

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural
Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	NCS1929556371
District RP	3RP-1014
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Harvest Midstream Company	OGRID 373888
Contact Name Kijun Hong	Contact Telephone 505-632-4475
Contact email khong@harvestmidstream.com	Incident # (assigned by OCD) NCS1929556371
Contact mailing address 1755 Arroyo Dr., Bloomfield, NM 87413	

Location of Release Source

Latitude 36.942783 Longitude -107.438431
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Rosa 089 MV Pipeline	Site Type Natural Gas Pipeline
Date Release Discovered 9/27/19	API# (if applicable)

Unit Letter	Section	Township	Range	County
A	34	32N	6W	Rio Arriba

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

Nature and Volume of Release

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

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☐ Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☒ Natural Gas	Volume Released (Mcf) 23.214	Volume Recovered (Mcf) no liquids
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

Natural gas pipeline leak, no liquids

Leak was below-ground and has been repaired

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ☒ No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Immediate notice, by Kijun Hong to Cory Smith and Jim Griswold on September 28, 2019, via email	

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. ☒ The impacted area has been secured to protect human health and the environment. ☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. ☐ All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why: No recoverable materials and no free liquids to remove. Soil samples were collected from the excavation base and sidewalls and submitted for laboratory analysis. Results were all below laboratory detection limits. Lab results are attached.	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: Kijun Hong	Title: Environmental Specialist
Signature: 	Date: 10/21/2019
email: khong@harvestmidstream.com	Telephone: 505-632-4475
OCD Only Received by: OCD  Date: 10/21/19	

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

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

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

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

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

Printed Name: Kijun Hong Title: Environmental Specialist
Signature:  Date: 10/21/2019
email: khong@harvestmidstream.com Telephone: 505-632-4475

OCD Only

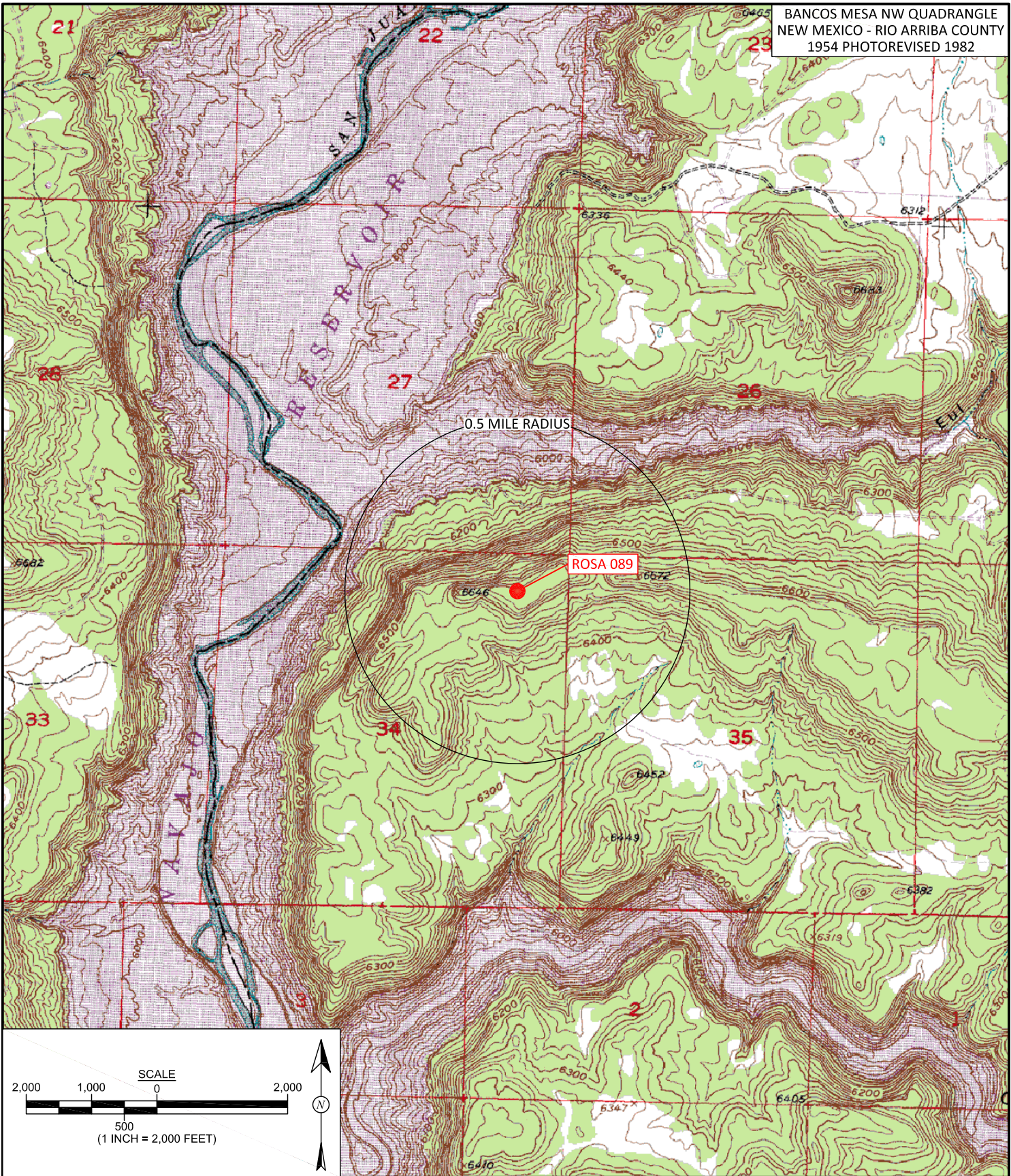
Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination to protect and restore groundwater, surface water, human health or the environment. The responsible party of compliance with all applicable 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.

