

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

January 8, 2024

Keith C. Manwell **Environmental Specialist** Jicarilla Apache Nation Environmental Protection Office P.O. Box 507 Dulce, NM 87528

RE: Final Closure Plan – East Puerto Chiquito Mancos Unit #012 (API #30-039-06863)

**Benson-Montin-Greer Drilling Corporation** Latitude/Longitude: 36.5394936/-106.8624573

Rio Arriba County, New Mexico

Dear Mr. Manwell.

Cottonwood Consulting, LLC (Cottonwood), on behalf of Benson-Montin-Greer Drilling Corporation (BMG), is pleased to provide you with a final closure plan for the recent and historical releases at BMG's East Puerto Chiquito Mancos Unit (EPCMU) #012 well site. Details regarding remedial efforts, sampling results, and final reclamation is summarized below.

### **Background**

The EPCMU #012 was drilled in 1964 and completed in the Gallup Formation. During a recent site visit in November 2024 by the Jicarilla Apache Nation Environmental Protection Office (JAN-EPO), a release was observed in the vicinity of the wellhead. BMG was notified of the release and immediately shut in the wellhead to prevent any additional impacts. It was determined that a ball valve had frozen and split, which caused the release. Following discovery of the release, repairs were made, and a site assessment was conducted. During the site assessment an undocumented historical release was discovered in the area surrounding the wellhead. Soil sample results from the initial site assessment indicated impacts in exceedance of JAN-EPO standards. The JAN-EPO requested that BMG submit a final closure plan to summarize remedial efforts, sampling results, and final reclamation of the release area.

This final closure plan is being submitted to summarize the remedial efforts conducted to date and to document the proposed final closure activities. The BMG contact for the project is listed below:

> Zach Stradling Benson-Montin-Greer Drilling Corp. 4900 College Blvd. Farmington, NM 87402 505-325-8874

zstradling@bmgdrilling.com

Manwell, K. Page 2

#### Remediation

On November 26, 2024, Cottonwood conducted a site assessment of the release area at the EPCMU #012. Approximately 5 yards of material was excavated from the release flowpath area prior to sampling and field screening. The flowpath was excavated to a depth of approximately 6-8 inches below ground surface (bgs) and the area surrounding the wellhead was excavated to approximately 3 feet bgs. One 5-point composite sample (SS01) was collected from the base of the flowpath excavation. One discrete grab sample (SS02) was collected at approximately 30 inches bgs adjacent to the wellhead. Both samples were submitted to Envirotech Analytical Laboratories (Envirotech) in Bloomfield, NM for laboratory analysis of total petroleum hydrocarbons (TPH) and benzene, toluene, ethylbenzene, and total xylenes (BTEX). Both samples SS01 and SS02 exceeded the JAN-EPO limit of 100 milligrams per kilogram (mg/kg) total TPH at concentrations of 1,986 mg/kg and 2,134 mg/kg, respectively.

On December 18, 2024, approximately 50 yards of additional material was removed from the historical release area to a depth of approximately 4 feet bgs. An additional 2 yards of material was removed from the new release area. Five 5-point composite soil samples (SS03-SS07) were collected from the sidewalls and base of the historical release area. One 5-point composite soil sample (SS08) was collected from the new release area. It was determined that the east sidewall, south sidewall, and new release area indicated TPH levels in exceedance of the JAN-EPO total TPH limit at concentrations of 450 mg/kg, 15,839 mg/kg, and 179 mg/kg respectively. Following the sampling event, the entire south sidewall of the excavation was treated with 20 gallons of Micro-Blaze® Emergency Liquid Spill Control (Micro-Blaze®). The Micro-Blaze® solution was applied at a minimum concentration of 10 percent (%) (10 parts Micro-Blaze® to 90 parts water). The north sidewall, west sidewall, and base of the excavation area were below the JAN-EPO limit for total TPH and non-detect for BTEX.

On December 23, 2024, approximately 40 yards of additional material was removed from the eastern portion of the historical release excavation. An additional 4 yards of material was removed from the new release excavation. Two 5-point composite samples (SS09/SS11) were collected from the east sidewall and south sidewall of the historical release excavation. One 5-point composite sample (SS10) was collected from the new release excavation. All samples collected were below the JAN-EPO limit for total TPH and non-detect for BTEX. The south sidewall of the excavation was treated with an additional 15 gallons of Micro-Blaze® and the entire new release excavation was treated with 5 gallons of Micro-Blaze®. The Micro-Blaze® solution was applied at a minimum concentration of 10%.

All impacted soils excavated during remedial efforts in November and December 2024 were removed from the site and disposed of at the Envirotech Landfarm (New Mexico Permit – NM01-0011) located south of Bloomfield, New Mexico.

On December 26, 2024, the JAN-EPO approved BMG to backfill the excavation with clean soils. On December 27, 2024 and January 6, 2025, BMG backfilled the historical release and new release excavations with clean soils sourced from nearby native soils provided by the JAN-EPO.

Cottonwood Consulting LLC

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A project map with soil sample locations and remedial efforts can be found in Figure 1. Soil sampling results are provided in Table 1, a photographic log of the sampling effort is provided in Attachment 1, and soil sampling laboratory results can be found in Attachment 2.

#### **Final Closure**

Following remedial activities, it was determined that impacts have been delineated vertically and horizontally to the north, west, east, eastern portion of the south sidewall and the new release area. Integrity of the existing wellhead would be compromised if further excavation of the south sidewall is conducted. The remaining impacts on the south sidewall have been treated with approximately 35 gallons of Micro-Blaze<sup>®</sup>. The majority of treatment was focused on the western portion of the south sidewall where the highest TPH concentrations were identified.

Following the site decommissioning and plugging and abandonment (P&A) of the wellhead, additional soil samples will be collected from the area surrounding the P&A wellhead. Additional soil samples will also be collected from any production equipment removed during final closure. All additional soil samples collected will be 5-point composite samples and will be submitted for laboratory analysis of TPH and BTEX. Based on the soil sampling results, additional remediation may be conducted. Any impacted material discovered during final closure would be excavated and disposed of at an approved facility. If it is determined that all soil sampling results during final closure are below the JAN-EPO TPH and BTEX limits, no additional remediation will be conducted.

Once it is determined that all impacts have been successfully removed and/or treated, final reclamation will be conducted. Final reclamation of the site will include, but not be limited to, backfilling of any excavated areas with clean material, regrading of the entire site, seeding of the site with an approved seed mixture and mulching of the site with certified weed free straw.

BMG has backfilled the excavation and will address any remaining impacts identified in the above remedial efforts during the site decommissioning and final closure as stated above. Should you have any questions regarding the remediation conducted and the final closure plan, please do not hesitate to contact me at 970-764-7356 or <a href="mailto:ksiesser@cottonwoodconsulting.com">ksiesser@cottonwoodconsulting.com</a>.

Sincerely,

Kyle Siesser, P.G.

Kyle D. Siesser

Cottonwood Consulting, LLC

Attachments: Table 1 – Soil Sampling Results

Figure 1 – Project Map Attachment 1 – Photo Log

Attachment 2 – Soil Sampling Laboratory Results

Table 1



# Table 1 Soil Sampling Results EPCMU #012 Benson-Montin-Greer Drilling Corporation

Parameter	SS01	SS02	SS03	SS04	Units
	11/26/2024	11/26/2024	12/18/2024	12/18/2024	2
Sample Location	Flowpath	Wellhead Excavation	West Sidewall	East Sidewall	NA
Laboratory ID	E411291-01	E411291-02	E412142-01	E412142-02	NA
Depth	6-8	30	36	30	inches bgs
PID	25.0	156.4	0.4	0.1	ppm
TPH (GRO)	<20.0	<20.0	<20.0	<20.0	mg/kg
TPH (DRO)	1,040	1,180	25.5	140	mg/kg
TPH (EXT DRO)	946	954	65.9	310	mg/kg
Total TPH	1,986	2,134	91.4	450	mg/kg
Benzene	< 0.0250	< 0.0250	< 0.0250	< 0.0250	mg/kg
Toluene	0.0421	0.0593	< 0.0250	< 0.0250	mg/kg
Ethylbenzene	0.0493	0.0800	< 0.0250	< 0.0250	mg/kg
Total Xylenes	0.293	0.479	< 0.0250	< 0.0250	mg/kg

#### Notes:

bgs - below ground surface

PID - Photoionization Detector

TPH - Total Petroleum Hydrocarbons

GRO - Gasoline Range Organics

DRO - Diesel Range Organics

EXT - Extended

mg/kg - milligrams per kilogram

NA - Not Applicable

ppm - parts per million

TPH values detected below the reporting limit are not included in Total TPH calculations



#### Table 1 continued **Soil Sampling Results** EPCMU #012 **Benson-Montin-Greer Drilling Corporation**

Parameter	SS05	SS06	SS07	SS08	Units
- W. W. W. W.	12/18/2024	12/18/2024	12/18/2024	12/18/2024	0 11105
Sample Location	North Sidewall	Base	South Sidewall	New Release Excavation	NA
Laboratory ID	E412142-03	E412142-04	E412142-05	E412142-06	NA
Depth	30	48	30	12	inches bgs
PID	0.2	1.5	267.6	0.1	ppm
TPH (GRO)	<20.0	<20.0	129	<20.0	mg/kg
TPH (DRO)	<25.0	<25.0	9,800	< 50.0	mg/kg
TPH (EXT DRO)	< 50.0	< 50.0	5,910	179	mg/kg
Total TPH	<95.0	<95.0	15,839	179	mg/kg
Benzene	< 0.0250	< 0.0250	0.0670	< 0.0250	mg/kg
Toluene	< 0.0250	< 0.0250	0.430	< 0.0250	mg/kg
Ethylbenzene	< 0.0250	< 0.0250	1.34	< 0.0250	mg/kg
Total Xylenes	< 0.0250	< 0.0250	6.98	< 0.0250	mg/kg

#### Notes:

bgs - below ground surface

PID - Photoionization Detector

TPH - Total Petroleum Hydrocarbons

GRO - Gasoline Range Organics

DRO - Diesel Range Organics

EXT - Extended

mg/kg - milligrams per kilogram

NA - Not Applicable

ppm - parts per million

TPH values detected below the reporting limit are not included in Total TPH calculations



#### Table 1 continued **Soil Sampling Results** EPCMU #012

### **Benson-Montin-Greer Drilling Corporation**

Parameter	SS09	SS10	SS11	Units
	12/23/2024	12/23/2024	12/23/2024	
Sample Location	East Sidewall	New Release Excavation	South Sidewall	NA
Laboratory ID	E412191-01	E412191-02	E412191-03	NA
Depth	54	18	36	inches bgs
PID	0.1	0.1	0.7	ppm
TPH (GRO)	<20.0	<20.0	<20.0	mg/kg
TPH (DRO)	<25.0	<25.0	<25.0	mg/kg
TPH (EXT DRO)	< 50.0	60.9	64.4	mg/kg
Total TPH	<95.0	60.9	64.4	mg/kg
Benzene	< 0.0250	< 0.0250	< 0.0250	mg/kg
Toluene	< 0.0250	< 0.0250	< 0.0250	mg/kg
Ethylbenzene	< 0.0250	< 0.0250	< 0.0250	mg/kg
Total Xylenes	< 0.0250	< 0.0250	< 0.0250	mg/kg

#### Notes:

bgs - below ground surface

PID - Photoionization Detector

TPH - Total Petroleum Hydrocarbons

GRO - Gasoline Range Organics

DRO - Diesel Range Organics

EXT - Extended

mg/kg - milligrams per kilogram

NA - Not Applicable

ppm - parts per million

TPH values detected below the reporting limit are not included in Total TPH calculations

Figure 1

Notes: SS01 and SS02 collected 11/26/2024. SS02, SS03, SS04, SS05, SS06, SS07, and SS08 collected 12/18/2024. SS09, SS10, and SS11 collected 12/23/2024. SS02 is a discrete sample. All other samples are 5-point composite samples.

### Legend

Soil Sample



New Release Excavation (12/23/2024)



Historical Excavation (12/23/2024)



Oil & Gas Wells



Mapping by: K. O'Brien, 12/26/2024 Coordinate System: NAD 1983 UTM Zone 13 N

Location: Sec 19 T27N R1E NMPM

EPCMU #012 Project Map Benson-Montin-Greer Drilling Corporation **Attachment 1** 





Photo 1: EPCMU #012 well sign.



Photo 2: Overall release area and flowpath.



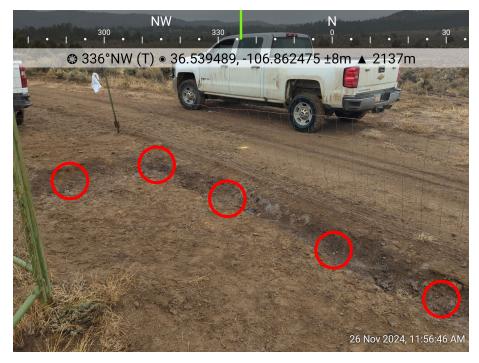


Photo 3: SS01 collected as a 5-point composite sample from the release area and flowpath.



Photo 4: SS02 collected as a discrete sample from within the wellhead excavation.





Photo 5: Wellhead excavation and new release excavation.



Photo 6: SS03 collected as a 5-point composite sample from the west sidewall of wellhead excavation area.





Photo 7: SS04 collected as a 5-point composite sample from east sidewall of wellhead excavation area.

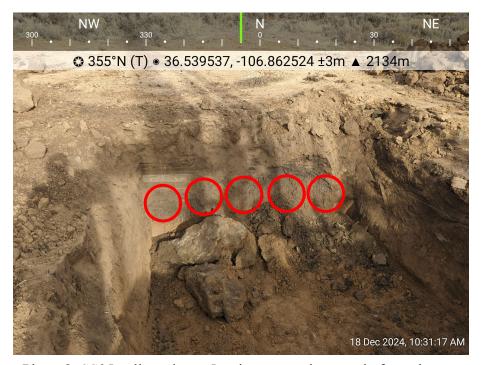


Photo 8: SS05 collected as a 5-point composite sample from the north sidewall of wellhead excavation area.



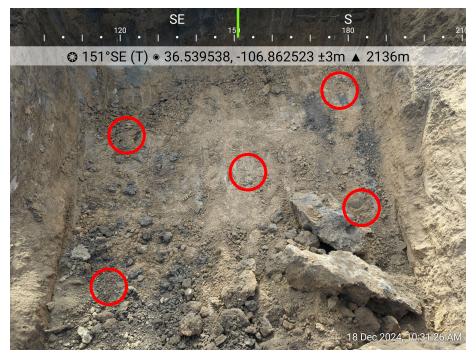


Photo 9: SS06 collected as a 5-point composite sample from the base of wellhead excavation area.



Photo 10: SS07 collected as a 5-point composite sample from south sidewall of excavation area.



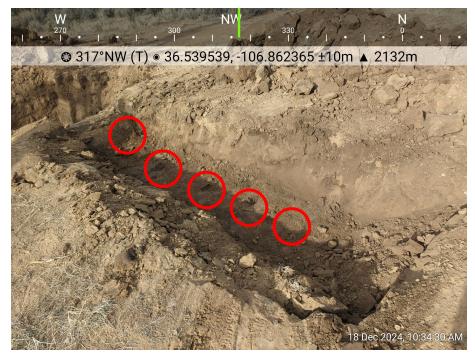


Photo 11: SS08 collected as a 5-point composite sample from new release excavation area.



Photo 12: South sidewall following Micro-blaze treatment.





Photo 13: SS09 collected as a 5-point composite from east sidewall of wellhead excavation area 12/23/2024.



Photo 14: SS10 (red) collected as a 5-point composite from new release excavation area and SS11 (yellow) collected as a 5-point composite from south sidewall of wellhead excavation area, 12/23/2024.

Cottonwood Consulting LLC





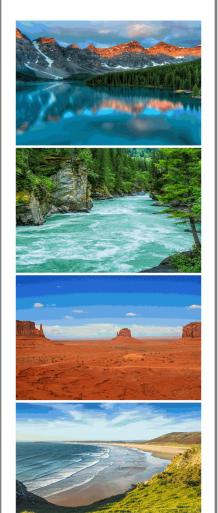
Photo 15: Excavated areas have been backfilled with clean material, 1/6/2025.



Photo 16: Excavated areas have been backfilled with clean material, 1/6/2025.

**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: EPCMU #12 (H-19)

Work Order: E411291

Job Number: 20035-C-0001

Received: 11/26/2024

Revision: 3

Report Reviewed By:

Walter Hinchman Laboratory Director 12/6/24

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: 12/6/24

Kyle Siesser PO Box 1653 Durango, CO 81302

Project Name: EPCMU #12 (H-19)

Workorder: E411291

Date Received: 11/26/2024 2:42:00PM

Kyle Siesser,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/26/2024 2:42:00PM, under the Project Name: EPCMU #12 (H-19).

The analytical test results summarized in this report with the Project Name: EPCMU #12 (H-19) 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

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### **Sample Summary**

	Cottonwood Consulting	Project Name:	EPCMU #12 (H-19)	Reported:
-	PO Box 1653	Project Number:	20035-C-0001	Reported.
-	Durango CO, 81302	Project Manager:	Kyle Siesser	12/06/24 11:25

Client Sample ID	Lab Sample ID Matrix	Sampled	Received	Container
SS01	E411291-01A Soil	11/26/24	11/26/24	Glass Jar, 4 oz.
	E411291-01B Soil	11/26/24	11/26/24	Glass Jar, 4 oz.
SS02	E411291-02A Soil	11/26/24	11/26/24	Glass Jar, 4 oz.
	E411291-02B Soil	11/26/24	11/26/24	Glass Jar. 4 oz.



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Project Name: EPCMU #12 (H-19)

Workorder:E411291

Date Received: 11/26/24 14:42

The client requested the following sample(s) to be re-extracted and re-analyzed:

<u>Sample Name</u> <u>Laboratory ID</u> <u>Analysis</u>

SS01 E411291-01 DRO/ORO 8015

The analytical test results summarized in this revised report represent this re-extration and re-analysis.

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

Respectfully,

Walter Hinchman

## **Sample Data**

Cottonwood Consulting	Project Name:	EPCMU #12 (H-19)	
PO Box 1653	Project Number:	20035-C-0001	Reported:
Durango CO, 81302	Project Manager:	Kyle Siesser	12/6/2024 11:25:14AM

### **SS01**

### E411291-01

		Reporting					
Analyte	Result	Limit	Dilı	ıtion	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst:	: SL		Batch: 2448070
Benzene	ND	0.0250		1	11/27/24	11/28/24	
Ethylbenzene	0.0493	0.0250		1	11/27/24	11/28/24	
Toluene	0.0421	0.0250		1	11/27/24	11/28/24	
o-Xylene	0.0979	0.0250		1	11/27/24	11/28/24	
p,m-Xylene	0.195	0.0500		1	11/27/24	11/28/24	
Total Xylenes	0.293	0.0250		1	11/27/24	11/28/24	
Surrogate: 4-Bromochlorobenzene-PID		85.8 %	70-130		11/27/24	11/28/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: SL		Batch: 2448070
Gasoline Range Organics (C6-C10)	ND	20.0		1	11/27/24	11/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.7 %	70-130		11/27/24	11/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: NV		Batch: 2449058
Diesel Range Organics (C10-C28)	1040	25.0		1	12/04/24	12/04/24	
Oil Range Organics (C28-C36)	946	50.0		1	12/04/24	12/04/24	
Surrogate: n-Nonane		130 %	50-200		12/04/24	12/04/24	



## **Sample Data**

Cottonwood Consulting	Project Name:	EPCMU #12 (H-19)	
PO Box 1653	Project Number:	20035-C-0001	Reported:
Durango CO, 81302	Project Manager:	Kyle Siesser	12/6/2024 11:25:14AM

### **SS02**

#### E411291-02

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst:	SL		Batch: 2448070
Benzene	ND	0.0250	1	l	11/27/24	11/28/24	
Ethylbenzene	0.0800	0.0250	1	[	11/27/24	11/28/24	
Toluene	0.0593	0.0250	1	[	11/27/24	11/28/24	
o-Xylene	0.146	0.0250	1	l	11/27/24	11/28/24	
p,m-Xylene	0.333	0.0500	1	l	11/27/24	11/28/24	
Total Xylenes	0.479	0.0250	1	l	11/27/24	11/28/24	
Surrogate: 4-Bromochlorobenzene-PID		85.9 %	70-130		11/27/24	11/28/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	SL		Batch: 2448070
Gasoline Range Organics (C6-C10)	ND	20.0	1	[	11/27/24	11/28/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.8 %	70-130		11/27/24	11/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	AF		Batch: 2448064
Diesel Range Organics (C10-C28)	1180	25.0	1		11/27/24	11/28/24	
Oil Range Organics (C28-C36)	954	50.0	1	[	11/27/24	11/28/24	
Surrogate: n-Nonane	·	100 %	50-200		11/27/24	11/28/24	



Cottonwood Consulting	Project Name:	EPCMU #12 (H-19)	Reported:
PO Box 1653	Project Number:	20035-C-0001	
Durango CO, 81302	Project Manager:	Kyle Siesser	12/6/2024 11:25:14AM

Durango CO, 81302		3						12/0	5/2024 11:25:14AN
V. L. (2). O							Analyst: BA		
Analyte	Result		-		Rec		RPD		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2448070-BLK1)							Prepared:	11/27/24 Ana	alyzed: 11/27/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene		0.0250							
p,m-Xylene		0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	6.90		8.00		86.3	70-130			
LCS (2448070-BS1)							Prepared:	11/27/24 Ana	alyzed: 11/27/24
Benzene	5.06	0.0250	5.00		101	70-130			
Ethylbenzene	4.83	0.0250	5.00		96.7	70-130			
Toluene	4.96	0.0250	5.00		99.2	70-130			
o-Xylene	4.82	0.0250	5.00		96.5	70-130			
p,m-Xylene		0.0500			98.0				
Total Xylenes	14.6	0.0250	15.0		97.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.99		8.00		87.3	70-130			
LCS Dup (2448070-BSD1)							Prepared:	11/27/24 Ana	alyzed: 11/27/24
Benzene	5.27	0.0250	5.00		105	70-130	4.05	20	
Ethylbenzene	5.04	0.0250	5.00		101	70-130	4.24	20	
Toluene	5.17	0.0250	5.00		103	70-130	4.19	20	
o-Xylene	5.03	0.0250	5.00		101	70-130	4.21	20	
o,m-Xylene	10.2	0.0500	10.0		102	70-130	4.18	20	
Total Xylenes	15.3	0.0250	15.0		102	70-130	4.19	20	
Surrogate: 4-Bromochlorobenzene-PID	6.89		8.00		86.2	70-130			



Cottonwood Consulting	Project Name:	EPCMU #12 (H-19)	Reported:
PO Box 1653	Project Number:	20035-C-0001	•
Durango CO, 81302	Project Manager:	Kyle Siesser	12/6/2024 11:25:14AM

Durango CO, 81302		Project Manage	r: Ky	le Siesser				12	/6/2024 11:25:14AN
	Non	halogenated	Organics	oy EPA 801	15D - G	RO			Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2448070-BLK1)							Prepared:	11/27/24 Ar	nalyzed: 11/27/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.56		8.00		94.6	70-130			
LCS (2448070-BS2)							Prepared:	11/27/24 Ar	nalyzed: 11/28/24
Gasoline Range Organics (C6-C10)	43.1	20.0	50.0		86.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.77		8.00		97.1	70-130			
LCS Dup (2448070-BSD2)							Prepared:	11/27/24 Ar	nalyzed: 11/28/24
Gasoline Range Organics (C6-C10)	43.2	20.0	50.0		86.4	70-130	0.326	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.65		8.00		95.6	70-130			

Cottonwood Consulting	Project Name:	EPCMU #12 (H-19)	Reported:
PO Box 1653	Project Number:	20035-C-0001	-
Durango CO, 81302	Project Manager:	Kyle Siesser	12/6/2024 11:25:14AM

PRO/ORO  Rec Limits % %	RPD %	RPD Limit %	Analyst: AF  Notes
ec Limits	%	Limit %	Notes
	Dramarad		
	r repared:	: 11/27/24 A	analyzed: 11/27/24
04 50-200			
	Prepared:	: 11/27/24 A	analyzed: 11/27/24
05 38-132			
8.2 50-200			
	Prepared:	: 11/27/24 A	analyzed: 11/27/24
08 38-132	2.27	20	
5.6 50-200			
05	5 38-132 2 50-200 8 38-132	4 50-200  Prepared 5 38-132 2 50-200  Prepared 8 38-132 2.27	Prepared: 11/27/24 A 5 38-132 2 50-200  Prepared: 11/27/24 A 8 38-132 2.27 20



Cottonwood Consulting	Project Name:	EPCMU #12 (H-19)	Reported:
PO Box 1653	Project Number:	20035-C-0001	•
Durango CO, 81302	Project Manager:	Kyle Siesser	12/6/2024 11:25:14AM

Durango CO, 81302		Project Manage	r: Ky	le Siesser				1.	2/0/2024 11.23.14AW							
	Nonha	logenated Or	ganics by	EPA 8015I	) - DRO	/ORO		Analyst: NV								
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit								
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes							
Blank (2449058-BLK1)							Prepared	: 12/04/24 A	nalyzed: 12/05/24							
Diesel Range Organics (C10-C28)	ND	25.0														
Oil Range Organics (C28-C36)	ND	50.0														
Surrogate: n-Nonane	48.2		50.0		96.3	50-200										
LCS (2449058-BS1)							Prepared	: 12/04/24 A	nalyzed: 12/04/24							
Diesel Range Organics (C10-C28)	252	25.0	250		101	38-132										
Surrogate: n-Nonane	89.3		50.0		179	50-200										
LCS Dup (2449058-BSD1)							Prepared	: 12/04/24 A	nalyzed: 12/04/24							
Diesel Range Organics (C10-C28)	247	25.0	250		98.9	38-132	1.68	20								
Surrogate: n-Nonane	61.7		50.0		123	50-200										

#### 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:	EPCMU #12 (H-19)	
PO Box 1653	Project Number:	20035-C-0001	Reported:
Durango CO, 81302	Project Manager:	Kyle Siesser	12/06/24 11:25

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.



### **Chain of Custody**

	CI:-		- • • • •		<del></del> -			_																
CI:		nt Inform				Invoice Info	rmation		_					e On	•				T/			<u> </u>	State	
	benotta	<u> </u>	<del>177)</del>	- (4)	-	Company:			날	ab V	<b>VO#</b>	0.			Vum	ber	83	1D	2D	3D	Std	NM	CO UT	TX
Project N	ame: PPC	MU #	IL CH	-(1)	-	Address:			— <u>炸</u>	54	<u>IIZ</u>	71		<u>,u</u>	)De		W			¥		$\times$		
	lanager: けい Pu Bの米	100	( CSC)		-	City, State, Zip:			— I	_														
Address:	10 B.9×	162	. 91	) -7	-	Phone:				⊢				Ana	lysis	and	Met	hod					A Progra	
	e, Zip: Dac	~ u ro	<u>(a 11)</u>	10L	— I I	Email:					İ										ļļ	SDWA	CWA	RCRA
Phone:	970 70	<u>, 4 . 73</u> 5	<u> </u>	1	<del></del>	Miscellaneous:			l i		ŀ										l			
Email:	Histors	<u>c ( (C)</u>	CILLOUM	<u> </u>	<u>174.64</u> 4						8	55										Compliance	e Y	or N
				Com		-Al				_	8 A	£ 6	12	8	0.00	Σ	Ĕ	etals	, F			PWSID #		
**				Sam	ple Inforn	lation		<del>_</del>	1 - 1-	-	용ㅣ	8	8	₹ 8	de 3	نَ	S S	ž	/Anic				0	
Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID		Field Filte	Lab Numb	oer	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	Cation/Anion Pkg			_	Remarks	
1175	11-26-24	Soil	2			\$501			l		X	X	$\times$											
1135	11-26-24	Soil	2		\$	302			Ż		$ \lambda $	X	$\times$											
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Addition	al Instructio	ns:								•						·	•				!		-	
I, (field samp	oler), attest to the	validity and	authenticity of	of this sample	. I am aware	that tampering with or intentionally	y mislabeling the	sample	e location	n, date	e or ti	me of o	ollect	ion is c	onside	ered fr	aud an	d may	be gro	unds f	or legal	action.		
			Date		Time	Received hv: (Signature)	<u>,                                    </u>	Date		Īī	ime		Т			Sample	es requi	ring the	rmal pr	eservat	ion mus	t be received o	n ice the day	hey are
يمز	ed by: (Signatur	رضّ		26-27	1447	Received by: (Signature)	na	11.	202	21	14	:4	7					-	-			emp above 0 t	-	
Relinguish	ed by: (Signatur	e)	Date		Time	Received by: (Signature)		Date	-LY W		ime	· /	•							_1;	b Us	e Only		
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Relinquished by: (Signature) Date Time				Time	Received by: (Signature)		Date		1	ime		$\neg$			Received on ice: (Y) N				, "			1		
nemquanea by. (alguature)						l								T1				T2			Т3			
Relinquish	ed by: (Signatur	e)	Date		Time	Received by: (Signature)		Date		7	ime					AVG	Tem	n°C	_ 4				· <del>T</del>	
Sample Mat	rix: <b>S</b> - Soil, <b>Sd</b> - So	olid, Sg - Slud	ge, A - Aqueo	us, O - Other				Conta	ainer Ty	ype:	g - g	lass, ı	p - pc	ly/pl						VOA		······································		
Note: Sam	oles are discard	ed 14 days	after results	are report	ed unless oth	er arrangements are made. Ha		les will	be retu	ırned	to cl	ient o	r disp	osed (				_				e analysis o	of the abov	e samples
ic annlicabl	la anlu ta thaca	camples re	caivad by th	a laborator	wwith this C	OC The liability of the laborate	m, ic limited to	tha ar		aaid 6		•ha -												



## envirotech

### **Envirotech Analytical Laboratory**

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:	11/26/24 14	:42		Work Order ID:	E411291
Chain of Custody (COC)  1. Does the sample 1D match the COC? 2. Does the number of samples per sampling site location match the COC 3. Does the number of samples per sampling site location match the COC 4. Wes the COC complete, i.e., signatures, data-chime, requested analyses?  5. Were all samples received within bolding time?  7. We as sample 1D match the COC inclinate standard TAT or Expedited TAT?  8. Were all samples received within bolding time?  7. Was a sample cooler received ing out one diction?  9. Was the COC inclinate standard TAT, or Expedited TAT?  9. Were sample Cooler received ing out one diction?  9. Were the sample to received in good condition?  9. Were the sample (specific that, i.e., not broken?  10. Were custody/security seals intact?  11. If yes, were custody/security seals intact?  12. Was the sample received in received in sort required, it samples are neceived with 15 minutes of sampling  13. If no visible ice, record the temperature. Actual sample temperature: 4°C  8. Sample Container.  14. Are appears VOC samples present?  15. Are VOC samples collected in VOA Vials?  16. Is the head space less than 6-8 mm (pea sized or less)?  17. Was a trip blank (TB) included for VOC analyses?  18. Are non-VOC samples collected in the correct containers?  19. Is the appropriate volume/weigh or number of sample containers collected?  19. Were field sample labels filled out with the minimum information:  10. In the propriate volume/weigh or number of samples were preserved?  10. And the sample have more than one phase, i.e., multiphase?  21. Does the COC or field labels indicate the samples were preserved?  22. Are samples copieded one of dissolved metals?  No. Malifejanas Sample Marix.  23. Does the COC or specify which phase(e) is to be analyzed?  No. Subcontract Laboratory specified by the client and if so who?  19. Was a subcontract Laboratory specified by the client and if so who?  19. Was a subcontract Laboratory specified by the client and if so who?  19. Wear Sample contract Laboratory specifi	Phone:	970-764-7356	Date Logged In:	11/27/24 09	:18		Logged In By:	Caitlin Mars
Does the sample ID match the COC?   2. Does the number of samples per sampling site location match the COC   Yes   New Samples of per sampling site location match the COC   Yes   New Samples of Possible for carrier?   Yes   New Samples (Coc Complete, i.e., signatures, datas/mines, requested analyses?   Yes   Note: Analysis, such as pit which should be conducted in the field, i.e. 15 minute hold time, are not included in this discussion.   Yes   Sample Turn Around Time (TAT)   Yes   Note: Analysis, such as pit which should be conducted in the field, i.e. 15 minute hold time, are not included in this discussion.   Yes   Sample Cooler received in good condition?   Yes   Sample Cooler received in good condition?   Yes   Yes   Sample Cooler received in good condition?   Yes   Yes   Note: Thermal processurion is not required. If samples are received will 15 minutes of sampling   Samples of sampling   Samples will be sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°22°C   Yes   Note: Thermal processurion is not required. If samples are received will 15 minutes of sampling   Samples of sampling   Samples of sampling   Note   Not	Email:	ksiesser@cottonwoodconsulting.com	Due Date:	12/03/24 17	:00 (3 day TAT)			
Does the sample ID match the COC?   2. Does the number of samples per sampling site location match the COC   Yes   New Samples of per sampling site location match the COC   Yes   New Samples of Possible for carrier?   Yes   New Samples (Coc Complete, i.e., signatures, datas/mines, requested analyses?   Yes   Note: Analysis, such as pit which should be conducted in the field, i.e. 15 minute hold time, are not included in this discussion.   Yes   Sample Turn Around Time (TAT)   Yes   Note: Analysis, such as pit which should be conducted in the field, i.e. 15 minute hold time, are not included in this discussion.   Yes   Sample Cooler received in good condition?   Yes   Sample Cooler received in good condition?   Yes   Yes   Sample Cooler received in good condition?   Yes   Yes   Note: Thermal processurion is not required. If samples are received will 15 minutes of sampling   Samples of sampling   Samples will be sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°22°C   Yes   Note: Thermal processurion is not required. If samples are received will 15 minutes of sampling   Samples of sampling   Samples of sampling   Note   Not	~ .							
2. Does the number of samples aper sampling site location match the COC 3. Were samples dropped off by client or carriery 4. Was the COC complete, i.e., signatures, datestimes, requested analyses? 5. Were all samples received within holding time? 5. The complete of the conducted in this dissession. 5. Sample Terra Armouf Timer (TAN) 6. Did the COC indicate standard TAT, or Expedited TAT? 7. Was a sample cooler received? 8. If yes, was cooler received? 9. Was the sample(so preceived in good condition? 9. Was the sample(so preceived in good condition? 9. Was the sample cooler received? 10. Were custedy/security seals present? 11. If yes, were custody/security seals intact? 12. Was the sample received on size? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received will 15 minutes of sampling 13. If no visible ice, record the temperature. Actual sample temperature: 14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOA Vials? 16. Is the hoad space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 19. Is the appropriate volume/weight or number of sample containers? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Owere field sample labels filled out with the minimum information: 19. Sample Included and/or requested for dissolved metals? 20. Were field sample labels indicate the samples were preserved? 21. Does the COC or field labels indicate the samples were preserved? 22. Are samples(o) correctly preserved? 23. Are samples(o) erreceity preserved? 24. Is lab filleration required and/or requested for dissolved metals? 25. Ones the sample have more than one phase, i.e., multiphase? 26. No. Subcontract Laboratory. 27. If yes, does the COC specify which phase(s) is to be analyzed? 28. Are samples apple have more than one								
3. Were samples dropped off by client or carrier? 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? 5. Were all samples received within holding time? 5. Note: Analysis, such as pH which should be conducted in the field, i.e. [5 minute hold time, are not included in this diseason.  Sample Turn Around Time (TAT) 6. Did the COC indicates standard TAT, or Expedited TAT? 7. Was a sample cooler received? 7. Was a sample cooler received in good condition? 8. (I'yes, was cooler received in good condition? 9. Was the sample(s) received aintact, i.e., not broken? 10. Were custody/security seals intact? 11. If yes, were custody/security seals intact? 12. Was the sample received on ise? If yes, the recorded temp is 4°C, i.e., 6*e2°C Note: Thermal preservation is not required, if samples are received wil 15 minutes of sampling 13. If no visible ice, record the temperature. Actual sample temperature: 14. Are aqueous VOC samples orlected in VOA Vials? 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the paraphet collected in the correct containers? 20. Were field sample labels filled out with the minimum information: 3 sample Dresservation 21. Does the COC or field labels indicate the samples were preserved? 22. Les samples) correctly preserved? 23. Les samples) correctly preserved? 24. Is lab filteration required and/or requested for dissolved metals? 25. Does the Sample have more than one phase, i.e., multiphase? 26. Loss the sample have more than one phase, i.e., multiphase? 27. If yes, does the COC specify which phase(s) is to be analyzed? 28. Are samples required to get sent to a subcontract laboratory? 29. Was a subcontract Laboratory specified by the client and if so who? 29. Was a subcontract Laboratory specified by the client and if so who? 29. Was a subcontract Laboratory specified by the client and if so who?		•	h sha COC					
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5. Were all samples received within holding time?  Note, Amples, the size of the standard TAT; or Expedited TAT?  Sample Turn Around Time (TAT)  Sample Cooler  Note (Sample Cooler)  Note (Sample Sample (Sample Sample Sample)  Note (Sample Cooler)  Note (Sample Sample)  Note (Sample Sample)  Note (Sample Sample)  Note (Sample Cooler)  Note (Sample Sample (Sample Sample)  Note (Sample Cooler)  Note (Sample Cooler)  Note (Sample (Sample Sample)  Note (Sample)  Note		• • • •	- 410		Carrier: Jos	seph LaFortune		
Note: Analysis, such as plt which should be conducted in the field, i.e., 15 miluse hold time, are not included in this discussion.		- · · · · · · · · · · · · · · · · · · ·	ed analyses?					
6. Did the COC indicate standard TAT, or Expedited TAT?  Sample Cooler  7. Was a sample cooler received?  8. If yes, was cooler received in good condition?  9. Was the sample (s) received intact, i.e., not broken?  10. Were custody/security seals intact?  11. If yes, were custody/security seals intact?  12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C  Not: Themal preservation is not required, if samples are received wi 15 minutes of sampling  13. If no visible ice, record the temperature. Actual sample temperature: 4°C  Sample Container  14. Are aqueous VOC samples collected in VOA Vials?  15. Are VOC samples collected in VOA Vials?  16. Is the head space less than 6-8 mm (pea sized or less)?  17. Was a trip blank (TB) included for VOC analyses?  18. Are non-VOC samples collected in the correct containers?  19. Is the appropriate volume/weight or number of sample containers?  19. Use filed Label  20. Were field sample labels filled out with the minimum information:  Sample Treservation.  21. Does the COC or field labels indicate the samples were preserved?  22. Are sample(s) correctly preserved?  23. Are sample(s) correctly preserved?  24. Is lab filteration required and/or requested for dissolved metals?  25. Does the sample have more than one phase, i.e., multiphase?  26. Does the sample have more than one phase, i.e., multiphase?  27. If yes, does the COC specify which phase(s) is to be analyzed?  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?  No.  Subcontract Lab: NA	5. were	Note: Analysis, such as pH which should be conducted in		res	_		Comment	ts/Resolution
Sample Cooler 7. Was a sample cooler received? 7. Was a sample cooler received in good condition? 7. Was a sample (so preceived in good condition? 7. Was a sample (so) received in good condition? 7. Was the sample(s) received intact, i.e., not broken? 7. Was the sample(s) received intact, i.e., not broken? 7. Was the sample (so) received intact, i.e., not broken? 7. Was the sample received on ite? If yes, the recorded temp is 4°C, i.e., 6°±2°C 7. Note: Thermal preservation is not required, if samples are received wis 15 minutes of sampling 7. If no visible ice, record the temperature. Actual sample temperature: 4°C 7. Sample Container 7. Was a trip blank (TB) included for VOA vials? 7. Was a trip blank (TB) included for VOA canalyses? 7. Was a trip blank (TB) included for VOA canalyses? 7. Was a trip blank (TB) included for VOA canalyses? 7. Was a trip blank (TB) included for VOA canalyses? 7. Was a trip blank (TB) included for VOA canalyses? 8. Were field sample labels filled out with the minimum information: 8. Sample ID? 9. Date-Time Collected? 9. Collectors name? 9. Sample Preservation 12. Does the COC or field labels indicate the samples were preserved? 12. Are sample(s) correctly preserved? 13. Is lab filteration required and/or requested for dissolved metals? 14. Is lab filteration required and/or requested for dissolved metals? 15. Obes the COC of specify which phase(s) is to be analyzed? 16. Is the sample have more than one phase, i.e., multiphase? 17. If yes, does the COC specify which phase(s) is to be analyzed? 18. Are samples required to get sent to a subcontract laboratory? 18. Are samples required to get sent to a subcontract laboratory? 19. Was a subcontract Laboratory specified by the client and if so who? 19. Was a subcontract Laboratory specified by the client and if so who? 19. Was a subcontract Laboratory specified by the client and if so who? 19. Was a subcontract Laboratory specified by the client and if so who? 19. Was a subcontract Laboratory specified by the client and if so who? 19. W								
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envirotech

Report to: Kyle Siesser







5796 U.S. Hwy 64 Farmington, NM 87401

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





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## **Analytical Report**

**Cottonwood Consulting** 

Project Name: EPCMU #12 (H-19)

Work Order: E412142

Job Number: 20035-C-0001

Received: 12/18/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 12/20/24

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: 12/20/24

Kyle Siesser PO Box 1653 Durango, CO 81302

Durango, CO 61302

Project Name: EPCMU #12 (H-19)

Workorder: E412142

Date Received: 12/18/2024 1:45:00PM

Kyle Siesser,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/18/2024 1:45:00PM, under the Project Name: EPCMU #12 (H-19).

The analytical test results summarized in this report with the Project Name: EPCMU #12 (H-19) 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

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Chain of Custody etc.	15

### **Sample Summary**

Cottonwood Consulting	Project Name:	EPCMU #12 (H-19)	Reported:
PO Box 1653	Project Number:	20035-C-0001	Reported.
Durango CO, 81302	Project Manager:	Kyle Siesser	12/20/24 11:58

CP 46 LID		34 .	C 1.1	ъ	<b>C</b>
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS03	E412142-01A	Soil	12/18/24	12/18/24	Glass Jar, 4 oz.
	E412142-01B	Soil	12/18/24	12/18/24	Glass Jar, 4 oz.
SS04	E412142-02A	Soil	12/18/24	12/18/24	Glass Jar, 4 oz.
	E412142-02B	Soil	12/18/24	12/18/24	Glass Jar, 4 oz.
SS05	E412142-03A	Soil	12/18/24	12/18/24	Glass Jar, 4 oz.
	E412142-03B	Soil	12/18/24	12/18/24	Glass Jar, 4 oz.
SS06	E412142-04A	Soil	12/18/24	12/18/24	Glass Jar, 4 oz.
	E412142-04B	Soil	12/18/24	12/18/24	Glass Jar, 4 oz.
SS07	E412142-05A	Soil	12/18/24	12/18/24	Glass Jar, 4 oz.
	E412142-05B	Soil	12/18/24	12/18/24	Glass Jar, 4 oz.
SS08	E412142-06A	Soil	12/18/24	12/18/24	Glass Jar, 4 oz.
	E412142-06B	Soil	12/18/24	12/18/24	Glass Jar, 4 oz.



Cottonwood Consulting	Project Name:	EPCMU #12 (H-19)	
PO Box 1653	Project Number:	20035-C-0001	Reported:
Durango CO, 81302	Project Manager:	Kyle Siesser	12/20/2024 11:58:28AM

#### SS03 E412142-01

		E412142-01				
Analyte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: SL		Batch: 2451058
Benzene	ND	0.0250	1	12/18/24	12/19/24	
Ethylbenzene	ND	0.0250	1	12/18/24	12/19/24	
Toluene	ND	0.0250	1	12/18/24	12/19/24	
o-Xylene	ND	0.0250	1	12/18/24	12/19/24	
p,m-Xylene	ND	0.0500	1	12/18/24	12/19/24	
Total Xylenes	ND	0.0250	1	12/18/24	12/19/24	
Surrogate: 4-Bromochlorobenzene-PID		88.6 %	70-130	12/18/24	12/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: SL		Batch: 2451058
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/24	12/19/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.2 %	70-130	12/18/24	12/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: NV		Batch: 2451063
Diesel Range Organics (C10-C28)	25.5	25.0	1	12/18/24	12/18/24	
Oil Range Organics (C28-C36)	65.9	50.0	1	12/18/24	12/18/24	
Surrogate: n-Nonane		111 %	50-200	12/18/24	12/18/24	



Cottonwood Consulting	Project Name:	EPCMU #12 (H-19)	
PO Box 1653	Project Number:	20035-C-0001	Reported:
Durango CO, 81302	Project Manager:	Kyle Siesser	12/20/2024 11:58:28AM

#### **SS04**

		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	.nalyst: SL		Batch: 2451058
Benzene	ND	0.0250	1	12/18/24	12/19/24	
Ethylbenzene	ND	0.0250	1	12/18/24	12/19/24	
Toluene	ND	0.0250	1	12/18/24	12/19/24	
o-Xylene	ND	0.0250	1	12/18/24	12/19/24	
p,m-Xylene	ND	0.0500	1	12/18/24	12/19/24	
Total Xylenes	ND	0.0250	1	12/18/24	12/19/24	
Surrogate: 4-Bromochlorobenzene-PID		88.9 %	70-130	12/18/24	12/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: SL		Batch: 2451058
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/24	12/19/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.4 %	70-130	12/18/24	12/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: NV		Batch: 2451063
Diesel Range Organics (C10-C28)	140	25.0	1	12/18/24	12/19/24	
Oil Range Organics (C28-C36)	310	50.0	1	12/18/24	12/19/24	
Surrogate: n-Nonane		109 %	50-200	12/18/24	12/19/24	

Cottonwood Consulting	Project Name:	EPCMU #12 (H-19)	
PO Box 1653	Project Number:	20035-C-0001	Reported:
Durango CO, 81302	Project Manager:	Kyle Siesser	12/20/2024 11:58:28AM

#### **SS05**

Reporting						
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2451058
Benzene	ND	0.0250	1	12/18/24	12/19/24	
Ethylbenzene	ND	0.0250	1	12/18/24	12/19/24	
Toluene	ND	0.0250	1	12/18/24	12/19/24	
o-Xylene	ND	0.0250	1	12/18/24	12/19/24	
p,m-Xylene	ND	0.0500	1	12/18/24	12/19/24	
Total Xylenes	ND	0.0250	1	12/18/24	12/19/24	
Surrogate: 4-Bromochlorobenzene-PID		89.6 %	70-130	12/18/24	12/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2451058
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/24	12/19/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.7 %	70-130	12/18/24	12/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2451063
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/24	12/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/24	12/18/24	
Surrogate: n-Nonane		112 %	50-200	12/18/24	12/18/24	



Cottonwood Consulting	Project Name:	EPCMU #12 (H-19)	
PO Box 1653	Project Number:	20035-C-0001	Reported:
Durango CO, 81302	Project Manager:	Kyle Siesser	12/20/2024 11:58:28AM

#### **SS06**

Reporting						
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2451058
Benzene	ND	0.0250	1	12/18/24	12/19/24	
Ethylbenzene	ND	0.0250	1	12/18/24	12/19/24	
Toluene	ND	0.0250	1	12/18/24	12/19/24	
o-Xylene	ND	0.0250	1	12/18/24	12/19/24	
p,m-Xylene	ND	0.0500	1	12/18/24	12/19/24	
Total Xylenes	ND	0.0250	1	12/18/24	12/19/24	
Surrogate: 4-Bromochlorobenzene-PID		90.7 %	70-130	12/18/24	12/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	vst: SL		Batch: 2451058
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/24	12/19/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.0 %	70-130	12/18/24	12/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	vst: NV		Batch: 2451063
Diesel Range Organics (C10-C28)	ND	25.0	1	12/18/24	12/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/18/24	12/18/24	



Cottonwood Consulting	Project Name:	EPCMU #12 (H-19)	
PO Box 1653	Project Number:	20035-C-0001	Reported:
Durango CO, 81302	Project Manager:	Kyle Siesser	12/20/2024 11:58:28AM

#### **SS07**

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2451058
Benzene	0.0670	0.0250	1	12/18/24	12/19/24	
Ethylbenzene	1.34	0.0250	1	12/18/24	12/19/24	
Toluene	0.430	0.0250	1	12/18/24	12/19/24	
o-Xylene	1.21	0.0250	1	12/18/24	12/19/24	
p,m-Xylene	5.77	0.0500	1	12/18/24	12/19/24	
Total Xylenes	6.98	0.0250	1	12/18/24	12/19/24	
Surrogate: 4-Bromochlorobenzene-PID		109 %	70-130	12/18/24	12/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2451058
Gasoline Range Organics (C6-C10)	129	20.0	1	12/18/24	12/19/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.0 %	70-130	12/18/24	12/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2451063
Diesel Range Organics (C10-C28)	9800	500	20	12/18/24	12/18/24	
Oil Range Organics (C28-C36)	5910	1000	20	12/18/24	12/18/24	
Surrogate: n-Nonane		133 %	50-200	12/18/24	12/18/24	<u> </u>



Cottonwood Consulting	Project Name:	EPCMU #12 (H-19)	
PO Box 1653	Project Number:	20035-C-0001	Reported:
Durango CO, 81302	Project Manager:	Kyle Siesser	12/20/2024 11:58:28AM

#### **SS08**

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2451058
Benzene	ND	0.0250	1	12/18/24	12/19/24	
Ethylbenzene	ND	0.0250	1	12/18/24	12/19/24	
Toluene	ND	0.0250	1	12/18/24	12/19/24	
o-Xylene	ND	0.0250	1	12/18/24	12/19/24	
p,m-Xylene	ND	0.0500	1	12/18/24	12/19/24	
Total Xylenes	ND	0.0250	1	12/18/24	12/19/24	
Surrogate: 4-Bromochlorobenzene-PID		95.6 %	70-130	12/18/24	12/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2451058
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/18/24	12/19/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.5 %	70-130	12/18/24	12/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2451063
Diesel Range Organics (C10-C28)	ND	50.0	2	12/18/24	12/19/24	
Oil Range Organics (C28-C36)	179	100	2	12/18/24	12/19/24	
Surrogate: n-Nonane		120 %	50-200	12/18/24	12/19/24	



Surrogate: 4-Bromochlorobenzene-PID

7.63

## **QC Summary Data**

Cottonwood ConsultingProject Name:EPCMU #12 (H-19)Reported:PO Box 1653Project Number:20035-C-0001Durango CO, 81302Project Manager:Kyle Siesser12/20/2024 11:58:28AM

Durango CO, 81302		Project Manager:		yle Siesser				12	/20/2024 11:58:28AN
		Volatile O	rganics b	y EPA 802	1B				Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2451058-BLK1)							Prepared: 1	2/18/24 Ana	alyzed: 12/19/24
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	7.58		8.00		94.7	70-130			
LCS (2451058-BS1)							Prepared: 1	2/18/24 Ana	alyzed: 12/19/24
Benzene	5.21	0.0250	5.00		104	70-130			
Ethylbenzene	5.07	0.0250	5.00		101	70-130			
Toluene	5.17	0.0250	5.00		103	70-130			
o-Xylene	5.08	0.0250	5.00		102	70-130			
p,m-Xylene	10.3	0.0500	10.0		103	70-130			
Total Xylenes	15.4	0.0250	15.0		103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.61		8.00		95.2	70-130			
LCS Dup (2451058-BSD1)							Prepared: 1	2/18/24 Ana	alyzed: 12/19/24
Benzene	5.01	0.0250	5.00		100	70-130	3.82	20	
Ethylbenzene	4.89	0.0250	5.00		97.8	70-130	3.61	20	
Toluene	4.98	0.0250	5.00		99.6	70-130	3.80	20	
o-Xylene	4.91	0.0250	5.00		98.2	70-130	3.47	20	
p,m-Xylene	9.94	0.0500	10.0		99.4	70-130	3.53	20	
Total Xylenes	14.8	0.0250	15.0		99.0	70-130	3.51	20	

70-130



Surrogate: 1-Chloro-4-fluorobenzene-FID

## **QC Summary Data**

Cottonwood Consulting	Project Name:	EPCMU #12 (H-19)	Reported:
PO Box 1653	Project Number:	20035-C-0001	·
Durango CO, 81302	Project Manager:	Kyle Siesser	12/20/2024 11:58:28AM

Durango CO, 81302		Project Manager		yle Siesser				12/2	0/2024 11:58:28AN
	Non	halogenated	Organics l	by EPA 80	15D - G	RO			Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2451058-BLK1)						I	Prepared: 12	2/18/24 Analy	yzed: 12/19/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.39		8.00		92.4	70-130			
LCS (2451058-BS2)						I	Prepared: 12	2/18/24 Analy	yzed: 12/19/24
Gasoline Range Organics (C6-C10)	43.4	20.0	50.0		86.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.49		8.00		93.6	70-130			
LCS Dup (2451058-BSD2)						I	Prepared: 12	2/18/24 Analy	yzed: 12/19/24
Gasoline Range Organics (C6-C10)	42.7	20.0	50.0		85.4	70-130	1.65	20	

70-130



Cottonwood Consulting PO Box 1653	Project Name:	EPCMU #12 (H-19) 20035-C-0001	Reported:
Durango CO, 81302	Project Number: Project Manager:	Kyle Siesser	12/20/2024 11:58:28AM

Durango CO, 81302		Project Manage	r: Ky	le Siesser				12/.	20/2024 11:58:28A
	Nonha	logenated Or	ganics by	EPA 8015I	D - DRO	/ORO			Analyst: NV
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2451063-BLK1)							Prepared: 12	2/18/24 Ana	yzed: 12/18/24
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	55.6		50.0		111	50-200			
LCS (2451063-BS1)							Prepared: 12	2/18/24 Ana	lyzed: 12/18/24
Diesel Range Organics (C10-C28)	281	25.0	250		112	38-132			
urrogate: n-Nonane	53.0		50.0		106	50-200			
Matrix Spike (2451063-MS1)				Source:	E412142-	02	Prepared: 12	2/18/24 Ana	lyzed: 12/19/24
Diesel Range Organics (C10-C28)	515	25.0	250	140	150	38-132			M4
urrogate: n-Nonane	58.9		50.0		118	50-200			
Matrix Spike Dup (2451063-MSD1)				Source:	E412142-	02	Prepared: 12	2/18/24 Ana	yzed: 12/19/24
Diesel Range Organics (C10-C28)	520	25.0	250	140	152	38-132	0.972	20	M4
Gurrogate: n-Nonane	59.4		50.0		119	50-200			

#### 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**

l	Cottonwood Consulting	Project Name:	EPCMU #12 (H-19)	
l	PO Box 1653	Project Number:	20035-C-0001	Reported:
l	Durango CO, 81302	Project Manager:	Kyle Siesser	12/20/24 11:58

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.

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** 

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Chain of Custody

E	PA Pr	ogra	ım
C١	VA	SD	WA
		RC	RA
Sta	ate		
UT	AZ	TX	

Client: Cottonwood Consulting Project: EPCMU #12 (H-19)			Bill To					La	b U	se On	ly				T	EPA Program					
					Attention		-		Lab	WO#			Job				.D 2D	3D	Standard	CWA	SDWA
	Manager: K		esser		Address:				FC	112	140	_			-6-0				X		
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Report d	ue by:								15	to by	802	8260	5010	300					×		
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	
1015	12-18-2019	Soil	2		SS	603		-	1	<b>√</b>	✓										
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please		e@cotto		nsulting.com																	
			aud and may	be grounds for lega	al action.	ring with or intentionally m Sampled by:	nislabelling t	he sample l	ocation										ceived on ice the day 6°C on subsequent d		led or received
192	ed by: (Signatur		Date 12	-18-24 J3	45 Rece	ived by: (Signature)		Date 12-18	-24	Time	15		Rece	eived	l on ic	e: <i>(</i>	Lab L	Jse Or N	nly		
Refinquish	ed by: (Signatur	e)	Date		Rece	ived by: (Signature)		Date		Time			T1						T3		
Relinquish	ed by: (Signatur	e)	Date	Time	Rece	ived by: (Signature)		Date		Time			AVG Temp °C_4				<u>T2</u>				
Sample Mar	rix: <b>S</b> - Soil, <b>Sd</b> - S	olid, <b>Sg</b> - Slu	dge, <b>A</b> - Aque	ous, O - Other			e en	Containe	r Type	2: g - g	glass,	<b>p</b> - p					glass, v	- VOA			
						ements are made. Haza	ardous sam	ples will b	e retur	ned to	client	t or d	lispose	d of a						ysis of the a	above



**Project Information** 

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Email: ksiesser@cottonwoodconsulting,com							My	by 8(	171	09	0	0.00							NM CO	UT AZ	TX						
Report d	ue by:	-											015	ORO	ny 80	y 82	601	de 3(						N TO	×		
Time Sampled	Date Samp	ed	Matri	×	No. of Containers	Sample ID					Lab Number	DRO 8015	GRO/DRO by	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0								Remarks		
1015	12-18-3	27	Soi	il	2				SS03			1	1	1	1												lesser
1000					(				SS04			2													Change to :	se T	AT
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														A SANS													
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I, (field sam	pler), attest t	o the	validity	and a	uthenticity		e. I am av	vare that	t tampering wit	h or intentionall	ly mislabelling t	he sample lo	ocation	1,			10000000								on ice the day t subsequent da		ed or received
	ed by: (Sign								Received by			Date	REFE	Time		A IB	HOS.		A Maria		L	ab U	se On	ily			
Relinquished by: (Signature)  Date 12-18-24 Time 12-18-24 Noe Sodo					0	12-18	-24	13	45	,	Rece	eived	doni	ice:	EY	NYC											
Relinquished by: (Signature)  Date Time Received by: (Signature)				Date		Time			T1				T2				Т3										
Relinquished by: (Signature)  Date  Time  Received by: (Signature)				Date		Time				Ten	np °C	4															
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other						Containe	r Typ	e: g - s	alass		_	_			er gla	SS. V -	VOA										
			_	_				other a	arrangements	are made. H				_	_				_		_	_		port f	or the analy	sis of the a	bove
The second second	A comment of the contract of the contract of			Section 1990					STATE OF THE PARTY	liability of the		The second secon					and the same										



Printed: 12/19/2024 3:04:34PM

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

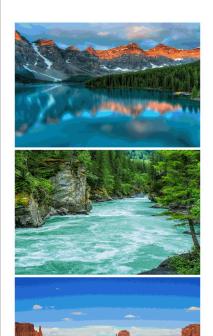
Instructions: Please take note of any NO checkmarks.

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:	12/18/24 13	:45		Work Order ID:	E412142
Phone:	970-764-7356	Date Logged In:	12/18/24 14	:29		Logged In By:	Noe Soto
Email:	ksiesser@cottonwoodconsulting.com	Due Date:	12/19/24 17	7:00 (1 day TAT)			
CI : C	C 4 1 (COC)						
	Custody (COC)		77				
	ne sample ID match the COC?	ah tha COC	Yes				
	ne number of samples per sampling site location mat	cn the COC	Yes				
	amples dropped off by client or carrier?	. 1 1 0	Yes	Carrier: <u>Jo</u>	oseph LaFortune		
	e COC complete, i.e., signatures, dates/times, reques	ited analyses?	Yes				
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssic		Yes			Comment	s/Resolution
Sample T	urn Around Time (TAT)				G 1 11		
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes			name is mis	ssing on COC by
Sample C	<u>Cooler</u>				client.		
7. Was a s	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was the	e 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				
	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes				
Sample C		<u></u>	_				
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers?	)	Yes				
	appropriate volume/weight or number of sample contain		Yes				
Field Lat	· · · · · · · · · · · · · · · · · · ·	iers conceted.	103				
•	field sample labels filled out with the minimum info	rmation					
	ample ID?	Tinution.	Yes				
	ate/Time Collected?		Yes	l			
C	ollectors name?		Yes				
Sample P	reservation_						
21. Does	the COC or field labels indicate the samples were pr	eserved?	No				
22. Are sa	ample(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved m	etals?	No				
Multipha	se Sample Matrix						
26. Does	the sample have more than one phase, i.e., multiphas	se?	No				
27. If yes,	does the COC specify which phase(s) is to be analy	zed?	NA				
	act Laboratory						
	arc <u>Laboratory</u> Imples required to get sent to a subcontract laborator	m19	No				
	subcontract laboratory specified by the client and if	•		Subcontract Lab	NI A		
		so who:	INZA S	Subcontract Lab	); NA		
Client Ir	<u>struction</u>						

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

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: EPCMU #12 (H-19)

Work Order: E412191

Job Number: 20035-C-0001

Received: 12/23/2024

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 12/24/24

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: 12/24/24

Kyle Siesser PO Box 1653 Durango, CO 81302

Project Name: EPCMU #12 (H-19)

Workorder: E412191

Date Received: 12/23/2024 2:15:00PM

Kyle Siesser,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/23/2024 2:15:00PM, under the Project Name: EPCMU #12 (H-19).

The analytical test results summarized in this report with the Project Name: EPCMU #12 (H-19) 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

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### **Sample Summary**

	Cottonwood Consulting	Project Name:	EPCMU #12 (H-19)	Reported:
-	PO Box 1653	Project Number:	20035-C-0001	Reported.
-	Durango CO, 81302	Project Manager:	Kyle Siesser	12/24/24 10:11

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS09	E412191-01A	Soil	12/23/24	12/23/24	Glass Jar, 4 oz.
	E412191-01B	Soil	12/23/24	12/23/24	Glass Jar, 4 oz.
SS10	E412191-02A	Soil	12/23/24	12/23/24	Glass Jar, 4 oz.
	E412191-02B	Soil	12/23/24	12/23/24	Glass Jar, 4 oz.
SS11	E412191-03A	Soil	12/23/24	12/23/24	Glass Jar, 4 oz.
	E412191-03B	Soil	12/23/24	12/23/24	Glass Jar, 4 oz.



Cottonwood Consulting	Project Name:	EPCMU #12 (H-19)	
PO Box 1653	Project Number:	20035-C-0001	Reported:
Durango CO, 81302	Project Manager:	Kyle Siesser	12/24/2024 10:11:42AM

### SS09 E412191-01

		Reporting					
Analyte	Result	Limit	Dilı	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RKS		Batch: 2452026
Benzene	ND	0.0250		1	12/23/24	12/23/24	
Ethylbenzene	ND	0.0250		1	12/23/24	12/23/24	
Toluene	ND	0.0250		1	12/23/24	12/23/24	
o-Xylene	ND	0.0250		1	12/23/24	12/23/24	
p,m-Xylene	ND	0.0500		1	12/23/24	12/23/24	
Total Xylenes	ND	0.0250		1	12/23/24	12/23/24	
Surrogate: Bromofluorobenzene		118 %	70-130		12/23/24	12/23/24	
Surrogate: 1,2-Dichloroethane-d4		95.5 %	70-130		12/23/24	12/23/24	
Surrogate: Toluene-d8		113 %	70-130		12/23/24	12/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RKS		Batch: 2452026
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/23/24	12/23/24	
Surrogate: Bromofluorobenzene		118 %	70-130		12/23/24	12/23/24	
Surrogate: 1,2-Dichloroethane-d4		95.5 %	70-130		12/23/24	12/23/24	
Surrogate: Toluene-d8		113 %	70-130		12/23/24	12/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2452018
Diesel Range Organics (C10-C28)	ND	25.0		1	12/23/24	12/24/24	
Oil Range Organics (C28-C36)	ND	50.0		1	12/23/24	12/24/24	
Surrogate: n-Nonane		104 %	50-200		12/23/24	12/24/24	



Cottonwood Consulting	Project Name:	EPCMU #12 (H-19)	
PO Box 1653	Project Number:	20035-C-0001	Reported:
Durango CO, 81302	Project Manager:	Kyle Siesser	12/24/2024 10:11:42AM

### SS10

T2 4 1	21	Λ1	0.3
E41	41	71	-UZ

		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: l	RKS		Batch: 2452026
Benzene	ND	0.0250		1	12/23/24	12/23/24	
Ethylbenzene	ND	0.0250		1	12/23/24	12/23/24	
Toluene	ND	0.0250		1	12/23/24	12/23/24	
o-Xylene	ND	0.0250		1	12/23/24	12/23/24	
p,m-Xylene	ND	0.0500		1	12/23/24	12/23/24	
Total Xylenes	ND	0.0250		1	12/23/24	12/23/24	
Surrogate: Bromofluorobenzene		117 %	70-130		12/23/24	12/23/24	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130		12/23/24	12/23/24	
Surrogate: Toluene-d8		112 %	70-130		12/23/24	12/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: l	RKS		Batch: 2452026
Gasoline Range Organics (C6-C10)	ND	20.0		1	12/23/24	12/23/24	
Surrogate: Bromofluorobenzene		117 %	70-130		12/23/24	12/23/24	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130		12/23/24	12/23/24	
Surrogate: Toluene-d8		112 %	70-130		12/23/24	12/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: 1	NV		Batch: 2452018
Diesel Range Organics (C10-C28)	ND	25.0		1	12/23/24	12/24/24	
Oil Range Organics (C28-C36)	60.9	50.0		1	12/23/24	12/24/24	
Surrogate: n-Nonane		107 %	50-200		12/23/24	12/24/24	



Cottonwood Consulting	Project Name:	EPCMU #12 (H-19)	
PO Box 1653	Project Number:	20035-C-0001	Reported:
Durango CO, 81302	Project Manager:	Kyle Siesser	12/24/2024 10:11:42AM

### SS11 E412191-03

		Reporting					
Analyte	Result	Limit	Dilut	ion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RK	S		Batch: 2452026
Benzene	ND	0.0250	1		12/23/24	12/23/24	
Ethylbenzene	ND	0.0250	1		12/23/24	12/23/24	
Toluene	ND	0.0250	1		12/23/24	12/23/24	
o-Xylene	ND	0.0250	1		12/23/24	12/23/24	
p,m-Xylene	ND	0.0500	1		12/23/24	12/23/24	
Total Xylenes	ND	0.0250	1		12/23/24	12/23/24	
Surrogate: Bromofluorobenzene		115 %	70-130		12/23/24	12/23/24	
Surrogate: 1,2-Dichloroethane-d4		94.2 %	70-130		12/23/24	12/23/24	
Surrogate: Toluene-d8		112 %	70-130		12/23/24	12/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: RK	S		Batch: 2452026
Gasoline Range Organics (C6-C10)	ND	20.0	1		12/23/24	12/23/24	
Surrogate: Bromofluorobenzene		115 %	70-130		12/23/24	12/23/24	
Surrogate: 1,2-Dichloroethane-d4		94.2 %	70-130		12/23/24	12/23/24	
Surrogate: Toluene-d8		112 %	70-130		12/23/24	12/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV			Batch: 2452018
Diesel Range Organics (C10-C28)	ND	25.0	1		12/23/24	12/24/24	
Oil Range Organics (C28-C36)	64.4	50.0	1		12/23/24	12/24/24	
Surrogate: n-Nonane		107 %	50-200		12/23/24	12/24/24	



Cottonwood ConsultingProject Name:EPCMU #12 (H-19)Reported:PO Box 1653Project Number:20035-C-0001Durango CO, 81302Project Manager:Kyle Siesser12/24/2024 10:11:42AM

Durango CO, 81302		Project Manage	r: Ky	yle Siesser				12/	24/2024 10:11:42A				
Volatile Organic Compounds by EPA 8260B Analyst:													
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit					
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes				
Blank (2452026-BLK1)						]	Prepared: 12	2/23/24 Ana	lyzed: 12/23/24				
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	0.605		0.500		121	70-130							
Surrogate: 1,2-Dichloroethane-d4	0.459		0.500		91.7	70-130							
Surrogate: Toluene-d8	0.567		0.500		113	70-130							
LCS (2452026-BS1)						]	Prepared: 12	2/23/24 Ana	lyzed: 12/23/24				
Benzene	2.66	0.0250	2.50		106	70-130							
Ethylbenzene	2.78	0.0250	2.50		111	70-130							
Toluene	2.74	0.0250	2.50		109	70-130							
o-Xylene	2.91	0.0250	2.50		116	70-130							
p,m-Xylene	5.79	0.0500	5.00		116	70-130							
Total Xylenes	8.69	0.0250	7.50		116	70-130							
Surrogate: Bromofluorobenzene	0.606		0.500		121	70-130							
Surrogate: 1,2-Dichloroethane-d4	0.464		0.500		92.8	70-130							
Surrogate: Toluene-d8	0.551		0.500		110	70-130							
LCS Dup (2452026-BSD1)						]	Prepared: 12	2/23/24 Ana	lyzed: 12/23/24				
Benzene	2.47	0.0250	2.50		98.7	70-130	7.38	23					
Ethylbenzene	2.62	0.0250	2.50		105	70-130	6.22	27					
Toluene	2.56	0.0250	2.50		103	70-130	6.53	24					
o-Xylene	2.75	0.0250	2.50		110	70-130	5.70	27					
p,m-Xylene	5.47	0.0500	5.00		109	70-130	5.61	27					
Total Xylenes	8.22	0.0250	7.50		110	70-130	5.64	27					
Surrogate: Bromofluorobenzene	0.599		0.500		120	70-130							
Surrogate: 1,2-Dichloroethane-d4	0.480		0.500		95.9	70-130							
=													

0.500

70-130

0.557



Surrogate: Toluene-d8

Cottonwood ConsultingProject Name:EPCMU #12 (H-19)Reported:PO Box 1653Project Number:20035-C-0001Durango CO, 81302Project Manager:Kyle Siesser12/24/2024 10:11:42AM

	Non	Nonhalogenated Organics by EPA 8015D - GRO												
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit						
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes					
Plank (2452026 RI K1)						Т	Proporad: 1	2/22/24 And	wzed: 12/23/24					

Blank (2452026-BLK1)						Prepared: 12	2/23/24 Anal	yzed: 12/23/24
Gasoline Range Organics (C6-C10)	ND	20.0						
Surrogate: Bromofluorobenzene	0.605		0.500	121	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.459		0.500	91.7	70-130			
Surrogate: Toluene-d8	0.567		0.500	113	70-130			
LCS (2452026-BS2)						Prepared: 12	2/23/24 Anal	yzed: 12/23/24
Gasoline Range Organics (C6-C10)	60.4	20.0	50.0	121	70-130			
Surrogate: Bromofluorobenzene	0.609		0.500	122	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.492		0.500	98.3	70-130			
Surrogate: Toluene-d8	0.559		0.500	112	70-130			
LCS Dup (2452026-BSD2)						Prepared: 12	2/23/24 Anal	yzed: 12/23/24
Gasoline Range Organics (C6-C10)	59.8	20.0	50.0	120	70-130	1.07	20	
Surrogate: Bromofluorobenzene	0.606		0.500	121	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.479		0.500	95.7	70-130			
Surrogate: Toluene-d8	0.572		0.500	114	70-130			

Cottonwood Consulting	Project Name:	EPCMU #12 (H-19)	Reported:
PO Box 1653	Project Number:	20035-C-0001	_
Durango CO, 81302	Project Manager:	Kyle Siesser	12/24/2024 10:11:42AM

Durango CO, 81302		Project Manage	r: Ky	le Siesser				1	2/24/2024 10:11:42A				
Nonhalogenated Organics by EPA 8015D - DRO/ORO  Analyst: NV													
nalyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit					
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes				
lank (2452018-BLK1)							Prepared: 1	2/23/24 Ar	nalyzed: 12/23/24				
iesel Range Organics (C10-C28)	ND	25.0											
il Range Organics (C28-C36)	ND	50.0											
urrogate: n-Nonane	53.4		50.0		107	50-200							
CS (2452018-BS1)							Prepared: 1	2/23/24 Ar	nalyzed: 12/23/24				
iesel Range Organics (C10-C28)	267	25.0	250		107	38-132							
urrogate: n-Nonane	53.7		50.0		107	50-200							
Iatrix Spike (2452018-MS1)				Source:	E412181-	05	Prepared: 1	2/23/24 Ar	nalyzed: 12/23/24				
iesel Range Organics (C10-C28)	270	25.0	250	ND	108	38-132							
urrogate: n-Nonane	55.2		50.0		110	50-200							
1atrix Spike Dup (2452018-MSD1)				Source:	E412181-	05	Prepared: 1	2/23/24 Ar	nalyzed: 12/23/24				
iesel Range Organics (C10-C28)	271	25.0	250	ND	108	38-132	0.372	20					
ırrogate: n-Nonane	52.4		50.0		105	50-200							

#### 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:	EPCMU #12 (H-19)	
PO Box 1653	Project Number:	20035-C-0001	Reported:
Durango CO, 81302	Project Manager:	Kyle Siesser	12/24/24 10:11

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.



### **Chain of Custody**

		1
Page	of	

	Clie	ent Inforn	nation	20	Invoice Information					Li	b U	e On	ly	ly				AT		State	
Project N		14 #1	11/29 2 (H-18 51-e 55-e5		Company: .ddress: City, State, Zip:		La E	2	WO#	191		<b>700</b> Job			001	1D ×	2D	3D Sto	NM ×	CO UT	TX
Address	po B	0x 1	553	The second of	Phone:			1				Ana	lvsis	and	Met	thod			l E	PA Progra	am
City, Star Phone:	te, Zip: Du 970 7	64 7	, 60 81	302 E	mail: iscellaneous:				8015	15			,,,,,						SDWA	CWA	RCRA
1000				6 116					þ	by 80	121	09	0.00	Σ	¥	stals	on Pkg		PWSID #		
Time	1	1000 0000	No. of	Sample Informa		0 5	Lab	-	ORO	GRO/DRO by	BTEX by 8021	by 82	Chloride 300.0	)C - N	TCEQ 1005 - TX	RCRA 8 Metals				Remarks	П
Sampled	Date Sampled	Matrix	Containers		Sample ID	Field	Numbe	er	DRO/ORO	GRO/	BTEX	VOC by 8260	Chlor	BGDOC - NM	TCEQ	RCRA	Cation/An			Kemarks	
1035	12-23-24	Soil	2	5504			1		X	×	×										
1040		Soil	2	5510			2		X	×	Y										
1100	1	Soi)	2	5510 5511			3		×	X	X										
	54																				
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Addition	al Instructio	ns:	C4 5 1 1	-	2 / 0 2 /	1		,	17		_										
I, (field sam	pler), attest to the	e validity and	authenticity of thi	s sample. I am aware tha	For tune O Cotton w t tampering with or intentionally mislabeling	the samp	le location,	, da	te or t	ime of	collec	n tion is a	conside	ered fr	aud ar	nd may	be gro	ounds for leg	al action.		
	ed by: (Signatur		Date 12 3 a	1-24 Time	Received by: (Signature)	Date	1/23/2		Time	.1.	_								ust be received g temp above 0		
Relinquish	ed by: (Signatur	re)	72 - 23 Date	Time	Received by: (Signature)	Date	-165/	4	Time	4:6	)			eubeac	wont d	3146		Lab U		out less than t	
Relinquish	ed by: (Signatur	re)	Date	Time	Received by: (Signature)	Date		+	Time												
Relinquish	ed by: (Signatu	re)	Date	Time	Received by: (Signature)	Date			Time					T1	Ter	o°C		T2 //		<u>T3</u>	
			lge, <b>A</b> - Aqueous, C				tainer Ty							ag -	amb	er gla	ss, v				
					arrangements are made. Hazardous sar . The liability of the laboratory is limited								of at t	the cli	ent ex	kpense	e. The	report for	the analysis	of the above	e samples



envirotech

#### **Envirotech Analytical Laboratory**

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:	12/23/24 14:	:15		Work Order ID:	E412191
Phone:	970-764-7356	Date Logged In:	12/23/24 14:	:18		Logged In By:	Noe Soto
Email:	ksiesser@cottonwoodconsulting.com	Due Date:	12/24/24 17:	:00 (1 day TAT)			
Chain of	Custody (COC)						
1. Does th	ne sample ID match the COC?		Yes				
2. Does th	ne number of samples per sampling site location mat	tch the COC	Yes				
3. Were sa	amples dropped off by client or carrier?		Yes	Carrier: J	Joseph LaFortune		
4. Was the	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes				
5. Were al	Il samples received within holding time?  Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssi		Yes			Comment	s/Resolution
Sample T	urn Around Time (TAT)						
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes				
Sample C	<u>Cooler</u>						
7. Was a s	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was the	e 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				
	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes				
Sample C		. r	_				
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers'	7	Yes				
	appropriate volume/weight or number of sample contain		Yes				
Field Lab	· · ·	iers conceica.	105				
	field sample labels filled out with the minimum info	ormation.					
	ample ID?		Yes				
	ate/Time Collected?		Yes				
C	ollectors name?		Yes				
Sample P	<u>reservation</u>						
21. Does	the COC or field labels indicate the samples were pr	reserved?	No				
	imple(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved n	netals?	No				
Multipha	se Sample Matrix						
26. Does	the sample have more than one phase, i.e., multipha	se?	No				
27. If yes,	does the COC specify which phase(s) is to be analy	yzed?	NA				
Subcontr	act Laboratory						
-	imples required to get sent to a subcontract laborato	ry?	No				
29. Was a	subcontract laboratory specified by the client and it	f so who?	NA S	ubcontract Lab	b: NA		
Client In	astruction_						
<u> </u>	<u> </u>						

Date

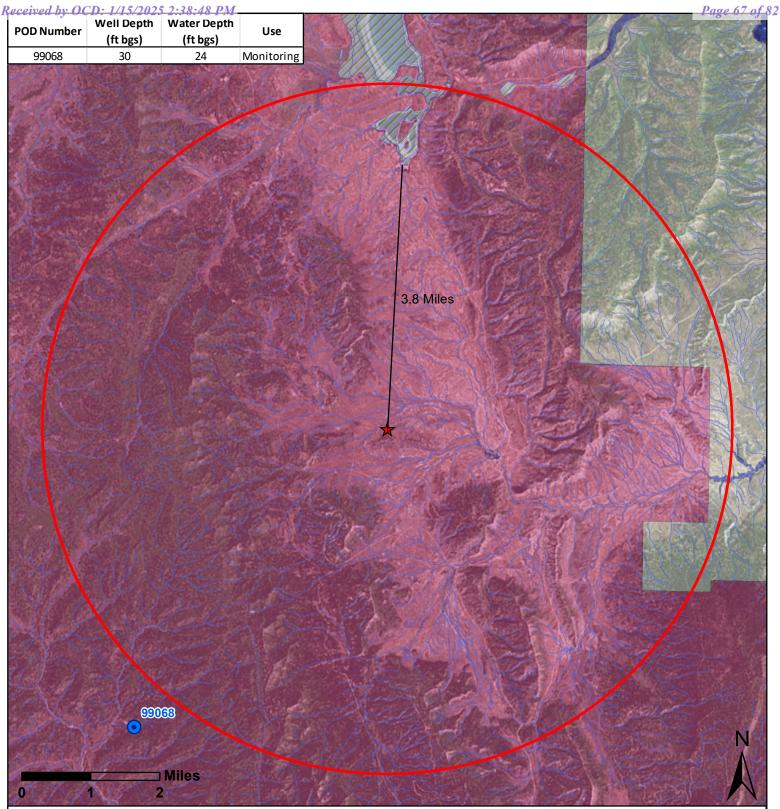
Received by OCD: 1/15/2025 2:38:48 PM

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age		of	1	

Client Information					Invoice Information					La	b Us	e On	ly	TAT						State	
Client:	Catter wool	Consc	11704			Company:		L	ab \	WO#			Job N	lum	ber		1D	2D	3D	Std	NM CO UT TX
Project N	Name: EPCM	14 #17	2 (17-	18-) 19	_   A	Address:		_	EL	1/2	191		200	35-	(-00	101	X				X
Project N	Manager: F	yle.	Si-e 55	er	_     9	City, State, Zip:						1/20	BIE							915	
Address:	po B	ox 1	253		_   E	Phone:			-				Ana	lysis	and I	Meth	hod				EPA Program
City, Stat	te, Zip: 0 7	rango	, 60	81302	_   E	mail:								ni i			(In the				SDWA CWA RCRA
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										y 80	y 80	12	0	0.0	5	×	sals	Pkg			PWSID#
				Sam	ple Informat	tion				RO E	RO b	y 80.	, 826	le 30	Z	- 500	Me	Anion			
Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID	Field	Lab Numb	oer	DRO/ORO	GRO/DRO by	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	Cation/			Remarks
1035	12-23-24	Soil	2		5504			1		X	×	×									Corrected
1040		Soil	2	DESCRIPTION OF THE PERSON OF T	5510			2		×	X	Y									Project
1100	1	Soil	2	5	5511			3		×	×	k									name por
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	Please	chall	resu	1/5 T	-o ilal	Fortune Ocottonus	ol C	001	1/	ti.	7 9.	(0.	n								
I, (field sam Sampled by	oler), attest to the	validity and	authenticity	of this sample	. I am aware tha	it tampering with or intentionally mislabeling th	e samp	le locatio	n, dat	te or t	ime of	collect	ion is c	onside	red fra	ud and	d may	be gro	unds fo	rlega	action.
Relinguish	ed by: (Signatur	e)	Date 12	23-24	1415	Received by: (Signature) Ohm	Date /12	1/22/	24	Time /	4:1	5									st be received on ice the day they are temp above 0 but less than 6 °C on
Relinquish	ed by: (Signatur	e)	Date		Time	Received by: (Signature)	Date			Time					Rece	ived	on ic	re:	( y		e Only
Relinquish	ed by: (Signatur	e)	Date		Time	Received by: (Signature)	Date			Time					T1				T2		Т3
Relinquish	ed by: (Signatur	e)	Date		Time	Received by: (Signature)	Date			Time				TAY S	AVG	Tem	n°C	- 4	1		
Sample Mat	rix: S - Soil, Sd - So	lid, Sg - Slud	ge, A - Aque	ous, O - Other			Cont	ainer T	ype	: g - 6	lass.	<b>p</b> - pc	oly/pl					ss, v	VOA		
					d unless other	arrangements are made. Hazardous samp				_					_					for t	he analysis of the above samples
is applicab	e only to those	samples re	ceived by t	ne laborator	with this COC	. The liability of the laboratory is limited t	o the a	mount	paid	for o	the i	report						4.4		The same	



@ envirotech



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



Water Well



5 Mile Buffer



Wetland



A; 100-year Floodplain

D; Undetermined

X; Area of Minimal Flood Hazard



Mapping by: K. O'Brien, 1/8/2025 Coordinate System: NAD 1983 UTM Zone 13 N

Location: Sec 19 T27N R1WE NMPM

**EPCMU #012 Hydrology Map Benson-Montin-Greer Drilling Corp** 

From: Zach Stradling
To: Kyle Siesser

Subject: Fwd: Final Closure Plan - EPCMU 12 (H-19) API #30-039-06863

**Date:** Tuesday, January 14, 2025 10:44:09 AM

Good morning Kyle,

We have received confirmation from JAN-EPO that the incident of non-compliance at EPCMU 12 (H-19) has been resolved. Thank you,

Zach

## Fach Stradling

Benson-Montin-Greer Drilling Corp. 4900 College Blvd. Farmington, NM 87402 (505) 325-8874

----- Forwarded message -----

From: Yahoo Warning < kcmanwell@yahoo.com>

Date: Tue, Jan 14, 2025 at 10:36 AM

Subject: Re: Final Closure Plan - EPCMU 12 (H-19) API #30-039-06863

To: Zach Stradling < zstradling@bmgdrilling.com >

Good Day Zach,

After review of final report for non-compliance issue at EPCMU 12 (H-19), JANEPO is pleased with the cooperation from BMG to resolve the incident of non-compliance. Any contaminants remaining will be addressed at P&A. any questions or comments please contact Myself at 505-330-8031 or via email.

Thank You, K.C. Manwell

On Thursday, January 9, 2025 at 09:06:04 AM MST, Zach Stradling <a href="mailto:stradling@bmgdrilling.com">zstradling@bmgdrilling.com</a> wrote:

Good morning Keith,

I just wanted to provide you with our final closure plan for the remediation that took place at the EPCMU 12 (H-19) and thank you for your help in the process. Please let me know if you have any questions.

Thanks again,

Zach

### Fach Stradling

Benson-Montin-Greer Drilling Corp. 4900 College Blvd.

Farmington, NM 87402 **(505) 325-8874** 

Initial notifications from JAN to BMG that we had a leak on the EPCMU 12 (H-19) well pad:

- Jason Sandoval (Jicarilla Oil & Gas) emailed me on Sunday at 9:39 am on 11/24/24 (that email is included in this forward).
- Afred Vigil (Jicarilla Oil & Gas) called me on my cell on Sunday at 9:44 am on 11/24/24. I spoke to him and let him know I would get someone out there to isolate the source right away
- Keith Manwell (JAN-EPO) tried to call the office on Sunday, 11/24/24 morning and left a voicemail.

After I received the notification from Alfred, I contacted Chip immediately and he went to the location to determine the source of the leak (the frozen, broken ball valve), removed the ball valve and capped that opening to prevent any further leaking. Our guys then began hand digging to determine the extent of the leak on Monday, 11/25/24.

### Fach Stradling

Benson-Montin-Greer Drilling Corp. 4900 College Blvd. Farmington, NM 87402 (505) 325-8874

----- Forwarded message ------

From: Jason Sandoval < jasonsandoval@jicarillaoga.com >

Date: Sun, Nov 24, 2024 at 9:39 AM

Subject: Oil leak,

To: Zach Stradling < <a href="mailto:zstradling@bmgdrilling.com">zstradling@bmgdrilling.com</a>>

#### Zach,

There is an oil leak on the BMG lease EPCMU #12 (H-19). Please address this ASAP today.

Jason Sandoval Compliance & Enforcement Supervisor Jicarillla Oil & Gas Administration Work: 575 759 3485

Cell: 575 419 0347

jasonsandoval@jicarillaoga.com

On Mon, Oct 21, 2024, 09:03 Zach Stradling <<u>zstradling@bmgdrilling.com</u>> wrote:

Good morning,

Please see attached request for permission to perform work. Thank you,

Zach

## Fach Stradling

Benson-Montin-Greer Drilling Corp.

4900 College Blvd.

Farmington, NM 87402

(505) 325-8874





Text Message • SMS Mon, Nov 25 at 10:02 AM

BMG Drilling contacts
Zach Stradling (505)
330-9486
Chip Suskey (505)
608-1773. We will be at the location hand digging to remove soil and tentatively plan to sample tomorrow
11/26/24 around 10:30am.

I put in a one call. Our company is the only utility in that area. Just wanted to update you.

Text Message • RCS Thu, Dec 12 at 8:00 AM

Office address is 4900 College Blvd.

Thu, Dec 12 at 9:46 AM



Text Message • RCS



From: Zach Stradling <zstradling@bmgdrilling.com>
Sent: Wednesday, December 18, 2024 11:12 AM
To: Keith Manwell <kcmanwell@yahoo.com>

**Cc:** Kyle Siesser < ksiesser@cottonwoodconsulting.com>

Subject: EPCMU 12 (H-19) Remediation

#### Good morning Keith,

We have excavated starting at the wellhead down approximately (6) six feet where Cottonwood had determined the soil is clean enough to collect samples, as per the approved work plan, to send to Envirotech for analysis. We will request a rush on the analyses as the excavation will remain open until results that meet closure criteria can be confirmed. I will keep you updated along the way.

As for the backfill site, the one call was put in yesterday and Llaves Pipeline (BMG Drilling Corp.) was the only company listed. We have already marked our pipeline and the backfill site is well away from the line. Would you be able to grant us permission to begin moving dirt at that site to prepare it for the transfer to the EPCMU 12 (H-19) once it is determined to be ready for backfill?

I will follow this email up with a phone call to you as well.

Please let me know if you have any questions,

Thank you,

## Fach Stradling

Benson-Montin-Greer Drilling Corp. 4900 College Blvd. Farmington, NM 87402 (505) 325-8874

Phone: (505) 629-6116
Online Phone Directory
<a href="https://www.emnrd.nm.gov/ocd/contact-us">https://www.emnrd.nm.gov/ocd/contact-us</a>

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

QUESTIONS

Action 421201

#### **QUESTIONS**

Operator:	OGRID:
BENSON-MONTIN-GREER DRILLING CORP	2096
4900 College Blvd.	Action Number:
Farmington, NM 87402	421201
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

#### QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2500841902
Incident Name	NAPP2500841902 EPCMU #12 @ 30-039-06863
Incident Type	Release Other
Incident Status	Reclamation Report Received
Incident Well	[30-039-06863] EAST PUERTO CHIQUITO MANCOS UNIT #012

Location of Release Source	
Please answer all the questions in this group.	
Site Name	EPCMU #12
Date Release Discovered	11/24/2024
Surface Owner	Jicarilla

Incident Details	
Please answer all the questions in this group.	
Incident Type	Release Other
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   Well   Crude Oil   Released: 0 BBL (Unknown Released Amount)   Recovered: 0 BBL   Lost: 0 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)	Initial release was discovered by a Jicarilla Apache Nation Environmental Protection Specialist. Unknown amount was released from a cracked ball valve on the wellhead, well was shut in and ball valve was replaced. During the site assessment an undocumented historical release was discovered in the area surrounding the wellhead.	

Phone: (505) 629-6116
Online Phone Directory
<a href="https://www.emnrd.nm.gov/ocd/contact-us">https://www.emnrd.nm.gov/ocd/contact-us</a>

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

QUESTIONS, Page 2

Action 421201

**QUESTIONS** (continued)

Operator:	OGRID: 2096
BENSON-MONTIN-GREER DRILLING CORP 4900 College Blvd.	Action Number:
Farmington, NM 87402	421201
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)
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.
F	
Initial Response	
The responsible party must undertake the following actions immediately unless they could create a s	
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.
	iation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative o ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for releate OCD does not relieve the operator of liability should their operations have failed to	knowledge and understand that pursuant to OCD rules and regulations all operators are required ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface it does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: AJ LaFortune Email: jlafortune@cottonwoodconsulting.com Date: 01/15/2025

Phone: (505) 629-6116

Online Phone Directory
<a href="https://www.emnrd.nm.gov/ocd/contact-us">https://www.emnrd.nm.gov/ocd/contact-us</a>

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

QUESTIONS, Page 3

Action 421201

**QUESTIONS** (continued)

ı	Operator:	OGRID:
ı	BENSON-MONTIN-GREER DRILLING CORP	2096
ı	4900 College Blvd.	Action Number:
ı	Farmington, NM 87402	421201
ı		Action Type:
ı		[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

#### QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approva release discovery date.	l and beyond). This information must be provided to the appropriate district office no later than 90 days after the
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	OCD Imaging Records Lookup
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release ar	nd the following surface areas:
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
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	Between 1 and 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 as	ssociated 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 millig	grams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	0	
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	15839	
GRO+DRO (EPA SW-846 Method 8015M)	9929	
BTEX (EPA SW-846 Method 8021B or 8260B)	8.8	
Benzene (EPA SW-846 Method 8021B or 8260B)	0.1	
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	12/22/2024	
On what date will (or did) the final sampling or liner inspection occur	12/23/2024	
On what date will (or was) the remediation complete(d)	01/06/2025	
What is the estimated surface area (in square feet) that will be reclaimed	0	
What is the estimated volume (in cubic yards) that will be reclaimed	0	
What is the estimated surface area (in square feet) that will be remediated	2781	
What is the estimated volume (in cubic yards) that will be remediated	103	
These estimated dates and measurements are recognized to be the best guess or calculation at the ti	ime 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.

Released to Imaging: 4/8/2025 3:08:53 PM

421201

General Information Phone: (505) 629-6116

Online Phone Directory <a href="https://www.emnrd.nm.gov/ocd/contact-us">https://www.emnrd.nm.gov/ocd/contact-us</a>

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

QUESTIONS, Page 4

Action 421201

**QUESTIONS** (continued)

Operator:	OGRID:
BENSON-MONTIN-GREER DRILLING CORP	2096
4900 College Blvd.	Action Number:
Farmington, NM 87402	421201
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

#### 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.)	Yes
(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.
D 0 1 " D (40 45 00 44 NAAO 1 " " 1 1 1 1 " " 1 1 1 1 1 1 1 1 1 1	T

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: 01/15/2025
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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.

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, Page 5

Action 421201

**QUESTIONS** (continued)

Operator:	OGRID:
BENSON-MONTIN-GREER DRILLING CORP	2096
4900 College Blvd.	Action Number:
Farmington, NM 87402	421201
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

#### 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	

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

QUESTIONS, Page 6

Action 421201

**QUESTIONS** (continued)

Operator:	OGRID:
BENSON-MONTIN-GREER DRILLING CORP	2096
4900 College Blvd.	Action Number:
Farmington, NM 87402	421201
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

#### QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	420515
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/26/2024
What was the (estimated) number of samples that were to be gathered	9
What was the sampling surface area in square feet	2781

Remediation Closure Request		
Only answer the questions in this group if seeking remediation closure for this release because all re	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	2781	
What was the total volume (cubic yards) remediated	101	
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	0	
What was the total volume (in cubic yards) reclaimed	0	
Summarize any additional remediation activities not included by answers (above)	All remediation activities are included in the attached final closure plan submitted to the Jicarilla Apache Nation Environmental Protection Office. Final closure was approved by the JAN-EPO on 1/14/2025. Reclamation of the site will be conducted during final closure as discussed in the approved final closure plan attached to this form.	

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: 01/15/2025
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## State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 7

Action 421201

QUESTIONS (continued)

Operator: BENSON-MONTIN-GREER DRILLING CORP	00	GRID: 2096
4900 College Blvd.	Δ0	ztion Number:
Farmington, NM 87402	Ac	421201
	Ac	ction Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)
QUESTIONS		
Reclamation Report		
Only answer the questions in this group if all reclamation steps have been completed.		
Requesting a reclamation approval with this submission	Yes	
What was the total reclamation surface area (in square feet) for this site	0	
What was the total volume of replacement material (in cubic yards) for this site	101	
Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum or mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil of to establish vegetation at the site, whichever is greater.		
Is the soil top layer complete and is it suitable material to establish vegetation	Yes	
On what (estimated) date will (or was) the reseeding commence(d)	01/01/2035	
Summarize any additional reclamation activities not included by answers (above)	attached final c	fill be conducted during final decommissioning of the site as discussed in the closure plan. The Jicarilla Apache Nation Environmental Protection Office has ttached final closure plan.
The responsible party must attach information demonstrating they have complied with all applicable of attachments (in .pdf format) including a scaled site map, any proposed reseeding plans or relevan NMAC.		
I hereby certify that the information given above is true and complete to the best of my to report and/or file certain release notifications and perform corrective actions for releat the OCD does not relieve the operator of liability should their operations have failed to water, human health or the environment. In addition, OCD acceptance of a C-141 report local laws and/or regulations. The responsible party acknowledges they must substant prior to the release or their final land use in accordance with 19.15.29.13 NMAC including	ses which may er adequately investi t does not relieve ially restore, recla	ndanger public health or the environment. The acceptance of a C-141 report by igate and remediate contamination that pose a threat to groundwater, surface the operator of responsibility for compliance with any other federal, state, or im, and re-vegetate the impacted surface area to the conditions that existed

I hereby agree and sign off to the above statement

Email: jlafortune@cottonwoodconsulting.com

Date: 01/15/2025

General Information Phone: (505) 629-6116

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

QUESTIONS, Page 8

Action 421201

**QUESTIONS** (continued)

Operator:	OGRID:
BENSON-MONTIN-GREER DRILLING CORP	2096
4900 College Blvd.	Action Number:
Farmington, NM 87402	421201
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

#### QUESTIONS

Revegetation Report		
Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.		
Requesting a restoration complete approval with this submission	No	
Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete.		

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

CONDITIONS

Action 421201

#### **CONDITIONS**

Operator:	OGRID:
BENSON-MONTIN-GREER DRILLING CORP	2096
4900 College Blvd.	Action Number:
Farmington, NM 87402	421201
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

#### CONDITIONS

Created By	Condition	Condition Date
nvelez	Incident occurred on the Jicarilla Apache Reservation. OCD accepts this Jicarilla approved closure and reclamation report for the record. Per 19.15.7.9D NMAC, which states, "All such forms filed exclusively for lands or minerals owned by a Native American nation, tribe, pueblo or individual allottee shall be filed with the division using the online application process on the division's website as soon as is practicable after federal approval or processing to completion. Such forms involving exclusively lands or minerals that a Native American nation, tribe, pueblo or individually allottee owns are not subject to division review or approval unless such review or approval is authorized by a written agreement between the Native American nation, tribe, pueblo and the division".	4/8/2025