

3R-1013

**Release Report/ General
Correspondence**

Williams SJ

Date: Oct-Dec 2015

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

OCT 1 8 2015

Form C-141
Revised August 8, 2011

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

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

Name of Company: Williams Four Corners LLC	Contact: Kelsey Christiansen
Address: 188 CR 4900, Bloomfield, NM 87413	Telephone No.: (505) 632-4606
Facility Name: Milagro Cogeneration & Gas Plant	Facility Type: Facility
Surface Owner: Williams	Mineral Owner
API No.	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
O	12	29N	11W					San Juan

Latitude 36.735966° N Longitude -107.942329° W

NATURE OF RELEASE

Type of Release: Amine/Water Mix	Volume of Release: 1,050 gallons	Volume Recovered: 800 gallons
Source of Release: Vent Stack	Date and Hour of Occurrence: 09/28/2015 at 01:00 PM MST	Date and Hour of Discovery: 09/28/2015 at 01:00 PM MST
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Brandon Powell, NMOCD	
By Whom? Kelsey Christiansen	Date and Hour: 09/28/2015 at 05:58 PM MST	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

N/A

Describe Cause of Problem and Remedial Action Taken.*

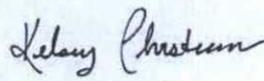
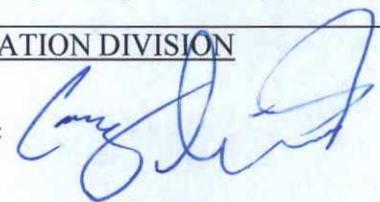
The level switch on Train 4 at the Williams Milagro Plant failed and caused amine/water mixture to release through the vent stack. The train was shut down to prevent any further release of product and the issue was resolved. Berms to contain the mixture were immediately and appropriately built. Pumps were utilized to recover the amine/water mix.

Describe Area Affected and Cleanup Action Taken.*

Hand excavation of impacted area currently taking place and confirmation soil samples will be collected to determine acceptable cleanup standards are met. Samples will be run for the following parameters; Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) via method 8021, Total petroleum hydrocarbons (TPH) via Method 8015, and Chlorides via Method 300. A final Form C-141 and supplemental documentation will be sent as soon as remediation is complete.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

OIL CONSERVATION DIVISION

Signature: 	Approved by Environmental Specialist: 	
Printed Name: Kelsey Christiansen	Approval Date: <u>11/9/15</u>	Expiration Date:
Title: Environmental Specialist	Conditions of Approval:	
E-mail Address: kelsey.christiansen@williams.com	Attached <input type="checkbox"/>	
Date: 10/07/2015	Phone: (505) 634-4606	

NCS 15313289518

①

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Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

Name of Company: Williams Four Corners LLC	Contact: Kelsey Christiansen
Address: 188 CR 4900, Bloomfield, NM 87413	Telephone No.: (505) 632-4606
Facility Name: Hamner #2 Pipeline	Facility Type: Pipeline
Surface Owner: Bureau of Land Management	Mineral Owner
API No.	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
L	28	29N	9W					San Juan

Latitude 36.69438° N Longitude -107.79134° W

NATURE OF RELEASE

Type of Release: Produced Water/Condensate	Volume of Release: 315 gallons produced water/condensate	Volume Recovered: 0 gallons
Source of Release: Pinhole on the pipeline	Date and Hour of Occurrence: Unknown	Date and Hour of Discovery: 11/03/15 at 10:00 AM MST
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour:	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

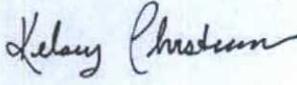
OIL CONS. DIV DIST. 3
NOV 16 2015

If a Watercourse was Impacted, Describe Fully.*
Not Applicable

Describe Cause of Problem and Remedial Action Taken.*
On October 21, 2015 Williams leak survey crew discovered a suspected pinhole leak on the Trunk Q Pipeline which caused the release of a non-reportable amount of natural gas. Once repairs and excavation was complete environmental did a site visit to estimate the amount of liquid associated with impacted soil.

Describe Area Affected and Cleanup Action Taken.*
Confirmation soil samples will be collected to insure cleanup standards will be met. Attached is a site specific ranking sheet.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

Signature: 	<u>OIL CONSERVATION DIVISION</u>	
	Approved by Environmental Specialist: 	
Printed Name: Kelsey Christiansen	Approval Date: 12/7/2015	Expiration Date:
Title: Environmental Specialist	Conditions of Approval:	
E-mail Address: kelsey.christiansen@williams.com	Attached <input type="checkbox"/>	
Date: 11/09/15	Phone: (505) 632-4606	

* Attach Additional Sheets If Necessary

NCS 1534129391

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HAMNER #2 PIPELINE RELEASE				
Ranking Criteria	Ranking Score	Site-Based Ranking Score	Basis for Determination	Data Sources
Depth to Groundwater				
<50 feet	20	0	Pit remediation and closure report for the Hamner 2E wellsite located 100 feet south of the release location states depth to groundwater greater than 100 feet.	NMOCD Online database, Google Earth, and Visual Inspection
50-99 feet	10			
>100 feet	0			
Wellhead Protection Area				
<1,00 feet from water source, or <200 feet from private domestic water source	Yes = 20	0	No water source or recorded water wells within 1,000 feet radius of location. No private domestic water source within 200 feet radius of location.	NMOSE NMWRRS, Google Earth, and Visual Inspection
	No = 0			
Distance to Surface Water Body				
<200 horizontal feet	20	10	Unnamed wash located approximately 700 feet northwest of release location.	Google Earth and Visual Inspection
200 - 1,000 horizontal feet	10			
>1,000 horizontal feet	0			
Site Based Total Ranking Score		10		

NOV 20 2015

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accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

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Initial Report Final Report

Name of Company: Williams Four Corners LLC	Contact: Kelsey Christiansen
Address: 188 CR 4900, Bloomfield, NM 87413	Telephone No.: (505) 632-4606
Facility Name: Hamner #2 Pipeline	Facility Type: Pipeline

Surface Owner: Bureau of Land Management	Mineral Owner	API No.
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LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
L	28	29N	9W					San Juan

Latitude 36.69438° N Longitude -107.79134° W

NATURE OF RELEASE

Type of Release: Produced Water/Condensate	Volume of Release: 315 gallons produced water/condensate	Volume Recovered: 0 gallons
Source of Release: Pinhole on the pipeline	Date and Hour of Occurrence: Unknown	Date and Hour of Discovery: 11/03/15 at 10:00 AM MST
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour:	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

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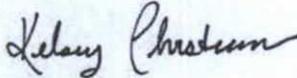
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Describe Area Affected and Cleanup Action Taken.*

Confirmation soil samples were collected to insure cleanup standards are met and are attached. Also attached is a site specific ranking sheet.