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

NOT APPROVED



**animas
 environmental
 services**
 Farmington, NM • Durango, CO
animasenvironmental.com

DRAWN BY:
 C. Lameman

DATE DRAWN:
 October 2, 2019

REVISIONS BY:
 C. Lameman

DATE REVISED:
 October 2, 2019

CHECKED BY:
 E. McNally

DATE CHECKED:
 October 2, 2019

APPROVED BY:
 E. McNally

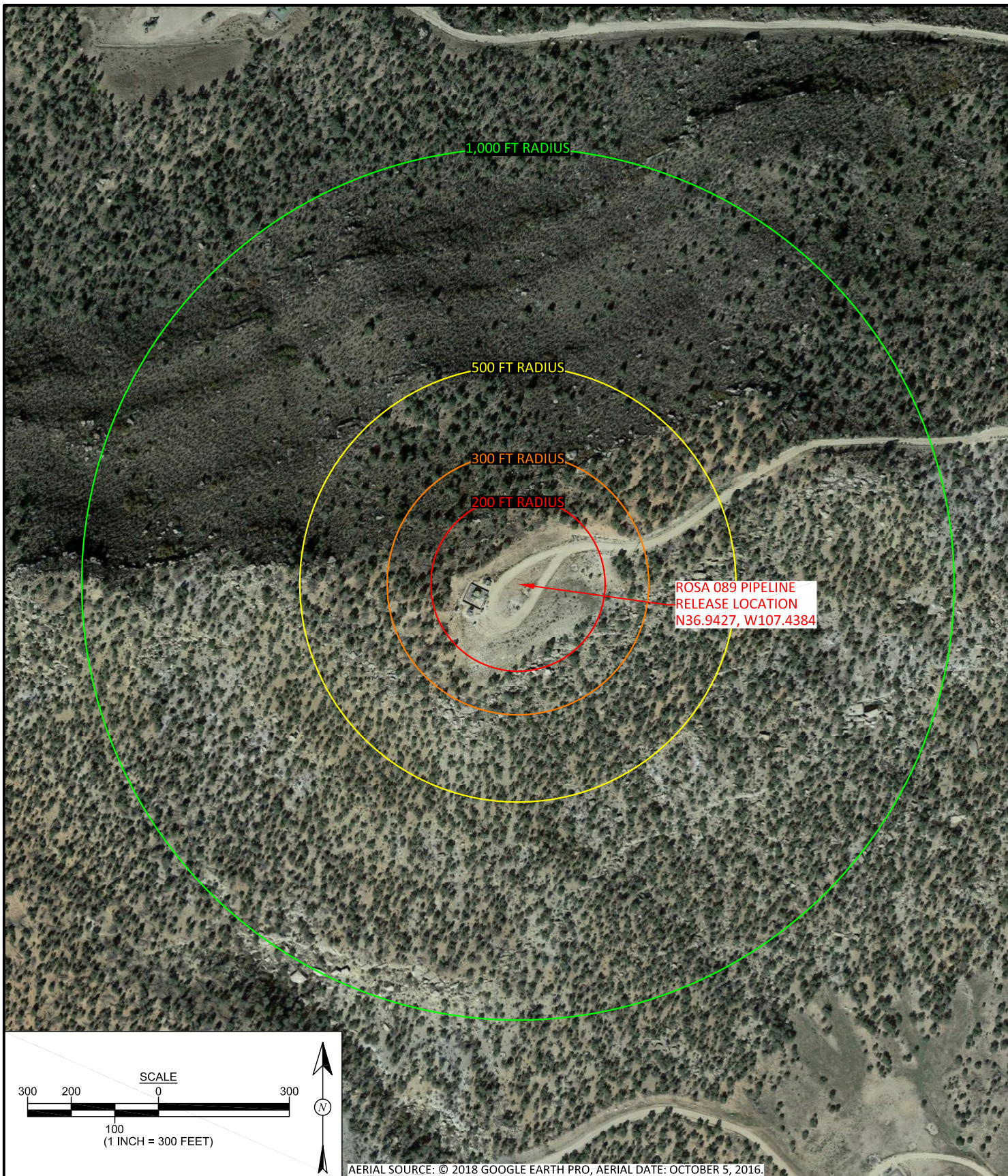
DATE APPROVED:
 October 2, 2019

FIGURE 1

TOPOGRAPHIC SITE LOCATION MAP

HARVEST MIDSTREAM
 ROSA 089

NE¼ NE¼, SECTION 34, T32N, R6W
 RIO ARriba COUNTY, NEW MEXICO
 N36.9427, W107.4384



**animas
environmental
services**
Farmington, NM • Durango, CO
animasenvironmental.com

DRAWN BY:
C. Lameman

DATE DRAWN:
October 2, 2019

REVISIONS BY:
C. Lameman

DATE REVISED:
October 2, 2019

CHECKED BY:
E. McNally

DATE CHECKED:
October 2, 2019

APPROVED BY:
E. McNally

DATE APPROVED:
October 2, 2019

FIGURE 2

AERIAL SITE LOCATION MAP
HARVEST MIDSTREAM
ROSA 089
NE $\frac{1}{4}$ NE $\frac{1}{4}$, SECTION 34, T32N, R6W
RIO ARriba COUNTY, NEW MEXICO
N36.9427, W107.4384



Harvest Midstream Rosa 089 MV Pipeline
Latitude/Longitude: 36.942783 -107.438431
Photo Date: 9/27/2019



Harvest Midstream Rosa 089 MV Pipeline
Latitude/Longitude: 36.942783 -107.438431
Photo Date: 9/27/2019



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

October 11, 2019

Jesse Graham

