loller (Yes) No Yes No Koy Rel H+K Hobbs 💸 eurofins Sample Identification Samples Received Intact: Total 200.7 / 6010 Sample Custody Seals: Cooler Custody Seals: (3) SAMPLE RECEIPT Project Location: Total Containers: Project Manager: Company Name: Sampler's Name: Project Number City, State ZIP: Project Nam 0 00/5 3 Address: Phone: PO #:) 9 2

Work Order No:

Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334 Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300

Environment Testing Xenco

💸 eurofins

Chain of Custody

EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296

www.xenco.com Page \$3 of \$3	m	RP☐ Brownfields ☐ RRC ☐ Superfund ☐		el III PST/UST TRRP Level IV	ADaPT Other:	Preservative Codes	None: NO DI Water: H ₂ O	-	HCL: HC HNO 3: HN H ₂ SO 4: H ₂ NaOH: Na	H ₃ PO ₄ : HP	NaHSO 4: NABIS	Na ₂ S ₂ O ₃ : NaSO ₃	Zn Acetate+NaOH: Zn	NaOH+Ascorbic Acid: SAPC	Sample Comments												Hg: 1631 / 245.1 / 7470 / 7471		Signature) Date/Time	
www.xe	Work	Program: UST/PST ☐ PRP☐	State of Project:	Reporting: Level II 🔲 Level III 📋	Deliverables: EDD																					1		d conditions the control viously negotlated.	Received by: (Signature)	
NM (575) 988-3199	FNEIRY	C416-				ANALYSIS REQUEST																				Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni	Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag II U	hostee: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco. A minimum charge of \$85.00 will be enforced unless previously negotiated.	Relinquished by: (Signature)	2
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199	CIMPREX E	24			h-r.enterpRISES, Com							S	? (1	1	1781 1977 1947	XXX	[]								-	o As Ba Be B Cd	Sb As Ba Be Cd (ofins Xenco, its affiliates and nses incurred by the client if Eurofins Xenco, but not anah	Date/Time	-39-33
Hobbs, NM (Bill to: (if different)	Company Name:	Address:	City, State ZIP:	Email: MCOLLIEIZ(0)	(cB) rum Around	ne KRush HIR Code		TAT starts the day received by the lab, if received by 4:30pm	Yes No	mere	2d	7	re:	d Depth Grab/ # of	3, (644)	j									Texas 11	TCLP / SPLP 6010 : 8RCRA	e order from client company to Eur responsibility for any losses or expe of \$5 for each sample submitted to	tjure)	7
	Coursel	ENTER PRISES				JOKOM SHEW (CB)	Routine		TAT start the lab, i	Yes No Wetler	Thermometer D:	Correction Factor:	Temperature Reading:	Corrected Temperature:	Matrix Sampled Sampled	Soil 7-19-12	/ /)	_							8RCR,	analyzed TCL	samples constitutes a valid purchas samples and shall not assume any plied to each project and a charge.	Received by (Signature)	10000
	MCHAEL CO.	H+R ENTER		HEBBS, NM	575-409-0326	COTTON BORRY LOFOHISHEN		EDDY COUNTY, NIM	R.BELL	Temp Blank:	ntact: Yes No	S: Yes No N/A	als: Yes No N/A			3	,								_	200.8 / 6020:	Circle Method(s) and Metal(s) to be analyzed	iocument and relinquishment of will be liable only for the cost of num charge of \$85.00 will be ap	y: (Signature)	00
	Project Manager:	Company Name:	Address:	City, State ZIP:	Phone:	Project Name:	Project Number:	Project Location:	Sampler's Name: PO #:	SAMPLE RECEIPT	Samples Received Intact:	Cooler Custody Seals:	Sample Custody Seals:	Total Containers:	Sample Identification	5-11	5-12	5-13	5-14	5W- 1	5W-2	5W-3	5W-4	BG- 1	86-2	Total 200.7 / 6010	Circle Method(s	Notice: Signature of this d of service. Eurofins Xenco of Eurofins Xenco. Aminir	Relinquished by: (Signature)	Ryb

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	EUVITOR	ment les	S III		Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334	432) 704-54	40, San Ant	onio, TX (21	0) 509-3334			2	N Older IN		
	Xenco				EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296 Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199	(915) 585-3 (575) 392-7	443, Lubbo 550, Carlsba	ek, TX (806) id, NM (575	794-1296			S	www.xenco.com	om Page	3 of 3
Droiper Manager	MU WARI Carred	2		Bill to: (if different)	ifferent)	CIN	CIMAREX ENERLY	ENE	RC-4				Work Order	E E	
Company Name.		STS		Company Name:	Name:	ATT V:	N: C	LACI LI	4416		Program:		UST/PST PRP	Brownfields RRC	RC Superfund
Address:				Address:							State o	State of Project:			
City State ZIP:	HOBBS NM			City, State ZIP:	ZIP:						Report	Reporting: Level II Level III		PST/UST T	PST/UST TRRP Level IV
Phone:		2,6	Email:								Deliverables:	ables: EDD		ADaPT Oth	Other:
Droiort Name	Porte NEGREY 20 FOIT CHEST	FED IN CH	FLAN TURNA	Around					ANA	ANALYSIS REQUEST	UEST			Presen	Preservative Codes
Project Number:		,	luo I	DRush 3444	HHK Code	., 40								None: NO	DI Water: H ₂ O
Project Location:	EDDY COUNTY, NON		Due Date:				-			_				Cool: Cool	MeOH: Me
Sampler's Name:	R. Bac		TAT starts the day received by	day received	1 by									HCL: HC	HNO 3: HN
PO #:			the lab, if rec	eived by 4:30	1				-					H2504: H2	NaCH: Na
SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	Yes No	o				_					H ₃ PO ₄ : HP	
Samples Received Intact:	Yes No	Thermometer	100	-	mene			_	_	_				NaHSO 4: NABIS	BIS
Cooler Custody Seals:	s: Yes No N/A	Correction Factor:	octor:	1	'd			7						Na ₂ S ₂ O ₃ : NaSO	SO 3
Sample Custody Seals:	Ils: Yes No N/A	Temperature Reading:	Reading:					717						Zn Acetate+NaOH: Zn	NaOH: Zn
Total Containers:	\	Corrected Temperature:	mperature:			XE	+	10×						NaOH+Ascor	NaOH+Ascorbic Acid: SAPC
Sample Identification	ntification	Date Sampled	Time	٠.	Grab/ # of Comp Cont	Tå	141.	CHI						Sample	Sample Comments
86-3	7105	7-38-32			COMP	×	X					1	+		
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Total 200.7 / 6010 Circle Method(s) ar	Total 200.7 / 6010 200.8 / 6020: Circle Method(s) and Metal(s) to be analyzed	8R Ilyzed	BRCRA 13PPI TCLP/SP	A 13PPM Texas 11 AI S TCLP/SPLP6010:8RCRA	11 AI S 8RCRA	b As B.	a Be B (3a Be Cc	d Ca C	sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag	Fe Pb N In Mo Ni	Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K A Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U	<u>×</u>	Ag SiO ₂ Na Hg: 1631 / 245	Se Ag SiO ₂ Na Sr Tl Sn U V Zn Hg: 1631/245.1/7470/7471	Zn 71
Notice: Signature of this d of service. Eurofins Xenco	Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses, the client if such losses are due to circumstances beyond the control of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses. Yence have client and service are such as a property of services.	oles constitutes a va ples and shall not a	alid purchase orc	der from client onsibility for an	company to Eu	irofins Xencc enses incurre	by the clien	ind subcontra	sctors. It assign sare due to cl	ns standard te ircumstances l	rms and condit	ons rol egotlated.			
of Eurofins Xenco. Amini	of Eurofins Serco. Aminimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Serco. Date to analyzed. These terms will be applied to each project and a charge of \$55.00 will be applied to each project and a charge of \$65.00 willi	to each project an	nd a charge of \$5	tor each samp	ie submitted t	Dodo.	Time	Doli	Doling inched by: (Signature)	hv. (Signs	tire)	Receive	Beceived hv. (Signature)	lire)	Date/Time
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Charles !	1 III	1	1		-	5	2	-							

Chain of Custody

Login Sample Receipt Checklist

Client: H & R Enterprises Job Number: 890-2688-1

Login Number: 2688 List Source: Eurofins Carlsbad

List Number: 1 Creator: Clifton, Cloe

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
ls the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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Login Sample Receipt Checklist

Client: H & R Enterprises Job Number: 890-2688-1

Login Number: 2688

List Source: Eurofins Midland
List Number: 2

List Creation: 08/01/22 08:22 AM

Creator: Rodriguez, Leticia

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720 District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

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 135450

CONDITIONS

Operator:	OGRID:
CIMAREX ENERGY CO.	215099
600 N. Marienfeld Street	Action Number:
Midland, TX 79701	135450
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NAPP2213171033 COTTONBERRY 20 FEDERAL 1H,5H-6H BATTERY, thank you. This closure is approved.	8/22/2022