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OIL CONSERVATION DIVISION

Signature: 	Approved by Environmental Specialist:	
Printed Name: Kelsey Christiansen		
Title: Environmental Specialist	Approval Date: <u>12/03/2015</u>	Expiration Date:
E-mail Address: kelsey.christiansen@williams.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 11/17/15 Phone: (505) 632-4606		

* Attach Additional Sheets If Necessary

NOF 1535751887

11



Environmental Affairs
188 County Road 4900
Bloomfield, NM 87413
505/632-4600
505/632-4781 Fax

November 17, 2015

OIL CONS. DIV DIST. 3

NOV 20 2015

Mr. Cory Smith
New Mexico Oil Conservation Division
Energy, Minerals, & Natural Resources
1000 Rio Brazos
Aztec, NM 87410

RE: Copy of NMOCD final Form C-141 and supplemental documentation for Hamner #2
Pipeline Release
Section 28, Township 29 North, Range 9 West
San Juan County, New Mexico

Dear Mr. Smith:

Attached is a copy of the final NMOCD Form C-141 and supplemental documentation for the Williams Four Corners LLC (WFC) Hamner #2 Pipeline release of approximately 315 gallons of Condensate/Produced Water discovered on November 3, 2015.

Sincerely,

Kelsey Christiansen
Environmental Specialist

Attachments

Final Form C-141
Analytical Report 1511369

[Faint handwritten notes and signatures are visible in the background of this section.]



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

November 11, 2015

Kelsey Christiansen
Williams Field Services
188 Co. Rd 4900
Bloomfield, NM 87413
TEL:
FAX

RE: Hamner #2 Line Leak

OrderNo.: 1511369

Dear Kelsey Christiansen:

Hall Environmental Analysis Laboratory received 2 sample(s) on 11/10/2015 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 #NM0190

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman".

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1511369

Date Reported: 11/11/2015

CLIENT: Williams Field Services

Client Sample ID: Hamner #2 Bottom Compsite

Project: Hamner #2 Line Leak

Collection Date: 11/9/2015 2:00:00 PM

Lab ID: 1511369-001

Matrix: SOIL

Received Date: 11/10/2015 6:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	ND	30		mg/Kg	20	11/10/2015 11:08:27 AM	22269
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: KJH
Diesel Range Organics (DRO)	18	9.8		mg/Kg	1	11/10/2015 9:29:07 AM	22265
Surr: DNOP	98.4	70-130		%REC	1	11/10/2015 9:29:07 AM	22265
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	80	26		mg/Kg	5	11/10/2015 1:42:23 PM	R30136
Surr: BFB	98.1	75.4-113		%REC	5	11/10/2015 1:42:23 PM	R30136
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	0.14	0.13		mg/Kg	5	11/10/2015 1:42:23 PM	A30136
Toluene	1.8	0.26		mg/Kg	5	11/10/2015 1:42:23 PM	A30136
Ethylbenzene	0.37	0.26		mg/Kg	5	11/10/2015 1:42:23 PM	A30136
Xylenes, Total	4.2	0.51		mg/Kg	5	11/10/2015 1:42:23 PM	A30136
Surr: 4-Bromofluorobenzene	116	80-120		%REC	5	11/10/2015 1:42:23 PM	A30136

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
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Williams Field Services **Client Sample ID:** Hamner #2 Sidewalls
Project: Hamner #2 Line Leak **Collection Date:** 11/9/2015 2:10:00 PM
Lab ID: 1511369-002 **Matrix:** SOIL **Received Date:** 11/10/2015 6:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	45	30		mg/Kg	20	11/10/2015 11:20:51 AM	22269
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: KJH
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	11/10/2015 9:56:01 AM	22265
Surr: DNOP	96.6	70-130		%REC	1	11/10/2015 9:56:01 AM	22265
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.3		mg/Kg	1	11/10/2015 2:05:50 PM	R30136
Surr: BFB	88.6	75.4-113		%REC	1	11/10/2015 2:05:50 PM	R30136
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	0.047	0.043		mg/Kg	1	11/10/2015 2:05:50 PM	A30136
Toluene	0.23	0.043		mg/Kg	1	11/10/2015 2:05:50 PM	A30136
Ethylbenzene	ND	0.043		mg/Kg	1	11/10/2015 2:05:50 PM	A30136
Xylenes, Total	0.28	0.087		mg/Kg	1	11/10/2015 2:05:50 PM	A30136
Surr: 4-Bromofluorobenzene	112	80-120		%REC	1	11/10/2015 2:05:50 PM	A30136

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
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1511369

11-Nov-15

Client: Williams Field Services

Project: Hamner #2 Line Leak

Sample ID	MB-22269	SampType:	MBLK	TestCode:	EPA Method 300.0: Anions					
Client ID:	PBS	Batch ID:	22269	RunNo:	30148					
Prep Date:	11/10/2015	Analysis Date:	11/10/2015	SeqNo:	918734	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	LCS-22269	SampType:	LCS	TestCode:	EPA Method 300.0: Anions					
Client ID:	LCSS	Batch ID:	22269	RunNo:	30148					
Prep Date:	11/10/2015	Analysis Date:	11/10/2015	SeqNo:	918735	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.7	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
- R RPD outside accepted recovery limits
- 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 Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1511369
11-Nov-15

Client: Williams Field Services
Project: Hamner #2 Line Leak

Sample ID	MB-22265	SampType:	MBLK	TestCode:	EPA Method 8015M/D: Diesel Range Organics					
Client ID:	PBS	Batch ID:	22265	RunNo:	30123					
Prep Date:	11/10/2015	Analysis Date:	11/10/2015	SeqNo:	917659	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Surr: DNOP	8.3		10.00		83.3	70	130			

Sample ID	LCS-22265	SampType:	LCS	TestCode:	EPA Method 8015M/D: Diesel Range Organics					
Client ID:	LCSS	Batch ID:	22265	RunNo:	30123					
Prep Date:	11/10/2015	Analysis Date:	11/10/2015	SeqNo:	917660	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	44	10	50.00	0	87.1	57.4	139			
Surr: DNOP	3.9		5.000		78.7	70	130			

Sample ID	MB-22220	SampType:	MBLK	TestCode:	EPA Method 8015M/D: Diesel Range Organics					
Client ID:	PBS	Batch ID:	22220	RunNo:	30124					
Prep Date:	11/6/2015	Analysis Date:	11/10/2015	SeqNo:	917919	Units:	%REC			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	12		10.00		117	70	130			