Harvest

1755 Arroyo Dr.

Bloomfield, NM 87413

TEL: (505) 632-4475

FAX:

RE: Rosa 89

OrderNo.: 1910364

Dear Jesse Graham:

Hall Environmental Analysis Laboratory received 2 sample(s) on 10/5/2019 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written over a light blue horizontal line.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1910364

Date Reported: 10/11/2019

CLIENT: Harvest

Client Sample ID: Bottom

Project: Rosa 89

Collection Date: 10/3/2019 3:08:00 PM

Lab ID: 1910364-001

Matrix: SOIL

Received Date: 10/5/2019 9:05:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CJS
Chloride	ND	60		mg/Kg	20	10/9/2019 2:26:39 PM	48035
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	8.8		mg/Kg	1	10/8/2019 11:28:59 PM	47973
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	10/8/2019 11:28:59 PM	47973
Surr: DNOP	128	70-130		%Rec	1	10/8/2019 11:28:59 PM	47973
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/8/2019 12:31:47 PM	47976
Surr: BFB	94.8	77.4-118		%Rec	1	10/8/2019 12:31:47 PM	47976
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	10/8/2019 12:31:47 PM	47976
Toluene	ND	0.049		mg/Kg	1	10/8/2019 12:31:47 PM	47976
Ethylbenzene	ND	0.049		mg/Kg	1	10/8/2019 12:31:47 PM	47976
Xylenes, Total	ND	0.099		mg/Kg	1	10/8/2019 12:31:47 PM	47976
Surr: 4-Bromofluorobenzene	91.5	80-120		%Rec	1	10/8/2019 12:31:47 PM	47976

