

Remedia**ti**on Report and Closure Request Davidson 1A Section: 22 Township: 28N Range: 10W Lat: 36.647000 Long: -107.889979 San Juan County, New Mexico

### 7/23/2024

Harvest discovered a leak on the Davidson 1A pipeline at 8:30am. The pipeline was shut in and blown down at 8:45am terminating the release. The release was discovered to be in a dry wash/runoff area classifying this release as a major release. An NOR was submitted to the NMOCD at approximately 10:00am. An email notification was sent to Nolan Craun and Emmanuel Adeloye with the BLM at approximately 11:22am.

### 7/29/2024

A crew was onsite to excavate and repair line leak. A hole was found at the 8 o'clock position of the pipe that had been formed due to external corrosion. Approximately 25 ft of piping was cut out and replaced with new. Size of the excavation measured to be 35 feet in length, 5 feet wide and 4 feet in depth. Gas loss was calculated to be 0.78 Mcf.

### 7/30/2024

Closure samples were scheduled for August 1<sup>st</sup>, 2024, beginning at 11:00 AM. Email notification was sent to Nolan Craun and Emmanuel Adeloye with the BLM at approximately 7:35 AM. Sampling was scheduled with the NMOCD at approximately 7:17 AM on the OCD portal. See attached *"Email Notification"* for reference.

### 8/1/2024

Harvest environmental was onsite to collect soil samples. A total of three five-point composite samples were collected from the excavation and sent in for analysis of BTEX, GRO, DRO, MRO, and Chlorides. The "Bottom" sample was collected from the bottom of the excavation measuring 35 feet long by 5 feet width equaling 175 square feet. "SW 1" was collected from an area of 40 feet in length by 4 feet wide equaling 160 square feet. "SW 2" was collected from an area of 40 feet in length by 4 feet wide equaling 160 square feet. See attached "Sample Map" and "Photo Page" for reference.



## 8/7/2024

Lab analysis was received and confirmed that all 3 samples collected were below the most stringent standards in table 1 (Chloride <600 mg/kg, TPH <100 mg/kg, BTEX <50 mg/kg, Benzene <10 mg/kg. Closure standards for this site was determined by the release being in the top four feet of ground soil and with the release being in a dry wash / runoff. Ground water was determined to be 508 ft below surface by finding a water well ½ mile away drilled in 2014. The depth to water for this well is approximately 470ft deep at the elevation of 6,016ft. Elevation at the release point is 6,054ft. The water well was found in the iWaters data base and is registered as SJ 04072 Pod 1. See attached *"iWaters data Log"*, *"Distance to Groundwater Map" "Distance to wetland Map"* for reference.

## 8/12/2024

Excavation was backfilled and no further action is required at this time. See attached *"Photo Page"* for reference.





























# Received by OCD: 10/1/2024 1:49:33 PM

TTOTII.	
Sent:	Tuesday, July 30, 2024 7:35 AM
To:	Craun, James N; Adeloye, Abiodun A
Cc:	Monica Smith
Subject:	RE: [EXTERNAL] UE Form - Davidson 1A

Nolan/Emmanuel,

Repairs and clean up has been completed for the Davidson 1A. Gas loss was calculated to be 0.78 Mcf.

Sampling activities will take place Thursday August 1st 2024 beginning at 11:00am.

Lat: 36.647 Long: -107.889979 Sec: 22 , Twn 28N, Rge 10W

Thanks.

From: Craun, James N <<u>jcraun@blm.gov</u>> Sent: Wednesday, July 24, 2024 8:42 AM To: Chad Snell - (c) <<u>Chad.Snell@harvestmidstream.com</u>>; Adeloye, Abiodun A <<u>aadeloye@blm.gov</u>> Cc: Monica Smith <<u>msmith@harvestmidstream.com</u>> Subject: Re: [EXTERNAL] UE Form -Davidson 1A

CAUTION: External sender. DO NOT open links or attachments from UNKNOWN senders.

Thank you Chad.

Best,

Nolan

J. Nolan Craun Supervisory Realty Specialist Farmington Field Office Office: (505) 564-7775 Cell: (505) 444-1704 Email: jcraun@blm.gov

From: Chad Snell - (C) <<u>Chad.Snell@harvestmidstream.com</u>> Sent: Tuesday, July 23, 2024 11:21 To: Adeloye, Abiodun A <<u>aadeloye@blm.gov</u>>; Craun, James N <<u>jcraun@blm.gov</u>> Cc: Monica Smith <<u>msmith@harvestmidstream.com</u>> Subject: [EXTERNAL] UE Form -Davidson 1A

This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.

Nolan/Emmanuel,

Attached is the UE form for the Davidson 1A natural gas release that was discovered today 7/23/2024. Location of the leak was in a wash/runoff area. No liquids were present at the time of discovery and gas loss volume is still TBD. Please let us know if you have any questions.

Thank you.

Chad Snell Environmental Specialist Harvest Four Comers, LLC chad.snell@harvestmidstream.com (505) 320.8621 (cell) HARVEST HARVEST

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		ري ا		ft	175	160	60		
	Square	Footage		200 sq ft	1	1	1		
		nzene Xylenes BTEX Chlorides Footage	900	РРМ	<60	<60	<60		
	Total	BTEX	50	РРМ		<50			
		Xylenes	ΥN	Mdd	<0.048 <0.095 <50	<0.095	<0.049 <0.097 <50		
	Ethlybe	nzene	NA	РРМ		<0.047 <0.095 <50	<0.049		
		Toluene	NA	Mdd	<0.048	<0.047	<0.049		
		Benzene	10	РРМ	<0.024	<0.024	<100 <49 <100 <0.024 <0.049		
	Total	TPH	100	Mdd	<100	<100	<100		
		ORO .	NA	Mdd	<48	<46	<49		
	DRO +	DRO GRO ORO	100	Mdd	<100	<100	<100		
		DRO	NA	Mqq	<9.6	<9.2	<9.9		
		GRO	NA	РРМ	<4.8	<4.7	<4.9		
able		Time		NA	11:15 AM <4.8 <9.6 <100 <48 <100 <0.024 <0.048	11:25 AM <4.7 <9.2 <100 <46 <100 <0.024 <0.047	11:35 AM <4.9		
Davidson TA Sample Results Table		Jate		NA	8/1/2024	8/1/2024	8/1/2024		
IA Sam		Sample Name Description Date			Composite	Composite	Composite		
Davidsor		Sample Name		STANDARD	Bottom	LWS	SW2		

Davideon 1A Sample Reculte Table

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	dr	quarters are 1=NW 2=NE 3=SW 4=SE quarters are smallest to largest	E 3=SW 4=5 to largest	W			NAD83 UTM in meters	in meters	
Well Tag PO	POD Nbr Q	Q64 Q16	Q4	Sec	Tws	Rng	×	٢	Map
SJ	SJ 04072 POD1	NE	NE	21	28N	10W	241352.6	241352.6 4060382.1	0
* UTM location wa	* UTM location was derived from PLSS - see Help	- see Help							
Driller License:	: 717	Driller Company:		WESTERN WATER WELLS	WATER V	VELLS			
Driller Name:	HOOD, TERRY	×.							
Drill Start Date:	e: 2013-12-26	Drill Finish Date:		2014-01-05	5		Plug Date:		
Log File Date:	2014-01-08	PCW Rcv Date:					Source:	She	Shallow
Pump Type:		Pipe Discharge Size:	Size:				Estimated Yield:	i Yield: 1	
Casing Size:	5.00	Depth Well:		470			Depth Water:	ater: 470	
Water Bearin	Water Bearing Stratifications:	:su							
Top Bottom	Description								
5 20	Sandstone/Gr	Sandstone/Gravel/Conglomerate	a						
Casing Perforations:	orations:								
Top Bottom									
0 470									









4 5 6



**Environment Testing** 

# **ANALYTICAL REPORT**

# PREPARED FOR

Attn: Monica Smith Harvest 1755 Arroyo Dr. Bloomfield, New Mexico 87413 Generated 8/7/2024 11:17:09 AM

# JOB DESCRIPTION

Davidson 1A

# **JOB NUMBER**

885-9071-1

Eurofins Albuquerque 4901 Hawkins NE Albuquerque NM 87109

See page two for job notes and contact information.

Page 1 of 16



# **Eurofins Albuquerque**

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization

uhelle (parica

Authorized for release by Michelle Garcia, Project Manager michelle.garcia@et.eurofinsus.com (505)345-3975 Generated 8/7/2024 11:17:09 AM

Laboratory Job ID: 885-9071-1

# **Table of Contents**

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
QC Sample Results	9
QC Association Summary	11
Lab Chronicle	13
Certification Summary	14
Chain of Custody	15
Receipt Checklists	16

Job ID: 885-9071-1

# **Definitions/Glossary**

Client: Harvest
Project/Site: Davidson 1A

Qualifiers

#### \_\_\_\_\_

### GC VOA Qualifier

S1+	Surrogate recovery exceeds control limits, high biased.

**Qualifier Description** 

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
a a a a a a a a a a a a a a a a a a a	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liguid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

# **Case Narrative**

Client: Harvest Project: Davidson 1A Job ID: 885-9071-1

## Job ID: 885-9071-1

**Eurofins Albuquerque** 

Job Narrative 885-9071-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these
  situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise
  specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

### Receipt

The samples were received on 8/2/2024 6:22 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.2°C.

### **Gasoline Range Organics**

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

### GC VOA

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

### **Diesel Range Organics**

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

### HPLC/IC

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

**Eurofins Albuquerque** 

		Clien	t Sample Res	sults				
lient: Harvest			•				Job ID: 885	-9071-1
Project/Site: Davidson 1A								
Client Sample ID: Bottom						Lab San	nple ID: 885-	9071-1
Date Collected: 08/01/24 11:15							Matri	ix: Solid
Date Received: 08/02/24 06:22								
- Method: SW846 8015M/D - Gasol	ino Pongo Oro	anias (CRC						
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.8	mg/Kg		08/02/24 09:38	08/04/24 21:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		35 - 166			08/02/24 09:38	08/04/24 21:30	1
Method: SW846 8021B - Volatile	Organic Comp	ounds (GC)						
Analyte	•	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		08/02/24 09:38	08/06/24 03:29	1
Ethylbenzene	ND		0.048	mg/Kg		08/02/24 09:38	08/06/24 03:29	1
Toluene	ND		0.048	mg/Kg		08/02/24 09:38	08/06/24 03:29	1
Xylenes, Total	ND		0.095	mg/Kg		08/02/24 09:38	08/06/24 03:29	1
		Qualifier	Limits			Prepared	Analyzed	
Surrogate	%Recovery							Dil Fac
Surrogate 4-Bromofluorobenzene (Surr)	88		48 - 145			08/02/24 09:38	08/06/24 03:29	1
4-Bromofluorobenzene (Surr)	88		48 - 145			· · ·		<u></u>
4-Bromofluorobenzene (Surr) Method: SW846 8015M/D - Diesel	88 I Range Organ		48 - 145	Unit	D	· · ·		Dil Fac
4-Bromofluorobenzene (Surr) Method: SW846 8015M/D - Diesel Analyte	88 I Range Organ	ics (DRO) (0	48 - 145 GC)	Unit mg/Kg	<u>D</u>	08/02/24 09:38	08/06/24 03:29	1
4-Bromofluorobenzene (Surr) Method: SW846 8015M/D - Diesel	88 I Range Organ Result	ics (DRO) (0	48 - 145 GC) RL		D	08/02/24 09:38 Prepared	08/06/24 03:29 Analyzed	1 Dil Fac
4-Bromofluorobenzene (Surr) Method: SW846 8015M/D - Diesel Analyte Diesel Range Organics [C10-C28]	Range Organ Result	<mark>ics (DRO) ((</mark> Qualifier	<u>48 - 145</u> GC) <u>RL</u> 9.6	mg/Kg	<u>D</u>	08/02/24 09:38 Prepared 08/05/24 09:36	08/06/24 03:29 Analyzed 08/05/24 14:04	1 Dil Fac
4-Bromofluorobenzene (Surr) Method: SW846 8015M/D - Diesel Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40]	Range Organ Result ND ND	<mark>ics (DRO) ((</mark> Qualifier	48 - 145       GC)       RL       9.6       48	mg/Kg	D	08/02/24 09:38 Prepared 08/05/24 09:36 08/05/24 09:36	08/06/24 03:29 Analyzed 08/05/24 14:04 08/05/24 14:04	1 Dil Fac 1 1
4-Bromofluorobenzene (Surr) Method: SW846 8015M/D - Diesel Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40] Surrogate Di-n-octyl phthalate (Surr)	88 I Range Organ Result ND ND %Recovery 115	ics (DRO) (( Qualifier Qualifier	<u>48 - 145</u> <b>GC)</b> <u>RL</u> <u>9.6</u> <u>48</u> <u>Limits</u>	mg/Kg	D	08/02/24 09:38 Prepared 08/05/24 09:36 08/05/24 09:36 Prepared	08/06/24 03:29 Analyzed 08/05/24 14:04 08/05/24 14:04 Analyzed	1 Dil Fac 1 1 Dil Fac
4-Bromofluorobenzene (Surr) Method: SW846 8015M/D - Diesel Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40] Surrogate	I Range Organ Result ND ND - <u>%Recovery</u> 115 Chromatograp	ics (DRO) (( Qualifier Qualifier	<u>48 - 145</u> <b>GC)</b> <u>RL</u> <u>9.6</u> <u>48</u> <u>Limits</u>	mg/Kg	D	08/02/24 09:38 Prepared 08/05/24 09:36 08/05/24 09:36 Prepared	08/06/24 03:29 Analyzed 08/05/24 14:04 08/05/24 14:04 Analyzed	1 Dil Fac 1 1 Dil Fac

ND		RL	Unit		Lab San	Job ID: 885 nple ID: 885- Matri	
Result ND	· · · · · ·	RL	linit		Lab San		
Result ND	· · · · · ·	RL	Unit		Lab San		
Result ND	· · · · · ·	RL	Unit				
Result ND	· · · · · ·	RL	Unit				
Result ND	· · · · · ·	RL	Unit				
Result ND	· · · · · ·	RL	Unit				
ND				D	Prepared	Analvzed	Dil Fac
		4.7	mg/Kg		08/02/24 09:38	08/04/24 21:53	1
%Recovery		•••				22.0 1121 21100	
	Qualifier	Limits			Prepared	Analyzed	Dil Fac
95		35 - 166			08/02/24 09:38	08/04/24 21:53	1
				_			
	Qualifier			D	<u> </u>		Dil Fac
			0 0				1
							1
							1
ND		0.095	mg/Kg		08/02/24 09:38	08/06/24 03:53	1
%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
88		48 - 145			08/02/24 09:38	08/06/24 03:53	1
_							
			11-34		Durante	A	D11 E
	Quaimer						Dil Fac
							1
ND		40	mg/ <b>k</b> g		00/03/24 09:36	00/03/24 14:15	1
%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
92		62 - 134			08/05/24 09:36	08/05/24 14:15	1
	-	PI	Unit	~	Broporod	Analyzad	Dil Fac
	Quanner						20
	95 ganic Comp Result ND ND %Recovery 88 ange Organ Result ND ND %Recovery 92 romatograp	yanic Compounds (GC) Result Qualifier ND ND ND ND ND ND ND ND ND ND	95         35 - 166           Result         Qualifier         RL           ND         0.024           ND         0.047           ND         0.047           ND         0.047           ND         0.047           ND         0.095           %Recovery         Qualifier         Limits           88         48 - 145           ange Organics (DRO) (GC)         9.2           ND         9.2           ND         46           %Recovery         Qualifier         Limits           92         62 - 134           romatography         Result         Qualifier           Result         Qualifier         RL	95         35 - 166           ganic Compounds (GC)         Result         Qualifier         RL         Unit           ND         0.024         mg/Kg           ND         0.047         mg/Kg           ND         0.047         mg/Kg           ND         0.047         mg/Kg           ND         0.095         mg/Kg           %Recovery         Qualifier         Limits           48 - 145         48 - 145         unit           ange Organics (DRO) (GC)         Result         Qualifier         RL           ND         9.2         mg/Kg         mg/Kg           ND         46         mg/Kg         mg/Kg           %Recovery         Qualifier         Limits         eng/Kg           ND         46         mg/Kg         mg/Kg           %Recovery         Qualifier         Limits         eng/Kg           92         62 - 134         for and gualifier         Limits           romatography         Result         Qualifier         RL         Unit	95         35 - 166           ganic Compounds (GC)         Result         Qualifier         RL         Unit         D           ND         0.024         mg/Kg         mg/Kg         D         0.024         mg/Kg         D	95         35 - 166         08/02/24 09:38           ganic Compounds (GC)         Result         Qualifier         RL         Unit         D         Prepared           ND         0.024         mg/Kg         08/02/24 09:38         08/02/24 09:38         08/02/24 09:38           ND         0.047         mg/Kg         08/02/24 09:38         08/02/24 09:38           ND         0.047         mg/Kg         08/02/24 09:38           ND         0.047         mg/Kg         08/02/24 09:38           %Recovery         Qualifier         Limits         Prepared           48         48 - 145         08/02/24 09:38           ange Organics (DRO) (GC)         Prepared         08/02/24 09:38           ND         9.2         mg/Kg         08/05/24 09:36           ND         46         mg/Kg         08/05/24 09:36           %Recovery         Qualifier         Limits         Prepared           ND         46         mg/Kg         08/05/24 09:36           %Recovery         Qualifier         Limits         Prepared           92         62 - 134         Prepared         08/05/24 09:36           romatography         Result         Qualifier         RL         Unit	95         35 - 166         08/02/24 09:38         08/04/24 21:53           ganic Compounds (GC)         Result         Qualifier         RL         Unit         D         Prepared         Analyzed           ND         0.024         mg/Kg         08/02/24 09:38         08/06/24 03:53         08/06/24 03:53           ND         0.047         mg/Kg         08/02/24 09:38         08/06/24 03:53           ND         0.047         mg/Kg         08/02/24 09:38         08/06/24 03:53           ND         0.047         mg/Kg         08/02/24 09:38         08/06/24 03:53           ND         0.095         mg/Kg         08/02/24 09:38         08/06/24 03:53           %Recovery         Qualifier         Limits         Prepared         Analyzed           08/02/24 09:38         08/06/24 03:53         08/06/24 03:53         08/06/24 03:53           ange Organics (DRO) (GC)         Prepared         Analyzed         08/05/24 09:36         08/05/24 03:53           ND         9.2         mg/Kg         08/05/24 09:36         08/05/24 14:15           ND         9.2         mg/Kg         08/05/24 09:36         08/05/24 14:15           ND         46         mg/Kg         08/05/24 09:36         08/05/24 14:15

		Clien	t Sample Res	sults				
lient: Harvest			-				Job ID: 885	5-9071-1
Project/Site: Davidson 1A								
Client Sample ID: Side Wall 2	2					Lab San	nple ID: 885-	9071-3
Date Collected: 08/01/24 11:35							-	ix: Solid
Date Received: 08/02/24 06:22								
- Method: SW846 8015M/D - Gasol	ine Range Oro	anics (GRO	)) (GC)					
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9	mg/Kg		08/02/24 09:38	08/04/24 22:40	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		35 - 166			08/02/24 09:38	08/04/24 22:40	1
- Method: SW846 8021B - Volatile (	Organic Comp	ounds (GC)						
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		08/02/24 09:38	08/06/24 04:40	1
Ethylbenzene	ND		0.049	mg/Kg		08/02/24 09:38	08/06/24 04:40	1
Toluene	ND		0.049	mg/Kg		08/02/24 09:38	08/06/24 04:40	1
Xylenes, Total	ND		0.097	mg/Kg		08/02/24 09:38	08/06/24 04:40	1
						Prepared	Analyzed	
Surrogate	%Recovery	Qualifier	Limits			Fiepaieu	Allalyzeu	Dil Fac
Surrogate 4-Bromofluorobenzene (Surr)	% <b>Recovery</b> 87	Qualifier	Limits 48 - 145			08/02/24 09:38	08/06/24 04:40	Dil Fac
4-Bromofluorobenzene (Surr)	87		48 - 145					Dil Fac
4-Bromofluorobenzene (Surr)	87 I Range Organ		48 - 145	Unit	D			Dil Fac
4-Bromofluorobenzene (Surr) Method: SW846 8015M/D - Diesel Analyte	87 I Range Organ	ics (DRO) (	48 - 145 GC)	Unit mg/Kg	D	08/02/24 09:38	08/06/24 04:40	1
4-Bromofluorobenzene (Surr) Method: SW846 8015M/D - Diesel Analyte Diesel Range Organics [C10-C28]	87 I Range Organ Result	ics (DRO) (	48 - 145 GC) RL		<u>D</u>	08/02/24 09:38 Prepared	08/06/24 04:40 Analyzed	1
4-Bromofluorobenzene (Surr) Method: SW846 8015M/D - Diesel	Range Organ Result	ics (DRO) (( Qualifier	48 - 145       GC)       RL       9.9	mg/Kg	<u>D</u>	08/02/24 09:38 Prepared 08/05/24 09:36	08/06/24 04:40 Analyzed 08/05/24 14:26	1
4-Bromofluorobenzene (Surr) Method: SW846 8015M/D - Diesel Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40]	I Range Organ Result ND ND	ics (DRO) (( Qualifier	48 - 145       GC)       RL       9.9       49	mg/Kg	D	08/02/24 09:38 Prepared 08/05/24 09:36 08/05/24 09:36	08/06/24 04:40 Analyzed 08/05/24 14:26 08/05/24 14:26	1 Dil Fac 1 1
4-Bromofluorobenzene (Surr) Method: SW846 8015M/D - Diesel Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40] Surrogate Di-n-octyl phthalate (Surr)	Result ND ND <u>%Recovery</u> 89	ics (DRO) ( Qualifier Qualifier	48 - 145 GC) <u>RL</u> 9.9 49 Limits	mg/Kg	<u>D</u>	08/02/24 09:38 Prepared 08/05/24 09:36 08/05/24 09:36 Prepared	08/06/24 04:40 Analyzed 08/05/24 14:26 08/05/24 14:26 Analyzed	1 Dil Fac 1 1 Dil Fac
4-Bromofluorobenzene (Surr) Method: SW846 8015M/D - Diesel Analyte Diesel Range Organics [C10-C28] Motor Oil Range Organics [C28-C40] Surrogate	I Range Organ Result ND %Recovery 89 Chromatograp	ics (DRO) ( Qualifier Qualifier	48 - 145 GC) <u>RL</u> 9.9 49 Limits	mg/Kg	D	08/02/24 09:38 Prepared 08/05/24 09:36 08/05/24 09:36 Prepared	08/06/24 04:40 Analyzed 08/05/24 14:26 08/05/24 14:26 Analyzed	1 Dil Fac 1 1 Dil Fac