Sample ID	LCS-22220	SampType:	LCS	TestCode:	EPA Method 8015M/D: Diesel Range Organics					
Client ID:	LCSS	Batch ID:	22220	RunNo:	30124					
Prep Date:	11/6/2015	Analysis Date:	11/10/2015	SeqNo:	917920	Units:	%REC			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	7.4		5.000		147	70	130			S

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 |
| R RPD outside accepted recovery limits | RL Reporting Detection Limit |
| S % Recovery outside of range due to dilution or matrix | |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1511369

11-Nov-15

Client: Williams Field Services

Project: Hamner #2 Line Leak

Sample ID	5ML RB	SampType:	MBLK	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	PBS	Batch ID:	R30136	RunNo:	30136					
Prep Date:		Analysis Date:	11/10/2015	SeqNo:	918410	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	870		1000		87.3	75.4	113			

Sample ID	2.5UG GRO LCS	SampType:	LCS	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	LCSS	Batch ID:	R30136	RunNo:	30136					
Prep Date:		Analysis Date:	11/10/2015	SeqNo:	918411	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	23	5.0	25.00	0	92.0	79.6	122			
Surr: BFB	930		1000		92.8	75.4	113			

Sample ID	MB-22241	SampType:	MBLK	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	PBS	Batch ID:	22241	RunNo:	30136					
Prep Date:	11/9/2015	Analysis Date:	11/10/2015	SeqNo:	918420	Units:	%REC			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	860		1000		85.6	75.4	113			

Sample ID	LCS-22241	SampType:	LCS	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	LCSS	Batch ID:	22241	RunNo:	30136					
Prep Date:	11/9/2015	Analysis Date:	11/10/2015	SeqNo:	918421	Units:	%REC			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	930		1000		92.7	75.4	113			

Qualifiers:

- | | |
|---|---|
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QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1511369
11-Nov-15

Client: Williams Field Services
Project: Hamner #2 Line Leak

Sample ID	5ML RB	SampType:	MBLK	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	PBS	Batch ID:	A30136	RunNo:	30136					
Prep Date:		Analysis Date:	11/10/2015	SeqNo:	918492	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.050								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.1		1.000		108	80	120			

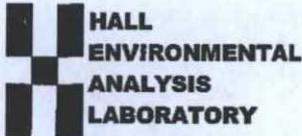
Sample ID	100NG BTEX LCS	SampType:	LCS	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	LCSS	Batch ID:	A30136	RunNo:	30136					
Prep Date:		Analysis Date:	11/10/2015	SeqNo:	918493	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.99	0.050	1.000	0	98.8	80	120			
Toluene	1.0	0.050	1.000	0	100	80	120			
Ethylbenzene	1.0	0.050	1.000	0	101	80	120			
Xylenes, Total	3.1	0.10	3.000	0	104	80	120			
Surr: 4-Bromofluorobenzene	1.2		1.000		117	80	120			

Sample ID	MB-22241	SampType:	MBLK	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	PBS	Batch ID:	22241	RunNo:	30136					
Prep Date:	11/9/2015	Analysis Date:	11/10/2015	SeqNo:	918501	Units:	%REC			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.1		1.000		109	80	120			

Sample ID	LCS-22241	SampType:	LCS	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	LCSS	Batch ID:	22241	RunNo:	30136					
Prep Date:	11/9/2015	Analysis Date:	11/10/2015	SeqNo:	918502	Units:	%REC			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.2		1.000		115	80	120			

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
- R RPD outside accepted recovery limits
- 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 Detection Limit



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

Sample Log-In Check List

Client Name: WILLIAMS FIELD SERVI

Work Order Number: 1511369

RcptNo: 1

Received by/date: AT 11/10/15

Logged By: **Anne Thorne** 11/10/2015 6:50:00 AM *Anne Thorne*

Completed By: **Anne Thorne** 11/10/2015 *Anne Thorne*

Reviewed By: *[Signature]* 11/10/15

Chain of Custody

- 1. Custody seals intact on sample bottles? Yes No Not Present
- 2. Is Chain of Custody complete? Yes No Not Present
- 3. How was the sample delivered? Courier

Log In

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

of preserved bottles checked for pH: _____
 (<2 or >12 unless noted)
 Adjusted? _____
 Checked by: _____

Special Handling (if applicable)

- 16. Was client notified of all discrepancies with this order? Yes No NA

Person Notified:		Date:		
By Whom:		Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person	
Regarding:				
Client Instructions:				

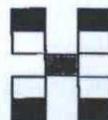
17. Additional remarks:

18. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.3	Good	Yes			

Chain-of-Custody Record

Turn-Around Time: Same Day
 Standard Rush 11-10-15



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Client: WFS

Project Name: HAMNER #2 LINE LEAK

Mailing Address: 182 CR 4900

Project #: _____

3100M Field NM 87413

Phone #: 505-215-7433

Email or Fax#: Kelsey.Christiansen@williams.com

Project Manager: Kelsey Christiansen

A/QC Package: Standard Level 4 (Full Validation)

Sampler: Morgan Killior

Accreditation: NELAP Other _____

On Ice: Yes No

EDD (Type): _____

Sample Temperature: 1.3

Date	Time	Matrix	Sample Request ID	As 111mls Container Type and #	Preservative Type	HEAL No
9/15	1400	Soil	<u>HAMNER #2 Bottom composite</u>	<u>Meat Kit</u>	<u>Cool</u>	<u>1511369</u>
9/15	1410	Soil	<u>HAMNER #2 Sidewalls</u>	<u>Meat Kit</u>	<u>Cool</u>	<u>202</u>

Analysis Request											
BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions (F, Cl, NO ₃ , NO ₂ , PO ₄ , SO ₄)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	Air Bubbles (Y or N)
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>								<u>Chloride</u>	

Date:	Time:	Relinquished by:	Received by:	Date	Time
9/15	1555	<u>Mary Zaccaro</u>	<u>Christine Waller</u>	11/9/15	1555

Date:	Time:	Relinquished by:	Received by:	Date	Time
9/15	1812	<u>Christine Waller</u>	<u>Christine Waller</u>	11/10/15	0650

Remarks: _____

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly noted on the analytical report.