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1910364

Date Reported: 10/11/2019

CLIENT: Harvest

Client Sample ID: Sides

Project: Rosa 89

Collection Date: 10/3/2019 3:08:00 PM

Lab ID: 1910364-002

Matrix: SOIL

Received Date: 10/5/2019 9:05:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CJS
Chloride	ND	60		mg/Kg	20	10/9/2019 2:39:03 PM	48035
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.0		mg/Kg	1	10/8/2019 11:51:01 PM	47973
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	10/8/2019 11:51:01 PM	47973
Surr: DNOP	226	70-130	S	%Rec	1	10/8/2019 11:51:01 PM	47973
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	10/8/2019 1:40:33 PM	47976
Surr: BFB	97.2	77.4-118		%Rec	1	10/8/2019 1:40:33 PM	47976
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	10/8/2019 1:40:33 PM	47976
Toluene	ND	0.050		mg/Kg	1	10/8/2019 1:40:33 PM	47976
Ethylbenzene	ND	0.050		mg/Kg	1	10/8/2019 1:40:33 PM	47976
Xylenes, Total	ND	0.10		mg/Kg	1	10/8/2019 1:40:33 PM	47976
Surr: 4-Bromofluorobenzene	95.4	80-120		%Rec	1	10/8/2019 1:40:33 PM	47976

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1910364

11-Oct-19

Client: Harvest

Project: Rosa 89

Sample ID: MB-48035	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 48035	RunNo: 63533								
Prep Date: 10/9/2019	Analysis Date: 10/9/2019	SeqNo: 2171599	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-48035	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 48035	RunNo: 63533								
Prep Date: 10/9/2019	Analysis Date: 10/9/2019	SeqNo: 2171600	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	15	1.5	15.00	0	98.9	90	110			

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1910364

11-Oct-19

Client: Harvest

Project: Rosa 89

Sample ID: LCS-47973	SampType: LCS			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch ID: 47973			RunNo: 63485						
Prep Date: 10/7/2019	Analysis Date: 10/8/2019			SeqNo: 2170017		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	45	10	50.00	0	90.8	63.9	124			
Surr: DNOP	4.9		5.000		98.6	70	130			

Sample ID: MB-47973	SampType: MBLK			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	Batch ID: 47973			RunNo: 63485						
Prep Date: 10/7/2019	Analysis Date: 10/8/2019			SeqNo: 2170018		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	10		10.00		105	70	130			

Sample ID: LCS-48012	SampType: LCS			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch ID: 48012			RunNo: 63525						
Prep Date: 10/8/2019	Analysis Date: 10/9/2019			SeqNo: 2170483		Units: %Rec				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.6		5.000		92.1	70	130			

Sample ID: MB-48012	SampType: MBLK			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	Batch ID: 48012			RunNo: 63525						
Prep Date: 10/8/2019	Analysis Date: 10/9/2019			SeqNo: 2170486		Units: %Rec				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	9.0		10.00		90.2	70	130			

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1910364

11-Oct-19

Client: Harvest

Project: Rosa 89

Sample ID: MB-47976	SampType: MBLK		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: PBS	Batch ID: 47976		RunNo: 63496							
Prep Date: 10/7/2019	Analysis Date: 10/8/2019		SeqNo: 2169919		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1000		1000		102	77.4	118			

Sample ID: LCS-47976	SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: LCSS	Batch ID: 47976		RunNo: 63496							
Prep Date: 10/7/2019	Analysis Date: 10/8/2019		SeqNo: 2169920		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	5.0	25.00	0	102	80	120			
Surr: BFB	1100		1000		114	77.4	118			

Sample ID: 1910364-001AMS	SampType: MS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: Bottom	Batch ID: 47976		RunNo: 63496							
Prep Date: 10/7/2019	Analysis Date: 10/8/2019		SeqNo: 2169922		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	5.0	24.95	0	102	69.1	142			
Surr: BFB	1100		998.0		113	77.4	118			

Sample ID: 1910364-001AMSD	SampType: MSD		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: Bottom	Batch ID: 47976		RunNo: 63496							
Prep Date: 10/7/2019	Analysis Date: 10/8/2019		SeqNo: 2169923		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	27	5.0	24.98	0	107	69.1	142	4.72	20	
Surr: BFB	1100		999.0		113	77.4	118	0	0	

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1910364

11-Oct-19

Client: Harvest

Project: Rosa 89

Sample ID: MB-47976		SampType: MBLK		TestCode: EPA Method 8021B: Volatiles						
Client ID: PBS		Batch ID: 47976		RunNo: 63496						
Prep Date: 10/7/2019		Analysis Date: 10/8/2019		SeqNo: 2169939		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.98		1.000		98.4	80	120			