## **QC Sample Results**

liont: Honyost												Job ID: 88	5-9071-
Client: Harvest Project/Site: Davidson 1A													
lethod: 8015M/D - Gasoline	Range O	rga	nics (G	RO) (GC)									
Lab Sample ID: MB 885-9626/1-A											Client S	ample ID: Meth	od Blar
Matrix: Solid												Prep Type:	
Analysis Batch: 9729												Prep Bat	
		ΜВ	МВ										
Analyte	Res	sult	Qualifier		RL		Unit		D	Pr	repared	Analyzed	Dil F
Gasoline Range Organics [C6 - C10]		ND			5.0		mg/Kg		0	8/02	2/24 09:38	08/04/24 16:24	
		ΜВ	МВ										
Surrogate	%Recov		Qualifier	Limits						Pi	repared	Analyzed	Dil F
4-Bromofluorobenzene (Surr)		97		35 - 16	5				0		2/24 09:38		
	•								0114		Comula		
Lab Sample ID: LCS 885-9626/2-/ Matrix: Solid	A								Cile	ent	Sample	ID: Lab Contro	
Analysis Batch: 9729												Prep Type: Prep Bat	
Analysis Batch. 5725				Spike	1.05	5 Ц	cs					%Rec	
Analyte				Added		_	ualifier	Unit		D	%Rec	Limits	
Gasoline Range Organics [C6 -				25.0	25.5			mg/Kg			102	70 - 130	
C10]								0 0					
	LCS	LCS											
Surrogate	%Recovery	Qual	ifier	Limits									
4-Bromofluorobenzene (Surr) lethod: 8021B - Volatile Org	206 Janic Com	S1+		35 - 166							Client S	ample ID: Meth	od Bla
4-Bromofluorobenzene (Surr) lethod: 8021B - Volatile Org Lab Sample ID: MB 885-9626/1-A Matrix: Solid	206 Janic Com	S1+		35 - 166							Client S	ample ID: Meth Prep Type: Prep Bat	Total/I
4-Bromofluorobenzene (Surr) lethod: 8021B - Volatile Org Lab Sample ID: MB 885-9626/1-A Matrix: Solid	206 Janic Com	S1+	unds (C	35 - 166							Client S	Prep Type:	Total/I
4-Bromofluorobenzene (Surr) Iethod: 8021B - Volatile Org Lab Sample ID: MB 885-9626/1-A Matrix: Solid Analysis Batch: 9780 Analyte	206 a ganic Com	S1+ IPO MB sult	unds (C	35 - 166 GC)	RL		Unit		<u>D</u>	Pr	repared	Prep Type: Prep Bat Analyzed	Total/I ch: 96
4-Bromofluorobenzene (Surr) Iethod: 8021B - Volatile Org Lab Sample ID: MB 885-9626/1-A Matrix: Solid Analysis Batch: 9780 Analyte Benzene	206 3	S1+ DO MB sult ND	unds (C	35 - 166 SC)	25		mg/Kg		0	Pr )8/02	<b>repared</b> 2/24 09:38	Analyzed           08/05/24 23:12	Total/I ch: 96
4-Bromofluorobenzene (Surr) Iethod: 8021B - Volatile Org Lab Sample ID: MB 885-9626/1-A Matrix: Solid Analysis Batch: 9780 Analyte Benzene Ethylbenzene	206 3	S1+ DO MB sult ND ND	unds (C	35 - 166 SC) 0.0	25 50		mg/Kg mg/Kg		0 0	Pr )8/02 )8/02	<b>repared</b> 2/24 09:38 2/24 09:38	Analyzed           08/05/24 23:12           08/05/24 23:12	Total/l ch: 96
4-Bromofluorobenzene (Surr) lethod: 8021B - Volatile Org Lab Sample ID: MB 885-9626/1-A Matrix: Solid Analysis Batch: 9780 Analyte Benzene Ethylbenzene Toluene	206 s janic Com	S1+ MB sult ND ND ND	unds (C	35 - 166 SC) 0.0 0.0 0.0	25 50 50		mg/Kg mg/Kg mg/Kg		0 0 0	Pr )8/02 )8/02	repared 2/24 09:38 2/24 09:38 2/24 09:38	Analyzed           08/05/24 23:12           08/05/24 23:12           08/05/24 23:12	Total/I ch: 96
4-Bromofluorobenzene (Surr) lethod: 8021B - Volatile Org Lab Sample ID: MB 885-9626/1-A Matrix: Solid Analysis Batch: 9780 Analyte Benzene Ethylbenzene Toluene	206 s janic Com	S1+ DO MB sult ND ND	unds (C	35 - 166 SC) 0.0 0.0 0.0	25 50		mg/Kg mg/Kg		0 0 0	Pr )8/02 )8/02	<b>repared</b> 2/24 09:38 2/24 09:38	Analyzed           08/05/24 23:12           08/05/24 23:12           08/05/24 23:12	Total/I ch: 96
4-Bromofluorobenzene (Surr) lethod: 8021B - Volatile Org Lab Sample ID: MB 885-9626/1-A Matrix: Solid Analysis Batch: 9780 Analyte Benzene Ethylbenzene Toluene	206 3	MB sult ND ND ND	unds (C	35 - 166 SC) 0.0 0.0 0.0	25 50 50		mg/Kg mg/Kg mg/Kg		0 0 0	Pr )8/02 )8/02	repared 2/24 09:38 2/24 09:38 2/24 09:38	Analyzed           08/05/24 23:12           08/05/24 23:12           08/05/24 23:12	Total/I ch: 96
4-Bromofluorobenzene (Surr) lethod: 8021B - Volatile Org Lab Sample ID: MB 885-9626/1-A Matrix: Solid Analysis Batch: 9780 Analyte Benzene Ethylbenzene Toluene Xylenes, Total	206 3	S1+ MB sult ND ND ND MB	unds (C MB Qualifier	35 - 166 SC) 0.0 0.0 0.0	25 50 50		mg/Kg mg/Kg mg/Kg		0 0 0	Pr 08/02 08/02 08/02	repared 2/24 09:38 2/24 09:38 2/24 09:38	Analyzed           08/05/24 23:12           08/05/24 23:12           08/05/24 23:12	Total/I cch: 96
4-Bromofluorobenzene (Surr) lethod: 8021B - Volatile Org Lab Sample ID: MB 885-9626/1-A Matrix: Solid Analysis Batch: 9780 Analyte Benzene Ethylbenzene Toluene Xylenes, Total Surrogate	206 3	S1+ MB sult ND ND ND MB	MB Qualifier MB	35 - 166 <b>SC)</b> 0.0 0.0 0.0 0	25 50 50 10		mg/Kg mg/Kg mg/Kg		000000000000000000000000000000000000000	Pr )8/02 )8/02 )8/02 )8/02 Pr	repared 2/24 09:38 2/24 09:38 2/24 09:38 2/24 09:38	Prep Type: Prep Bat 08/05/24 23:12 08/05/24 23:12 08/05/24 23:12 08/05/24 23:12	Total/I cch: 96
4-Bromofluorobenzene (Surr) lethod: 8021B - Volatile Org Lab Sample ID: MB 885-9626/1-A Matrix: Solid Analysis Batch: 9780 Analyte Benzene Ethylbenzene Toluene Xylenes, Total Surrogate 4-Bromofluorobenzene (Surr)	206 s janic Com Res	S1+ MB sult ND ND ND ND MB rery	MB Qualifier MB	35 - 166 3C) 0.0 0.0 0.0 0 Limits	25 50 50 10		mg/Kg mg/Kg mg/Kg			Pr 08/02 08/02 08/02 08/02 Pr 08/02	repared 2/24 09:38 2/24 09:38 2/24 09:38 2/24 09:38 repared 2/24 09:38	Prep Type: Prep Bat 08/05/24 23:12 08/05/24 23:12 08/05/24 23:12 08/05/24 23:12	Total/I cch: 96 
4-Bromofluorobenzene (Surr) lethod: 8021B - Volatile Org Lab Sample ID: MB 885-9626/1-A Matrix: Solid Analysis Batch: 9780 Analyte Benzene Ethylbenzene Toluene Xylenes, Total Surrogate 4-Bromofluorobenzene (Surr) Lab Sample ID: LCS 885-9626/3-/	206 s janic Com Res	S1+ MB sult ND ND ND ND MB rery	MB Qualifier MB	35 - 166 3C) 0.0 0.0 0.0 0 Limits	25 50 50 10		mg/Kg mg/Kg mg/Kg			Pr 08/02 08/02 08/02 08/02 Pr 08/02	repared 2/24 09:38 2/24 09:38 2/24 09:38 2/24 09:38 repared 2/24 09:38	Analyzed           08/05/24 23:12           08/05/24 23:12           08/05/24 23:12           08/05/24 23:12           08/05/24 23:12           08/05/24 23:12           08/05/24 23:12           08/05/24 23:12	Total/I cch: 96 
4-Bromofluorobenzene (Surr) lethod: 8021B - Volatile Org Lab Sample ID: MB 885-9626/1-A Matrix: Solid Analysis Batch: 9780 Analyte Benzene Ethylbenzene Toluene Xylenes, Total Surrogate 4-Bromofluorobenzene (Surr) Lab Sample ID: LCS 885-9626/3-/ Matrix: Solid	206 s janic Com Res	S1+ MB sult ND ND ND ND MB rery	MB Qualifier MB	35 - 166 3C) 0.0 0.0 0.0 0 Limits	25 50 50 10		mg/Kg mg/Kg mg/Kg			Pr 08/02 08/02 08/02 08/02 Pr 08/02	repared 2/24 09:38 2/24 09:38 2/24 09:38 2/24 09:38 repared 2/24 09:38	Analyzed           08/05/24 23:12           08/05/24 23:12           08/05/24 23:12           08/05/24 23:12           08/05/24 23:12           08/05/24 23:12           08/05/24 23:12           08/05/24 23:12           08/05/24 23:12           Discrete           08/05/24 23:12           08/05/24 23:12           08/05/24 23:12           08/05/24 23:12	Total/I ch: 96 
4-Bromofluorobenzene (Surr) lethod: 8021B - Volatile Org Lab Sample ID: MB 885-9626/1-A Matrix: Solid Analysis Batch: 9780 Analyte Benzene Ethylbenzene Toluene Xylenes, Total Surrogate 4-Bromofluorobenzene (Surr) Lab Sample ID: LCS 885-9626/3-/ Matrix: Solid	206 s janic Com Res	S1+ MB sult ND ND ND ND MB rery	MB Qualifier MB	35 - 166 3C) 0.0 0.0 0.0 0 Limits	25 50 50 10 55		mg/Kg mg/Kg mg/Kg			Pr 08/02 08/02 08/02 08/02 Pr 08/02	repared 2/24 09:38 2/24 09:38 2/24 09:38 2/24 09:38 repared 2/24 09:38	Prep Type: Prep Bat 08/05/24 23:12 08/05/24 23:12 08/05/24 23:12 08/05/24 23:12 08/05/24 23:12 Analyzed 08/05/24 23:12 ID: Lab Contro Prep Type:	Total/I ch: 96 
4-Bromofluorobenzene (Surr) lethod: 8021B - Volatile Org Lab Sample ID: MB 885-9626/1-A Matrix: Solid Analysis Batch: 9780 Analyte Benzene Ethylbenzene Toluene Xylenes, Total Surrogate 4-Bromofluorobenzene (Surr) Lab Sample ID: LCS 885-9626/3-/ Matrix: Solid Analysis Batch: 9780	206 s janic Com Res	S1+ MB sult ND ND ND ND MB rery	MB Qualifier MB	35 - 166 3C) 0.0 0.0 0.0 0.0 0 0 Limits 48 - 14	25 50 50 10 55		mg/Kg mg/Kg mg/Kg	Unit	0 0 0 0 0 Clie	Pr 08/02 08/02 08/02 08/02 Pr 08/02	repared 2/24 09:38 2/24 09:38 2/24 09:38 2/24 09:38 repared 2/24 09:38	Prep Type: Prep Bat 08/05/24 23:12 08/05/24 23:12 08/05/24 23:12 08/05/24 23:12 08/05/24 23:12 <b>Analyzed</b> 08/05/24 23:12 ID: Lab Contro Prep Type: Prep Bat	Total/I ch: 96 
4-Bromofluorobenzene (Surr) lethod: 8021B - Volatile Org Lab Sample ID: MB 885-9626/1-A Matrix: Solid Analysis Batch: 9780 Analyte Benzene Ethylbenzene Toluene Xylenes, Total Surrogate 4-Bromofluorobenzene (Surr) Lab Sample ID: LCS 885-9626/3-/ Matrix: Solid Analysis Batch: 9780 Analyte	206 s janic Com Res	S1+ MB sult ND ND ND ND MB rery	MB Qualifier MB	35 - 166 3C) 3C) 0.0 0.0 0.0 0.0 0 0 148 - 14 Spike	25 50 50 10 55	t Q	mg/Kg mg/Kg mg/Kg mg/Kg		0 0 0 0 0 Clie	Pr 98/02 98/02 98/02 98/02 98/02 Pr 98/02 Pr	repared 2/24 09:38 2/24 09:38 2/24 09:38 2/24 09:38 repared 2/24 09:38 Sample	Prep Type: Prep Bat 08/05/24 23:12 08/05/24 23:12 08/05/24 23:12 08/05/24 23:12 08/05/24 23:12 <b>Analyzed</b> 08/05/24 23:12 <b>ID: Lab Contro</b> <b>Prep Type:</b> <b>Prep Bat</b> %Rec	Total/I ch: 96 
4-Bromofluorobenzene (Surr) lethod: 8021B - Volatile Org Lab Sample ID: MB 885-9626/1-A Matrix: Solid Analysis Batch: 9780 Analyte Benzene Ethylbenzene Toluene Xylenes, Total Surrogate 4-Bromofluorobenzene (Surr) Lab Sample ID: LCS 885-9626/3-/ Matrix: Solid Analysis Batch: 9780 Analyte Benzene Ethylbenzene	206 s janic Com Res	S1+ MB sult ND ND ND ND MB rery	MB Qualifier MB	35 - 166 SC) C) C) C) C) C) C) C) C) C)	25 50 50 10 55 <b>LCS</b> <b>Resul</b> 0.976 0.896	t Q	mg/Kg mg/Kg mg/Kg mg/Kg	Unit mg/Kg mg/Kg	0 0 0 0 0 Clie	Pr 98/02 98/02 98/02 98/02 98/02 Pr 98/02 Pr	repared 2/24 09:38 2/24 09:38 2/24 09:38 2/24 09:38 2/24 09:38 <b>Sample</b> %Rec 98 90	Prep Type: Prep Bat 08/05/24 23:12 08/05/24 23:12 08/05/24 23:12 08/05/24 23:12 08/05/24 23:12 10: Lab Contro Prep Type: Prep Bat %Rec Limits 70 - 130 70 - 130	Total/I ch: 96 
4-Bromofluorobenzene (Surr) 1ethod: 8021B - Volatile Org Lab Sample ID: MB 885-9626/1-A Matrix: Solid Analysis Batch: 9780 Analyte Benzene Ethylbenzene Toluene Xylenes, Total Surrogate 4-Bromofluorobenzene (Surr) Lab Sample ID: LCS 885-9626/3-/ Matrix: Solid Analysis Batch: 9780 Analyte Benzene Ethylbenzene	206 s janic Com Res	S1+ MB sult ND ND ND ND MB rery	MB Qualifier MB	35 - 166 SC) C) C) C) C) C) C) C) C) C)	25 50 50 10 55 55 <b>LCS</b> <b>Resul</b> 0.976	t Q	mg/Kg mg/Kg mg/Kg mg/Kg	Unit mg/Kg	0 0 0 0 0 Clie	Pr 98/02 98/02 98/02 98/02 98/02 Pr 98/02 Pr	repared 2/24 09:38 2/24 09:38 2/24 09:38 2/24 09:38 2/24 09:38 <b>Sample</b> %Rec 98 -	Analyzed           08/05/24 23:12           08/05/24 23:12           08/05/24 23:12           08/05/24 23:12           08/05/24 23:12           08/05/24 23:12           08/05/24 23:12           08/05/24 23:12           08/05/24 23:12           08/05/24 23:12           08/05/24 23:12           D: Lab Contro           Prep Type:           Prep Bat           %Rec           Limits           70 - 130	Total/I ch: 96 
4-Bromofluorobenzene (Surr) 1ethod: 8021B - Volatile Org Lab Sample ID: MB 885-9626/1-A Matrix: Solid Analysis Batch: 9780 Analyte Benzene Ethylbenzene Toluene Xylenes, Total Surrogate 4-Bromofluorobenzene (Surr) Lab Sample ID: LCS 885-9626/3-/ Matrix: Solid Analysis Batch: 9780 Analyte Benzene Ethylbenzene	206 s janic Com Res	MB sult ND ND MB rery 86	MB Qualifier MB	35 - 166 SC) C) C) C) C) C) C) C) C) C)	25 50 50 10 55 <b>LCS</b> <b>Resul</b> 0.976 0.896	t Q	mg/Kg mg/Kg mg/Kg mg/Kg	Unit mg/Kg mg/Kg	0 0 0 0 0 Clie	Pr 98/02 98/02 98/02 98/02 98/02 Pr 98/02 Pr	repared 2/24 09:38 2/24 09:38 2/24 09:38 2/24 09:38 2/24 09:38 <b>Sample</b> %Rec 98 90	Analyzed           08/05/24 23:12           08/05/24 23:12           08/05/24 23:12           08/05/24 23:12           08/05/24 23:12           08/05/24 23:12           08/05/24 23:12           08/05/24 23:12           08/05/24 23:12           08/05/24 23:12           08/05/24 23:12           ID: Lab Contro           Prep Type:           Prep Bat           %Rec           Limits           70 - 130           70 - 130	Total/N :ch: 96 
Surrogate 4-Bromofluorobenzene (Surr) Aethod: 8021B - Volatile Org Lab Sample ID: MB 885-9626/1-A Matrix: Solid Analysis Batch: 9780 Analyte Benzene Ethylbenzene Toluene Xylenes, Total Surrogate 4-Bromofluorobenzene (Surr) Lab Sample ID: LCS 885-9626/3-/ Matrix: Solid Analysis Batch: 9780 Analyte Benzene Ethylbenzene Toluene Surrogate	206 a janic Com Res %Recov	MB sult ND ND MB rery 86	MB Qualifier MB Qualifier	35 - 166 SC) C) C) C) C) C) C) C) C) C)	25 50 50 10 55 <b>LCS</b> <b>Resul</b> 0.976 0.896	t Q	mg/Kg mg/Kg mg/Kg mg/Kg	Unit mg/Kg mg/Kg	0 0 0 0 0 Clie	Pr 98/02 98/02 98/02 98/02 98/02 Pr 98/02 Pr	repared 2/24 09:38 2/24 09:38 2/24 09:38 2/24 09:38 2/24 09:38 <b>Sample</b> %Rec 98 90	Analyzed           08/05/24 23:12           08/05/24 23:12           08/05/24 23:12           08/05/24 23:12           08/05/24 23:12           08/05/24 23:12           08/05/24 23:12           08/05/24 23:12           08/05/24 23:12           08/05/24 23:12           08/05/24 23:12           ID: Lab Contro           Prep Type:           Prep Bat           %Rec           Limits           70 - 130           70 - 130	Total/N :ch: 96 

Eurofins Albuquerque

Client: Harvest

Analyte

Chloride

## **QC Sample Results**

Job ID: 885-9071-1

lethod: 8015M/D - Diesel Ra	ange Organ	ics (DRU								
Lab Sample ID: MB 885-9717/1-A								Clien	t Sample ID: Me	thod Blank
Matrix: Solid	-								· · ·	e: Total/NA
Analysis Batch: 9716										Batch: 9717
Analysis Baton. St To	ME	мв							T Cp L	
Analyte		t Qualifier	RL	_	Unit		D	Prepared	d Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	N				mg/Kg	1	_	08/05/24 09		
Motor Oil Range Organics [C28-C40]	NE		50		mg/Kg			08/05/24 09		
					0 0					
		3 MB						_		
Surrogate	%Recovery	Qualifier	Limits 62 - 134	-				Prepared 08/05/24 09	·	$\frac{\text{Dil Fac}}{1}$
Di-n-octyl phthalate (Surr)	10		62 - 134					08/05/24 09	9:36 08/05/24 13:3	32 1
Lab Sample ID: LCS 885-9717/2-	Α						с	lient Sam	ole ID: Lab Cont	rol Sample
Matrix: Solid										e: Total/NA
Analysis Batch: 9716										Batch: 9717
			Spike	LCS	LCS				%Rec	
Analyte			Added	Result	Qualifier	Unit		D %Red	c Limits	
Diesel Range Organics			50.0	42.6		mg/Kg			5 60 - 135	
[C10-C28]										
	LCS LC	s								
Surrogate	%Recovery Qu	alifier	Limits							
Di-n-octyl phthalate (Surr)	92		62 - 134							
-										
lethod: 300.0 - Anions, Ion	Chromatog	raphy								
								0	t Sample ID: Me	thod Blank
Lab Sample ID: MB 885-9732/1-A								Clien		
Lab Sample ID: MB 885-9732/1-A Matrix: Solid	L.							Clien	•	e: Total/NA
Matrix: Solid	<b>k</b>							Clien	Ргер Тур	e: Total/NA Batch: 9732
		3 MB						Clien	Ргер Тур	e: Total/NA Batch: 9732
Matrix: Solid	ME	8 MB t Qualifier	RI	_	Unit		D	Prepared	Prep Typ Prep B	
Matrix: Solid Analysis Batch: 9777	ME	dualifier		-	Unit mg/Kg	]	<u>D</u>		Prep Typ Prep E d Analyzed	Batch: 9732
Matrix: Solid Analysis Batch: 9777 Analyte Chloride	ME Resul	dualifier		-		]	-	Prepared 08/05/24 11	Prep Typ           Prep E           d           Analyzed           :06           08/05/24 12:2	Batch: 9732 Dil Fac 29 1
Matrix: Solid Analysis Batch: 9777 Analyte Chloride Lab Sample ID: LCS 885-9732/2-	ME Resul	dualifier		-		)	-	Prepared 08/05/24 11	Prep Typ Prep E d <u>Analyzed</u> 08/05/24 12:2 ple ID: Lab Cont	Batch: 9732 Dil Fac 29 1 rol Sample
Matrix: Solid Analysis Batch: 9777 Analyte	ME Resul	dualifier		-		]	-	Prepared 08/05/24 11	Prep Typ Prep E Analyzed 08/05/24 12:2 ple ID: Lab Cont Prep Typ	Batch: 9732 Dil Fac 29 1

Result Qualifier

14.2

Unit

mg/Kg

D

%Rec

94

Limits

90 - 110

Added

15.0

Eurofins Albuquerque

<b>QC</b> Association	Summary
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Prep Type

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Matrix

Solid

Solid

Solid

Solid

Solid

Solid

Method

5030C

5030C

5030C

5030C

5030C

5030C

Client: Harvest	
Project/Site: Davidson 1	A

Prep Batch: 9626

**Client Sample ID** 

Bottom

Side Wall 1

Side Wall 2

Method Blank

Lab Control Sample

Lab Control Sample

**GC VOA** 

885-9071-1

885-9071-2

885-9071-3

MB 885-9626/1-A

LCS 885-9626/2-A

LCS 885-9626/3-A

Job ID: 885-9071-1

Prep Batch

```
1
2
3
4
5
6
7
8
9
10
11
```

Analysis Batch: 9729

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9071-1	Bottom	Total/NA	Solid	8015M/D	9626
885-9071-2	Side Wall 1	Total/NA	Solid	8015M/D	9626
885-9071-3	Side Wall 2	Total/NA	Solid	8015M/D	9626
MB 885-9626/1-A	Method Blank	Total/NA	Solid	8015M/D	9626
LCS 885-9626/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	9626

### Analysis Batch: 9780

Lab Sample ID 885-9071-1	Client Sample ID Bottom	Prep Type Total/NA	Matrix Solid	Method 8021B	Prep Batch 9626
885-9071-2	Side Wall 1	Total/NA	Solid	8021B	9626
885-9071-3	Side Wall 2	Total/NA	Solid	8021B	9626
MB 885-9626/1-A	Method Blank	Total/NA	Solid	8021B	9626
LCS 885-9626/3-A	Lab Control Sample	Total/NA	Solid	8021B	9626

## GC Semi VOA

### Analysis Batch: 9716

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9071-1	Bottom	Total/NA	Solid	8015M/D	9717
885-9071-2	Side Wall 1	Total/NA	Solid	8015M/D	9717
885-9071-3	Side Wall 2	Total/NA	Solid	8015M/D	9717
MB 885-9717/1-A	Method Blank	Total/NA	Solid	8015M/D	9717
LCS 885-9717/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	9717

Prep Batch: 9717

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
885-9071-1	Bottom	Total/NA	Solid	SHAKE	
885-9071-2	Side Wall 1	Total/NA	Solid	SHAKE	
885-9071-3	Side Wall 2	Total/NA	Solid	SHAKE	
MB 885-9717/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-9717/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

### HPLC/IC

### Prep Batch: 9732

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
885-9071-1	Bottom	Total/NA	Solid	300_Prep	
885-9071-2	Side Wall 1	Total/NA	Solid	300_Prep	
885-9071-3	Side Wall 2	Total/NA	Solid	300_Prep	
MB 885-9732/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-9732/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

**Eurofins Albuquerque** 

	QC A	ssociation Summar	у		
Client: Harvest Project/Site: Davidson	1A		-	oC	b ID: 885-9071-1
HPLC/IC					
Analysis Batch: 9777 - Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9071-1	Bottom	Total/NA	Solid	300.0	9732
885-9071-2	Side Wall 1	Total/NA	Solid	300.0	9732
885-9071-3	Side Wall 2	Total/NA	Solid	300.0	9732
MB 885-9732/1-A	Method Blank	Total/NA	Solid	300.0	9732
LCS 885-9732/2-A	Lab Control Sample	Total/NA	Solid	300.0	9732

Eurofins Albuquerque

Lab	Chro	nicle
Lap	Chro	nicie

Job ID: 885-9071-1

Matrix: Solid

Matrix: Solid

Lab Sample ID: 885-9071-1

Lab Sample ID: 885-9071-2

# Project/Site: Davidson 1A Client Sample ID: Bottom

Client: Harvest

## Date Collected: 08/01/24 11:15 Date Received: 08/02/24 06:22

	Batch	Batch		Dilution	Batch			Prepared
Ргер Туре	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5030C			9626	JP	EETALB	08/02/24 09:38
Total/NA	Analysis	8015M/D		1	9729	RA	EET ALB	08/04/24 21:30
Total/NA	Prep	5030C			9626	JP	EET ALB	08/02/24 09:38
Total/NA	Analysis	8021B		1	9780	JP	EET ALB	08/06/24 03:29
Total/NA	Prep	SHAKE			9717	EM	EET ALB	08/05/24 09:36
Total/NA	Analysis	8015M/D		1	9716	EM	EET ALB	08/05/24 14:04
Total/NA	Prep	300_Prep			9732	KB	EET ALB	08/05/24 11:06
Total/NA	Analysis	300.0		20	9777	RC	EET ALB	08/05/24 13:06

## Client Sample ID: Side Wall 1

Date Collected: 08/01/24 11:25 Date Received: 08/02/24 06:22

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5030C			9626	JP	EET ALB	08/02/24 09:38
Total/NA	Analysis	8015M/D		1	9729	RA	EET ALB	08/04/24 21:53
Total/NA	Prep	5030C			9626	JP	EET ALB	08/02/24 09:38
Total/NA	Analysis	8021B		1	9780	JP	EET ALB	08/06/24 03:53
Total/NA	Prep	SHAKE			9717	EM	EET ALB	08/05/24 09:36
Total/NA	Analysis	8015M/D		1	9716	EM	EET ALB	08/05/24 14:15
Total/NA	Prep	300_Prep			9732	KB	EET ALB	08/05/24 11:06
Total/NA	Analysis	300.0		20	9777	RC	EET ALB	08/05/24 13:19

### Client Sample ID: Side Wall 2 Date Collected: 08/01/24 11:35

# Date Received: 08/02/24 06:22

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5030C			9626	JP	EET ALB	08/02/24 09:38
Total/NA	Analysis	8015M/D		1	9729	RA	EET ALB	08/04/24 22:40
Total/NA	Prep	5030C			9626	JP	EET ALB	08/02/24 09:38
Total/NA	Analysis	8021B		1	9780	JP	EET ALB	08/06/24 04:40
Total/NA	Prep	SHAKE			9717	EM	EET ALB	08/05/24 09:36
Total/NA	Analysis	8015M/D		1	9716	EM	EET ALB	08/05/24 14:26
Total/NA	Prep	300_Prep			9732	KB	EET ALB	08/05/24 11:06
Total/NA	Analysis	300.0		20	9777	RC	EET ALB	08/05/24 13:31

### Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

# Lab Sample ID: 885-9071-3

Matrix: Solid

Job ID: 885-9071-1

## **Accreditation/Certification Summary**

Client: Harvest Project/Site: Davidson 1A

## Laboratory: Eurofins Albuquerque

ss otherwise noted, all anal	ytes for this laboratory were o	overed under each accredi	tation/certification below.		_
thority	Progr	am	Identification Number	Expiration Date	
w Mexico	State		NM9425, NM0901	02-26-25	- 1
The following analytes	are included in this report by	it the laboratory is not certif	ied by the governing authority. This lis	t may include analytes	
• •	oes not offer certification.	at the laboratory is not certin	led by the governing autionty. This is		
Analysis Method	Prep Method	Matrix	Analyte		
300.0	300_Prep	Solid	Chloride		
300.0 8015M/D	300_Prep 5030C	Solid Solid	Chloride Gasoline Range Organics	[C6 - C10]	
	—				
8015M/D	5030C	Solid	Gasoline Range Organics	10-C28]	
8015M/D 8015M/D	5030C SHAKE	Solid Solid	Gasoline Range Organics Diesel Range Organics [C	10-C28]	
8015M/D 8015M/D 8015M/D	5030C SHAKE SHAKE	Solid Solid Solid	Gasoline Range Organics Diesel Range Organics [C Motor Oil Range Organics	10-C28]	
8015M/D 8015M/D 8015M/D 8021B	5030C SHAKE SHAKE 5030C	Solid Solid Solid Solid	Gasoline Range Organics Diesel Range Organics [C Motor Oil Range Organics Benzene	10-C28]	

Eurofins Albuquerque

Client         Image: Name         Image: Name <t< th=""><th>Chain</th><th>-of-CL</th><th>Chain-of-Custody Record</th><th>Turn-Around Time:</th><th>Time:</th><th></th><th>Π_</th><th></th><th>ľ</th><th></th><th>L L</th><th>VTF</th><th></th><th>Z T T N</th><th>A P</th><th></th></t<>	Chain	-of-CL	Chain-of-Custody Record	Turn-Around Time:	Time:		Π_		ľ		L L	VTF		Z T T N	A P	
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S. 320     320     35.0     320     36.2 l Mont. 2n     Analysis       Complete Manager:     Project Manager:     Project Manager:     Project Manager:     Project Manager:       Project Manager:     Az Compliance     Sampler:     Nont. 2n     Sampler:     Nont. 2n       Matrix     Sampler:     Az Compliance     Sampler:     Nont. 2n     Sampler:       Matrix     Sampler:     Az Compliance     Sampler:     Nont. 2n     Sampler:       Matrix     Sampler:     Az Compliance     Sampler:     Az Compliance       Matrix     Sampler:     A K Compliance     Sampler:     A K Compliance       Matrix     Sampler:     A K Condiction     A K K Solor 6570(RAO / NRO)       Matrix     Sampler:     A K K Solor 6570(RAO / NRO)       Matrix     Sampler:     A K K Solor 6570(RAO / NRO)       Sold:     A K K Solor 6570(RAO / NO)       Sold:     A K K Solor 6570(RAO / NO)       Sold:     A K K Solor 6570(RAO / NO)       Sold:     A K K K Solor 6570(RAO / NO)       So				Project #:				Tel. 5(	)5-345	-3975	Ц	× 505	-345-410	2	885-907	000
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**Released to Imaging: 10/25/2024 2:09:46 PM** 

## Login Sample Receipt Checklist

Client: Harvest

Login Number: 9071 List Number: 1 Creator: Casarrubias, Tracy

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

Job Number: 885-9071-1

List Source: Eurofins Albuquerque



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District III

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District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 388856

QUESTION	NS
Operator:	OGRID:
Harvest Four Corners, LLC	373888
1755 Arroyo Dr Action Number:	
Bloomfield, NM 87413	388856
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2420536242
Incident Name	NAPP2420536242 DAVIDSON 1A @ 0
Incident Type	Natural Gas Release
Incident Status	Remediation Closure Report Received
Incident Facility	[fAPP2123052765] HARVEST FOUR CORNERS GATHER SYSTEM

### Location of Release Source

Please answer all the questions in this group.	
Site Name Davidson 1A	
Date Release Discovered	07/23/2024
Surface Owner	Federal

### Incident Details

Please answer all the questions in this group.	
Incident Type	Natural Gas Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	Yes
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 fo	r the volumes provided should be attached to the follow-up C-141 submission.
Crude Oil Released (bbls) Details	Not answered.
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	Cause: Equipment Failure   Pipeline (Any)   Natural Gas Vented   Released: 1 MCF   Recovered: 0 MCF   Lost: 1 MCF.
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)	Gas Pipeline leak in a dry wash/run off area, No sign of any liquids

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District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS, Page 2

Action 388856

QUESTIONS (co	ntinued)
	OODID:

Operator:	OGRID:
Harvest Four Corners, LLC	373888
1755 Arroyo Dr	Action Number:
Bloomfield, NM 87413	388856
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	Yes, according to supplied volumes this appears 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: (2) an unauthorized release of a volume that: (b) may with reasonable probability reach a watercourse.

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a	safety hazard that would result in injury.
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	No visible signs of liquids.
	tiation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of ated or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of evaluation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for rele the 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 rt 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: Chad Snell Title: Environmental Specialist Email: chad.snell@harvestmidstream.com

Date: 08/05/2024

District I

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#### District III

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District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3470 Fax: (505) 476-3462

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

QUESTIONS, Page 3

Action 388856

Page 40 of 45

QUESTIONS	(continued)
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Operator:	OGRID:
Harvest Four Corners, LLC	373888
1755 Arroyo Dr	Action Number:
Bloomfield, NM 87413	388856
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### QUESTIONS

Site Characterization

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 500 and 1000 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release ar	d the following surface areas:
A continuously flowing watercourse or any other significant watercourse	Between 100 and 200 (ft.)
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	Between ½ and 1 (mi.)
Any other fresh water well or spring	Between ½ and 1 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 100 and 200 (ft.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Νο

#### Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date. Requesting a remediation plan approval with this submission Yes Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC. Have the lateral and vertical extents of contamination been fully delineated Yes Was this release entirely contained within a lined containment area No Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.) Chloride (EPA 300.0 or SM4500 CI B) 0 TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M) 0 GRO+DRO (EPA SW-846 Method 8015M) 0 BTEX (EPA SW-846 Method 8021B or 8260B) 0 (EPA SW-846 Method 8021B or 8260B) Benzene 0 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 07/29/2024 On what date will (or did) the final sampling or liner inspection occur 08/01/2024 On what date will (or was) the remediation complete(d) 07/29/2024 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 495 What is the estimated volume (in cubic yards) that will be remediated 12 These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to

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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

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QUESTIONS, Page 4

Action 388856

QUESTIONS (continued)		
Operator: Harvest Four Corners, LLC 1755 Arroyo Dr Bloomfield, NM 87413	OGRID: 373888 Action Number: 388856 Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)	
QUESTIONS		
Remediation Plan (continued)		
Please answer all the questions that apply or are indicated. This information must be provided to the	appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate	/ reduce contaminants:	
(Select all answers below that apply.)		
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes	
Which OCD approved facility will be used for off-site disposal	ENVIROTECH LANDFARM #1 [fEEM0112334691]	
OR which OCD approved well (API) will be used for off-site disposal	Not answered.	
OR is the off-site disposal site, to be used, out-of-state	Not answered.	
OR is the off-site disposal site, to be used, an NMED facility	Not answered.	
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.	
(In Situ) Soil Vapor Extraction	Not answered.	
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.	
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.	
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.	
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.	
OTHER (Non-listed remedial process)	Not answered.	
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed ef which includes the anticipated timelines for beginning and completing the remediation.	forts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,	
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 a	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 t 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: Chad Snell Title: Environmental Specialist Email: chad.snell@harvestmidstream.com Date: 10/01/2024	
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in according significantly deviate from the remediation plan proposed, then it should consult with the division to d	ordance with the physical realities encountered during remediation. If the responsible party has any need to letermine if another remediation plan submission is required.	

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District III

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District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3470 Fax: (505) 476-3462

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

Action 388856

Page 42 of 45

QUESTIONS (continued)	
Operator: Harvest Four Corners, LLC	OGRID: 373888
1755 Arroyo Dr Bloomfield, NM 87413	Action Number: 388856
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### QUESTIONS

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

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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 388856

**QUESTIONS** (continued) Operator: OGRID: Harvest Four Corners, LLC 373888 1755 Arroyo Dr Action Number: Bloomfield, NM 87413 388856 Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	368169
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/01/2024
What was the (estimated) number of samples that were to be gathered	1
What was the sampling surface area in square feet	100

**Remediation Closure Request** 

Only answer the questions in this group if seeking remediation closure for this release because all r	emediation 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	495
What was the total volume (cubic yards) remediated	12
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)	12 yards of soil was hauled to disposal.
	closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of
to report and/or file certain release notifications and perform corrective actions for relea- 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	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 t does not relieve the operator of responsibility for compliance with any other federal, state, or ially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed ing notification to the OCD when reclamation and re-vegetation are complete.

I hereby agree and sign off to the above statement	Name: Chad Snell
	Title: Environmental Specialist
	Email: chad.snell@harvestmidstream.com
	Date: 10/01/2024

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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 388856

Page 44 of 45

QUESTIONS (continued)	
Operator: Harvest Four Corners, LLC	OGRID: 373888
1755 Arroyo Dr Bloomfield, NM 87413	Action Number: 388856
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)
QUESTIONS	

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Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with 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

CONDITIONS

Action 388856

CONDITIONS Operator: OGRID: Harvest Four Corners, LLC 373888 1755 Arroyo Dr Action Number: Bloomfield, NM 87413 388856 Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	10/25/2024