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

Form C-141
Revised August 8, 2011

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR Initial Report Final Report

Name of Company: Williams Four Corners LLC	Contact: Kelsey Christiansen
Address: 188 CR 4900, Bloomfield, NM 87413	Telephone No.: (505) 632-4606
Facility Name: Breech D 240 E Pipeline	Facility Type: Pipeline

Surface Owner: Bureau of Land Management	Mineral Owner	API No.
--	---------------	---------

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
G	15	26N	6W					San Juan

Latitude 36.48972°N Longitude -107.45400°W

NATURE OF RELEASE

Type of Release: Natural Gas	Volume of Release: Approximately 62 MCF Natural Gas	Volume Recovered: 0 MCF
Source of Release: Pinhole on the pipeline	Date and Hour of Occurrence: Unknown	Date and Hour of Discovery: 11/25/15 at 02:30 PM MST
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour:	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

OIL CONS. DIV DIST. 3

DEC 14 2015

If a Watercourse was Impacted, Describe Fully.*

Not Applicable

Describe Cause of Problem and Remedial Action Taken.*

On November 25, 2015 Williams leak survey crew discovered a suspected pinhole leak on the Breech D 240 E Pipeline which caused the release of approximately 62 MCF natural gas. Repairs were safely made to the pipeline.

Describe Area Affected and Cleanup Action Taken.*

Confirmation soil samples will be collected to insure cleanup standards are met and a final C-141 will be submitted once lab analytical results are available.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

OIL CONSERVATION DIVISION

Signature: 	Approved by Environmental Specialist: 	
Printed Name: Kelsey Christiansen	Approval Date: <u>12/23/2015</u>	Expiration Date:
Title: Environmental Specialist	Conditions of Approval:	
E-mail Address: kelsey.christiansen@williams.com	Attached <input type="checkbox"/>	
Date: 12/10/15 Phone: (505) 632-4606		

* Attach Additional Sheets If Necessary

NUF 1535738238

1

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

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

Form C-141
Revised August 8, 2011

Submit 1 Copy to appropriate District Office in
accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

Name of Company: Williams Four Corners LLC	Contact: Kelsey Christiansen
Address: 188 CR 4900, Bloomfield, NM 87413	Telephone No.: (505) 632-4606
Facility Name: Dogie Compressor Station	Facility Type: Pipeline

Surface Owner: Bureau of Land Management	Mineral Owner	API No.
--	---------------	---------

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
D	4	25N	6W					Rio Arriba

Latitude 36.43348° N Longitude -107.48061° W

NATURE OF RELEASE

Type of Release: Natural Gas	Volume of Release: 70 MCF Natural Gas	Volume Recovered: 0 MCF Natural gas
Source of Release: Pinhole	Date and Hour of Occurrence: Estimated 10/18/15 at 06:30 AM MST	Date and Hour of Discovery: Estimated 10/18/15 at 06:30 AM MST
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour:	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Not Applicable

OIL CONS. DIV DIST. 3

OCT 29 2015

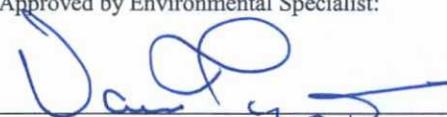
Describe Cause of Problem and Remedial Action Taken.*

Williams' operations tech discovered a passive release from a dump controller on the slug catcher and blowdown the receiver to isolate the controller. The controller was replaced to prevent further loss of natural gas. The passive release was calculated to be approximately 20 MCF and the blowdown volume was calculated to be 50 MCF natural gas.

Describe Area Affected and Cleanup Action Taken.*

No cleanup required on natural gas releases vented to atmosphere.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

Signature: 	<u>OIL CONSERVATION DIVISION</u>	
	Approved by Environmental Specialist: 	
Printed Name: Kelsey Christiansen	Approval Date: <u>12/23/2015</u>	Expiration Date:
Title: Environmental Specialist	Conditions of Approval:	
E-mail Address: kelsey.christiansen@williams.com	Attached <input type="checkbox"/>	
Date: 10/26/15	Phone: (505) 632-4606	

* Attach Additional Sheets If Necessary

NUF 1535739536

①

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
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1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Form C-141
Revised August 8, 2011

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

Name of Company: Williams Four Corners LLC	Contact: Kelsey Christiansen
Address: 188 CR 4900, Bloomfield, NM 87413	Telephone No.: (505) 632-4606
Facility Name: 29-6#2 Central Delivery Point	Facility Type: Central Delivery Point

Surface Owner: Private	Mineral Owner	API No.
------------------------	---------------	---------

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
A	19	29N	6W					Rio Arriba

Latitude 36.74497° N Longitude -107.44417° W

NATURE OF RELEASE

Type of Release: Natural Gas	Volume of Release: 128 MCF	Volume Recovered: 0 MCF
Source of Release: Pressure Safety Valve (PSV)	Date and Hour of Occurrence: 12/01/2015 at 8:00 AM MST	Date and Hour of Discovery: 12/01/2015 at 8:00 AM MST
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour:	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

OIL CONS. DIV DIST. 3

DEC 16 2015

If a Watercourse was Impacted, Describe Fully.*
Not Applicable

Describe Cause of Problem and Remedial Action Taken.*
An Inlet slug receiver pressure safety valve froze open causing the release of approximately 128 MCF natural gas. The Op Tech on site manually isolated the leak and put it back in service. He also added insulation to the area of concern with extra bubble wrap to prevent a future similar release.

Describe Area Affected and Cleanup Action Taken.*
No clean-up required for natural gas releases.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

Signature: 	<u>OIL CONSERVATION DIVISION</u>	
	Approved by Environmental Specialist: 	
Printed Name: Kelsey Christiansen	Approval Date: 12/23/2015	Expiration Date:
Title: Environmental Specialist	Conditions of Approval:	Attached <input type="checkbox"/>
E-mail Address: kelsey.christiansen@williams.com		
Date: 12/01/2015 Phone: (505) 632-4606		

* Attach Additional Sheets If Necessary

NVF1535741518

①

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

Form C-141
Revised August 8, 2011

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR Initial Report Final Report

Name of Company Williams Four Corners LLC	Contact Kelsey Christiansen
Address 188 CR 4900, Bloomfield, NM 87413	Telephone No. 505-632-4606
Facility Name Pump Mesa Compressor Station	Facility Type Compressor Station

Surface Owner Bureau of Land Management	Mineral Owner	API No.
---	---------------	---------

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
O	14	31N	8W					San Juan

Latitude 36.89235 N Longitude 107.64344 W

NATURE OF RELEASE

Type of Release Natural Gas	Volume of Release 132 MCF	Volume Recovered 0 MCF
Source of Release Facility Emergency Shut Down	Date and Hour of Occurrence 11/30/2015, 3:25 AM MST	Date and Hour of Discovery 11/30/2015, 3:25 AM MST
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Not Applicable

OIL CONS. DIV DIST. 3

DEC 16 2015

Describe Cause of Problem and Remedial Action Taken.*

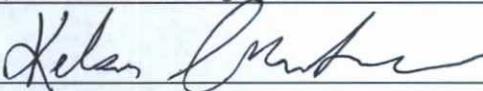
Pump Mesa experienced an unplanned ESD venting. The volume of natural gas released to atmosphere was 132 MCF.

Describe Area Affected and Cleanup Action Taken.*

No cleanup required with gas releases vented to atmosphere.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

OIL CONSERVATION DIVISION

Signature: 	Approved by Environmental Specialist: 	
Printed Name: Kelsey Christiansen	Approval Date: 12/23/2015	Expiration Date:
Title: Environmental Specialist	Conditions of Approval:	
E-mail Address: Kelsey.christiansen@williams.com	Attached <input type="checkbox"/>	
Date: 12/11/2015	Phone: 505-632-4606	

* Attach Additional Sheets If Necessary

NOF1535742800

NOV 19 2015

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
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1000 Rio Brazos Road, Aztec, NM 87410
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State of New Mexico
Energy Minerals and Natural Resources

Form C-141
Revised August 8, 2011

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

Submit 1 Copy to appropriate District Office in
accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

Name of Company: Williams Four Corners LLC	Contact: Kelsey Christiansen
Address: 188 CR 4900, Bloomfield, NM 87413	Telephone No.: (505) 632-4606
Facility Name: Milagro Cogeneration & Gas Plant	Facility Type: Facility
Surface Owner: Williams	Mineral Owner
API No.	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
O	12	29N	11W					San Juan

Latitude 36.735966° N Longitude -107.942329° W

NATURE OF RELEASE

Type of Release: Amine	Volume of Release: 1,050 gallons Amine	Volume Recovered: 800 gallons
Source of Release: Vent Stack	Date and Hour of Occurrence: 09/28/2015 at 01:00 PM MST	Date and Hour of Discovery: 09/28/2015 at 01:00 PM MST
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Brandon Powell, NMOCD	
By Whom? Kelsey Christiansen	Date and Hour: 09/28/2015 at 05:58 PM MST	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

N/A

Describe Cause of Problem and Remedial Action Taken.*

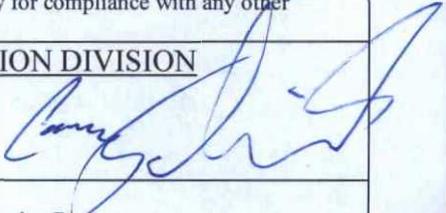
The level switch on Train 4 at the Williams Milagro Plant failed and caused amine/water mixture to release through the vent stack. The train was shut down to prevent any further release of product and the issue was resolved. Berms to contain the mixture were immediately and appropriately built. Pumps were utilized to recover the amine/water mix.

Describe Area Affected and Cleanup Action Taken.*

Hand excavation of impacted area occurred and confirmation soil samples were collected to determine acceptable cleanup standards are met. Samples were broken in to three composite areas with a 5-point composite configuration for each area. Samples were run for the following parameters; Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) via method 8021, Total petroleum hydrocarbons (TPH) via Method 8015, and Chlorides via Method 300. The laboratory analytical results are non-detect for all contaminants of concern and are attached.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

OIL CONSERVATION DIVISION

Signature: 	Approved by Environmental Specialist: 	
Printed Name: Kelsey Christiansen	Approval Date: 12/30/15	Expiration Date:
Title: Environmental Specialist	Conditions of Approval:	
E-mail Address: Kelsey.christiansen@williams.com	Attached <input type="checkbox"/>	
Date: 11/16/2015	Phone: (505) 632-4606	

* Attach Additional Sheets If Necessary

#NCS15 31329518

⑥



Environmental Affairs
188 County Road 4900
Bloomfield, NM 87413
505/632-4600
505/632-4781 Fax

November 16, 2015

OIL CONS. DIV DIST. 3

NOV 19 2015

Mr. Cory Smith
New Mexico Oil Conservation Division
Energy, Minerals, & Natural Resources
1000 Rio Brazos
Aztec, NM 87410

RE: Copy of NMOCD final Form C-141 and supplemental documentation for Milagro Gas Plant Amine Release, 09-28-15
Section 12, Township 29 North, Range 11 West
San Juan County, New Mexico

Dear Mr. Smith:

Attached is a copy of the final NMOCD Form C-141 and supplemental documentation for the Williams Four Corners LLC (WFC) Milagro Gas Plant release of approximately 1,050 gallons of Amine on August 30, 2015.

Sincerely,

Kelsey Christiansen
Environmental Specialist

Attachments

Final Form C-141
Analytical Report 1510A84



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

November 03, 2015

Kelsey Christiansen
Williams Field Services
188 Co. Rd 4900
Bloomfield, NM 87413
TEL: (505) 632-4442
FAX

OIL CONS. DIV DIST. 3

NOV 19 2015

RE: Milagro Train #4

OrderNo.: 1510A84

Dear Kelsey Christiansen:

Hall Environmental Analysis Laboratory received 3 sample(s) on 10/23/2015 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 #NM0190

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman".

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Williams Field Services
Project: Milagro Train #4
Lab ID: 1510A84-001

Client Sample ID: Area 1
Collection Date: 10/22/2015 12:50:00 PM
Received Date: 10/23/2015 7:00:00 AM

Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	ND	30		mg/Kg	20	10/28/2015 2:39:57 PM	22066
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: KJH
Diesel Range Organics (DRO)	66	9.6		mg/Kg	1	10/27/2015 2:54:40 PM	21997
Surr: DNOP	110	70-130		%REC	1	10/27/2015 2:54:40 PM	21997
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/26/2015 10:46:00 PM	21994
Surr: BFB	88.1	75.4-113		%REC	1	10/26/2015 10:46:00 PM	21994
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.048		mg/Kg	1	10/26/2015 10:46:00 PM	21994
Toluene	ND	0.048		mg/Kg	1	10/26/2015 10:46:00 PM	21994
Ethylbenzene	ND	0.048		mg/Kg	1	10/26/2015 10:46:00 PM	21994
Xylenes, Total	ND	0.095		mg/Kg	1	10/26/2015 10:46:00 PM	21994
Surr: 4-Bromofluorobenzene	103	80-120		%REC	1	10/26/2015 10:46:00 PM	21994

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
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	

Analytical Report

Lab Order 1510A84

Date Reported: 11/3/2015

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Williams Field Services

Client Sample ID: Area 3

Project: Milagro Train #4

Collection Date: 10/22/2015 1:00:00 PM

Lab ID: 1510A84-002

Matrix: SOIL

Received Date: 10/23/2015 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	ND	30		mg/Kg	20	10/29/2015 9:04:05 PM	22066
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: KJH
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	10/27/2015 3:16:04 PM	21997
Surr: DNOP	105	70-130		%REC	1	10/27/2015 3:16:04 PM	21997
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/26/2015 11:09:16 PM	21994
Surr: BFB	87.4	75.4-113		%REC	1	10/26/2015 11:09:16 PM	21994
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.049		mg/Kg	1	10/26/2015 11:09:16 PM	21994
Toluene	ND	0.049		mg/Kg	1	10/26/2015 11:09:16 PM	21994
Ethylbenzene	ND	0.049		mg/Kg	1	10/26/2015 11:09:16 PM	21994
Xylenes, Total	ND	0.098		mg/Kg	1	10/26/2015 11:09:16 PM	21994
Surr: 4-Bromofluorobenzene	102	80-120		%REC	1	10/26/2015 11:09:16 PM	21994

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
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	

Analytical Report

Lab Order 1510A84

Date Reported: 11/3/2015

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Williams Field Services

Client Sample ID: Area 2

Project: Milagro Train #4

Collection Date: 10/22/2015 1:15:00 PM

Lab ID: 1510A84-003

Matrix: SOIL

Received Date: 10/23/2015 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	ND	30		mg/Kg	20	10/29/2015 9:16:29 PM	22066
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: KJH
Diesel Range Organics (DRO)	11	9.6		mg/Kg	1	10/27/2015 3:59:13 PM	21997
Surr: DNOP	124	70-130		%REC	1	10/27/2015 3:59:13 PM	21997
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/26/2015 11:32:24 PM	21994
Surr: BFB	87.2	75.4-113		%REC	1	10/26/2015 11:32:24 PM	21994
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.048		mg/Kg	1	10/26/2015 11:32:24 PM	21994
Toluene	ND	0.048		mg/Kg	1	10/26/2015 11:32:24 PM	21994
Ethylbenzene	ND	0.048		mg/Kg	1	10/26/2015 11:32:24 PM	21994
Xylenes, Total	ND	0.096		mg/Kg	1	10/26/2015 11:32:24 PM	21994
Surr: 4-Bromofluorobenzene	102	80-120		%REC	1	10/26/2015 11:32:24 PM	21994

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
R	RPD outside accepted recovery limits	RL Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: 1510A84
 03-Nov-15

Client: Williams Field Services
Project: Milagro Train #4

Sample ID	MB-22066	SampType:	MBLK	TestCode:	EPA Method 300.0: Anions					
Client ID:	PBS	Batch ID:	22066	RunNo:	29872					
Prep Date:	10/28/2015	Analysis Date:	10/28/2015	SeqNo:	909875	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	LCS-22066	SampType:	LCS	TestCode:	EPA Method 300.0: Anions					
Client ID:	LCSS	Batch ID:	22066	RunNo:	29872					
Prep Date:	10/28/2015	Analysis Date:	10/28/2015	SeqNo:	909876	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.0	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
- R RPD outside accepted recovery limits
- 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 Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1510A84
03-Nov-15

Client: Williams Field Services
Project: Milagro Train #4

Sample ID	MB-21997	SampType:	MBLK	TestCode:	EPA Method 8015M/D: Diesel Range Organics					
Client ID:	PBS	Batch ID:	21997	RunNo:	29808					
Prep Date:	10/23/2015	Analysis Date:	10/27/2015	SeqNo:	908118	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Surr: DNOP	10		10.00		103	70	130			

Sample ID	LCS-21997	SampType:	LCS	TestCode:	EPA Method 8015M/D: Diesel Range Organics					
Client ID:	LCSS	Batch ID:	21997	RunNo:	29808					
Prep Date:	10/23/2015	Analysis Date:	10/27/2015	SeqNo:	908277	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	50	10	50.00	0	99.1	57.4	139			
Surr: DNOP	5.4		5.000		108	70	130			

Sample ID	MB-22045	SampType:	MBLK	TestCode:	EPA Method 8015M/D: Diesel Range Organics					
Client ID:	PBS	Batch ID:	22045	RunNo:	29840					
Prep Date:	10/27/2015	Analysis Date:	10/28/2015	SeqNo:	908870	Units:	%REC			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	11		10.00		106	70	130			

Sample ID	LCS-22045	SampType:	LCS	TestCode:	EPA Method 8015M/D: Diesel Range Organics					
Client ID:	LCSS	Batch ID:	22045	RunNo:	29840					
Prep Date:	10/27/2015	Analysis Date:	10/28/2015	SeqNo:	908871	Units:	%REC			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	5.6		5.000		113	70	130			

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 |
| R RPD outside accepted recovery limits | RL Reporting Detection Limit |
| S % Recovery outside of range due to dilution or matrix | |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1510A84
03-Nov-15

Client: Williams Field Services
Project: Milagro Train #4

Sample ID MB-21994	SampType: MBLK		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: PBS	Batch ID: 21994		RunNo: 29787							
Prep Date: 10/23/2015	Analysis Date: 10/26/2015		SeqNo: 907566				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	870		1000		87.3	75.4	113			

Sample ID LCS-21994	SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: LCSS	Batch ID: 21994		RunNo: 29787							
Prep Date: 10/23/2015	Analysis Date: 10/26/2015		SeqNo: 907567				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	103	79.6	122			
Surr: BFB	940		1000		94.3	75.4	113			

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 |
| R RPD outside accepted recovery limits | RL Reporting Detection Limit |
| S % Recovery outside of range due to dilution or matrix | |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1510A84

03-Nov-15

Client: Williams Field Services

Project: Milagro Train #4

Sample ID	MB-21994	SampType:	MBLK	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	PBS	Batch ID:	21994	RunNo:	29787					
Prep Date:	10/23/2015	Analysis Date:	10/26/2015	SeqNo:	907595	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.050								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.0		1.000		105	80	120			

Sample ID	LCS-21994	SampType:	LCS	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	LCSS	Batch ID:	21994	RunNo:	29787					
Prep Date:	10/23/2015	Analysis Date:	10/26/2015	SeqNo:	907596	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.050	1.000	0	102	80	120			
Toluene	0.92	0.050	1.000	0	92.0	80	120			
Ethylbenzene	0.89	0.050	1.000	0	89.3	80	120			
Xylenes, Total	2.7	0.10	3.000	0	89.7	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		109	80	120			

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
- R RPD outside accepted recovery limits
- 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 Detection Limit

Sample Log-In Check List

Client Name: WILLIAMS FIELD SERVI

Work Order Number: 1510A84

RcptNo: 1

Received by/date:

[Signature] 10/23/15

Logged By: Lindsay Mangin

10/23/2015 7:00:00 AM

[Signature]

Completed By: Lindsay Mangin

10/23/2015 8:14:47 AM

[Signature]

Reviewed By:

[Signature]

10/23/15

Chain of Custody

- 1. Custody seals intact on sample bottles? Yes No Not Present
- 2. Is Chain of Custody complete? Yes No Not Present
- 3. How was the sample delivered? Courier

Log In

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

of preserved bottles checked for pH
 (<2 or >12 unless noted)
 Adjusted? _____
 Checked by: _____

Special Handling (if applicable)

- 16. 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: _____

17. Additional remarks:

18. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.2	Good	Yes			

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

OIL CONS. DIV DIST. 3

Form C-141
Revised August 8, 2011

JAN 12 2016
Submit 1 Copy to appropriate District Office in
accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

Name of Company Williams Four Corners LLC	Contact Kelsey Christiansen
Address 188 CR 4900, Bloomfield, NM 87413	Telephone No. 505-632-4606
Facility Name La Jara Compressor Station	Facility Type Compressor Station

Surface Owner Bureau of Land Management	Mineral Owner	API No.
---	---------------	---------

LOCATION OF RELEASE

Unit Letter M	Section 1	Township 30N	Range 9W	Feet from the	North/South Line	Feet from the	East/West Line	County San Juan
------------------	--------------	-----------------	-------------	---------------	------------------	---------------	----------------	--------------------

Latitude 36.81754° N Longitude 107.49144° W

NATURE OF RELEASE

Type of Release Natural Gas	Volume of Release 1,442 MCF	Volume Recovered 0 MCF
Source of Release Pressure Relief Valve	Date and Hour of Occurrence 07/29/15, 09:45 AM MST	Date and Hour of Discovery 07/29/15, 09:45 AM MST
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Jonathan Kelly, NMOCD Shari Ketcham, BLM	
By Whom? Kelsey Christiansen	Date and Hour: 7/30/15 at 12:00 AM MST	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Not Applicable

Describe Cause of Problem and Remedial Action Taken.*

The pressure relief nozzle at the Williams La Jara Compressor Station incurred a weld failure due to high pressure. This caused the release of a total of 1,442 MCF natural gas vented to atmosphere. The facility was emergency shut down to de-pressure the valve and secure the nozzle source.

Describe Area Affected and Cleanup Action Taken.*

No clean-up required for natural gas releases vented to atmosphere.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

Signature: 	OIL CONSERVATION DIVISION	
	Approved by Environmental Specialist 	
Printed Name: Kelsey Christiansen	Approval Date: 1/20/2016	Expiration Date:
Title: Environmental Specialist	Conditions of Approval:	Attached <input type="checkbox"/>
E-mail Address: kelsey.christiansen@williams.com		
Date: 08/6/15	Phone: 505-632-4606	

* Attach Additional Sheets If Necessary

NJK1521538803

①

JAN 12 2016

Form C-141
Revised August 8, 2011

District I
1625 N. French Dr., Hobbs, NM 88240
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State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

Name of Company: Williams Four Corners LLC	Contact: Kelsey Christiansen
Address: 188 CR 4900, Bloomfield, NM 87413	Telephone No.: (505) 632-4606
Facility Name: Hamner #2 Pipeline	Facility Type: Pipeline
Surface Owner: Bureau of Land Management	Mineral Owner
API No.	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
L	28	29N	9W					San Juan

Latitude 36.69438° N Longitude -107.79134° W

NATURE OF RELEASE

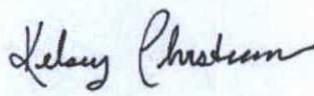
Type of Release: Produced Water/Condensate	Volume of Release: 315 gallons produced water/condensate	Volume Recovered: 0 gallons
Source of Release: Pinhole on the pipeline	Date and Hour of Occurrence: Unknown	Date and Hour of Discovery: 11/03/15 at 10:00 AM MST
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour:	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*
Not Applicable

Describe Cause of Problem and Remedial Action Taken.*
On October 21, 2015 Williams leak survey crew discovered a suspected pinhole leak on the Hamner #2 Pipeline which caused the release of a non-reportable amount of natural gas. Once repairs and excavation was complete environmental did a site visit to estimate the amount of liquid associated with impacted soil.

Describe Area Affected and Cleanup Action Taken.*
Confirmation soil samples were collected to insure cleanup standards are met and are attached.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

Signature: 	<u>OIL CONSERVATION DIVISION</u>	
	Approved by Environmental Specialist: 	
Printed Name: Kelsey Christiansen	Approval Date: <u>1/20/2016</u>	Expiration Date:
Title: Environmental Specialist	Conditions of Approval:	
E-mail Address: kelsey.christiansen@williams.com	Attached <input type="checkbox"/>	
Date: 11/17/15 Phone: (505) 632-4606	<u>NCS 1534129391</u>	

* Attach Additional Sheets If Necessary

10



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

November 11, 2015

Kelsey Christiansen
Williams Field Services
188 Co. Rd 4900
Bloomfield, NM 87413
TEL:
FAX

RE: Hamner #2 Line Leak

OrderNo.: 1511369

Dear Kelsey Christiansen:

Hall Environmental Analysis Laboratory received 2 sample(s) on 11/10/2015 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 qualifers 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 #NM0190

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.

CLIENT: Williams Field Services
Project: Hamner #2 Line Leak
Lab ID: 1511369-001

Matrix: SOIL

Client Sample ID: Hamner #2 Bottom Compsite
Collection Date: 11/9/2015 2:00:00 PM
Received Date: 11/10/2015 6:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	ND	30		mg/Kg	20	11/10/2015 11:08:27 AM	22269
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: KJH
Diesel Range Organics (DRO)	18	9.8		mg/Kg	1	11/10/2015 9:29:07 AM	22265
Surr: DNOP	98.4	70-130		%REC	1	11/10/2015 9:29:07 AM	22265
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	80	26		mg/Kg	5	11/10/2015 1:42:23 PM	R30136
Surr: BFB	98.1	75.4-113		%REC	5	11/10/2015 1:42:23 PM	R30136
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	0.14	0.13		mg/Kg	5	11/10/2015 1:42:23 PM	A30136
Toluene	1.8	0.26		mg/Kg	5	11/10/2015 1:42:23 PM	A30136
Ethylbenzene	0.37	0.26		mg/Kg	5	11/10/2015 1:42:23 PM	A30136
Xylenes, Total	4.2	0.51		mg/Kg	5	11/10/2015 1:42:23 PM	A30136
Surr: 4-Bromofluorobenzene	116	80-120		%REC	5	11/10/2015 1:42:23 PM	A30136

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
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	