Sample ID: LCS-47976		SampType: LCS		TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS		Batch ID: 47976		RunNo: 63496						
Prep Date: 10/7/2019		Analysis Date: 10/8/2019		SeqNo: 2169940			Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.95	0.025	1.000	0	95.0	80	120			
Toluene	0.99	0.050	1.000	0	99.4	80	120			
Ethylbenzene	0.99	0.050	1.000	0	98.9	80	120			
Xylenes, Total	2.9	0.10	3.000	0	96.8	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		102	80	120			

Sample ID: 1910364-002AMS		SampType: MS		TestCode: EPA Method 8021B: Volatiles						
Client ID: Sides		Batch ID: 47976		RunNo: 63496						
Prep Date: 10/7/2019		Analysis Date: 10/8/2019		SeqNo: 2169943		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.96	0.024	0.9794	0.01069	96.8	76	123			
Toluene	1.0	0.049	0.9794	0.01010	102	80.3	127			
Ethylbenzene	1.0	0.049	0.9794	0.01107	105	80.2	131			
Xylenes, Total	3.0	0.098	2.938	0.03009	102	78	133			
Surr: 4-Bromofluorobenzene	0.93		0.9794		95.4	80	120			

Sample ID: 1910364-002AMSD		SampType: MSD		TestCode: EPA Method 8021B: Volatiles						
Client ID: Sides		Batch ID: 47976		RunNo: 63496						
Prep Date: 10/7/2019		Analysis Date: 10/8/2019		SeqNo: 2169944		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.89	0.024	0.9690	0.01069	90.9	76	123	7.25	20	
Toluene	0.97	0.048	0.9690	0.01010	99.0	80.3	127	4.37	20	
Ethylbenzene	0.98	0.048	0.9690	0.01107	100	80.2	131	5.67	20	
Xylenes, Total	2.9	0.097	2.907	0.03009	98.2	78	133	5.15	20	
Surr: 4-Bromofluorobenzene	0.96		0.9690		99.0	80	120	0	0	

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

Sample Log-In Check List

Client Name: **Harvest**

Work Order Number: **1910364**

RcptNo: 1

Received By: **Erin Melendrez**

10/5/2019 9:05:00 AM

UM

Completed By: **Erin Melendrez**

10/5/2019 10:51:43 AM

UM

Reviewed By: **ENM**

10/6/19

Chain of Custody

1. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐
2. How was the sample delivered? Courier

Log In

3. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
4. Were all samples received at a temperature of $>0^{\circ}\text{C}$ to 6.0°C ? Yes ☒ No ☐ NA ☐
5. Sample(s) in proper container(s)? Yes ☒ No ☐
6. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
7. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
8. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
9. VOA vials have zero headspace? Yes ☐ No ☐ No VOA Vials ☒
10. Were any sample containers received broken? Yes ☐ No ☒
11. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
13. Is it clear what analyses were requested? Yes ☒ No ☐
14. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes ☒ No ☐

of preserved
bottles checked
for pH:
(<2 or >12 unless noted)

Adjusted?

Checked by: *df* 10/6/19

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified:

Date:

By Whom:

Via:

☐ eMail

☐ Phone

☐ Fax

☐ In Person

Regarding:

Client Instructions:

16. Additional remarks:

17. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	0.6	Good	Yes			

Chain-of-Custody Record

Client:

harvest midstream

Turn-Around Time:

☒ Standard

☐ Rush

Project Name:

Mailing Address: 1755 Arroyo dr
Bloomfield NM
Phone #:

email or Fax#: Monica Kilian, Jesse, Stefan, Hoss

QA/QC Package:

☐ Standard	☐ Level 4 (Full Validation)
-----------------------------------	--

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other _____

☐ EDD (Type) _____

Date	Time	Matrix	Sample Name
10-3-19	3:08	Soil	Bottom
10-3-19	3:10	Soil	Sides

[illegible]

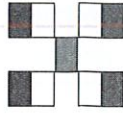
Turn-Around Time: ☒ Standard ☐ Rush

Project Name: _____

Project #:	Rosa 89
	AFE 1963648

Project Manager:	Jesse Graham	
Sampler:	Jesse Graham	
On Ice:	☒ Yes	☐ No
# of Coolers:	1	

Cooler Temp (including CF): 1, i-0.5 (CF) = 0.6 °C	Container Type and #	Preservative Type	HEAL No.
	40Z	C901	1910364
	40Z	C991	-007

[illegible]

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

[illegible]

Remarks: