Cottonwood CONSULTING

P.O. Box 1653
Durango, Colorado 81302
(970) 764-7356
www.cottonwoodconsulting.com

February 10, 2025

Ashley Maxwell
Environmental Specialist
New Mexico Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87410

RE: Closure Summary – Canada Ojitos Unit #047
API #30-039-30980; Incident ID nAPP2501033710
Benson-Montin-Greer Drilling Corporation
Latitude/Longitude: 36.4212494/-106.9505615
Rio Arriba County, New Mexico

Dear Ms. Maxwell,

Cottonwood Consulting, LLC (Cottonwood), on behalf of Benson-Montin-Greer Drilling Corporation (BMG), is pleased to provide you with a closure summary for the release at BMG's Canada Ojitos Unit (COU) #047 (API #30-039-30980; Incident ID nAPP2501033710) well site. Details regarding the release, sampling results, and remediation are summarized below.

Background

On January 4, 2025, Benson-Montin-Greer Drilling Corp (BMG) noticed some soil staining near the separator at the COU #047 well site during routine inspection operations. BMG began excavating the stained area on January 9, 2025 and discovered a reportable volume of fluid had been released from an on-location flowline between the wellhead and the separator. BMG immediately shut-in the well and repaired the flowline. Cottonwood was on site on January 13, 2025 to conduct a site assessment and collect initial soil samples. The release did not leave the working surface of the COU #047 well pad. Based on Cottonwood's assessment, approximately 31 barrels of fluid were released. Attachment 1 is a volume calculation.

Site Characterization

Following the initial site assessment, Cottonwood conducted site characterization to determine the depth to groundwater at the site, distance to surface water features, surficial geology, and other geologic features. Figure 1 is a Hydrology Map and Figure 2 is a Geology and Mining Map. Due to lack of groundwater data within ½ mile of the project area, BMG elected to assume that groundwater was located a depth of less than 50 feet below ground surface and utilized the most stringent New Mexico Oil Conservation District (NMOCD) closure criteria when evaluating soil samples collected from the release and excavation area.

Soil Sampling

SS01 and SS02, collected during the initial site assessment on January 10, 2025, indicated impacts in exceedance of NMOCD closure criteria standard.

Following receipt of the initial sample results, BMG conducted additional excavation at the site. Following excavation, Cottonwood collected confirmation soil samples in accordance with NMOCD 19.15.29.12.D.1.c. Samples were submitted to Envirotech Analytical Laboratories (Envirotech) in Bloomfield, New Mexico for laboratory analysis of total petroleum hydrocarbons (TPH); benzene, toluene, ethylbenzene, and total xylenes (BTEX); and chloride. With the exception of SS03, all samples were below the applicable NMOCD standard. SS03, collected from the east sidewall, exceeded the NMOCD closure criteria for Total TPH. Following receipt of sample results, BMG conducted additional excavation along the east sidewall in the vicinity of SS03. A final confirmation soil sample, SS22, was collected from the east sidewall following additional excavation on January 30, 2025 and submitted to Envirotech for analysis. SS22 did not exceed the applicable NMOCD standards. Figure 3 shows the locations of soil samples collected from the site, Table 1 shows the applicable NMOCD closure criteria and the sample results, and laboratory results are included in Attachment 2. Photographs of the excavation and sample locations are included in Attachment 3.

Approximately 1,000 cubic yards of impacted material have been excavated from the release area. Impacted material was transported off-site for disposal at Envirotech Inc.'s Landfarm in San Juan County, New Mexico. Bills of lading are included as Attachment 4.

Notifications

Per NMAC 19.15.29.10, NMOCD must be notified of releases. A notification of release was submitted to the NMOCD on January 10, 2025, within 24 hours of BMG discovering that the release was classified as a major release per NMAC 19.15.29.10.A.

Per NMAC 19.15.29.12.D.1.a, notification should be made two business days prior to conducting final sampling. Cottonwood submitted a notification of sampling on Friday, January 10, 2025 for sampling planned on Monday, January 13, 2025. A variance request, per NMAC 19.15.29.14, was submitted to the NMCOD on Friday, January 10, 2025 requesting a variance from NMAC 19.15.29.12.D.1.a. That variance request was approved on Friday, January 10, 2025.

On January 15, 2025, Cottonwood submitted a notification of sampling for sampling planned on January 16, 2025. On February 3, 2025, Cottonwood requested a variance from NMAC 19.15.29.12.D.1.a for sampling conducted January 16, 2025 and January 30, 2025. That variance request was approved on February 4, 2025. More information and copies of the variance requests and approvals are included as Attachment 5.

Per NMAC 19.15.29.10.A.2, an initial C-141 must be submitted within 15 days of the discovery of the release. An initial C-141 was submitted to the NMOCD on January 15, 2025.

Remediation

Excavation of impacted soil was completed on January 30, 2025. The excavated area was backfilled with clean soil on February 4, 2025. Because the release and excavation area were located on the working surface of the COU #047 well pad, no reseeding or other reclamation

activities have occurred. The release and excavation area has been returned to pre-existing conditions. The release area will be reclaimed during final reclamation of the well pad.

Should you have any questions regarding the sampling or remediation conducted, please do not hesitate to contact me at 970-764-7356 or ksiesser@cottonwoodconsulting.com.

Sincerely,

Kyle D. Siesser

Kyle Siesser, P.G.
Cottonwood Consulting, LLC

Attachments: Table 1 – Soil Sampling Results
Figure 1 – Hydrology Map
Figure 2 – Geology and Mining Map
Figure 3 – Project Map
Attachment 1 – Volume Calculation
Attachment 2 – Soil Sampling Laboratory Results
Attachment 3 – Photographic Log
Attachment 4 – Bills of Lading
Attachment 5 – Variance Requests and Approvals

Table 1

Cottonwood CONSULTING

Table 1
Soil Sampling Results
Canada Ojitos Unit #047
Benson-Montin-Greer Drilling Corporation

Parameter	SS01 1/13/2025	SS02 1/13/2025	SS03 1/16/2025	SS04 1/16/2025	SS05 1/16/2025	OCD Standard	Units
Sample Location	Base	Base	East sidewall	East sidewall	Southeast sidewall	NA	NA
Depth	4	8	0-4	4-10	0-4	NA	feet bgs
PID	342.1	516.4	30.4	115.2	55.0	NA	ppm
Chloride	311	64.6	111	57.5	<20.0	600	mg/kg
TPH (GRO)	1,630	924	<20.0	<20.0	<20.0	NA	mg/kg
TPH (DRO)	24,100	8,040	254	55.0	<25.0	NA	mg/kg
TPH (EXT DRO)	7,610	2,140	73.7	<50.0	<50.0	NA	mg/kg
Total TPH (GRO+DRO+EXT)	**33,340**	**11,104**	**327.7**	55.0	<95.0	100	mg/kg
Benzene	9.03	2.48	<0.0250	<0.0250	<0.0250	10	mg/kg
Toluene	28.8	11.4	<0.0250	<0.0250	<0.0250	NA	mg/kg
Ethylbenzene	18.0	8.46	<0.0250	<0.0250	<0.0250	NA	mg/kg
Total Xylenes	110	50.8	<0.0250	0.0320	<0.0250	NA	mg/kg
Total BTEX	**165.83**	**73.14**	<0.1000	0.0320	<0.1000	50	mg/kg

Notes:

PID - Photoionization Detector
TPH - Total Petroleum Hydrocarbons
GRO - Gasoline Range Organics
DRO - Diesel Range Organics
OCD - State of New Mexico Oil Conservation Division
EXT - Extended
BTEX- Benzene, Toluene, Ethylbenzene, Total Xylenes
NA - Not Applicable

bgs - below ground surface
ppm - parts per million
mg/kg - milligrams per kilogram
Bold values exceed the OCD Standard.
TPH values detected below the reporting limit are not included in Total TPH calculations
BTEX values detected below the reporting limit are not included in Total BTEX calculations
OCD Standards are closure criteria standards for sites with groundwater less than 50 feet bgs

Cottonwood CONSULTING

Table 1 (continued)
Soil Sampling Results
Canada Ojitos Unit #047
Benson-Montin-Greer Drilling Corporation

Parameter	SS06 1/16/2025	SS07 1/16/2025	SS08 1/16/2025	SS09 1/16/2025	SS10 1/16/2025	OCD Standard	Units
Sample Location	Southeast sidewall	Southwest sidewall	Southwest sidewall	West sidewall	West sidewall	NA	NA
Depth	4-10	0-4	4-10	0-4	4-10	NA	feet bgs
PID	104.3	20.0	23.2	37.7	27.8	NA	ppm
Chloride	<20.0	<20.0	<20.0	43.9	<20.0	600	mg/kg
TPH (GRO)	<20.0	<20.0	<20.0	<20.0	<20.0	NA	mg/kg
TPH (DRO)	43.5	<25.0	<25.0	42.9	<25.0	NA	mg/kg
TPH (EXT DRO)	<50.0	<50.0	<50.0	<50.0	<50.0	NA	mg/kg
Total TPH (GRO+DRO+EXT)	43.5	<95.0	<95.0	42.9	<95.0	100	mg/kg
Benzene	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	10	mg/kg
Toluene	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	NA	mg/kg
Ethylbenzene	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	NA	mg/kg
Total Xylenes	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	NA	mg/kg
Total BTEX	<0.1000	<0.1000	<0.1000	<0.1000	<0.1000	50	mg/kg

Notes:

PID - Photoionization Detector
TPH - Total Petroleum Hydrocarbons
GRO - Gasoline Range Organics
DRO - Diesel Range Organics
OCD - State of New Mexico Oil Conservation Division
EXT - Extended
BTEX- Benzene, Toluene, Ethylbenzene, Total Xylenes
NA - Not Applicable

bgs - below ground surface
ppm - parts per million
mg/kg - milligrams per kilogram
Bold values exceed the OCD Standard.
TPH values detected below the reporting limit are not included in Total TPH calculations
BTEX values detected below the reporting limit are not included in Total BTEX calculations
OCD Standards are closure criteria standards for sites with groundwater less than 50 feet bgs

Cottonwood CONSULTING

Table 1 (continued)
Soil Sampling Results
Canada Ojitos Unit #047
Benson-Montin-Greer Drilling Corporation

Parameter	SS11 1/16/2025	SS12 1/16/2025	SS13 1/16/2025	SS14 1/16/2025	SS15 1/16/2025	OCD Standard	Units
Sample Location	Northwest sidewall	Northwest sidewall	Northeast sidewall	Northeast sidewall	Northeast base	NA	NA
Depth	0-4	4-10	0-4	4-10	10	NA	feet bgs
PID	27.2	22.1	50.9	37.5	463.7	NA	ppm
Chloride	<20.0	<20.0	<20.0	<20.0	<20.0	600	mg/kg
TPH (GRO)	<20.0	<20.0	<20.0	<20.0	<20.0	NA	mg/kg
TPH (DRO)	<25.0	<25.0	<25.0	<25.0	99.0	NA	mg/kg
TPH (EXT DRO)	<50.0	<50.0	<50.0	<50.0	<50.0	NA	mg/kg
Total TPH (GRO+DRO+EXT)	<95.0	<95.0	<95.0	<95.0	99.0	100	mg/kg
Benzene	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	10	mg/kg
Toluene	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	NA	mg/kg
Ethylbenzene	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	NA	mg/kg
Total Xylenes	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	NA	mg/kg
Total BTEX	<0.1000	<0.1000	<0.1000	<0.1000	<0.1000	50	mg/kg

Notes:

PID - Photoionization Detector
TPH - Total Petroleum Hydrocarbons
GRO - Gasoline Range Organics
DRO - Diesel Range Organics
OCD - State of New Mexico Oil Conservation Division
EXT - Extended
BTEX- Benzene, Toluene, Ethylbenzene, Total Xylenes
NA - Not Applicable

bgs - below ground surface
ppm - parts per million
mg/kg - milligrams per kilogram
Bold values exceed the OCD Standard.
TPH values detected below the reporting limit are not included in Total TPH calculations
BTEX values detected below the reporting limit are not included in Total BTEX calculations
OCD Standards are closure criteria standards for sites with groundwater less than 50 feet bgs

Cottonwood CONSULTING

Table 1 (continued)
Soil Sampling Results
Canada Ojitos Unit #047
Benson-Montin-Greer Drilling Corporation

Parameter	SS16 1/16/2025	SS17 1/16/2025	SS18 1/16/2025	SS19 1/16/2025	SS20 1/16/2025	OCD Standard	Units
Sample Location	Southeast base	South base	Southwest base	Northwest base	North base	NA	NA
Depth	10	10	10	10	10	NA	feet bgs
PID	197.3	42.5	51.7	24.7	336.7	NA	ppm
Chloride	<20.0	<20.0	<20.0	<20.0	<20.0	600	mg/kg
TPH (GRO)	<20.0	<20.0	<20.0	<20.0	<20.0	NA	mg/kg
TPH (DRO)	44.2	<25.0	<25.0	<25.0	74.3	NA	mg/kg
TPH (EXT DRO)	<50.0	<50.0	<50.0	<50.0	<50.0	NA	mg/kg
Total TPH (GRO+DRO+EXT)	44.2	<95.0	<95.0	<95.0	74.3	100	mg/kg
Benzene	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	10	mg/kg
Toluene	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	NA	mg/kg
Ethylbenzene	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	NA	mg/kg
Total Xylenes	<0.0250	<0.0250	<0.0250	<0.0250	0.0285	NA	mg/kg
Total BTEX	<0.1000	<0.1000	<0.1000	<0.1000	0.0285	50	mg/kg

Notes:

PID - Photoionization Detector
TPH - Total Petroleum Hydrocarbons
GRO - Gasoline Range Organics
DRO - Diesel Range Organics
OCD - State of New Mexico Oil Conservation Division
EXT - Extended
BTEX- Benzene, Toluene, Ethylbenzene, Total Xylenes
NA - Not Applicable

bgs - below ground surface
ppm - parts per million
mg/kg - milligrams per kilogram
Bold values exceed the OCD Standard.
TPH values detected below the reporting limit are not included in Total TPH calculations
BTEX values detected below the reporting limit are not included in Total BTEX calculations
OCD Standards are closure criteria standards for sites with groundwater less than 50 feet bgs

Cottonwood CONSULTING

Table 1 (continued)
Soil Sampling Results
Canada Ojitos Unit #047
Benson-Montin-Greer Drilling Corporation

Parameter	SS21 1/16/2025	SS22 1/30/2025	OCD Standard	Units
Sample Location	Base pothole	East sidewall	NA	NA
Depth	12	0-4	NA	feet bgs
PID	60.3	8.9	NA	ppm
Chloride	<20.0	169	600	mg/kg
TPH (GRO)	<20.0	<20.0	NA	mg/kg
TPH (DRO)	<25.0	<25.0	NA	mg/kg
TPH (EXT DRO)	<50.0	<50.0	NA	mg/kg
Total TPH (GRO+DRO+EXT)	<95.0	<95.0	100	mg/kg
Benzene	<0.0250	<0.0250	10	mg/kg
Toluene	<0.0250	<0.0250	NA	mg/kg
Ethylbenzene	<0.0250	<0.0250	NA	mg/kg
Total Xylenes	<0.0250	<0.0250	NA	mg/kg
Total BTEX	<0.1000	<0.1000	50	mg/kg

Notes:

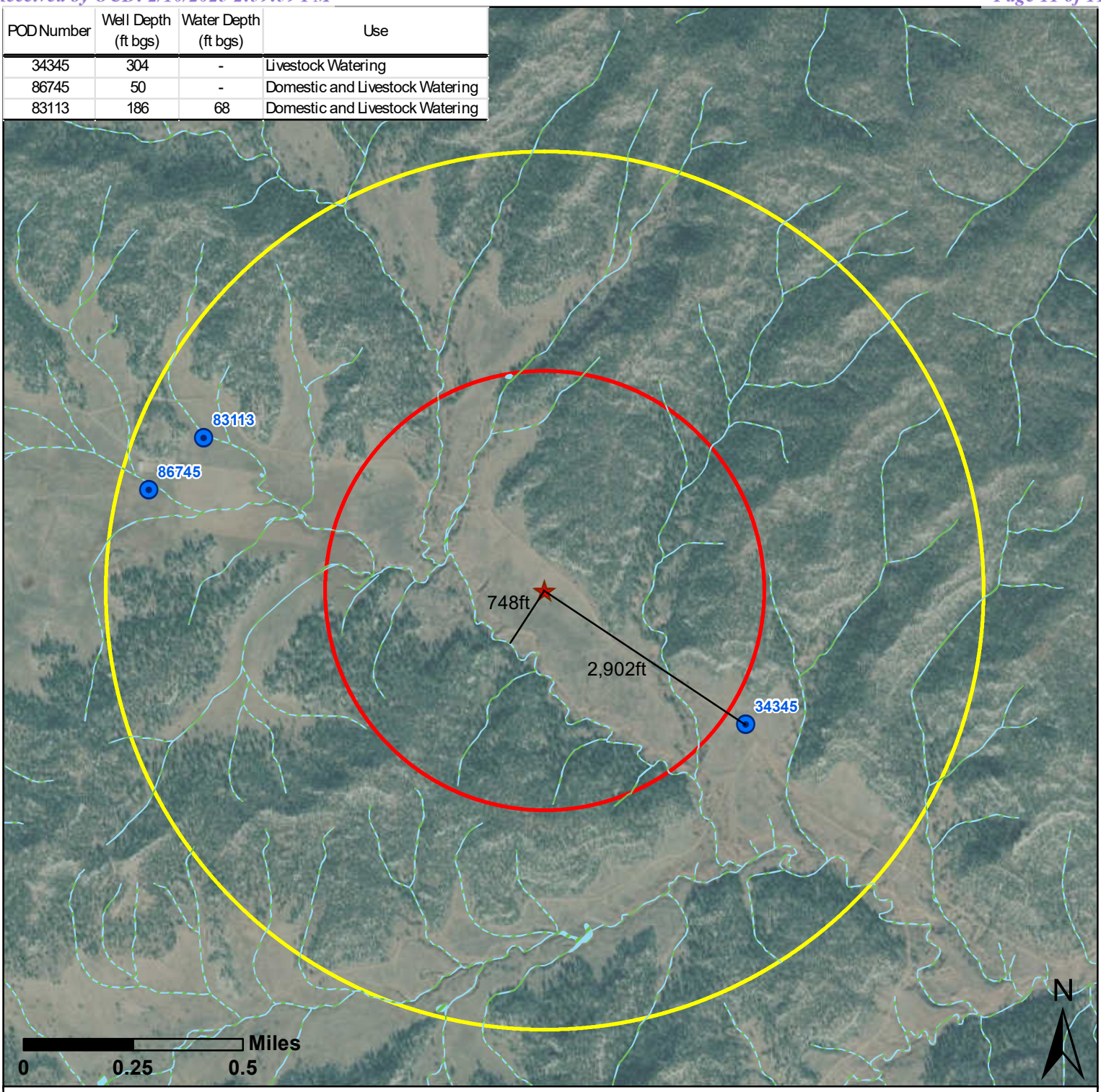
PID - Photoionization Detector
TPH - Total Petroleum Hydrocarbons
GRO - Gasoline Range Organics
DRO - Diesel Range Organics
OCD - State of New Mexico Oil Conservation Division
EXT - Extended
BTEX- Benzene, Toluene, Ethylbenzene, Total Xylenes
NA - Not Applicable
bgs - below ground surface

ppm - parts per million
mg/kg - milligrams per kilogram
Bold values exceed the OCD Standard.
TPH values detected below the reporting limit are not included in Total TPH calculations
BTEX values detected below the reporting limit are not included in Total BTEX calculations
OCD Standards are closure criteria standards for sites with groundwater less than 50 feet bgs

Cottonwood CONSULTING

Figures

POD Number	Well Depth (ft bgs)	Water Depth (ft bgs)	Use
34345	304	-	Livestock Watering
86745	50	-	Domestic and Livestock Watering
83113	186	68	Domestic and Livestock Watering



Notes: Water well data from the New Mexico Office of the State Engineer. Wetland data from the National Hydrography Dataset. Floodplain data from the Federal Emergency Management Agency.

Legend

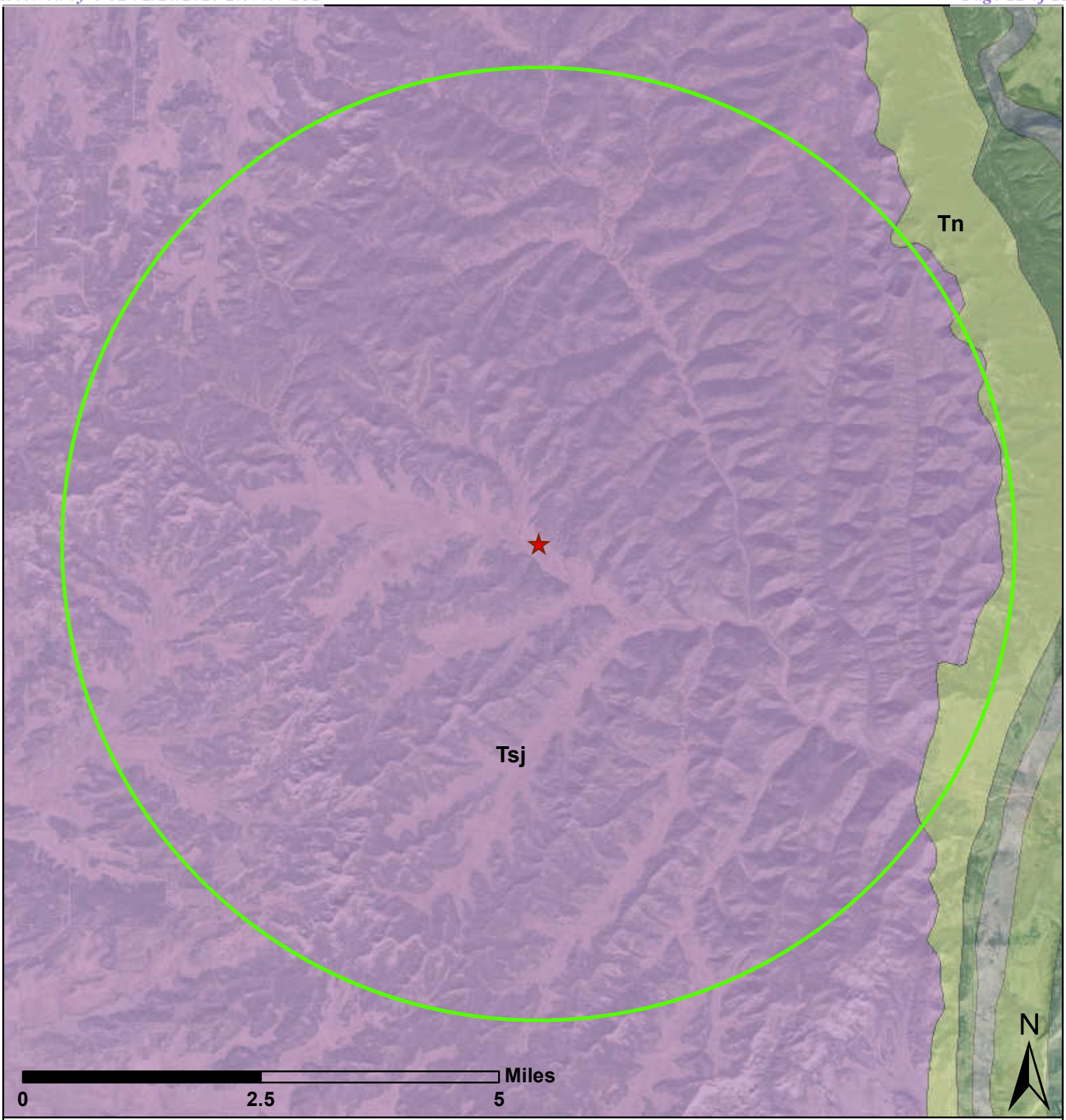
- Point of Release
- Point of Diversion
- 1 Mile Buffer
- 1/2 Mile Buffer
- Wetland
- D; Area with Possible but Undetermined Flood Hazards

Cottonwood CONSULTING

Mapping by: E. Millar, 1/14/2025
Coordinate System:
NAD 1983 UTM Zone 13 N

Location: Section 4 T25N R1W NMPM

Figure 1
Canada Ojitos Unit #047
Hydrology Map
Benson-Montin-Greer Drilling Corp



Notes: Mine data from the New Mexico Mining and Minerals Division. Surficial geology data from the 1997 USGS Geologic Map of New Mexico.

Legend

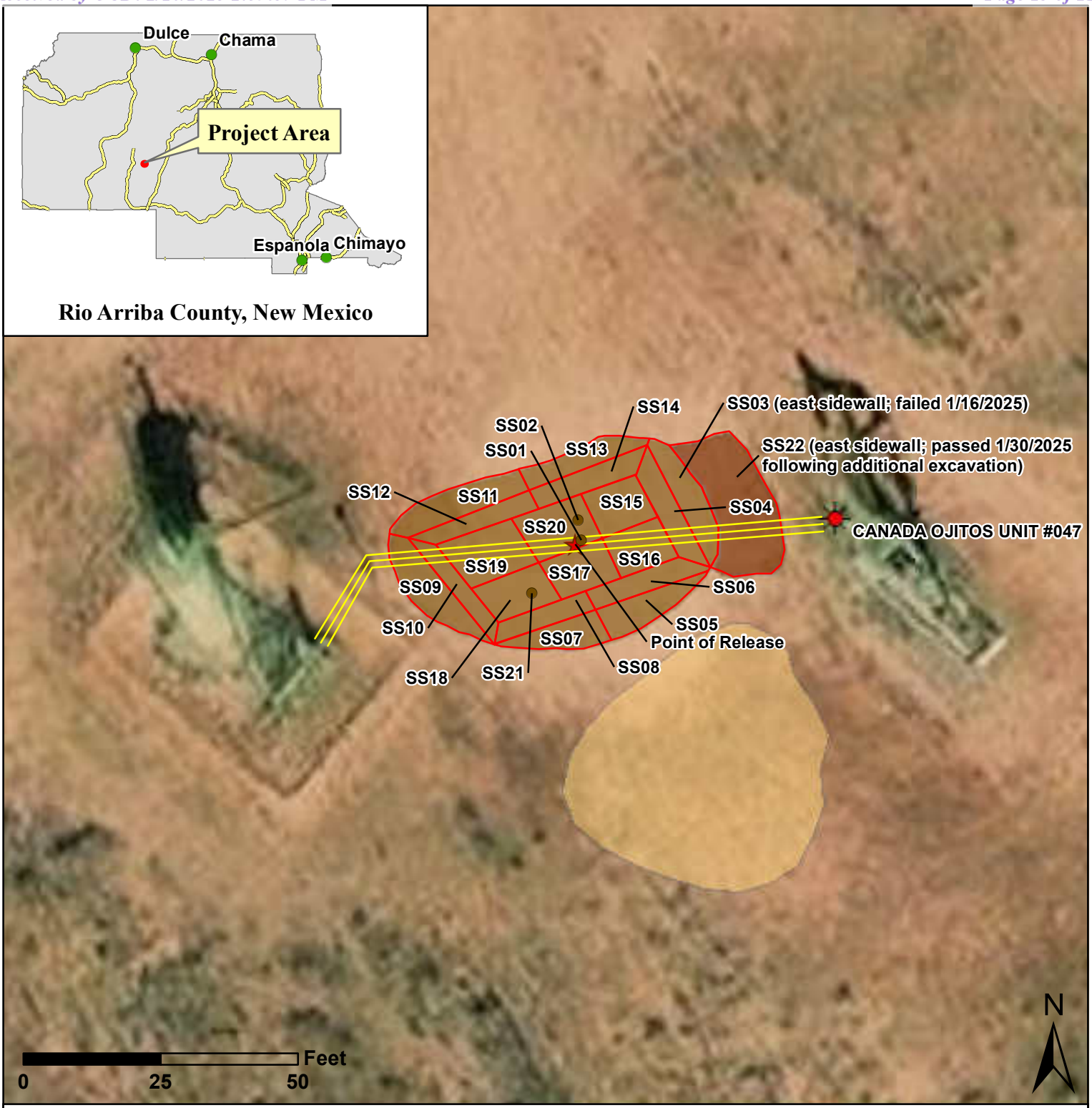
- Point of Release
- 5 Mile Buffer
- Tn; Nacimiento Formation
- Tsj; San Jose Formation

Cottonwood CONSULTING

Mapping by: E. Millar, 1/14/2025
Coordinate System:
NAD 1983 UTM Zone 13 N

Location: Section 4 T25N R1W NMPM

Figure 2
Canada Ojitos Unit #047
Geology and Mining Map
Benson-Montin-Greer Drilling Corp



Notes: SS01 and SS02 are discrete samples collected 1/13/2025. SS03-SS20 are five-point composite samples collected 1/16/2025. SS21 is a discrete sample collected 1/16/2025. SS22 is a five-point composite soil sample collected 1/30/2025.

Legend

- Oil & Gas Well
- Soil Sample
- Point of Release
- Flowline
- Sample Area (1/16/2025)
- Excavation Area (1/30/2024)
- Excavation Area (1/16/2025)
- Spoils Pile (1/16/2025)

Cottonwood CONSULTING

Mapping by: E. Millar & K. O'Brien, 2/10/2025
Coordinate System: NAD 1983 UTM Zone 13 N

Location: Section 4 T25N R1W NMPM

Figure 3
Canada Ojitos Unit #047
Project Map
Benson-Montin-Greer Drilling Corp

Attachment 1

Cottonwood CONSULTING

Release Calculation

Well Information

Well Site: COU #047

API: 30-039-30980

Release Information

Release Type: Equipment Failure (Flowline leak)

Type of impact: Crude oil

Excavated Material (yds): ~256 yards

Excavation Area: 1152 sq ft

Saturated Material: ~20 yards (based off field observations)

Wet Area: ~154 sq ft (based of saturated material observed)

Soil Type: Silty sand (60% sand / 40% silt/clay), brown, fine – vf grain.

Calculation (Volume Released)

Material Type (Sand)

154 sq ft x 3.5 ft x 3.4 x 0.60 = 1099.56 gallons

1099.56 gallons = 26 barrels of fluid released.

Material Type (Clay)

154 sq ft x 3.5 ft x 1 x 0.40 = 215.6 gallons

215.6 gallons = 5 barrels of fluid released.

Total Estimated Volume Released = 31 barrels

Notes:

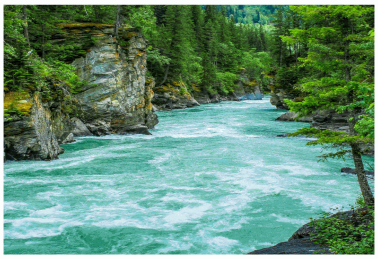
- Liquid Capacity of Soils:
  - Clay = 1.0 gallons/cubic foot
  - Sand = 3.4 gallons /cubic foot
  - Gravel = 3.6 gallons/cubic foot
  - Standing fluid = 7.5 gallons/cubic foot

- Release Volume Calculation= Horizontal Square Footage x Vertical Depth in Feet x Liquid Capacity of Soil Factor = Volume (gallons) Released
- 1 barrel= 42 gallons

Attachment 2

Report to:

Kyle Siesser



5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Cottonwood Consulting

Project Name: COU #047

Work Order: E501079

Job Number: 20035-C-0001

Received: 1/14/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
1/16/25

Date Reported: 1/16/25

Kyle Siesser
PO Box 1653
Durango, CO 81302

Project Name: COU #047
Workorder: E501079
Date Received: 1/14/2025 10:33:00AM

Kyle Siesser,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/14/2025 10:33:00AM, under the Project Name: COU #047.

The analytical test results summarized in this report with the Project Name: COU #047 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

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

Field Offices:

Southern New Mexico Area

Lynn Jarboe
Laboratory Technical Representative
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljarboe@envirotech-inc.com

Michelle Gonzales
Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page 1

Cover Page 2

Table of Contents 3

Sample Summary 4

Sample Data 5

SS01 5

SS02 6

QC Summary Data 7

QC - Volatile Organics by EPA 8021B 7

QC - Nonhalogenated Organics by EPA 8015D - GRO 8

QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO 9

QC - Anions by EPA 300.0/9056A 10

Definitions and Notes 11

Chain of Custody etc. 12

Sample Summary

Cottonwood Consulting	Project Name:	COU #047	**Reported:**
PO Box 1653	Project Number:	20035-C-0001	
Durango CO, 81302	Project Manager:	Kyle Siesser	01/16/25 11:17

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS01	E501079-01A	Soil	01/13/25	01/14/25	Glass Jar, 4 oz.
	E501079-01B	Soil	01/13/25	01/14/25	Glass Jar, 4 oz.
SS02	E501079-02A	Soil	01/13/25	01/14/25	Glass Jar, 4 oz.
	E501079-02B	Soil	01/13/25	01/14/25	Glass Jar, 4 oz.
SS03	E501079-03A	Soil	01/13/25	01/14/25	Glass Jar, 4 oz.
	E501079-03B	Soil	01/13/25	01/14/25	Glass Jar, 4 oz.
SS04	E501079-04A	Soil	01/13/25	01/14/25	Glass Jar, 4 oz.
	E501079-04B	Soil	01/13/25	01/14/25	Glass Jar, 4 oz.
SS05	E501079-05A	Soil	01/13/25	01/14/25	Glass Jar, 4 oz.
	E501079-05B	Soil	01/13/25	01/14/25	Glass Jar, 4 oz.
SS06	E501079-06A	Soil	01/13/25	01/14/25	Glass Jar, 4 oz.
	E501079-06B	Soil	01/13/25	01/14/25	Glass Jar, 4 oz.
SS07	E501079-07A	Soil	01/13/25	01/14/25	Glass Jar, 4 oz.
	E501079-07B	Soil	01/13/25	01/14/25	Glass Jar, 4 oz.
SS08	E501079-08A	Soil	01/13/25	01/14/25	Glass Jar, 4 oz.
	E501079-08B	Soil	01/13/25	01/14/25	Glass Jar, 4 oz.
SS09	E501079-09A	Soil	01/13/25	01/14/25	Glass Jar, 4 oz.
	E501079-09B	Soil	01/13/25	01/14/25	Glass Jar, 4 oz.
SS10	E501079-10A	Soil	01/13/25	01/14/25	Glass Jar, 4 oz.
	E501079-10B	Soil	01/13/25	01/14/25	Glass Jar, 4 oz.

Sample Data

Cottonwood Consulting	Project Name:	COU #047	
PO Box 1653	Project Number:	20035-C-0001	**Reported:**
Durango CO, 81302	Project Manager:	Kyle Siesser	1/16/2025 11:17:34AM

SS01

E501079-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2503034
Benzene	**9.03**	1.25	50	01/14/25	01/14/25	
Ethylbenzene	**18.0**	1.25	50	01/14/25	01/14/25	
Toluene	**28.8**	1.25	50	01/14/25	01/14/25	
o-Xylene	**28.6**	1.25	50	01/14/25	01/14/25	
p,m-Xylene	**81.8**	2.50	50	01/14/25	01/14/25	
Total Xylenes	**110**	1.25	50	01/14/25	01/14/25	
Surrogate: 4-Bromochlorobenzene-PID		*88.4 %*	*70-130*	*01/14/25*	*01/14/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2503034
Gasoline Range Organics (C6-C10)	**1630**	1000	50	01/14/25	01/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.6 %*	*70-130*	*01/14/25*	*01/14/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2503047
Diesel Range Organics (C10-C28)	**24100**	500	20	01/14/25	01/15/25	T9
Oil Range Organics (C28-C36)	**7610**	1000	20	01/14/25	01/15/25	
Surrogate: n-Nonane		*2120 %*	*50-200*	*01/14/25*	*01/15/25*	*S5*
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2503033
Chloride	**311**	20.0	1	01/14/25	01/14/25	

Sample Data

Cottonwood Consulting	Project Name:	COU #047	
PO Box 1653	Project Number:	20035-C-0001	**Reported:**
Durango CO, 81302	Project Manager:	Kyle Siesser	1/16/2025 11:17:34AM

SS02

E501079-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2503034
Benzene	**2.48**	0.0500	2	01/14/25	01/14/25	
Ethylbenzene	**8.46**	0.0500	2	01/14/25	01/14/25	
Toluene	**11.4**	0.0500	2	01/14/25	01/14/25	
o-Xylene	**13.3**	0.0500	2	01/14/25	01/14/25	
p,m-Xylene	**37.5**	0.100	2	01/14/25	01/14/25	
Total Xylenes	**50.8**	0.0500	2	01/14/25	01/14/25	
Surrogate: 4-Bromochlorobenzene-PID		*89.6 %*	*70-130*	*01/14/25*	*01/14/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2503034
Gasoline Range Organics (C6-C10)	**924**	40.0	2	01/14/25	01/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*124 %*	*70-130*	*01/14/25*	*01/14/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2503047
Diesel Range Organics (C10-C28)	**8040**	250	10	01/14/25	01/15/25	T9
Oil Range Organics (C28-C36)	**2140**	500	10	01/14/25	01/15/25	
Surrogate: n-Nonane		*643 %*	*50-200*	*01/14/25*	*01/15/25*	*S5*
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2503033
Chloride	**64.6**	20.0	1	01/14/25	01/14/25	

QC Summary Data

Cottonwood Consulting	Project Name:	COU #047	**Reported:**
PO Box 1653	Project Number:	20035-C-0001	
Durango CO, 81302	Project Manager:	Kyle Siesser	1/16/2025 11:17:34AM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2503034-BLK1)									Prepared: 01/14/25 Analyzed: 01/14/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*6.94*		*8.00*		*86.7*	*70-130*			
LCS (2503034-BS1)									Prepared: 01/14/25 Analyzed: 01/14/25
Benzene	4.87	0.0250	5.00		97.4	70-130			
Ethylbenzene	4.70	0.0250	5.00		94.1	70-130			
Toluene	4.81	0.0250	5.00		96.1	70-130			
o-Xylene	4.69	0.0250	5.00		93.9	70-130			
p,m-Xylene	9.57	0.0500	10.0		95.7	70-130			
Total Xylenes	14.3	0.0250	15.0		95.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*6.94*		*8.00*		*86.7*	*70-130*			
Matrix Spike (2503034-MS1)				**Source: E501072-05**					Prepared: 01/14/25 Analyzed: 01/14/25
Benzene	5.31	0.0250	5.00	ND	106	54-133			
Ethylbenzene	5.14	0.0250	5.00	ND	103	61-133			
Toluene	5.26	0.0250	5.00	ND	105	61-130			
o-Xylene	5.13	0.0250	5.00	ND	103	63-131			
p,m-Xylene	10.4	0.0500	10.0	ND	104	63-131			
Total Xylenes	15.6	0.0250	15.0	ND	104	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.01*		*8.00*		*87.7*	*70-130*			
Matrix Spike Dup (2503034-MSD1)				**Source: E501072-05**					Prepared: 01/14/25 Analyzed: 01/14/25
Benzene	4.89	0.0250	5.00	ND	97.8	54-133	8.30	20	
Ethylbenzene	4.74	0.0250	5.00	ND	94.8	61-133	8.01	20	
Toluene	4.85	0.0250	5.00	ND	97.0	61-130	8.11	20	
o-Xylene	4.74	0.0250	5.00	ND	94.7	63-131	7.98	20	
p,m-Xylene	9.67	0.0500	10.0	ND	96.7	63-131	7.79	20	
Total Xylenes	14.4	0.0250	15.0	ND	96.0	63-131	7.85	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.04*		*8.00*		*88.0*	*70-130*			

QC Summary Data

Cottonwood Consulting	Project Name:	COU #047	**Reported:**
PO Box 1653	Project Number:	20035-C-0001	
Durango CO, 81302	Project Manager:	Kyle Siesser	1/16/2025 11:17:34AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2503034-BLK1)									Prepared: 01/14/25 Analyzed: 01/14/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.55*		*8.00*		*94.4*	*70-130*			
LCS (2503034-BS2)									Prepared: 01/14/25 Analyzed: 01/14/25
Gasoline Range Organics (C6-C10)	41.2	20.0	50.0		82.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.79*		*8.00*		*97.4*	*70-130*			
Matrix Spike (2503034-MS2)				**Source: E501072-05**					Prepared: 01/14/25 Analyzed: 01/14/25
Gasoline Range Organics (C6-C10)	39.0	20.0	50.0	ND	78.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.58*		*8.00*		*94.7*	*70-130*			
Matrix Spike Dup (2503034-MSD2)				**Source: E501072-05**					Prepared: 01/14/25 Analyzed: 01/14/25
Gasoline Range Organics (C6-C10)	41.5	20.0	50.0	ND	83.1	70-130	6.33	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.60*		*8.00*		*95.0*	*70-130*			

QC Summary Data

Cottonwood Consulting	Project Name:	COU #047	**Reported:**
PO Box 1653	Project Number:	20035-C-0001	
Durango CO, 81302	Project Manager:	Kyle Siesser	1/16/2025 11:17:34AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2503047-BLK1)									Prepared: 01/14/25 Analyzed: 01/14/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*55.4*		*50.0*		*111*	*50-200*			
LCS (2503047-BS1)									Prepared: 01/14/25 Analyzed: 01/14/25
Diesel Range Organics (C10-C28)	258	25.0	250		103	38-132			
Surrogate: n-Nonane	*56.0*		*50.0*		*112*	*50-200*			
Matrix Spike (2503047-MS1)				**Source: E501072-03**					Prepared: 01/14/25 Analyzed: 01/15/25
Diesel Range Organics (C10-C28)	4670	50.0	250	5400	NR	38-132			M4
Surrogate: n-Nonane	*56.6*		*50.0*		*113*	*50-200*			
Matrix Spike Dup (2503047-MSD1)				**Source: E501072-03**					Prepared: 01/14/25 Analyzed: 01/15/25
Diesel Range Organics (C10-C28)	4360	50.0	250	5400	NR	38-132	6.80	20	M4
Surrogate: n-Nonane	*55.7*		*50.0*		*111*	*50-200*			

QC Summary Data

Cottonwood Consulting	Project Name:	COU #047	**Reported:**
PO Box 1653	Project Number:	20035-C-0001	
Durango CO, 81302	Project Manager:	Kyle Siesser	1/16/2025 11:17:34AM

Anions by EPA 300.0/9056A

Analyst: JM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2503033-BLK1)									Prepared: 01/14/25 Analyzed: 01/14/25
Chloride	ND	20.0							
LCS (2503033-BS1)									Prepared: 01/14/25 Analyzed: 01/14/25
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2503033-MS1)				**Source: E501076-03**					Prepared: 01/14/25 Analyzed: 01/14/25
Chloride	857	20.0	250	600	102	80-120			
Matrix Spike Dup (2503033-MSD1)				**Source: E501076-03**					Prepared: 01/14/25 Analyzed: 01/14/25
Chloride	850	20.0	250	600	99.8	80-120	0.765	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

Cottonwood Consulting	Project Name:	COU #047	
PO Box 1653	Project Number:	20035-C-0001	**Reported:**
Durango CO, 81302	Project Manager:	Kyle Siesser	01/16/25 11:17

M4	Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.
S5	Surrogate spike recovery exceeded acceptance limits due to interfering target and/or non-target analytes.
T9	DRO includes undifferentiated early eluting analytes characteristic of GRO.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Project Information | Chain of Custody | Page 1 of 1

Client: Cottonwood Consulting		Bill To	
Project: COG #047		Attention:	
Project Manager: Kyle Siesser		Address:	
Address: PO Box 1653		City, State, Zip	
City, State, Zip Durango, CO 81302		Phone:	
Phone: 970-764-7356		Email:	
Email: ksiesser@cottonwoodconsulting.com			
Report due by: please see additional instructions.			

Lab Use Only		TAT				EPA Program	
Lab WO#	Job Number	1D	2D	3D	Standard	CWA	SDWA
E501079	20035-C-0001						RCRA

State					
NM	CO	UT	AZ	TX	
X	x				

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	Remarks
1015	1-13-25	Soil	2	SS01	1	X	X	X			X	1 Day turnaround
1510				SS02	2							1 Day turnaround
1515				SS03	3							Please Hold
1520				SS04	4							
1525				SS05	5							
1540				SS06	6							
1600				SS07	7							
1605				SS08	8							
1610				SS09	9							
1630				SS10	10							

Additional Instructions: Please email jlafortune@cottonwoodconsulting.com and please cc emillar@cottonwoodconsulting.com with results CM 1/14/25 Please rush samples SS01 and SS02. Please hold remaining sample pending initial results.

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

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	1-14-25	0948	Camden Briggs	1-14-25	9:44
Camden Briggs	1-14-25	~~9:~~ 10:30	[signature]	1.14.25	10:33
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on ice: (Y) / N
T1 T2 T3
AVG Temp °C 4

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other

Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech

Envirotech Analytical Laboratory

Printed: 1/14/2025 10:47:02AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Cottonwood Consulting	Date Received:	01/14/25 10:33	Work Order ID:	E501079
Phone:	970-764-7356	Date Logged In:	01/14/25 10:35	Logged In By:	Caitlin Mars
Email:	ksiesser@cottonwoodconsulting.com	Due Date:	01/15/25 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes	

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

14. Are aqueous VOC samples present?	No	
15. Are VOC samples collected in VOA Vials?	NA	
16. Is the head space less than 6-8 mm (pea sized or less)?	NA	
17. Was a trip blank (TB) included for VOC analyses?	NA	
18. Are non-VOC samples collected in the correct containers?	Yes	
19. Is the appropriate volume/weight or number of sample containers collected?	Yes	

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	Yes	

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Comments/Resolution

In Client Remarks: 1 Day TAT for the first 2 samples. Hold the rest pending results for samples SS01 and SS02. Sampled by not provided on COC.

Client Instruction

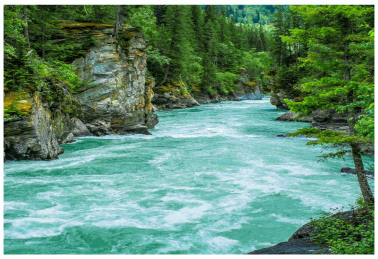
Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Kyle Siesser



5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Cottonwood Consulting

Project Name:	Canada Ojitos Unit #047
Work Order:	E501116
Job Number:	20035-C-0001
Received:	1/17/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
1/24/25

Date Reported: 1/24/25

Kyle Siesser
PO Box 1653
Durango, CO 81302

Project Name: Canada Ojitos Unit #047
Workorder: E501116
Date Received: 1/17/2025 12:57:00PM

Kyle Siesser,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/17/2025 12:57:00PM, under the Project Name: Canada Ojitos Unit #047.

The analytical test results summarized in this report with the Project Name: Canada Ojitos Unit #047 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

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

Field Offices:

Southern New Mexico Area

Lynn Jarboe
Laboratory Technical Representative
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljarboe@envirotech-inc.com

Michelle Gonzales
Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page 1

Cover Page 2

Table of Contents 3

Sample Summary 5

Sample Data 6

SS03 6

SS04 7

SS05 8

SS06 9

SS07 10

SS08 11

SS09 12

SS10 13

SS11 14

SS12 15

SS13 16

SS14 17

SS15 18

SS16 19

SS17 20

SS18 21

SS19 22

SS20 23

SS21 24

QC Summary Data 25

Table of Contents (continued)

QC - Volatile Organic Compounds by EPA8260B 25

QC - Nonhalogenated Organics by EPA 8015D - GRO 26

QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO 27

QC - Anions by EPA 300.0/9056A 28

Definitions and Notes 29

Chain of Custody etc. 30

Sample Summary

Cottonwood Consulting	Project Name:	Canada Ojitos Unit #047	**Reported:**
PO Box 1653	Project Number:	20035-C-0001	
Durango CO, 81302	Project Manager:	Kyle Siesser	01/24/25 13:24

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS03	E501116-01A	Soil	01/16/25	01/17/25	Glass Jar, 4 oz.
SS04	E501116-02A	Soil	01/16/25	01/17/25	Glass Jar, 4 oz.
SS05	E501116-03A	Soil	01/16/25	01/17/25	Glass Jar, 4 oz.
SS06	E501116-04A	Soil	01/16/25	01/17/25	Glass Jar, 4 oz.
SS07	E501116-05A	Soil	01/16/25	01/17/25	Glass Jar, 4 oz.
SS08	E501116-06A	Soil	01/16/25	01/17/25	Glass Jar, 4 oz.
SS09	E501116-07A	Soil	01/16/25	01/17/25	Glass Jar, 4 oz.
SS10	E501116-08A	Soil	01/16/25	01/17/25	Glass Jar, 4 oz.
SS11	E501116-09A	Soil	01/16/25	01/17/25	Glass Jar, 4 oz.
SS12	E501116-10A	Soil	01/16/25	01/17/25	Glass Jar, 4 oz.
SS13	E501116-11A	Soil	01/16/25	01/17/25	Glass Jar, 4 oz.
SS14	E501116-12A	Soil	01/16/25	01/17/25	Glass Jar, 4 oz.
SS15	E501116-13A	Soil	01/16/25	01/17/25	Glass Jar, 4 oz.
SS16	E501116-14A	Soil	01/16/25	01/17/25	Glass Jar, 4 oz.
SS17	E501116-15A	Soil	01/16/25	01/17/25	Glass Jar, 4 oz.
SS18	E501116-16A	Soil	01/16/25	01/17/25	Glass Jar, 4 oz.
SS19	E501116-17A	Soil	01/16/25	01/17/25	Glass Jar, 4 oz.
SS20	E501116-18A	Soil	01/16/25	01/17/25	Glass Jar, 4 oz.
SS21	E501116-19A	Soil	01/16/25	01/17/25	Glass Jar, 4 oz.

Sample Data

Cottonwood Consulting	Project Name:	Canada Ojitos Unit #047	
PO Box 1653	Project Number:	20035-C-0001	**Reported:**
Durango CO, 81302	Project Manager:	Kyle Siesser	1/24/2025 1:24:49PM

SS03

E501116-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2504005
Benzene	ND	0.0250	1	01/20/25	01/21/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/21/25	
Toluene	ND	0.0250	1	01/20/25	01/21/25	
o-Xylene	ND	0.0250	1	01/20/25	01/21/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/21/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/21/25	
Surrogate: Bromofluorobenzene		*99.2 %*	*70-130*	*01/20/25*	*01/21/25*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*01/20/25*	*01/21/25*	
Surrogate: Toluene-d8		*96.7 %*	*70-130*	*01/20/25*	*01/21/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2504005
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/21/25	
Surrogate: Bromofluorobenzene		*99.2 %*	*70-130*	*01/20/25*	*01/21/25*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*01/20/25*	*01/21/25*	
Surrogate: Toluene-d8		*96.7 %*	*70-130*	*01/20/25*	*01/21/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2504014
Diesel Range Organics (C10-C28)	**254**	25.0	1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	**73.7**	50.0	1	01/20/25	01/21/25	
Surrogate: n-Nonane		*119 %*	*50-200*	*01/20/25*	*01/21/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2504034
Chloride	**111**	20.0	1	01/20/25	01/21/25	

Sample Data

Cottonwood Consulting	Project Name:	Canada Ojitos Unit #047	
PO Box 1653	Project Number:	20035-C-0001	**Reported:**
Durango CO, 81302	Project Manager:	Kyle Siesser	1/24/2025 1:24:49PM

SS04

E501116-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2504005
Benzene	ND	0.0250	1	01/20/25	01/21/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/21/25	
Toluene	ND	0.0250	1	01/20/25	01/21/25	
o-Xylene	**0.0320**	0.0250	1	01/20/25	01/21/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/21/25	
Total Xylenes	**0.0320**	0.0250	1	01/20/25	01/21/25	
Surrogate: Bromofluorobenzene		*97.0 %*	*70-130*	*01/20/25*	*01/21/25*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*01/20/25*	*01/21/25*	
Surrogate: Toluene-d8		*94.8 %*	*70-130*	*01/20/25*	*01/21/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2504005
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/21/25	
Surrogate: Bromofluorobenzene		*97.0 %*	*70-130*	*01/20/25*	*01/21/25*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*01/20/25*	*01/21/25*	
Surrogate: Toluene-d8		*94.8 %*	*70-130*	*01/20/25*	*01/21/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2504014
Diesel Range Organics (C10-C28)	**55.0**	25.0	1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/25	01/21/25	
Surrogate: n-Nonane		*115 %*	*50-200*	*01/20/25*	*01/21/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2504034
Chloride	**57.5**	20.0	1	01/20/25	01/21/25	

Sample Data

Cottonwood Consulting	Project Name:	Canada Ojitos Unit #047	
PO Box 1653	Project Number:	20035-C-0001	**Reported:**
Durango CO, 81302	Project Manager:	Kyle Siesser	1/24/2025 1:24:49PM

SS05

E501116-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2504005
Benzene	ND	0.0250	1	01/20/25	01/21/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/21/25	
Toluene	ND	0.0250	1	01/20/25	01/21/25	
o-Xylene	ND	0.0250	1	01/20/25	01/21/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/21/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/21/25	
Surrogate: Bromofluorobenzene		*98.5 %*	*70-130*	*01/20/25*	*01/21/25*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*01/20/25*	*01/21/25*	
Surrogate: Toluene-d8		*97.0 %*	*70-130*	*01/20/25*	*01/21/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2504005
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/21/25	
Surrogate: Bromofluorobenzene		*98.5 %*	*70-130*	*01/20/25*	*01/21/25*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*01/20/25*	*01/21/25*	
Surrogate: Toluene-d8		*97.0 %*	*70-130*	*01/20/25*	*01/21/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2504014
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/25	01/21/25	
Surrogate: n-Nonane		*109 %*	*50-200*	*01/20/25*	*01/21/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2504034
Chloride	ND	20.0	1	01/20/25	01/21/25	

Sample Data

Cottonwood Consulting	Project Name:	Canada Ojitos Unit #047	
PO Box 1653	Project Number:	20035-C-0001	**Reported:**
Durango CO, 81302	Project Manager:	Kyle Siesser	1/24/2025 1:24:49PM

SS06

E501116-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2504005
Benzene	ND	0.0250	1	01/20/25	01/21/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/21/25	
Toluene	ND	0.0250	1	01/20/25	01/21/25	
o-Xylene	ND	0.0250	1	01/20/25	01/21/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/21/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/21/25	
Surrogate: Bromofluorobenzene		*98.5 %*	*70-130*	*01/20/25*	*01/21/25*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*01/20/25*	*01/21/25*	
Surrogate: Toluene-d8		*96.5 %*	*70-130*	*01/20/25*	*01/21/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2504005
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/21/25	
Surrogate: Bromofluorobenzene		*98.5 %*	*70-130*	*01/20/25*	*01/21/25*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*01/20/25*	*01/21/25*	
Surrogate: Toluene-d8		*96.5 %*	*70-130*	*01/20/25*	*01/21/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2504014
Diesel Range Organics (C10-C28)	**43.5**	25.0	1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/25	01/21/25	
Surrogate: n-Nonane		*104 %*	*50-200*	*01/20/25*	*01/21/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2504034
Chloride	ND	20.0	1	01/20/25	01/21/25	

Sample Data

Cottonwood Consulting	Project Name:	Canada Ojitos Unit #047	
PO Box 1653	Project Number:	20035-C-0001	**Reported:**
Durango CO, 81302	Project Manager:	Kyle Siesser	1/24/2025 1:24:49PM

SS07

E501116-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2504005
Benzene	ND	0.0250	1	01/20/25	01/21/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/21/25	
Toluene	ND	0.0250	1	01/20/25	01/21/25	
o-Xylene	ND	0.0250	1	01/20/25	01/21/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/21/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/21/25	
Surrogate: Bromofluorobenzene		*98.2 %*	*70-130*	*01/20/25*	*01/21/25*	
Surrogate: 1,2-Dichloroethane-d4		*98.8 %*	*70-130*	*01/20/25*	*01/21/25*	
Surrogate: Toluene-d8		*98.0 %*	*70-130*	*01/20/25*	*01/21/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2504005
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/21/25	
Surrogate: Bromofluorobenzene		*98.2 %*	*70-130*	*01/20/25*	*01/21/25*	
Surrogate: 1,2-Dichloroethane-d4		*98.8 %*	*70-130*	*01/20/25*	*01/21/25*	
Surrogate: Toluene-d8		*98.0 %*	*70-130*	*01/20/25*	*01/21/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2504014
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/25	01/21/25	
Surrogate: n-Nonane		*109 %*	*50-200*	*01/20/25*	*01/21/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2504034
Chloride	ND	20.0	1	01/20/25	01/21/25	

Sample Data

Cottonwood Consulting	Project Name:	Canada Ojitos Unit #047	
PO Box 1653	Project Number:	20035-C-0001	**Reported:**
Durango CO, 81302	Project Manager:	Kyle Siesser	1/24/2025 1:24:49PM

SS08

E501116-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2504005
Benzene	ND	0.0250	1	01/20/25	01/21/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/21/25	
Toluene	ND	0.0250	1	01/20/25	01/21/25	
o-Xylene	ND	0.0250	1	01/20/25	01/21/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/21/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/21/25	
Surrogate: Bromofluorobenzene		*96.6 %*	*70-130*	*01/20/25*	*01/21/25*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*01/20/25*	*01/21/25*	
Surrogate: Toluene-d8		*96.8 %*	*70-130*	*01/20/25*	*01/21/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2504005
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/21/25	
Surrogate: Bromofluorobenzene		*96.6 %*	*70-130*	*01/20/25*	*01/21/25*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*01/20/25*	*01/21/25*	
Surrogate: Toluene-d8		*96.8 %*	*70-130*	*01/20/25*	*01/21/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2504014
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/25	01/21/25	
Surrogate: n-Nonane		*113 %*	*50-200*	*01/20/25*	*01/21/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2504034
Chloride	ND	20.0	1	01/20/25	01/21/25	

Sample Data

Cottonwood Consulting	Project Name:	Canada Ojitos Unit #047	
PO Box 1653	Project Number:	20035-C-0001	**Reported:**
Durango CO, 81302	Project Manager:	Kyle Siesser	1/24/2025 1:24:49PM

SS09

E501116-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2504005
Benzene	ND	0.0250	1	01/20/25	01/21/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/21/25	
Toluene	ND	0.0250	1	01/20/25	01/21/25	
o-Xylene	ND	0.0250	1	01/20/25	01/21/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/21/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/21/25	
Surrogate: Bromofluorobenzene		*97.3 %*	*70-130*	*01/20/25*	*01/21/25*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*01/20/25*	*01/21/25*	
Surrogate: Toluene-d8		*95.4 %*	*70-130*	*01/20/25*	*01/21/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2504005
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/21/25	
Surrogate: Bromofluorobenzene		*97.3 %*	*70-130*	*01/20/25*	*01/21/25*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*01/20/25*	*01/21/25*	
Surrogate: Toluene-d8		*95.4 %*	*70-130*	*01/20/25*	*01/21/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2504014
Diesel Range Organics (C10-C28)	**42.9**	25.0	1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/25	01/21/25	
Surrogate: n-Nonane		*112 %*	*50-200*	*01/20/25*	*01/21/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2504034
Chloride	**43.9**	20.0	1	01/20/25	01/21/25	

Sample Data

Cottonwood Consulting	Project Name:	Canada Ojitos Unit #047	
PO Box 1653	Project Number:	20035-C-0001	**Reported:**
Durango CO, 81302	Project Manager:	Kyle Siesser	1/24/2025 1:24:49PM

SS10

E501116-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2504005
Benzene	ND	0.0250	1	01/20/25	01/21/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/21/25	
Toluene	ND	0.0250	1	01/20/25	01/21/25	
o-Xylene	ND	0.0250	1	01/20/25	01/21/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/21/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/21/25	
Surrogate: Bromofluorobenzene		*98.2 %*	*70-130*	*01/20/25*	*01/21/25*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*01/20/25*	*01/21/25*	
Surrogate: Toluene-d8		*97.2 %*	*70-130*	*01/20/25*	*01/21/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2504005
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/21/25	
Surrogate: Bromofluorobenzene		*98.2 %*	*70-130*	*01/20/25*	*01/21/25*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*01/20/25*	*01/21/25*	
Surrogate: Toluene-d8		*97.2 %*	*70-130*	*01/20/25*	*01/21/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2504014
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/25	01/21/25	
Surrogate: n-Nonane		*112 %*	*50-200*	*01/20/25*	*01/21/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2504034
Chloride	ND	20.0	1	01/20/25	01/21/25	

Sample Data

Cottonwood Consulting	Project Name:	Canada Ojitos Unit #047	
PO Box 1653	Project Number:	20035-C-0001	**Reported:**
Durango CO, 81302	Project Manager:	Kyle Siesser	1/24/2025 1:24:49PM

SS11

E501116-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2504005
Benzene	ND	0.0250	1	01/20/25	01/21/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/21/25	
Toluene	ND	0.0250	1	01/20/25	01/21/25	
o-Xylene	ND	0.0250	1	01/20/25	01/21/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/21/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/21/25	
Surrogate: Bromofluorobenzene		*98.8 %*	*70-130*	*01/20/25*	*01/21/25*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*01/20/25*	*01/21/25*	
Surrogate: Toluene-d8		*98.2 %*	*70-130*	*01/20/25*	*01/21/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2504005
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/21/25	
Surrogate: Bromofluorobenzene		*98.8 %*	*70-130*	*01/20/25*	*01/21/25*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*01/20/25*	*01/21/25*	
Surrogate: Toluene-d8		*98.2 %*	*70-130*	*01/20/25*	*01/21/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2504014
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/25	01/21/25	
Surrogate: n-Nonane		*119 %*	*50-200*	*01/20/25*	*01/21/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2504034
Chloride	ND	20.0	1	01/20/25	01/21/25	

Sample Data

Cottonwood Consulting	Project Name:	Canada Ojitos Unit #047	
PO Box 1653	Project Number:	20035-C-0001	**Reported:**
Durango CO, 81302	Project Manager:	Kyle Siesser	1/24/2025 1:24:49PM

SS12

E501116-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2504005
Benzene	ND	0.0250	1	01/20/25	01/21/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/21/25	
Toluene	ND	0.0250	1	01/20/25	01/21/25	
o-Xylene	ND	0.0250	1	01/20/25	01/21/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/21/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/21/25	
Surrogate: Bromofluorobenzene		*95.4 %*	*70-130*	*01/20/25*	*01/21/25*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*01/20/25*	*01/21/25*	
Surrogate: Toluene-d8		*96.7 %*	*70-130*	*01/20/25*	*01/21/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2504005
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/21/25	
Surrogate: Bromofluorobenzene		*95.4 %*	*70-130*	*01/20/25*	*01/21/25*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*01/20/25*	*01/21/25*	
Surrogate: Toluene-d8		*96.7 %*	*70-130*	*01/20/25*	*01/21/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2504014
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/25	01/21/25	
Surrogate: n-Nonane		*112 %*	*50-200*	*01/20/25*	*01/21/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2504034
Chloride	ND	20.0	1	01/20/25	01/21/25	

Sample Data

Cottonwood Consulting	Project Name:	Canada Ojitos Unit #047	
PO Box 1653	Project Number:	20035-C-0001	**Reported:**
Durango CO, 81302	Project Manager:	Kyle Siesser	1/24/2025 1:24:49PM

SS13

E501116-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2504005
Benzene	ND	0.0250	1	01/20/25	01/21/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/21/25	
Toluene	ND	0.0250	1	01/20/25	01/21/25	
o-Xylene	ND	0.0250	1	01/20/25	01/21/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/21/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/21/25	
Surrogate: Bromofluorobenzene		*97.7 %*	*70-130*	*01/20/25*	*01/21/25*	
Surrogate: 1,2-Dichloroethane-d4		*99.0 %*	*70-130*	*01/20/25*	*01/21/25*	
Surrogate: Toluene-d8		*97.9 %*	*70-130*	*01/20/25*	*01/21/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2504005
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/21/25	
Surrogate: Bromofluorobenzene		*97.7 %*	*70-130*	*01/20/25*	*01/21/25*	
Surrogate: 1,2-Dichloroethane-d4		*99.0 %*	*70-130*	*01/20/25*	*01/21/25*	
Surrogate: Toluene-d8		*97.9 %*	*70-130*	*01/20/25*	*01/21/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2504014
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/25	01/21/25	
Surrogate: n-Nonane		*111 %*	*50-200*	*01/20/25*	*01/21/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2504034
Chloride	ND	20.0	1	01/20/25	01/21/25	

Sample Data

Cottonwood Consulting	Project Name:	Canada Ojitos Unit #047	
PO Box 1653	Project Number:	20035-C-0001	**Reported:**
Durango CO, 81302	Project Manager:	Kyle Siesser	1/24/2025 1:24:49PM

SS14

E501116-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2504005
Benzene	ND	0.0250	1	01/20/25	01/21/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/21/25	
Toluene	ND	0.0250	1	01/20/25	01/21/25	
o-Xylene	ND	0.0250	1	01/20/25	01/21/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/21/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/21/25	
Surrogate: Bromofluorobenzene		*97.7 %*	*70-130*	*01/20/25*	*01/21/25*	
Surrogate: 1,2-Dichloroethane-d4		*98.9 %*	*70-130*	*01/20/25*	*01/21/25*	
Surrogate: Toluene-d8		*96.4 %*	*70-130*	*01/20/25*	*01/21/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2504005
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/21/25	
Surrogate: Bromofluorobenzene		*97.7 %*	*70-130*	*01/20/25*	*01/21/25*	
Surrogate: 1,2-Dichloroethane-d4		*98.9 %*	*70-130*	*01/20/25*	*01/21/25*	
Surrogate: Toluene-d8		*96.4 %*	*70-130*	*01/20/25*	*01/21/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2504014
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/25	01/21/25	
Surrogate: n-Nonane		*111 %*	*50-200*	*01/20/25*	*01/21/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2504034
Chloride	ND	20.0	1	01/20/25	01/21/25	

Sample Data

Cottonwood Consulting	Project Name:	Canada Ojitos Unit #047	
PO Box 1653	Project Number:	20035-C-0001	**Reported:**
Durango CO, 81302	Project Manager:	Kyle Siesser	1/24/2025 1:24:49PM

SS15

E501116-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2504005
Benzene	ND	0.0250	1	01/20/25	01/21/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/21/25	
Toluene	ND	0.0250	1	01/20/25	01/21/25	
o-Xylene	ND	0.0250	1	01/20/25	01/21/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/21/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/21/25	
Surrogate: Bromofluorobenzene		*99.0 %*	*70-130*	*01/20/25*	*01/21/25*	
Surrogate: 1,2-Dichloroethane-d4		*99.6 %*	*70-130*	*01/20/25*	*01/21/25*	
Surrogate: Toluene-d8		*98.5 %*	*70-130*	*01/20/25*	*01/21/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2504005
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/21/25	
Surrogate: Bromofluorobenzene		*99.0 %*	*70-130*	*01/20/25*	*01/21/25*	
Surrogate: 1,2-Dichloroethane-d4		*99.6 %*	*70-130*	*01/20/25*	*01/21/25*	
Surrogate: Toluene-d8		*98.5 %*	*70-130*	*01/20/25*	*01/21/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2504014
Diesel Range Organics (C10-C28)	**99.0**	25.0	1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/25	01/21/25	
Surrogate: n-Nonane		*109 %*	*50-200*	*01/20/25*	*01/21/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2504034
Chloride	ND	20.0	1	01/20/25	01/21/25	

Sample Data

Cottonwood Consulting	Project Name:	Canada Ojitos Unit #047	
PO Box 1653	Project Number:	20035-C-0001	**Reported:**
Durango CO, 81302	Project Manager:	Kyle Siesser	1/24/2025 1:24:49PM

SS16

E501116-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2504005
Benzene	ND	0.0250	1	01/20/25	01/21/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/21/25	
Toluene	ND	0.0250	1	01/20/25	01/21/25	
o-Xylene	ND	0.0250	1	01/20/25	01/21/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/21/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/21/25	
Surrogate: Bromofluorobenzene		*98.6 %*	*70-130*	*01/20/25*	*01/21/25*	
Surrogate: 1,2-Dichloroethane-d4		*99.1 %*	*70-130*	*01/20/25*	*01/21/25*	
Surrogate: Toluene-d8		*96.7 %*	*70-130*	*01/20/25*	*01/21/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2504005
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/21/25	
Surrogate: Bromofluorobenzene		*98.6 %*	*70-130*	*01/20/25*	*01/21/25*	
Surrogate: 1,2-Dichloroethane-d4		*99.1 %*	*70-130*	*01/20/25*	*01/21/25*	
Surrogate: Toluene-d8		*96.7 %*	*70-130*	*01/20/25*	*01/21/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2504014
Diesel Range Organics (C10-C28)	**44.2**	25.0	1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/25	01/21/25	
Surrogate: n-Nonane		*109 %*	*50-200*	*01/20/25*	*01/21/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2504034
Chloride	ND	20.0	1	01/20/25	01/21/25	

Sample Data

Cottonwood Consulting	Project Name:	Canada Ojitos Unit #047	
PO Box 1653	Project Number:	20035-C-0001	**Reported:**
Durango CO, 81302	Project Manager:	Kyle Siesser	1/24/2025 1:24:49PM

SS17

E501116-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2504005
Benzene	ND	0.0250	1	01/20/25	01/21/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/21/25	
Toluene	ND	0.0250	1	01/20/25	01/21/25	
o-Xylene	ND	0.0250	1	01/20/25	01/21/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/21/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/21/25	
Surrogate: Bromofluorobenzene		*99.8 %*	*70-130*	*01/20/25*	*01/21/25*	
Surrogate: 1,2-Dichloroethane-d4		*95.2 %*	*70-130*	*01/20/25*	*01/21/25*	
Surrogate: Toluene-d8		*97.2 %*	*70-130*	*01/20/25*	*01/21/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2504005
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/21/25	
Surrogate: Bromofluorobenzene		*99.8 %*	*70-130*	*01/20/25*	*01/21/25*	
Surrogate: 1,2-Dichloroethane-d4		*95.2 %*	*70-130*	*01/20/25*	*01/21/25*	
Surrogate: Toluene-d8		*97.2 %*	*70-130*	*01/20/25*	*01/21/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2504014
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/25	01/21/25	
Surrogate: n-Nonane		*110 %*	*50-200*	*01/20/25*	*01/21/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2504034
Chloride	ND	20.0	1	01/20/25	01/21/25	

Sample Data

Cottonwood Consulting	Project Name:	Canada Ojitos Unit #047	
PO Box 1653	Project Number:	20035-C-0001	**Reported:**
Durango CO, 81302	Project Manager:	Kyle Siesser	1/24/2025 1:24:49PM

SS18

E501116-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2504005
Benzene	ND	0.0250	1	01/20/25	01/21/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/21/25	
Toluene	ND	0.0250	1	01/20/25	01/21/25	
o-Xylene	ND	0.0250	1	01/20/25	01/21/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/21/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/21/25	
Surrogate: Bromofluorobenzene		*97.8 %*	*70-130*	*01/20/25*	*01/21/25*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*01/20/25*	*01/21/25*	
Surrogate: Toluene-d8		*95.1 %*	*70-130*	*01/20/25*	*01/21/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2504005
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/21/25	
Surrogate: Bromofluorobenzene		*97.8 %*	*70-130*	*01/20/25*	*01/21/25*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*01/20/25*	*01/21/25*	
Surrogate: Toluene-d8		*95.1 %*	*70-130*	*01/20/25*	*01/21/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2504014
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/25	01/21/25	
Surrogate: n-Nonane		*109 %*	*50-200*	*01/20/25*	*01/21/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2504034
Chloride	ND	20.0	1	01/20/25	01/21/25	

Sample Data

Cottonwood Consulting	Project Name:	Canada Ojitos Unit #047	
PO Box 1653	Project Number:	20035-C-0001	**Reported:**
Durango CO, 81302	Project Manager:	Kyle Siesser	1/24/2025 1:24:49PM

SS19

E501116-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2504005
Benzene	ND	0.0250	1	01/20/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/22/25	
Toluene	ND	0.0250	1	01/20/25	01/22/25	
o-Xylene	ND	0.0250	1	01/20/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/22/25	
Surrogate: Bromofluorobenzene		*97.8 %*	*70-130*	*01/20/25*	*01/22/25*	
Surrogate: 1,2-Dichloroethane-d4		*98.4 %*	*70-130*	*01/20/25*	*01/22/25*	
Surrogate: Toluene-d8		*95.6 %*	*70-130*	*01/20/25*	*01/22/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2504005
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/22/25	
Surrogate: Bromofluorobenzene		*97.8 %*	*70-130*	*01/20/25*	*01/22/25*	
Surrogate: 1,2-Dichloroethane-d4		*98.4 %*	*70-130*	*01/20/25*	*01/22/25*	
Surrogate: Toluene-d8		*95.6 %*	*70-130*	*01/20/25*	*01/22/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2504014
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/25	01/21/25	
Surrogate: n-Nonane		*107 %*	*50-200*	*01/20/25*	*01/21/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2504034
Chloride	ND	20.0	1	01/20/25	01/23/25	

Sample Data

Cottonwood Consulting	Project Name:	Canada Ojitos Unit #047	
PO Box 1653	Project Number:	20035-C-0001	**Reported:**
Durango CO, 81302	Project Manager:	Kyle Siesser	1/24/2025 1:24:49PM

SS20

E501116-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2504005
Benzene	ND	0.0250	1	01/20/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/22/25	
Toluene	ND	0.0250	1	01/20/25	01/22/25	
o-Xylene	**0.0285**	0.0250	1	01/20/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/22/25	
Total Xylenes	**0.0285**	0.0250	1	01/20/25	01/22/25	
Surrogate: Bromofluorobenzene		*98.8 %*	*70-130*	*01/20/25*	*01/22/25*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*01/20/25*	*01/22/25*	
Surrogate: Toluene-d8		*96.2 %*	*70-130*	*01/20/25*	*01/22/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2504005
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/22/25	
Surrogate: Bromofluorobenzene		*98.8 %*	*70-130*	*01/20/25*	*01/22/25*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*01/20/25*	*01/22/25*	
Surrogate: Toluene-d8		*96.2 %*	*70-130*	*01/20/25*	*01/22/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2504014
Diesel Range Organics (C10-C28)	**74.3**	25.0	1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/25	01/21/25	
Surrogate: n-Nonane		*108 %*	*50-200*	*01/20/25*	*01/21/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2504034
Chloride	ND	20.0	1	01/20/25	01/23/25	

Sample Data

Cottonwood Consulting	Project Name:	Canada Ojitos Unit #047	
PO Box 1653	Project Number:	20035-C-0001	**Reported:**
Durango CO, 81302	Project Manager:	Kyle Siesser	1/24/2025 1:24:49PM

SS21

E501116-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2504005
Benzene	ND	0.0250	1	01/20/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/22/25	
Toluene	ND	0.0250	1	01/20/25	01/22/25	
o-Xylene	ND	0.0250	1	01/20/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/22/25	
Surrogate: Bromofluorobenzene		*97.1 %*	*70-130*	*01/20/25*	*01/22/25*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*01/20/25*	*01/22/25*	
Surrogate: Toluene-d8		*96.3 %*	*70-130*	*01/20/25*	*01/22/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2504005
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/22/25	
Surrogate: Bromofluorobenzene		*97.1 %*	*70-130*	*01/20/25*	*01/22/25*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*01/20/25*	*01/22/25*	
Surrogate: Toluene-d8		*96.3 %*	*70-130*	*01/20/25*	*01/22/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2504014
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/25	01/21/25	
Surrogate: n-Nonane		*112 %*	*50-200*	*01/20/25*	*01/21/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2504034
Chloride	ND	20.0	1	01/20/25	01/23/25	

QC Summary Data

Cottonwood Consulting	Project Name:	Canada Ojitos Unit #047	**Reported:**
PO Box 1653	Project Number:	20035-C-0001	
Durango CO, 81302	Project Manager:	Kyle Siesser	1/24/2025 1:24:49PM

Volatile Organic Compounds by EPA 8260B

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2504005-BLK1)									Prepared: 01/20/25 Analyzed: 01/21/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	*0.484*		*0.500*		*96.7*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.494*		*0.500*		*98.8*	*70-130*			
Surrogate: Toluene-d8	*0.471*		*0.500*		*94.2*	*70-130*			
LCS (2504005-BS1)									Prepared: 01/20/25 Analyzed: 01/21/25
Benzene	2.15	0.0250	2.50		85.8	70-130			
Ethylbenzene	2.11	0.0250	2.50		84.2	70-130			
Toluene	2.05	0.0250	2.50		82.1	70-130			
o-Xylene	1.97	0.0250	2.50		78.6	70-130			
p,m-Xylene	3.95	0.0500	5.00		79.0	70-130			
Total Xylenes	5.92	0.0250	7.50		78.9	70-130			
Surrogate: Bromofluorobenzene	*0.486*		*0.500*		*97.2*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.509*		*0.500*		*102*	*70-130*			
Surrogate: Toluene-d8	*0.471*		*0.500*		*94.2*	*70-130*			
Matrix Spike (2504005-MS1)				**Source: E501116-03**					Prepared: 01/20/25 Analyzed: 01/21/25
Benzene	2.33	0.0250	2.50	ND	93.2	48-131			
Ethylbenzene	2.25	0.0250	2.50	ND	89.9	45-135			
Toluene	2.20	0.0250	2.50	ND	88.0	48-130			
o-Xylene	2.16	0.0250	2.50	ND	86.5	43-135			
p,m-Xylene	4.29	0.0500	5.00	ND	85.8	43-135			
Total Xylenes	6.46	0.0250	7.50	ND	86.1	43-135			
Surrogate: Bromofluorobenzene	*0.491*		*0.500*		*98.1*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.509*		*0.500*		*102*	*70-130*			
Surrogate: Toluene-d8	*0.469*		*0.500*		*93.7*	*70-130*			
Matrix Spike Dup (2504005-MSD1)				**Source: E501116-03**					Prepared: 01/20/25 Analyzed: 01/23/25
Benzene	2.55	0.0250	2.50	ND	102	48-131	9.06	23	
Ethylbenzene	2.48	0.0250	2.50	ND	99.2	45-135	9.86	27	
Toluene	2.46	0.0250	2.50	ND	98.4	48-130	11.2	24	
o-Xylene	2.42	0.0250	2.50	ND	96.7	43-135	11.1	27	
p,m-Xylene	4.81	0.0500	5.00	ND	96.3	43-135	11.5	27	
Total Xylenes	7.23	0.0250	7.50	ND	96.4	43-135	11.3	27	
Surrogate: Bromofluorobenzene	*0.479*		*0.500*		*95.7*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.505*		*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.482*		*0.500*		*96.3*	*70-130*			

QC Summary Data

Cottonwood Consulting	Project Name:	Canada Ojitos Unit #047	**Reported:**
PO Box 1653	Project Number:	20035-C-0001	
Durango CO, 81302	Project Manager:	Kyle Siesser	1/24/2025 1:24:49PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2504005-BLK1)									Prepared: 01/20/25 Analyzed: 01/21/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.484*		*0.500*		*96.7*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.494*		*0.500*		*98.8*	*70-130*			
Surrogate: Toluene-d8	*0.471*		*0.500*		*94.2*	*70-130*			
LCS (2504005-BS2)									Prepared: 01/20/25 Analyzed: 01/21/25
Gasoline Range Organics (C6-C10)	50.5	20.0	50.0		101	70-130			
Surrogate: Bromofluorobenzene	*0.493*		*0.500*		*98.5*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.486*		*0.500*		*97.2*	*70-130*			
Surrogate: Toluene-d8	*0.480*		*0.500*		*96.0*	*70-130*			
Matrix Spike (2504005-MS2)				**Source: E501116-03**					Prepared: 01/20/25 Analyzed: 01/21/25
Gasoline Range Organics (C6-C10)	57.7	20.0	50.0	ND	115	70-130			
Surrogate: Bromofluorobenzene	*0.496*		*0.500*		*99.1*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.502*		*0.500*		*100*	*70-130*			
Surrogate: Toluene-d8	*0.488*		*0.500*		*97.6*	*70-130*			
Matrix Spike Dup (2504005-MSD2)				**Source: E501116-03**					Prepared: 01/20/25 Analyzed: 01/21/25
Gasoline Range Organics (C6-C10)	54.7	20.0	50.0	ND	109	70-130	5.42	20	
Surrogate: Bromofluorobenzene	*0.488*		*0.500*		*97.5*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.502*		*0.500*		*100*	*70-130*			
Surrogate: Toluene-d8	*0.487*		*0.500*		*97.4*	*70-130*			

QC Summary Data

Cottonwood Consulting	Project Name:	Canada Ojitos Unit #047	**Reported:**
PO Box 1653	Project Number:	20035-C-0001	
Durango CO, 81302	Project Manager:	Kyle Siesser	1/24/2025 1:24:49PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2504014-BLK1)									Prepared: 01/20/25 Analyzed: 01/21/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*56.0*		*50.0*		*112*	*50-200*			
LCS (2504014-BS1)									Prepared: 01/20/25 Analyzed: 01/21/25
Diesel Range Organics (C10-C28)	254	25.0	250		102	38-132			
Surrogate: n-Nonane	*52.9*		*50.0*		*106*	*50-200*			
Matrix Spike (2504014-MS1)				**Source: E501116-10**					Prepared: 01/20/25 Analyzed: 01/21/25
Diesel Range Organics (C10-C28)	268	25.0	250	ND	107	38-132			
Surrogate: n-Nonane	*55.3*		*50.0*		*111*	*50-200*			
Matrix Spike Dup (2504014-MSD1)				**Source: E501116-10**					Prepared: 01/20/25 Analyzed: 01/21/25
Diesel Range Organics (C10-C28)	268	25.0	250	ND	107	38-132	0.192	20	
Surrogate: n-Nonane	*56.0*		*50.0*		*112*	*50-200*			

QC Summary Data

Cottonwood Consulting	Project Name:	Canada Ojitos Unit #047	**Reported:**
PO Box 1653	Project Number:	20035-C-0001	
Durango CO, 81302	Project Manager:	Kyle Siesser	1/24/2025 1:24:49PM

Anions by EPA 300.0/9056A

Analyst: AK

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2504034-BLK1)									Prepared: 01/20/25 Analyzed: 01/21/25
Chloride	ND	20.0							
LCS (2504034-BS1)									Prepared: 01/20/25 Analyzed: 01/21/25
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2504034-MS1)				**Source: E501116-03**					Prepared: 01/20/25 Analyzed: 01/21/25
Chloride	259	20.0	250	ND	103	80-120			
Matrix Spike Dup (2504034-MSD1)				**Source: E501116-03**					Prepared: 01/20/25 Analyzed: 01/21/25
Chloride	258	20.0	250	ND	103	80-120	0.135	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

Cottonwood Consulting	Project Name:	Canada Ojitos Unit #047	
PO Box 1653	Project Number:	20035-C-0001	**Reported:**
Durango CO, 81302	Project Manager:	Kyle Siesser	01/24/25 13:24

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Project Information | Chain of Custody | Page 1 of 2

Client: Cottonwood Consulting	
Project: Canada Ojitos Unit #047	
Project Manager: Kyle Siesser	
Address: PO Box 1653	
City, State, Zip Durango, CO 81302	
Phone: 970-764-7356	
Email: ksiesser@cottonwoodconsulting.com	
Report due by:	

Bill To

Attention:	
Address:	
City, State, Zip	
Phone:	
Email:	

Lab Use Only

Lab WO#	Job Number
E501116	20035-C-0001

TAT: 1D | 2D | 3D | Standard ✓

EPA Program: CWA | SDWA | RCRA

State: NM | CO | UT | AZ | TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	Remarks
1500	1/16/25	Soil	1	SS03	1	✓	✓	✓			✓	
1455	1/16/25	Soil	1	SS04	2							
1520	1/16/25	Soil	1	SS05	3							
1510	1/16/25	Soil	1	SS06	4							
1200	1/16/25	Soil	1	SS07	5							
1205	1/16/25	Soil	1	SS08	6							
1300	1/16/25	Soil	1	SS09	7							
1210	1/16/25	Soil	1	SS10	8							
1345	1/16/25	Soil	1	SS11	9							
1355	1/16/25	Soil	1	SS12	10							

Additional Instructions:
please cc emillar@cottonwoodconsulting.com, kobrien@cottonwoodconsulting.com, jlafortune@cottonwoodconsulting.com, and dsonger@cottonwoodconsulting.com with results

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

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	1/17/25	1257	Noe Soto	1/17/25	1257
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on ice: (Y) N
T1 T2 T3
AVG Temp °C 4

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other _____
Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech

Project Information | Chain of Custody | Page 1 of 2

Client: Cottonwood Consulting	Bill To
Project: Canada Ojitos Unit #047	Attention:
Project Manager: Kyle Siesser	Address:
Address: PO Box 1653	City, State, Zip
City, State, Zip Durango, CO 81302	Phone:
Phone: 970-764-7356	Email:
Email: ksiesser@cottonwoodconsulting.com	
Report due by:	

Lab Use Only: Lab WO# E501116 | Job Number 20035-C-0001

TAT: 1D | 2D | 3D | Standard ✓

EPA Program: CWA | SDWA | RCRA

State: NM x | CO | UT | AZ | TX

Analysis and Method: DRO 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	Remarks
1405	1/16/25	Soil	1	SS13	11	✓	✓	✓			✓	
1415	1/16/25	Soil	1	SS14	12							
1445	1/16/25	Soil	1	SS15	13							
1450	1/16/25	Soil	1	SS16	14							
1425	1/16/25	Soil	1	SS17	15							
1430	1/16/25	Soil	1	SS18	16							
1435	1/16/25	Soil	1	SS19	17							
1440	1/16/25	Soil	1	SS20	18							
1530	1/16/25	Soil	1	SS21	19							

Additional Instructions:
please cc emillar@cottonwoodconsulting.com, kobrien@cottonwoodconsulting.com, jlafortune@cottonwoodconsulting.com, and dsonger@cottonwoodconsulting.com with results

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

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	1/17/25	1257	Nac Sosa	1/17/25	1257
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on ice: Y / N
T1 T2 T3
AVG Temp °C 4

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other

Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech

Envirotech Analytical Laboratory

Printed: 1/17/2025 2:42:45PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Cottonwood Consulting	Date Received:	01/17/25 12:57	Work Order ID:	E501116
Phone:	970-764-7356	Date Logged In:	01/17/25 14:33	Logged In By:	Noe Soto
Email:	ksiesser@cottonwoodconsulting.com	Due Date:	01/24/25 17:00 (5 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: DS
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Comments/Resolution

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes

Sample Cooler

7. Was a sample cooler received?	Yes
8. If yes, was cooler received in good condition?	Yes
9. Was the sample(s) received intact, i.e., not broken?	Yes
10. Were custody/security seals present?	No
11. If yes, were custody/security seals intact?	NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes
13. If no visible ice, record the temperature. Actual sample temperature: 4°C	

Sample Container

14. Are aqueous VOC samples present?	No
15. Are VOC samples collected in VOA Vials?	NA
16. Is the head space less than 6-8 mm (pea sized or less)?	NA
17. Was a trip blank (TB) included for VOC analyses?	NA
18. Are non-VOC samples collected in the correct containers?	Yes
19. Is the appropriate volume/weight or number of sample containers collected?	Yes

Field Label

20. Were field sample labels filled out with the minimum information:	
Sample ID?	Yes
Date/Time Collected?	Yes
Collectors name?	Yes

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No
22. Are sample(s) correctly preserved?	NA
24. Is lab filteration required and/or requested for dissolved metals?	No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Client Instruction

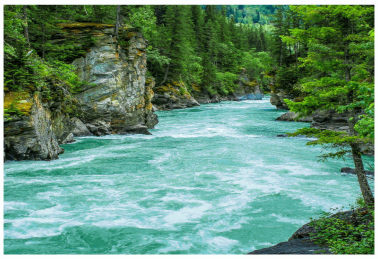
Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Kyle Siesser



5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Cottonwood Consulting

Project Name:	Canada Ojitos Unit #047
Work Order:	E501230
Job Number:	20035-C-0001
Received:	1/30/2025

Revision: 0

Report Reviewed By:

Draft
Walter Hinchman
Laboratory Director
1/31/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 1/31/25

Kyle Siesser
PO Box 1653
Durango, CO 81302

Project Name: Canada Ojitos Unit #047
Workorder: E501230
Date Received: 1/30/2025 5:30:00AM

Kyle Siesser,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/30/2025 5:30:00AM, under the Project Name: Canada Ojitos Unit #047.

The analytical test results summarized in this report with the Project Name: Canada Ojitos Unit #047 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

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

Field Offices:

Southern New Mexico Area

Lynn Jarboe
Laboratory Technical Representative
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljarboe@envirotech-inc.com

Michelle Gonzales
Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page 1

Cover Page 2

Table of Contents 3

Sample Summary 4

Sample Data 5

SS22 5

QC Summary Data 6

QC - Volatile Organic Compounds by EPA8260B 6

QC - Nonhalogenated Organics by EPA 8015D - GRO 7

QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO 8

QC - Anions by EPA 300.0/9056A 9

Definitions and Notes 10

Chain of Custody etc. 11

Sample Summary

Cottonwood Consulting	Project Name:	Canada Ojitos Unit #047	**Reported:**
PO Box 1653	Project Number:	20035-C-0001	
Durango CO, 81302	Project Manager:	Kyle Siesser	01/31/25 14:21

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS22	E501230-01A	Soil	01/30/25	01/30/25	Glass Jar, 4 oz.

Sample Data

Cottonwood Consulting	Project Name:	Canada Ojitos Unit #047	
PO Box 1653	Project Number:	20035-C-0001	**Reported:**
Durango CO, 81302	Project Manager:	Kyle Siesser	1/31/2025 2:21:30PM

SS22

E501230-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: SL			Batch: 2505124
Benzene	ND	0.0250	1	01/31/25	01/31/25	
Ethylbenzene	ND	0.0250	1	01/31/25	01/31/25	
Toluene	ND	0.0250	1	01/31/25	01/31/25	
o-Xylene	ND	0.0250	1	01/31/25	01/31/25	
p,m-Xylene	ND	0.0500	1	01/31/25	01/31/25	
Total Xylenes	ND	0.0250	1	01/31/25	01/31/25	
Surrogate: Bromofluorobenzene		*97.8 %*	*70-130*	*01/31/25*	*01/31/25*	
Surrogate: 1,2-Dichloroethane-d4		*92.9 %*	*70-130*	*01/31/25*	*01/31/25*	
Surrogate: Toluene-d8		*97.1 %*	*70-130*	*01/31/25*	*01/31/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2505124
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/31/25	01/31/25	
Surrogate: Bromofluorobenzene		*97.8 %*	*70-130*	*01/31/25*	*01/31/25*	
Surrogate: 1,2-Dichloroethane-d4		*92.9 %*	*70-130*	*01/31/25*	*01/31/25*	
Surrogate: Toluene-d8		*97.1 %*	*70-130*	*01/31/25*	*01/31/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2505121
Diesel Range Organics (C10-C28)	ND	25.0	1	01/31/25	01/31/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/31/25	01/31/25	
Surrogate: n-Nonane		*99.9 %*	*61-141*	*01/31/25*	*01/31/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2505126
Chloride	**169**	20.0	1	01/31/25	01/31/25	

QC Summary Data

Cottonwood Consulting	Project Name:	Canada Ojitos Unit #047	**Reported:**
PO Box 1653	Project Number:	20035-C-0001	
Durango CO, 81302	Project Manager:	Kyle Siesser	1/31/2025 2:21:30PM

Volatile Organic Compounds by EPA 8260B

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2505124-BLK1)									Prepared: 01/30/25 Analyzed: 01/30/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	*0.472*		*0.500*		*94.4*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.492*		*0.500*		*98.4*	*70-130*			
Surrogate: Toluene-d8	*0.470*		*0.500*		*93.9*	*70-130*			
LCS (2505124-BS1)									Prepared: 01/30/25 Analyzed: 01/30/25
Benzene	2.65	0.0250	2.50		106	70-130			
Ethylbenzene	2.64	0.0250	2.50		105	70-130			
Toluene	2.90	0.0250	2.50		116	70-130			
o-Xylene	2.57	0.0250	2.50		103	70-130			
p,m-Xylene	5.23	0.0500	5.00		105	70-130			
Total Xylenes	7.80	0.0250	7.50		104	70-130			
Surrogate: Bromofluorobenzene	*0.473*		*0.500*		*94.5*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.500*		*0.500*		*100*	*70-130*			
Surrogate: Toluene-d8	*0.469*		*0.500*		*93.7*	*70-130*			
LCS Dup (2505124-BSD1)									Prepared: 01/30/25 Analyzed: 01/30/25
Benzene	2.62	0.0250	2.50		105	70-130	1.19	23	
Ethylbenzene	2.56	0.0250	2.50		103	70-130	2.79	27	
Toluene	2.54	0.0250	2.50		102	70-130	13.4	24	
o-Xylene	2.51	0.0250	2.50		100	70-130	2.44	27	
p,m-Xylene	5.03	0.0500	5.00		101	70-130	4.00	27	
Total Xylenes	7.54	0.0250	7.50		100	70-130	3.48	27	
Surrogate: Bromofluorobenzene	*0.483*		*0.500*		*96.6*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.511*		*0.500*		*102*	*70-130*			
Surrogate: Toluene-d8	*0.470*		*0.500*		*93.9*	*70-130*			

QC Summary Data

Cottonwood Consulting	Project Name:	Canada Ojitos Unit #047	**Reported:**
PO Box 1653	Project Number:	20035-C-0001	
Durango CO, 81302	Project Manager:	Kyle Siesser	1/31/2025 2:21:30PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2505124-BLK1)									Prepared: 01/30/25 Analyzed: 01/30/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.472*		*0.500*		*94.4*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.492*		*0.500*		*98.4*	*70-130*			
Surrogate: Toluene-d8	*0.470*		*0.500*		*93.9*	*70-130*			
LCS (2505124-BS2)									Prepared: 01/30/25 Analyzed: 01/30/25
Gasoline Range Organics (C6-C10)	55.4	20.0	50.0		111	70-130			
Surrogate: Bromofluorobenzene	*0.492*		*0.500*		*98.4*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.505*		*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.489*		*0.500*		*97.8*	*70-130*			
LCS Dup (2505124-BSD2)									Prepared: 01/30/25 Analyzed: 01/30/25
Gasoline Range Organics (C6-C10)	52.5	20.0	50.0		105	70-130	5.28	20	
Surrogate: Bromofluorobenzene	*0.483*		*0.500*		*96.6*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.478*		*0.500*		*95.5*	*70-130*			
Surrogate: Toluene-d8	*0.480*		*0.500*		*95.9*	*70-130*			

QC Summary Data

Cottonwood Consulting	Project Name:	Canada Ojitos Unit #047	**Reported:**
PO Box 1653	Project Number:	20035-C-0001	
Durango CO, 81302	Project Manager:	Kyle Siesser	1/31/2025 2:21:30PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2505121-BLK1)									Prepared: 01/31/25 Analyzed: 01/31/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*53.8*		*50.0*		*108*	*61-141*			
LCS (2505121-BS1)									Prepared: 01/31/25 Analyzed: 01/31/25
Diesel Range Organics (C10-C28)	268	25.0	250		107	66-144			
Surrogate: n-Nonane	*52.4*		*50.0*		*105*	*61-141*			
LCS Dup (2505121-BSD1)									Prepared: 01/31/25 Analyzed: 01/31/25
Diesel Range Organics (C10-C28)	395	25.0	250		158	66-144	38.5	20	
Surrogate: n-Nonane	*54.4*		*50.0*		*109*	*61-141*			

QC Summary Data

Cottonwood Consulting	Project Name:	Canada Ojitos Unit #047	**Reported:**
PO Box 1653	Project Number:	20035-C-0001	
Durango CO, 81302	Project Manager:	Kyle Siesser	1/31/2025 2:21:30PM

Anions by EPA 300.0/9056A

Analyst: AK

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2505126-BLK1)									Prepared: 01/31/25 Analyzed: 01/31/25
Chloride	ND	20.0							
LCS (2505126-BS1)									Prepared: 01/31/25 Analyzed: 01/31/25
Chloride	253	20.0	250		101	90-110			

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

Cottonwood Consulting	Project Name:	Canada Ojitos Unit #047	
PO Box 1653	Project Number:	20035-C-0001	**Reported:**
Durango CO, 81302	Project Manager:	Kyle Siesser	01/31/25 14:21

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Project Information | Chain of Custody | Page 1 of 1

Client: Cottonwood Consulting	**Bill To**	Lab Use Only	TAT / EPA Program
Project: Canada Ojitos Unit #047	Attention:	Lab WO# E501230	Job Number 2035-C-0001
Project Manager: Kyle Siesser	Address:	1D: X	2D:	3D:	Standard:	CWA:	SDWA:
Address: PO Box 1653	City, State, Zip						RCRA:
City, State, Zip Durango, CO 81302	Phone:						
Phone: 970-764-7356	Email:					State: NM	CO: x	UT:	AZ:	TX:
Email: ksiesser@cottonwoodconsulting.com							
Report due by:							

Analysis and Method: DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | TPH

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	TPH	Remarks
1300	1/30/25	S	1	SS22	1		* DS	X			X	X	

Additional Instructions:
please cc emillar@cottonwoodconsulting.com with results

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

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	1/30/25	1535		1.30.25	15:35
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Lab Use Only
Received on ice: (Y) / N
T1 T2 T3
AVG Temp °C 4

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other _____
Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech

Envirotech Analytical Laboratory

Printed: 1/30/2025 3:40:35PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Cottonwood Consulting	Date Received:	01/30/25 15:35	Work Order ID:	E501230
Phone:	970-764-7356	Date Logged In:	01/30/25 15:38	Logged In By:	Caitlin Mars
Email:	ksiesser@cottonwoodconsulting.com	Due Date:	01/31/25 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	No	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	Yes	

Sample Cooler

7. Was a sample cooler received?	Yes	
8. If yes, was cooler received in good condition?	Yes	
9. Was the sample(s) received intact, i.e., not broken?	Yes	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	No	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

14. Are aqueous VOC samples present?	No	
15. Are VOC samples collected in VOA Vials?	NA	
16. Is the head space less than 6-8 mm (pea sized or less)?	NA	
17. Was a trip blank (TB) included for VOC analyses?	NA	
18. Are non-VOC samples collected in the correct containers?	Yes	
19. Is the appropriate volume/weight or number of sample containers collected?	Yes	

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	Yes	
Date/Time Collected?	Yes	
Collectors name?	No	

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab: NA

Comments/Resolution

Sampled by not provided on COC.

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Attachment 3

Cottonwood CONSULTING

Canada Ojitos Unit #047
Photographic Log
Benson-Montin-Greer Drilling Corp

Photo 1: Canada Ojitos Unit #047 well sign.

Photo 2: Wet area observed.

Cottonwood CONSULTING

Canada Ojitos Unit #047
Photographic Log
Benson-Montin-Greer Drilling Corp

Photo 3: Excavation area and saturated material near flowline.

Photo 4: Excavation area.

Cottonwood CONSULTING

Canada Ojitos Unit #047
Photographic Log
Benson-Montin-Greer Drilling Corp

Photo 5: Overall excavation.

Photo 6: SS01 collected near point of release.

Cottonwood CONSULTING

Canada Ojitos Unit #047
Photographic Log
Benson-Montin-Greer Drilling Corp

Photo 7: SS02 collected from base of excavation.

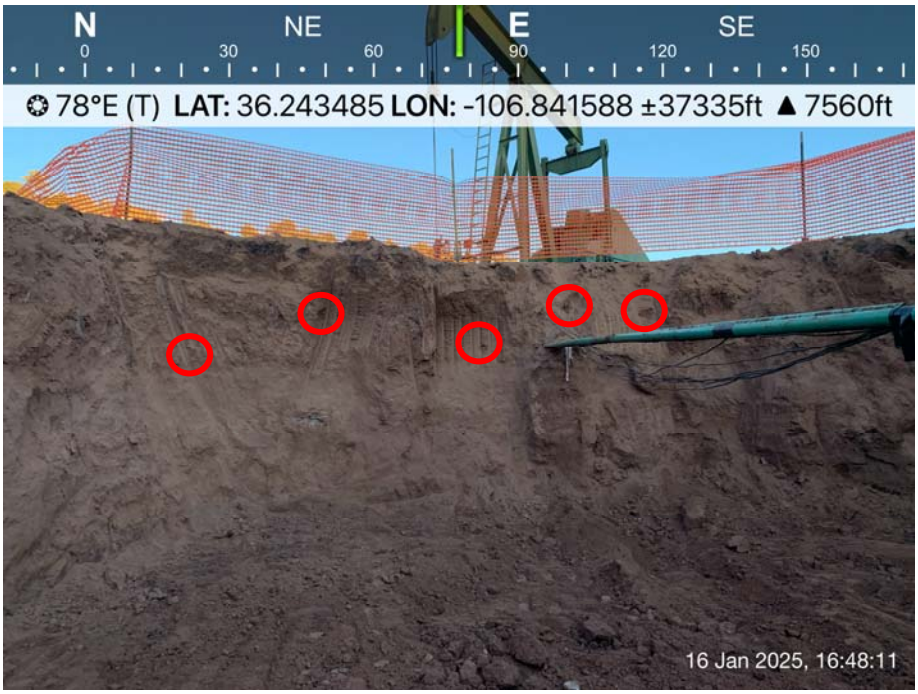


Photo 8: SS03 collected as a five-point composite sample 0-4 feet (ft) below ground surface (bgs) from east sidewall of excavation.

Cottonwood CONSULTING

Canada Ojitos Unit #047
Photographic Log
Benson-Montin-Greer Drilling Corp

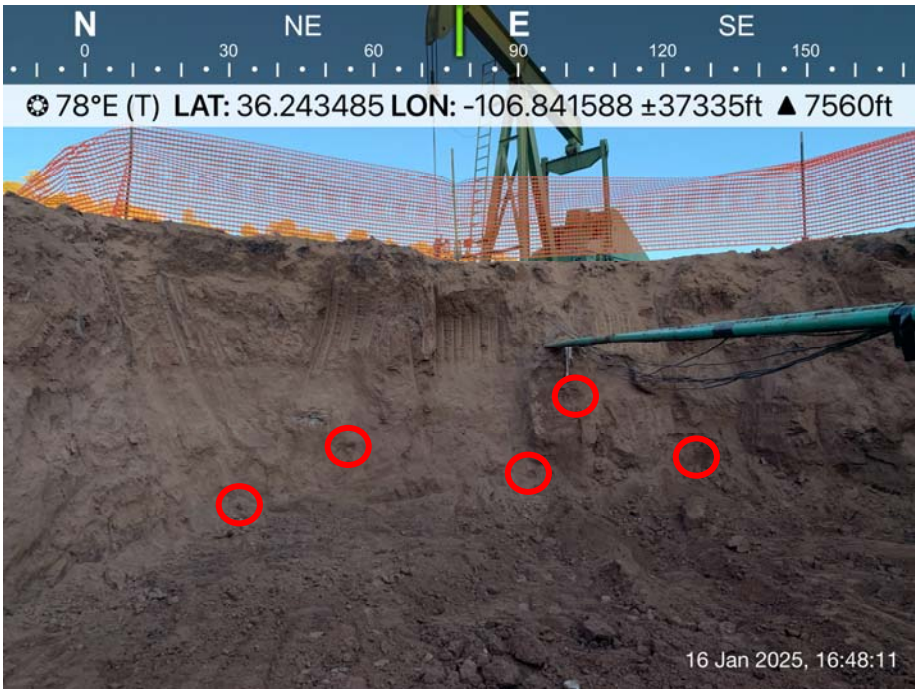


Photo 9: SS04 collected as a five-point composite sample 4-10 ft bgs from east sidewall of excavation.

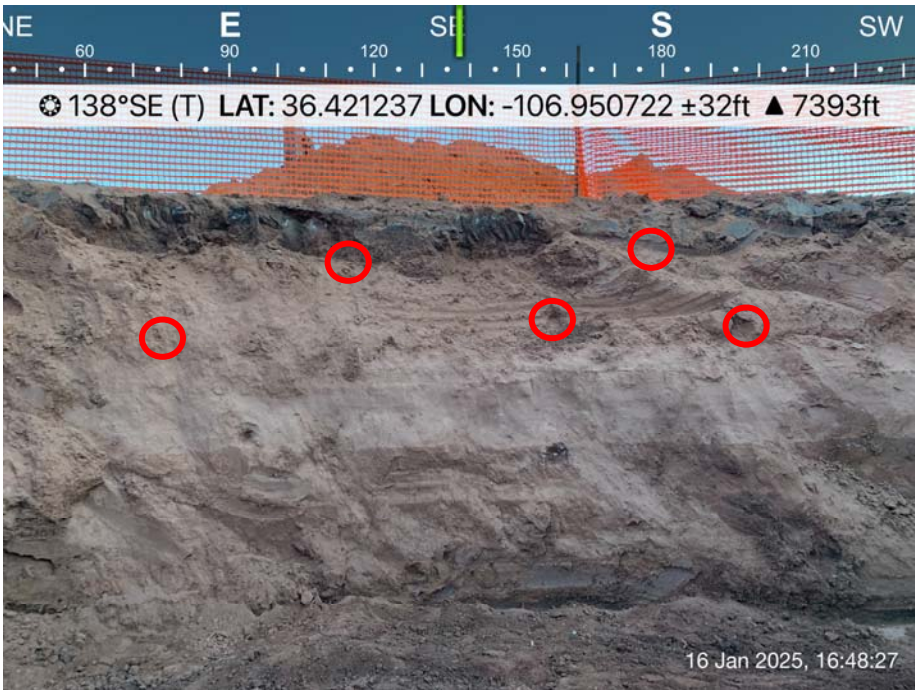


Photo 10: SS05 collected as a five-point composite sample 0-4 ft bgs from southeast sidewall of excavation.

Cottonwood CONSULTING

Canada Ojitos Unit #047
Photographic Log
Benson-Montin-Greer Drilling Corp

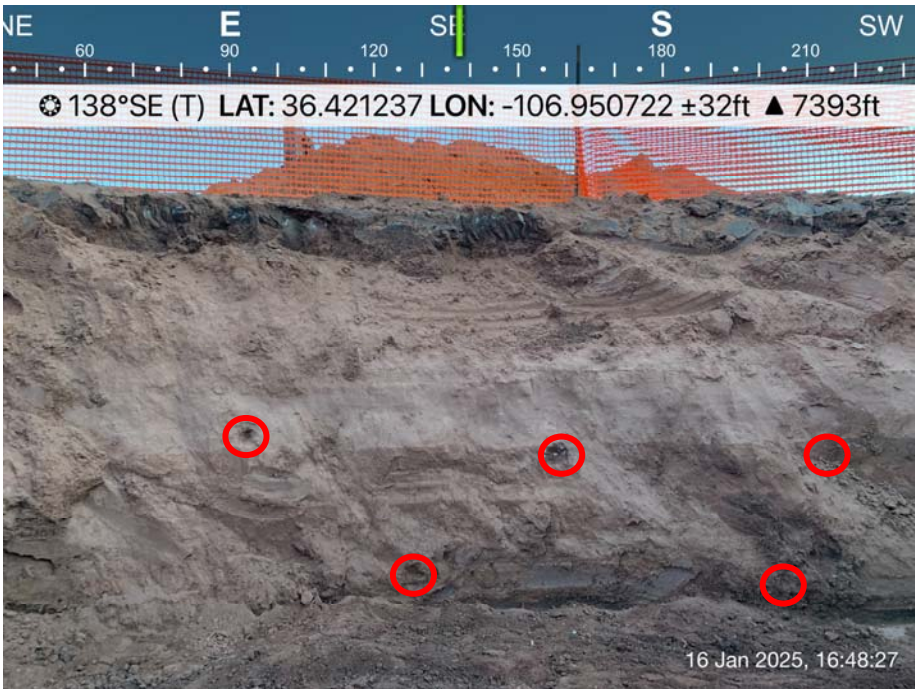


Photo 11: SS06 collected as a five-point composite sample 4-10 ft bgs from southeast sidewall of excavation.

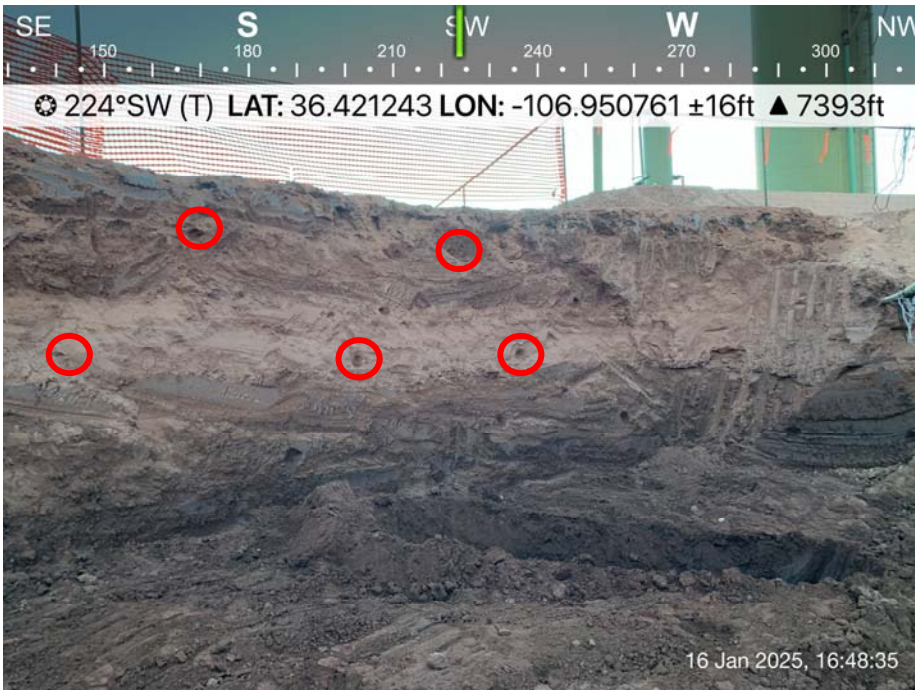


Photo 12: SS07 collected as a five-point composite sample 0-4 ft bgs from southwest sidewall of excavation.

Cottonwood CONSULTING

Canada Ojitos Unit #047
Photographic Log
Benson-Montin-Greer Drilling Corp

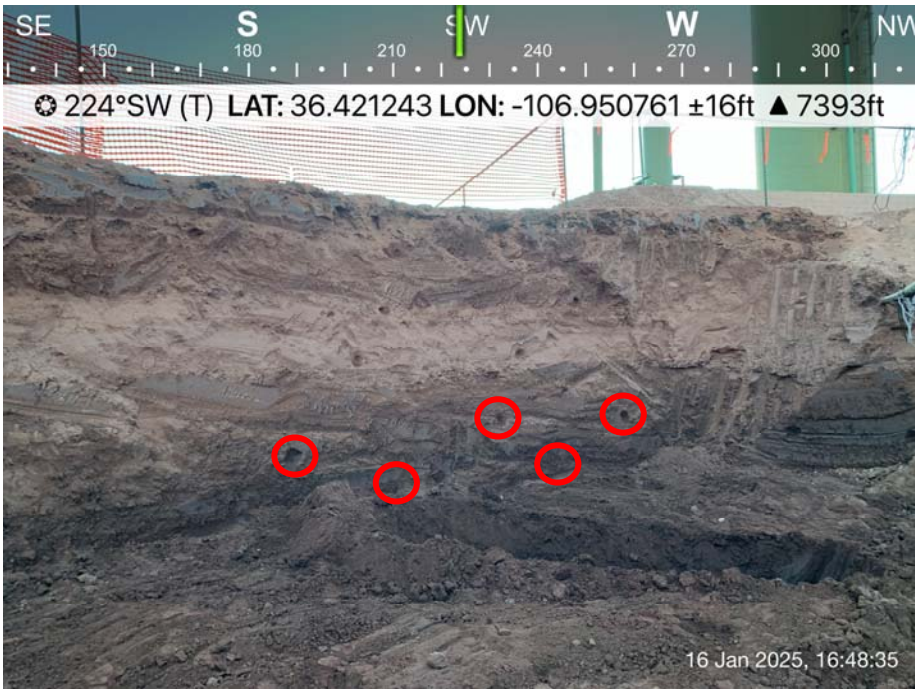


Photo 13: SS08 collected as a five-point composite sample 4-10 ft bgs from southwest sidewall of excavation.

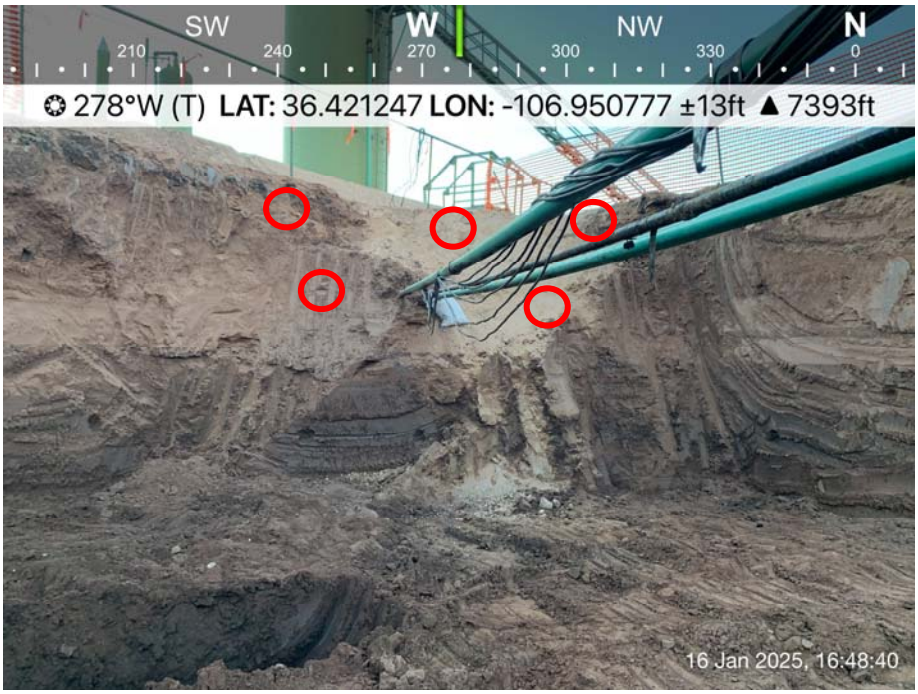


Photo 14: SS09 collected as a five-point composite sample 0-4 ft bgs from west sidewall of excavation.

Cottonwood CONSULTING

Canada Ojitos Unit #047
Photographic Log
Benson-Montin-Greer Drilling Corp

Photo 15: SS10 collected as a five-point composite sample 4-10 ft bgs from west sidewall of excavation.

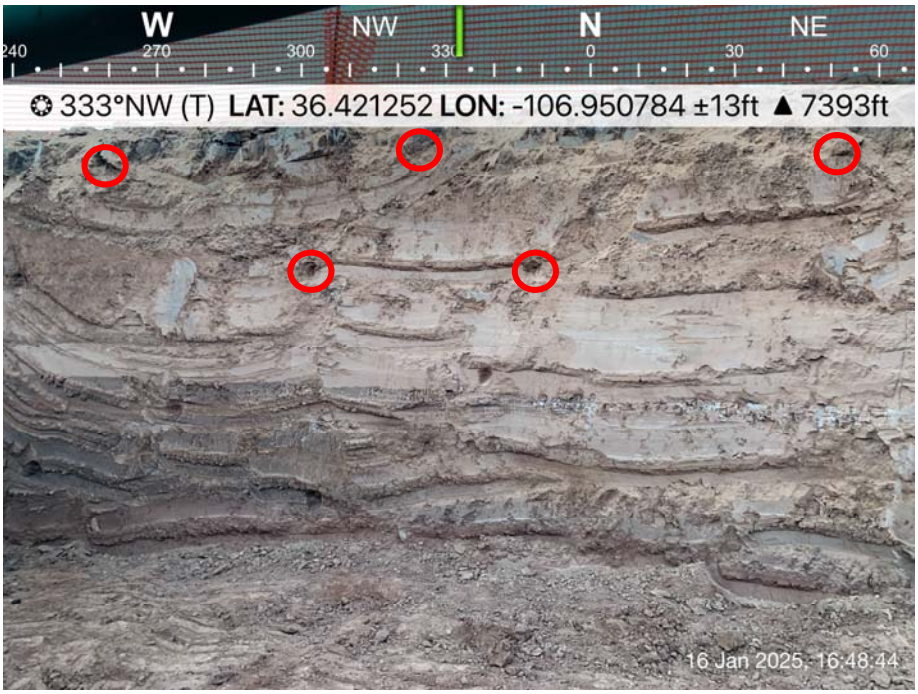


Photo 16: SS11 collected as a five-point composite sample 0-4 ft bgs from northwest sidewall of excavation.

Cottonwood CONSULTING

Canada Ojitos Unit #047
Photographic Log
Benson-Montin-Greer Drilling Corp

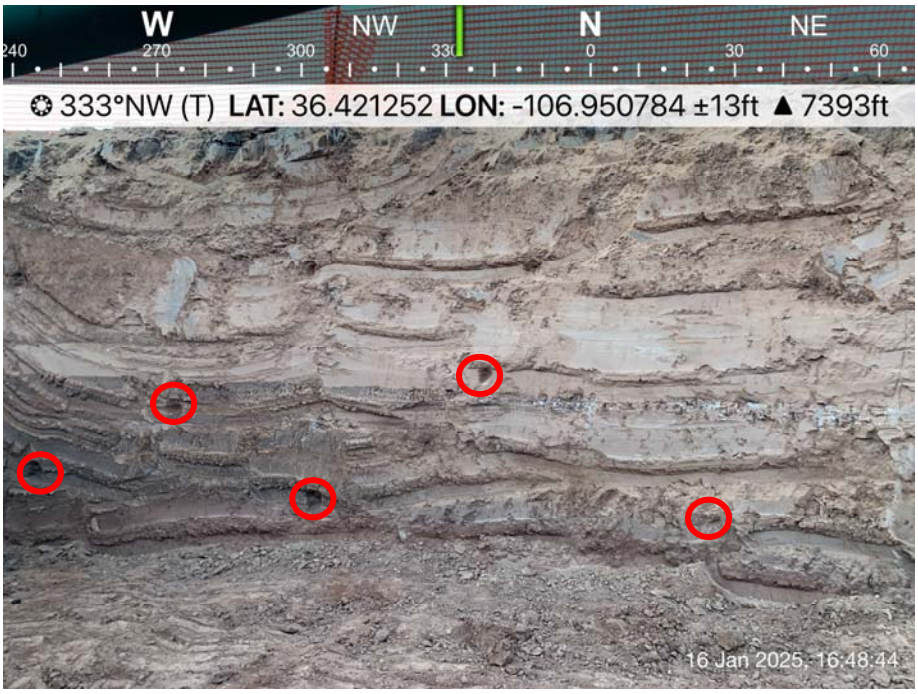


Photo 17: SS12 collected as a five-point composite sample 4-10 ft bgs from northwest sidewall of excavation.

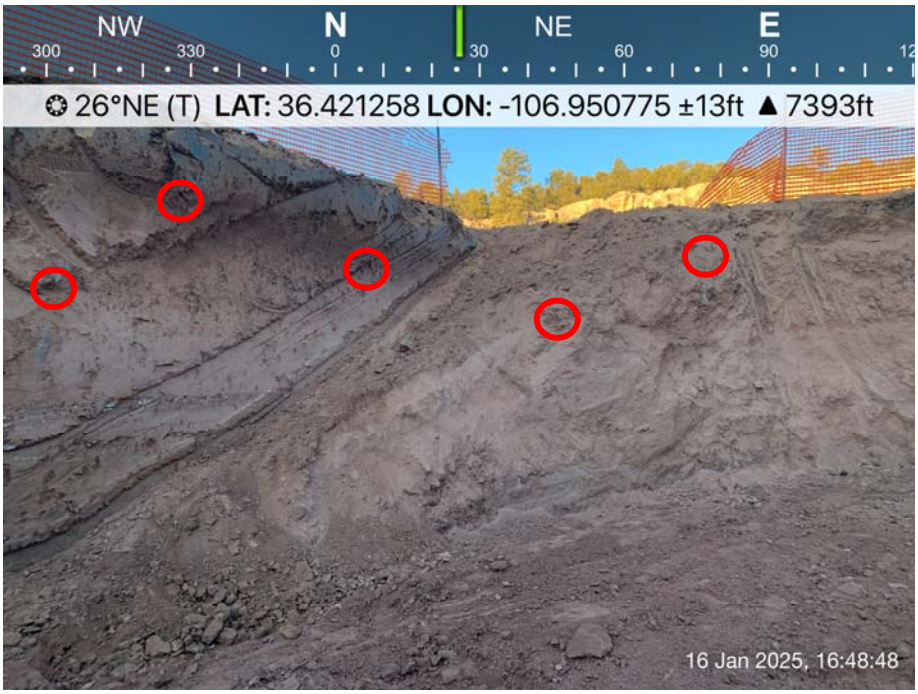


Photo 18: SS13 collected as a five-point composite sample 0-4 ft bgs from northeast sidewall of excavation.

Cottonwood CONSULTING

Canada Ojitos Unit #047
Photographic Log
Benson-Montin-Greer Drilling Corp

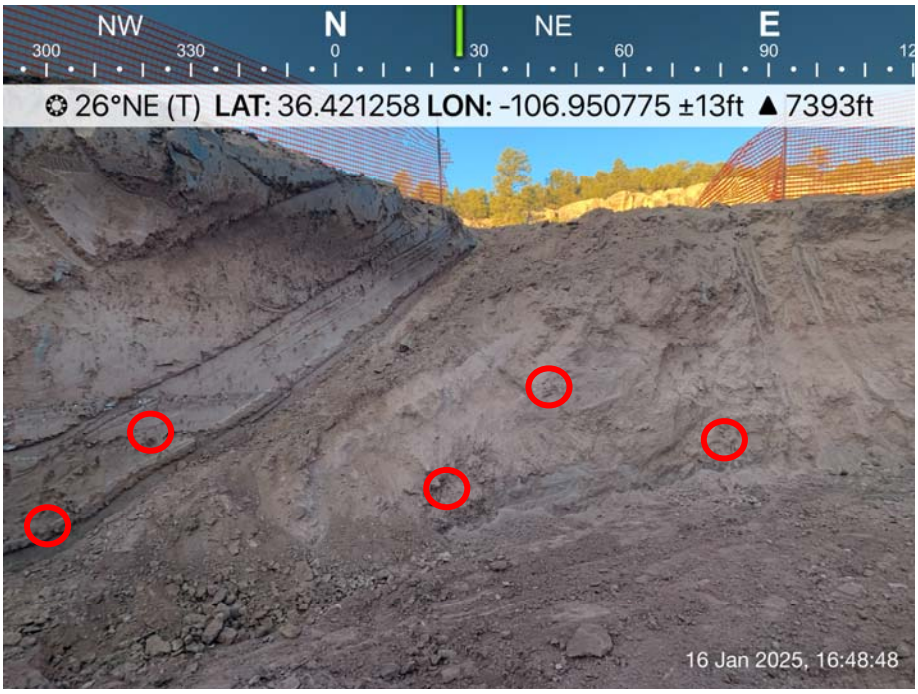


Photo 19: SS14 collected as a five-point composite sample 4-10 ft bgs from northeast sidewall of excavation.

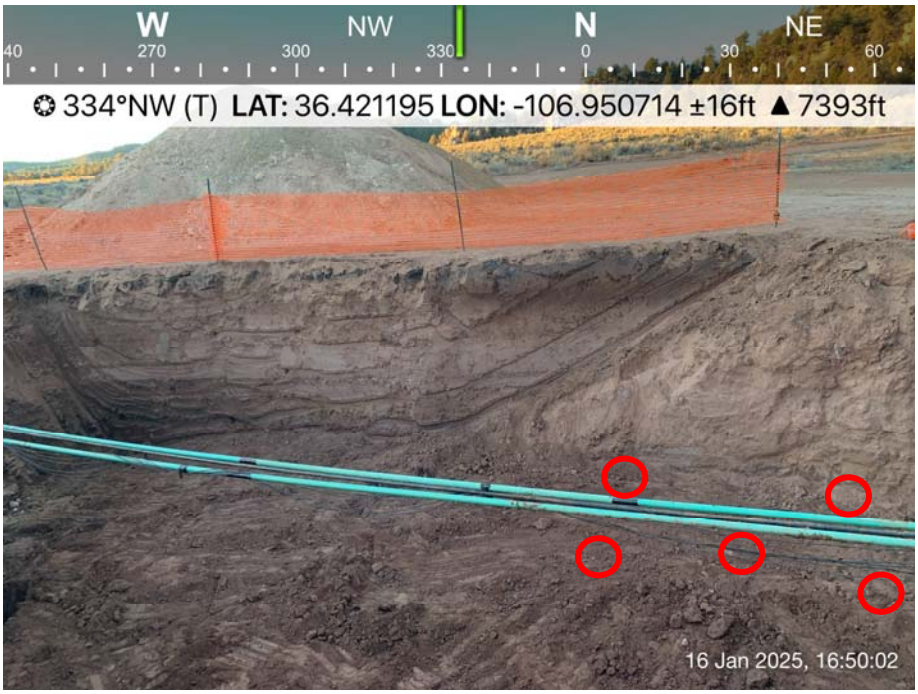


Photo 20: SS15 collected as a five-point composite sample from northeast base of excavation.

Cottonwood CONSULTING

Canada Ojitos Unit #047
Photographic Log
Benson-Montin-Greer Drilling Corp

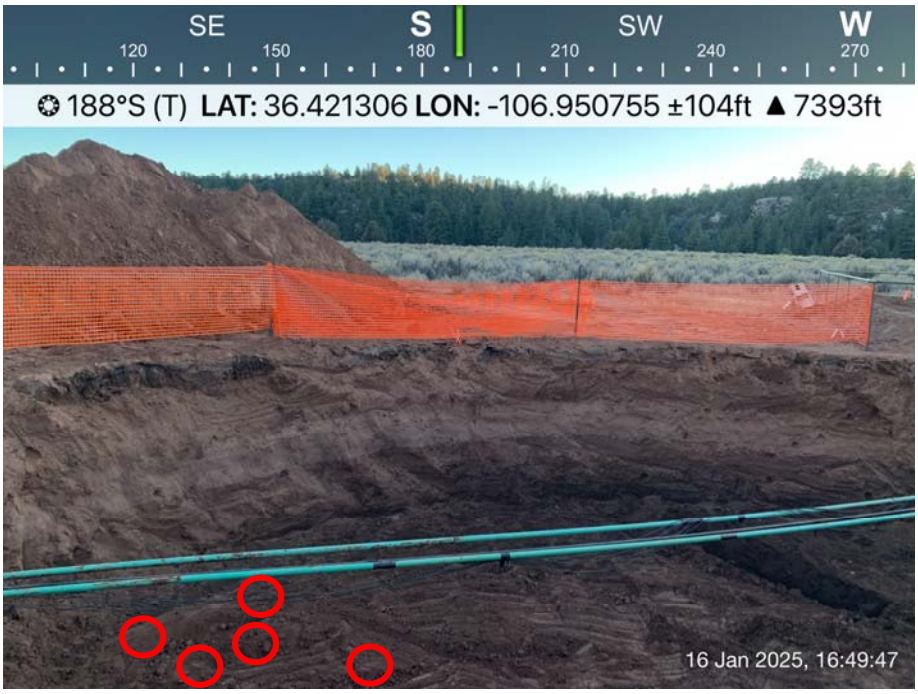


Photo 21: SS16 collected as a five-point composite sample from southeast base of excavation.

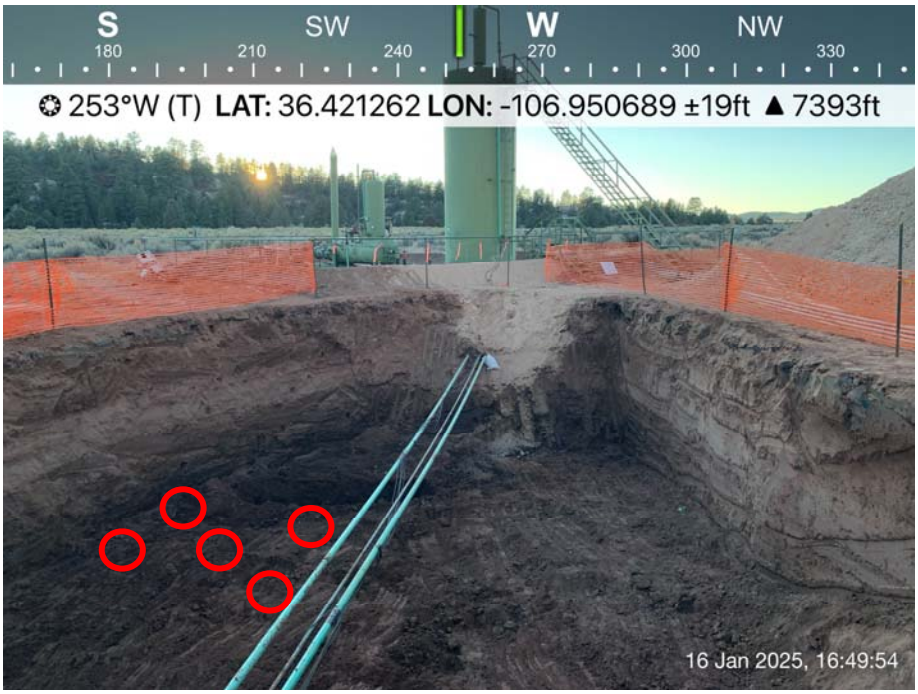


Photo 22: SS17 collected as a five-point composite sample from southern base of excavation.

Cottonwood CONSULTING

Canada Ojitos Unit #047
Photographic Log
Benson-Montin-Greer Drilling Corp

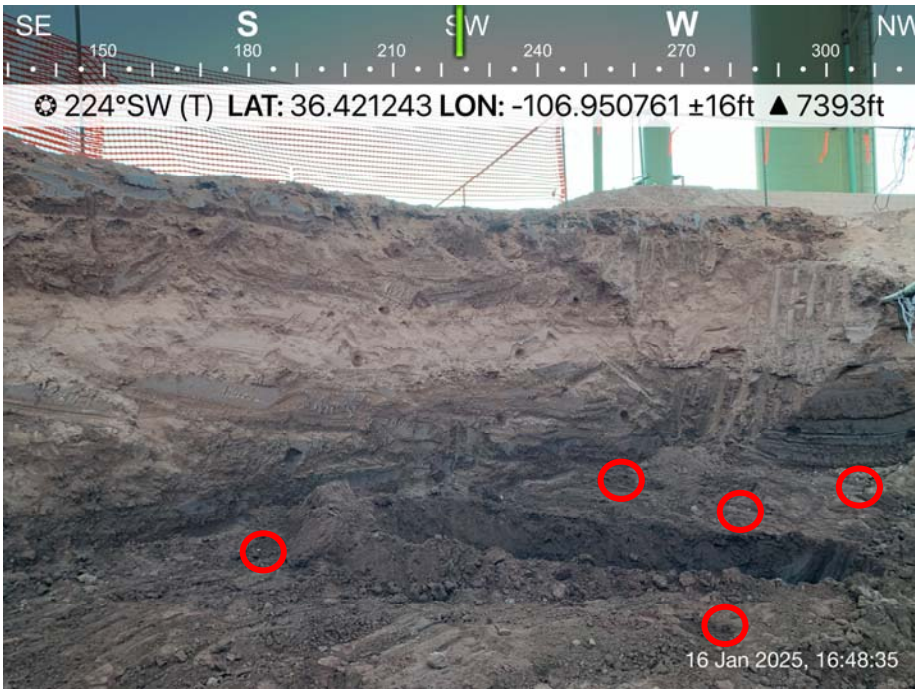


Photo 23: SS18 collected as a five-point composite sample from southwest base of excavation.

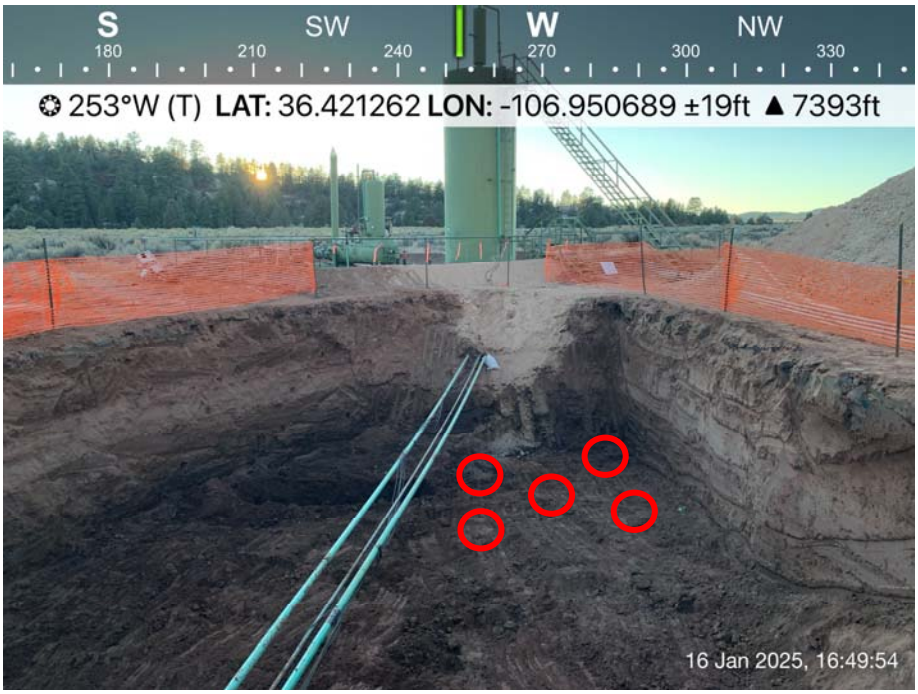


Photo 24: SS19 collected as a five-point composite sample from northwest base of excavation.

Cottonwood CONSULTING

Canada Ojitos Unit #047
Photographic Log
Benson-Montin-Greer Drilling Corp

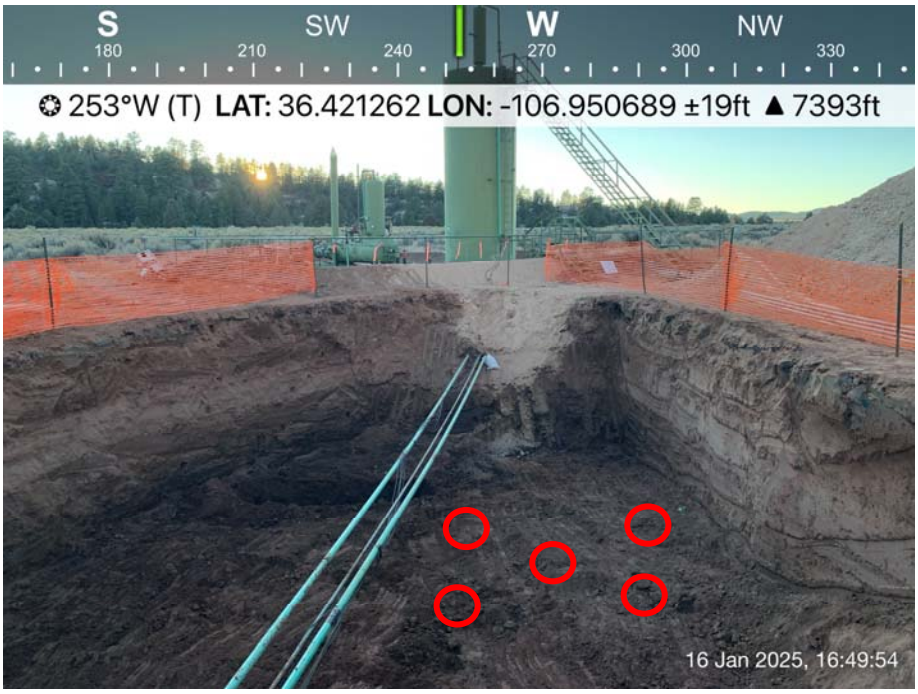


Photo 25: SS20 collected as a five-point composite sample from northern base of excavation.

Photo 26: SS21 collected as a discrete sample 12 ft bgs from pothole in southwest corner of excavation.

Cottonwood CONSULTING

Canada Ojitos Unit #047
Photographic Log
Benson-Montin-Greer Drilling Corp

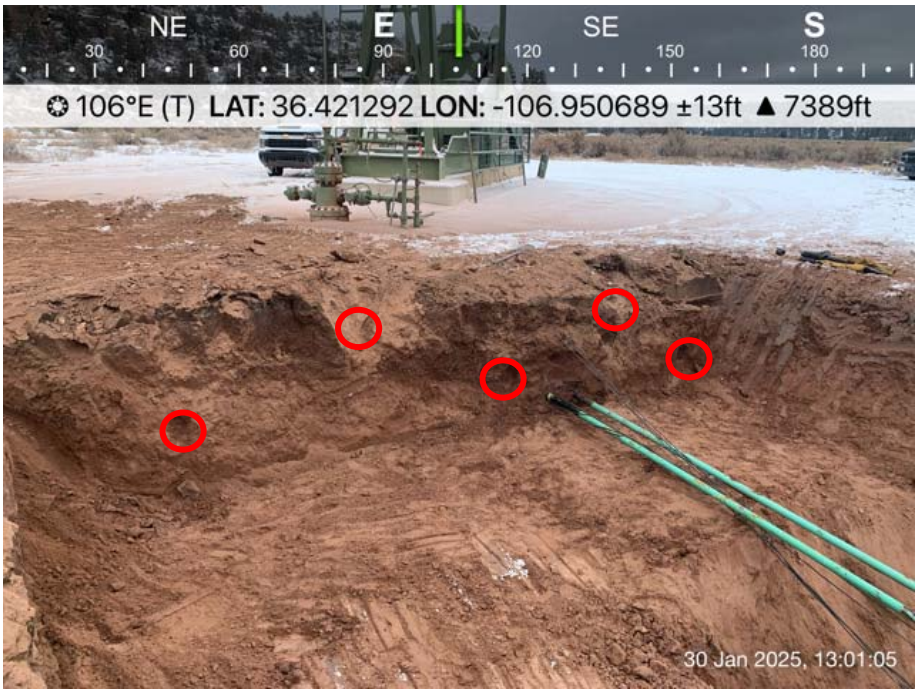


Photo 27: SS22 collected as a five-point composite sample 0-4 ft bgs from east sidewall of excavation.

Attachment 4

LF 04441

envirotech

Bill of Lading

MANIFEST # 89257
GENERATOR BMG
POINT OF ORIGIN Conoda OJitos #47
TRANSPORTER Sierra
DATE 01/09/25 JOB # 94074-0018

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLS	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	LF2	Contsoil	M3	18	—	—	-	55	15:35	
				18						

RESULTS			LANDFARM EMPLOYEE	NOTES
-276	CHLORIDE TEST	1		
	CHLORIDE TEST		☐ Soil w/ Debris ☐ After Hours/Weekend Receival ☐ Scrape Out ☐ Wash Out	
	CHLORIDE TEST			
Pass	PAINT FILTER TEST	1		

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.

SCANNED

Generator Onsite Contact _____ Phone ENTERED JAN 13 2025

Signatures required prior to distribution of the legal document. DISTRIBUTION: **White** - Company Records / Billing **Yellow** - Customer **Pink** - LF Copy

SAN JUAN PRINTING 2021 407-3

envirotech

Bill of Lading

MANIFEST # 89252
GENERATOR Envirotech
POINT OF ORIGIN landfarm
TRANSPORTER Sierra
DATE 01/09/24 JOB # 99074-0018

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLS	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	BMG Canada Ojitos #47	Virgin Soil	—	20 / 20	-	—	—	55 ~~56~~	11:30 ~~08:10~~	

RESULTS			LANDFARM EMPLOYEE	NOTES
	CHLORIDE TEST			
	CHLORIDE TEST		☐ Soil w/ Debris ☐ After Hours/Weekend Receival ☐ Scrape Out ☐ Wash Out	
	CHLORIDE TEST			
	PAINT FILTER TEST			

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.

Generator Onsite Contact _____ Phone _____

SCANNED

ENTERED JAN 13 2025

Signatures required prior to distribution of the legal document. DISTRIBUTION: **White** - Company Records / ~~Billing~~ ~~**Yellow** - Customer~~ **Pink** - LF Copy

SAN JUAN PRINTING 2021 407-3

envirotech

Bill of Lading

MANIFEST # 89270
GENERATOR Envirotech
POINT OF ORIGIN LAND FARM
TRANSPORTER SIERRA OIL FIELD
DATE 1-10-25 JOB # 99074-0018

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLS	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	BMG CANADA OSITOS #47	VIRGIN SOIL	—	20	—	—	—	93	13:00	
				20						

RESULTS		
	CHLORIDE TEST	
	CHLORIDE TEST	
	CHLORIDE TEST	
	PAINT FILTER TEST	

LANDFARM EMPLOYEE

☐ Soil w/ Debris ☐ After Hours/Weekend Receival ☐ Scrape Out ☐ Wash Out

NOTES

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.

SCANNED

Generator Onsite Contact _____ Phone _____ ENTERED JAN 13 2025

Signatures required prior to distribution of the legal document. DISTRIBUTION: **White** - Company Records / Billing **Yellow** - Customer **Pink** - LF Copy

SAN JUAN PRINTING 2021 407-3

envirotech

Bill of Lading

MANIFEST # 89269
GENERATOR BMG
POINT OF ORIGIN CANADA OSITOS #47
TRANSPORTER SIERRA OIL FIELD
DATE 1-10-25 JOB # 99074-0018

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLS	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	LFII	COM Soil	M-3	20	—	—	—	93	13:00	
2	" "	" "	M-3	20	—	—	—	64	15:25	
3	" "	" "	M-3	20	—	—	—	61	15:35	
4	" "	" "	M-3	20				93	17:15	
				80						

RESULTS			LANDFARM EMPLOYEE	NOTES
-276	CHLORIDE TEST	1		
	CHLORIDE TEST		☐ Soil w/ Debris ☐ After Hours/Weekend Receival ☐ Scrape Out ☐ Wash Out	
	CHLORIDE TEST			
Pass	PAINT FILTER TEST	1		

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.

SCANNED

Generator Onsite Contact _____ Phone _____ ENTERED JAN 13 2025

Signatures required prior to distribution of the legal document. DISTRIBUTION: **White** - Company Records / Billing **Yellow** - Customer **Pink** - LF Copy

SAN JUAN PRINTING 2021 407-3

envirotech

Bill of Lading

MANIFEST # 89293
GENERATOR Envirotech
POINT OF ORIGIN landfarm
TRANSPORTER Sierra
DATE 01/13/25 JOB # 99074-0018

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLS	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	BMG	Virgin	-	20	-	-	-	95	11:40	
	Canada	Soil	-	20	-	-	-	55	11:40	
	Ojitos #47			40						

RESULTS			LANDFARM EMPLOYEE	NOTES
	CHLORIDE TEST			
	CHLORIDE TEST		☐ Soil w/ Debris ☐ After Hours/Weekend Receival ☐ Scrape Out ☐ Wash Out	
	CHLORIDE TEST			
	PAINT FILTER TEST			

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.

Generator Onsite Contact _____ Phone _____

ENTERED JAN 15 2025

SCANNED

Signatures required prior to distribution of the legal document. DISTRIBUTION: **White** - Company Records / Billing **Yellow** - Customer **Pink** - LF Copy

SAN JUAN PRINTING 2021 407-3

envirotech

Bill of Lading

MANIFEST # 89292

GENERATOR BMG #47

POINT OF ORIGIN Canada Ojitos

TRANSPORTER Sierra

DATE 01/13/25 JOB # 99074-0018

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLS	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	LF2	Con't Soil	P4	20	—	—	—	93	11:40	
2	LF2	" "	P4	20	—	—	—	55	11:40	
3	LF2	" "	Q4	20	—	—	—	64	15:35	
4	LF2	" "	Q4	20	—	—	—	55	15:35	
5	LF2	" "	Q4	20	—	—	—	93	15:45	
				100						

RESULTS		
-276	CHLORIDE TEST	1
-276	CHLORIDE TEST	1
	CHLORIDE TEST	
Pass	PAINT FILTER TEST	2

LANDFARM EMPLOYEE

☐ Soil w/ Debris ☐ After Hours/Weekend Receival ☐ Scrape Out ☐ Wash Out

NOTES

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.

Generator Onsite Contact _____ Phone _____

SCANNED

ENTERED JAN 15 2025

Signatures required prior to distribution of the legal document. DISTRIBUTION: **White** - Company Records / Billing **Yellow** - Customer **Pink** - LF Copy

SAN JUAN PRINTING 2021 407-3

envirotech

Bill of Lading

MANIFEST # 89310
GENERATOR BMG
POINT OF ORIGIN Canada Ojitos #47
TRANSPORTER Sierra
DATE 01/14/25 JOB # 99074-0018

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLS	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	LF 2	Contaminated Soil	M-4	20	—	—	—	93	1135	
2	"	"	M-4	20	—	—	—	55	11:40	
3	"	"	M-4	20	—	—	—	64	1320	
4	"	"	M-4	20	—	—	—	86	13:40	
5	"	"	M-4	20	—	—	—	55	1520	
6	"	"	M-4	20	—	—	—	93	15:40	
7	"	"	M4	20	—	—	—	64	1830	
				140						
								Bill 1.5 HRS CALL OUT		

RESULTS		
-276	CHLORIDE TEST	1
-276	CHLORIDE TEST	1
	CHLORIDE TEST	
Pass	PAINT FILTER TEST	2

LANDFARM EMPLOYEE

☐ Soil w/ Debris ☒ After Hours/Weekend Receival ☐ Scrape Out ☐ Wash Out

NOTES Load #7 After Hours
Done & Out @ 1900

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.

SCANNED

Generator Onsite Contact _____ Phone ENTERED JAN 16 2025

Signatures required prior to distribution of the legal document. DISTRIBUTION: **White** - Company Records / Billing **Yellow** - Customer **Pink** - LF Copy

SAN JUAN PRINTING 2021 407-3

envirotech

Bill of Lading

MANIFEST # 89348
GENERATOR Envirotech
POINT OF ORIGIN landfarm
TRANSPORTER Sierra
DATE 01/16/25 JOB # 99074-0018

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLS	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	BMG	Virgin	—	20	--	--	—	55	11:50	
2	Canada	soil		20						
	Ojitos #47									

RESULTS			LANDFARM EMPLOYEE	NOTES
	CHLORIDE TEST		Cory Robinson	
	CHLORIDE TEST		☐ Soil w/ Debris ☐ After Hours/Weekend Receival ☐ Scrape Out ☐ Wash Out	
	CHLORIDE TEST			
	PAINT FILTER TEST			

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.

Generator Onsite Contact _____ Phone _____

SCANNED

ENTERED JAN 20 2025

Signatures required prior to distribution of the legal document. DISTRIBUTION: **White** - Company Records / Billing **Yellow** - Customer **Pink** - LF Copy

SAN JUAN PRINTING 2021 407-3

envirotech

Bill of Lading

MANIFEST # 89347

GENERATOR BMG

POINT OF ORIGIN Conoda Ojitos #47

TRANSPORTER Sierra

DATE 01/16/25 JOB # 99074-0018

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLS	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	LF2	Cont Soil	Q4	20	-	-	-	55	11:50	MG
2	"	"	Q4	20	-	-	-	64	14:15	J.V.S
3	"	"	Q4	20	-	-	-	55	16:20	MG
				60						

RESULTS			LANDFARM EMPLOYEE	NOTES
-276	CHLORIDE TEST	1	Cory Robinson	
	CHLORIDE TEST		☐ Soil w/ Debris ☐ After Hours/Weekend Receival ☐ Scrape Out ☐ Wash Out	
	CHLORIDE TEST		By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.	
Pass	PAINT FILTER TEST	1		

SCANNED

ENTERED JAN 20 2025

Generator Onsite Contact _____ Phone _____

Signatures required prior to distribution of the legal document. DISTRIBUTION: **White** - Company Records / Billing **Yellow** - Customer **Pink** - LF Copy

SAN JUAN PRINTING 2021 407-3

envirotech

Bill of Lading

MANIFEST # 89361
GENERATOR Envirotech
POINT OF ORIGIN land Farm
TRANSPORTER Sierra
DATE 01/17/25 JOB # 99074-0018

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLS	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	BMG	Virgin	—	20	—	—	—	93	11:35	
2	Canada	Soil	—	20	—	—	—	67	11:40	
3	Ojitos #47	"	—	20	—	—	—	64	12:05	DM
4	Voided this Line			~~20~~				~~86~~	~~14:55~~	
				60						

RESULTS		
	CHLORIDE TEST	
	CHLORIDE TEST	
	CHLORIDE TEST	
	PAINT FILTER TEST	

LANDFARM EMPLOYEE Cory Kol

☐ Soil w/ Debris ☐ After Hours/Weekend Receival ☐ Scrape Out ☐ Wash Out

NOTES

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.

SCANNED

Generator Onsite Contact _____ Phone _____

ENTERED JAN 21 2025

Signatures required prior to distribution of the legal document. DISTRIBUTION: **White** - Company Records / Billing **Yellow** - Customer **Pink** - LF Copy

SAN JUAN PRINTING 2021 407-3

envirotech

Bill of Lading

MANIFEST # 89360
GENERATOR BMG
POINT OF ORIGIN Canada Ojitos 47
TRANSPORTER Sierra
DATE 01/17/24 JOB # 99074-0018

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLS	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	LF2	Cont Soil	R3	20	-	-	-	93	11:35	
2	"	" "	R3	20	-	-	-	67	11:40	
3	"	" "	R3	20	-	-	-	64	12:05	PM
4	"	"	R3	20	-	-	-	86	14:55	
5	"	"	R3	20	-	-	-	93	15:30	
6	"	"	R3	20	-	-	-	67	15:40	
7	"	"	R3	22				64	16:55	
				142						

RESULTS		
276	CHLORIDE TEST	1
276	CHLORIDE TEST	1
	CHLORIDE TEST	
Pass	PAINT FILTER TEST	2

LANDFARM EMPLOYEE Cory Rob

☐ Soil w/ Debris ☐ After Hours/Weekend Receival ☐ Scrape Out ☐ Wash Out

NOTES

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.

Generator Onsite Contact _____ Phone _____

SCANNED ENTERED JAN 21 2025

Signatures required prior to distribution of the legal document. DISTRIBUTION: **White** - Company Records ~~Billing~~ **Yellow** - Customer **Pink** - LF Copy

SAN JUAN PRINTING 2021 407-3

envirotech

Bill of Lading

MANIFEST # 89372
GENERATOR Envirotech
POINT OF ORIGIN Land Farm
TRANSPORTER Sierra
DATE 01/20/25 JOB # 99074-0018

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLS	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	BMG	Virgin	—	20	—	—	—	93	11:15	
2	Canada	Soil	—	20	—	—	—	86	11:20	
3	Ojitos #47	"	—	20	—	—	—	67	12:35	
				60						

RESULTS		
	CHLORIDE TEST	
	CHLORIDE TEST	
	CHLORIDE TEST	
	PAINT FILTER TEST	

LANDFARM EMPLOYEE

☐ Soil w/ Debris ☐ After Hours/Weekend Receival ☐ Scrape Out ☐ Wash Out

NOTES

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.

Generator Onsite Contact _____ Phone _____

SCANNED

ENTERED JAN 21 2025

Signatures required prior to distribution of the legal document. DISTRIBUTION: **White** - Company Records / Billing **Yellow** - Customer **Pink** - LF Copy

SAN JUAN PRINTING 2021 407-3

envirotech

Bill of Lading

MANIFEST # 89371
GENERATOR BMG
POINT OF ORIGIN Canada Ojitos # 47
TRANSPORTER Sierra
DATE 01/20/25 JOB # 99074-0018

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLS	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	LF2	Cont Soil	m 3	20	—	—	—	93	11:15	
2	"	" "	m 3	20	—	—	—	86	11:20	
3	"	" "	O 3	20	—	—	—	67	12:35	
4	"	" "	O 3	20	—	—	—	64	14:10	
5	"	" "	O 3	20	—	—	—	93	1510	
6	"	" "	O 3	20	—	—	—	86	1645	
7	"	" "	N 3	20	—	—	—	67	1655	
				140						

RESULTS		
-276	CHLORIDE TEST	1
-276	CHLORIDE TEST	1
	CHLORIDE TEST	
Pass	PAINT FILTER TEST	2

LANDFARM EMPLOYEE

☐ Soil w/ Debris ☐ After Hours/Weekend Receival ☐ Scrape Out ☐ Wash Out

NOTES

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.

SCANNED

ENTERED JAN 2 1 2025

Generator Onsite Contact _____ Phone _____

Signatures required prior to distribution of the legal document. DISTRIBUTION: **White** - Company Records / Billing **Yellow** - Customer **Pink** - LF Copy

SAN JUAN PRINTING 2021 407-3

envirotech

Bill of Lading

MANIFEST # 89386
GENERATOR BMG
POINT OF ORIGIN Canada Ojitos #47
TRANSPORTER Sierra
DATE 01/21/25 JOB # 99074-0018

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLS	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	LF2	Cont Soil	L-2	20	-	-	-	93	14:00	
2	"	" "	L-2	20	-	-	-	64	14:00	
3	"	" "	L-2	20	-	-	-	86	14:20	
4	"	" "	L-2	20	-	-	-	67	1455	G.V.S.
				80						

RESULTS			LANDFARM EMPLOYEE	NOTES
-276	CHLORIDE TEST	1	Corey Lyle	
	CHLORIDE TEST		☐ Soil w/ Debris ☐ After Hours/Weekend Receival ☐ Scrape Out ☐ Wash Out	
	CHLORIDE TEST			
Pass	PAINT FILTER TEST	1		

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.

SCANNED

ENTERED JAN 22 2025

Generator Onsite Contact _____ Phone _____

Signatures required prior to distribution of the legal document. DISTRIBUTION: **White** - Company Records / Billing **Yellow** - Customer **Pink** - LF Copy

SAN JUAN PRINTING 2021 407-3

envirotech

Bill of Lading

MANIFEST # 89379
GENERATOR Envirotech
POINT OF ORIGIN land Farm
TRANSPORTER Sierra
DATE 01/21/25 JOB # 99074-0018

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLS	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	BMG	Virgin	-	20	-	-	-	67	08:00	J.V.S
	Canada	Soil		20						
	Ojitos #47									

RESULTS

	CHLORIDE TEST	
	CHLORIDE TEST	
	CHLORIDE TEST	
	PAINT FILTER TEST	

LANDFARM EMPLOYEE Cory Robinson

☐ Soil w/ Debris ☐ After Hours/Weekend Receival ☐ Scrape Out ☐ Wash Out

NOTES

By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.

SCANNED

Generator Onsite Contact _____ Phone _____ ENTERED JAN 22 2025

Signatures required prior to distribution of the legal document. DISTRIBUTION: **White** - Company Records / Billing **Yellow** - Customer **Pink** - LF Copy

SAN JUAN PRINTING 2021 407-3

Attachment 5

From: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Sent: Friday, January 10, 2025 10:02 AM
To: Kyle Siesser <ksiesser@cottonwoodconsulting.com>
Cc: zstradling@bmgdrilling.com
Subject: Re: [EXTERNAL] Canada Ojitos Unit #047 19.15.29.12.D(1)(a) Variance Request

Good morning Kyle,

Thank you for the correspondence. Your variance request specifically addressing 19.15.29.12D (1a) NMAC is approved.

If an OCD representative is not on-site on the date &/or time given, please sample per 19.15.29 NMAC or from an OCD pre-approved sampling plan. For whatever reason, if the sampling timeframe is altered, please notify the OCD as soon as possible so we may adjust our schedule(s). Failure to notify the OCD of this change may result in the closure sample(s) not being accepted.

Please keep a copy of this communication for inclusion within the appropriate report submittal.

The OCD requires a copy of all correspondence relative to remedial activities be included in all proposals and/or final closure reports. Correspondence required to be included in reports may include, but not limited to, notifications for liner inspections, sample events, spill/release/fire, and request for time extensions or variances.

Regards,

Nelson Velez • Environmental Specialist - Adv

Environmental Bureau | EMNRD - Oil Conservation Division

1000 Rio Brazos Road | Aztec, NM 87410

(505) 469-6146 | nelson.velez@emnrd.nm.gov

http://www.emnrd.nm.gov/ocd

From: Kyle Siesser <ksiesser@cottonwoodconsulting.com>
Sent: Friday, January 10, 2025 9:58 AM
To: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Cc: zstradling@bmgdrilling.com <zstradling@bmgdrilling.com>
Subject: [EXTERNAL] Canada Ojitos Unit #047 19.15.29.12.D(1)(a) Variance Request

Nelson,

Cottonwood, on behalf of Benson-Montin-Greer Drilling Corp (BMG), is respectfully requesting a variance, per NMAC 19.15.29.12.D(1)(a), related to confirmation sampling at a release at an on-location flowline at the Canada Ojitos Unit #047 well site (API #30-039-30980; Incident ID nAPP2501033710).

BMG discovered a release from an on-location flowline between the wellhead and the separator at the Canada Ojitos Unit #047 during routine inspection operations. BMG began excavation on 1/9/2025. BMG will have equipment on site on Monday, 1/13/2025, to complete excavation of impacted soil and replace the flowline. Cottonwood will be on site on 1/13/2025 to screen soil, collect delineation soil samples, and guide excavation activities. If remaining soils appear unimpacted, Cottonwood plans to collect confirmation samples for closure from the excavation area. Cottonwood submitted a C-141N Notification of Sampling on 1/10/2025.

Thank you and please let me know if you have any questions or comments.

KYLE SIESSER, P.G.
Cottonwood CONSULTING
PO Box 1653
Durango, CO 81302
(970) 764-7356
www.cottonwoodconsulting.com

From: Velez, Nelson, EMNRD
To: Emma Millar
Cc: Kyle Siesser
Subject: Re: [EXTERNAL] Canada Ojitos Unit #047 NMAC 19.15.29.12.D.1.a Variance Request
Date: Tuesday, February 4, 2025 8:52:37 AM
Attachments: Outlook-pzrkfxiz.png

Good morning Emma,

Thank you for the correspondence.

Per 19.15.29.12D (1a) NMAC which states, "The responsible party must verbally notify the appropriate division district office two business days prior to conducting final sampling. If the division district office does not respond to the notice within the two business days, the responsible party may proceed with final sampling. The responsible party may request a variance from this requirement upon a showing of good cause as determined by the division".

This notification is required to allow NMOCD to 1) observe and 2) render any guidance toward any approaches the operator or third party entity may encounter. Since you have demonstrated your transparency and openness by supplying NMOCD all information related to this request (thank you for that), NMOCD will grant approval of this solicitation.

Please enter into the portal the notification of sampling and use the dates in which Cottonwood Consulting actually sampled if you have not already done so. In addition, backdate each and within the last entry box, place wording of this approved variance per 19.15.29.12D (1a) NMAC, along with the date granted. This is not mandatory if already completed. Lastly, please address this approval within the remediation activites (e.g. summary write up). Failure to address this activity and NMOCD's response may rescind this approval.

In the future, please remember this provision/requirement for it serves as a valuable component toward validating the final remediation closure, especially incidents exposed to sensitive related matters.

Please keep a copy of this communication for inclusion within the appropriate report submittal.

The OCD requires a copy of all correspondence relative to remedial activities be included in all proposals and/or final closure reports. Correspondence required to be included in reports may include, but not limited to, notifications for liner inspections, sample events, spill/release/fire, and request for time extensions or variances.

Have a safe and productive day!

Regards,

Nelson Velez ● Environmental Specialist - Adv
Environmental Bureau | EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87410
(505) 469-6146 | nelson.velez@emnrd.nm.gov
http://www.emnrd.nm.gov/ocd

From: Emma Millar <emillar@cottonwoodconsulting.com>
Sent: Monday, February 3, 2025 3:04 PM
To: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Cc: Kyle Siesser <ksiesser@cottonwoodconsulting.com>
Subject: [EXTERNAL] Canada Ojitos Unit #047 NMAC 19.15.29.12.D.1.a Variance Request

Nelson,

Cottonwood, on behalf of Benson-Montin-Greer Drilling Corp (BMG), is respectfully requesting a variance, per NMAC 19.15.29.14, related to closure sampling at a release from an on-location flowline at the Canada Ojitos Unit #047 well site (API #30-039-30980; Incident ID nAPP2501033710).

BMG discovered a release from an on-location flowline between the wellhead and the separator at the Canada Ojitos Unit #047 during routine inspection operations. BMG began excavation on 1/9/2025. Cottonwood received a variance request to conduct confirmation sampling on 1/10/2025. Cottonwood was on site on 1/13/2025 to screen soil, collect delineation soil samples, and guide excavation activities. Two discrete soil samples were collected from the excavation. Both samples exceeded the applicable OCD standards for GRO+DRO, TPH, and Total BTEX. Following receipt of sample results, BMG conducted additional excavation at the site.

On 1/15/2025, Cottonwood submitted a notification of sampling for sampling planned on 1/16/2025. Due to equipment availability, Cottonwood was unable to provide two days' notice to OCD about the sampling event. Cottonwood was on site on 1/16/2025 to collect 18 additional five-point composite soil samples (SS03-SS20) and 1 discrete soil sample (SS21) from the expanded excavation area. With the exception of SS03, all samples were below the applicable OCD standard. SS03, collected at a depth of 0-4 feet below ground surface (bgs) from the east sidewall, exceeded the OCD reclamation standard for Total TPH. Following receipt of sample results, BMG conducted additional excavation along the east sidewall in the vicinity of SS03.

Cottonwood and BMG did not notify OCD two days prior to the sampling event conducted 1/16/2025 per NMAC 19.15.29.12.D.1.a due to short notice of on site equipment availability. Cottonwood and BMG did not notify the NMOCD two days prior to sampling conducted 1/30/2025 per NMAC 19.15.29.12.D.1.a because both parties expected that the sample collected 1/30/2025 would be an additional delineation sample; however, chloride, BTEX, and TPH levels were below the applicable OCD standard. Cottonwood and BMG respectfully request a variance for the 1/16/2025 and 1/30/2025 sampling notifications.

With the exception of SS01, SS02, and SS21, all samples collected from the site were five-point composite soil samples not representative of more than 200 square feet.

Cottonwood and BMG plan to apply for closure of the incident based on the attached results. Additionally, BMG currently has an excavator on site. Please let me know if you think it would be appropriate for BMG to backfill the excavation based on the attached sample results.

Thank you and please let me know if you have any questions or comments,

EMMA MILLAR
Cottonwood CONSULTING
PO Box 1653
Durango, CO 81302
(208) 610-6012
www.cottonwoodconsulting.com

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 430195

QUESTIONS

Operator: BENSON-MONTIN-GREER DRILLING CORP 4900 College Blvd. Farmington, NM 87402	OGRID: 2096
	Action Number: 430195
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2501033710**
Incident Name	**NAPP2501033710 CANADA OJITOS UNIT #047 @ 30-039-30980**
Incident Type	**Oil Release**
Incident Status	**Remediation Closure Report Received**
Incident Well	**[30-039-30980] CANADA OJITOS UNIT #047**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	CANADA OJITOS UNIT #047
Date Release Discovered	01/09/2025
Surface Owner	Federal

Incident Details	
Please answer all the questions in this group.	
Incident Type	Oil Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Equipment Failure | Flow Line - Production | Crude Oil | Released: 31 BBL | Recovered: 0 BBL | Lost: 31 BBL.
Produced Water Released (bbls) Details	*Not answered.*
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	On 1/4/2025 BMG noticed oil on the surface of location. Excavation began on 1/9/2025 and it was determined that the release was reportable per NMOCD rules. Following additional excavation on 1/13/2025 it was determined to be a major release based on estimated volume of released fluid.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS (continued)

Operator: BENSON-MONTIN-GREER DRILLING CORP 4900 College Blvd. Farmington, NM 87402	OGRID: 2096
	Action Number: 430195
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**Yes**
Reasons why this would be considered a submission for a notification of a major release	**From paragraph A. "Major release" determine using:** **(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.**
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*
Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.	

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

I hereby agree and sign off to the above statement	Name: AJ LaFortune Email: jlafortune@cottonwoodconsulting.com Date: 02/10/2025

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS (continued)

Operator: BENSON-MONTIN-GREER DRILLING CORP 4900 College Blvd. Farmington, NM 87402	OGRID: 2096
	Action Number: 430195
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). 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 in feet below ground surface (ft bgs)	Less than or equal 25 (ft.)
What method was used to determine the depth to ground water	Estimate or Other
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 500 and 1000 (ft.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between ½ and 1 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1000 (ft.) and ½ (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 500 and 1000 (ft.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	None
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
Requesting a remediation plan approval with this submission		Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.		
Have the lateral and vertical extents of contamination been fully delineated		Yes
Was this release entirely contained within a lined containment area		No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)		
Chloride	(EPA 300.0 or SM4500 Cl B)	311
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	33340
GRO+DRO	(EPA SW-846 Method 8015M)	25730
BTEX	(EPA SW-846 Method 8021B or 8260B)	165.8
Benzene	(EPA SW-846 Method 8021B or 8260B)	9
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.		
On what estimated date will the remediation commence		01/30/2025
On what date will (or did) the final sampling or liner inspection occur		01/30/2025
On what date will (or was) the remediation complete(d)		01/30/2025
What is the estimated surface area (in square feet) that will be reclaimed		2045
What is the estimated volume (in cubic yards) that will be reclaimed		1000
What is the estimated surface area (in square feet) that will be remediated		2045
What is the estimated volume (in cubic yards) that will be remediated		1000
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.		
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.		

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS (continued)

Operator: BENSON-MONTIN-GREER DRILLING CORP 4900 College Blvd. Farmington, NM 87402	OGRID: 2096
	Action Number: 430195
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for **off-site** disposal	ENVIROTECH LANDFARM #2 [fEEM0112336756]
OR which OCD approved well (API) will be used for **off-site** disposal	*Not answered.*
OR is the **off-site** disposal site, to be used, out-of-state	*Not answered.*
OR is the **off-site** disposal site, to be used, an NMED facility	*Not answered.*
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	*Not answered.*
(In Situ) Soil Vapor Extraction	*Not answered.*
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	*Not answered.*
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	*Not answered.*
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	*Not answered.*
Ground Water Abatement pursuant to 19.15.30 NMAC	*Not answered.*
OTHER (Non-listed remedial process)	*Not answered.*
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: AJ LaFortune Email: jlafortune@cottonwoodconsulting.com Date: 02/10/2025
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS (continued)

Operator: BENSON-MONTIN-GREER DRILLING CORP 4900 College Blvd. Farmington, NM 87402	OGRID: 2096
	Action Number: 430195
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only *Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.*	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS (continued)

Operator: BENSON-MONTIN-GREER DRILLING CORP 4900 College Blvd. Farmington, NM 87402	OGRID: 2096
	Action Number: 430195
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**427951**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**01/30/2025**
What was the (estimated) number of samples that were to be gathered	**1**
What was the sampling surface area in square feet	**200**

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	**Yes**
Was this release entirely contained within a lined containment area	**No**
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	2045
What was the total volume (cubic yards) remediated	1000
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	2045
What was the total volume (in cubic yards) reclaimed	1000
Summarize any additional remediation activities not included by answers (above)	BMG excavated approximately 750 cubic yards of impacted material from the site. The release and excavated area is within the working surface of the COU #047 well pad; therefore, final revegetation will be conducted during final reclamation of the site.

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 (in .pdf format) 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.

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

I hereby agree and sign off to the above statement	Name: AJ LaFortune Email: jlafortune@cottonwoodconsulting.com Date: 02/10/2025

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS (continued)

Operator: BENSON-MONTIN-GREER DRILLING CORP 4900 College Blvd. Farmington, NM 87402	OGRID: 2096
	Action Number: 430195
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Operator: BENSON-MONTIN-GREER DRILLING CORP 4900 College Blvd. Farmington, NM 87402	OGRID: 2096
	Action Number: 430195
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	Remediation work plan approved.	2/12/2025
amaxwell	A reclamation report will not be accepted until reclamation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	2/12/2025
amaxwell	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. The OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	2/12/2025