Analytical Report

Lab Order 1511369

Date Reported: 11/11/2015

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Williams Field Services

Client Sample ID: Hamner #2 Sidewalls

Project: Hamner #2 Line Leak

Collection Date: 11/9/2015 2:10:00 PM

Lab ID: 1511369-002

Matrix: SOIL

Received Date: 11/10/2015 6:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							
Analyst: LGT							
Chloride	45	30		mg/Kg	20	11/10/2015 11:20:51 AM	22269
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							
Analyst: KJH							
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	11/10/2015 9:56:01 AM	22265
Surr: DNOP	96.6	70-130		%REC	1	11/10/2015 9:56:01 AM	22265
EPA METHOD 8015D: GASOLINE RANGE							
Analyst: NSB							
Gasoline Range Organics (GRO)	ND	4.3		mg/Kg	1	11/10/2015 2:05:50 PM	R30136
Surr: BFB	88.6	75.4-113		%REC	1	11/10/2015 2:05:50 PM	R30136
EPA METHOD 8021B: VOLATILES							
Analyst: NSB							
Benzene	0.047	0.043		mg/Kg	1	11/10/2015 2:05:50 PM	A30136
Toluene	0.23	0.043		mg/Kg	1	11/10/2015 2:05:50 PM	A30136
Ethylbenzene	ND	0.043		mg/Kg	1	11/10/2015 2:05:50 PM	A30136
Xylenes, Total	0.28	0.087		mg/Kg	1	11/10/2015 2:05:50 PM	A30136
Surr: 4-Bromofluorobenzene	112	80-120		%REC	1	11/10/2015 2:05:50 PM	A30136

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

<p>Qualifiers:</p> <ul style="list-style-type: none"> * 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 R RPD outside accepted recovery limits S % Recovery outside of range due to dilution or matrix 	<ul style="list-style-type: none"> 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 Detection Limit
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QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1511369

11-Nov-15

Client: Williams Field Services

Project: Hamner #2 Line Leak

Sample ID	MB-22269	SampType:	MBLK	TestCode:	EPA Method 300.0: Anions					
Client ID:	PBS	Batch ID:	22269	RunNo:	30148					
Prep Date:	11/10/2015	Analysis Date:	11/10/2015	SeqNo:	918734	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	LCS-22269	SampType:	LCS	TestCode:	EPA Method 300.0: Anions					
Client ID:	LCSS	Batch ID:	22269	RunNo:	30148					
Prep Date:	11/10/2015	Analysis Date:	11/10/2015	SeqNo:	918735	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.7	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
- R RPD outside accepted recovery limits
- 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 Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1511369

11-Nov-15

Client: Williams Field Services

Project: Hamner #2 Line Leak

Sample ID MB-22265	SampType: MBLK		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: PBS	Batch ID: 22265		RunNo: 30123							
Prep Date: 11/10/2015	Analysis Date: 11/10/2015		SeqNo: 917659		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Surr: DNOP	8.3		10.00		83.3	70	130			

Sample ID LCS-22265	SampType: LCS		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 22265		RunNo: 30123							
Prep Date: 11/10/2015	Analysis Date: 11/10/2015		SeqNo: 917660		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	44	10	50.00	0	87.1	57.4	139			
Surr: DNOP	3.9		5.000		78.7	70	130			

Sample ID MB-22220	SampType: MBLK		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: PBS	Batch ID: 22220		RunNo: 30124							
Prep Date: 11/6/2015	Analysis Date: 11/10/2015		SeqNo: 917919		Units: %REC					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	12		10.00		117	70	130			

Sample ID LCS-22220	SampType: LCS		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 22220		RunNo: 30124							
Prep Date: 11/6/2015	Analysis Date: 11/10/2015		SeqNo: 917920		Units: %REC					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	7.4		5.000		147	70	130			S

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
- R RPD outside accepted recovery limits
- 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 Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1511369
11-Nov-15

Client: Williams Field Services
Project: Hamner #2 Line Leak

Sample ID	5ML RB	SampType:	MBLK	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	PBS	Batch ID:	R30136	RunNo:	30136					
Prep Date:		Analysis Date:	11/10/2015	SeqNo:	918410	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	870		1000		87.3	75.4	113			

Sample ID	2.5UG GRO LCS	SampType:	LCS	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	LCSS	Batch ID:	R30136	RunNo:	30136					
Prep Date:		Analysis Date:	11/10/2015	SeqNo:	918411	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	23	5.0	25.00	0	92.0	79.6	122			
Surr: BFB	930		1000		92.8	75.4	113			

Sample ID	MB-22241	SampType:	MBLK	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	PBS	Batch ID:	22241	RunNo:	30136					
Prep Date:	11/9/2015	Analysis Date:	11/10/2015	SeqNo:	918420	Units:	%REC			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	860		1000		85.6	75.4	113			

Sample ID	LCS-22241	SampType:	LCS	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	LCSS	Batch ID:	22241	RunNo:	30136					
Prep Date:	11/9/2015	Analysis Date:	11/10/2015	SeqNo:	918421	Units:	%REC			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	930		1000		92.7	75.4	113			

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 |
| R RPD outside accepted recovery limits | RL Reporting Detection Limit |
| S % Recovery outside of range due to dilution or matrix | |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1511369
11-Nov-15

Client: Williams Field Services

Project: Hamner #2 Line Leak

Sample ID	5ML RB		SampType:	MBLK		TestCode:	EPA Method 8021B: Volatiles				
Client ID:	PBS		Batch ID:	A30136		RunNo:	30136				
Prep Date:			Analysis Date:	11/10/2015		SeqNo:	918492		Units: mg/Kg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	ND	0.050									
Toluene	ND	0.050									
Ethylbenzene	ND	0.050									
Xylenes, Total	ND	0.10									
Surr: 4-Bromofluorobenzene	1.1		1.000		108	80	120				

Sample ID	100NG BTEX LCS		SampType:	LCS		TestCode:	EPA Method 8021B: Volatiles				
Client ID:	LCSS		Batch ID:	A30136		RunNo:	30136				
Prep Date:			Analysis Date:	11/10/2015		SeqNo:	918493		Units: mg/Kg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	0.99	0.050	1.000	0	98.8	80	120				
Toluene	1.0	0.050	1.000	0	100	80	120				
Ethylbenzene	1.0	0.050	1.000	0	101	80	120				
Xylenes, Total	3.1	0.10	3.000	0	104	80	120				
Surr: 4-Bromofluorobenzene	1.2		1.000		117	80	120				

Sample ID	MB-22241		SampType:	MBLK		TestCode:	EPA Method 8021B: Volatiles				
Client ID:	PBS		Batch ID:	22241		RunNo:	30136				
Prep Date:	11/9/2015		Analysis Date:	11/10/2015		SeqNo:	918501		Units: %REC		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Surr: 4-Bromofluorobenzene	1.1		1.000		109	80	120				

Sample ID	LCS-22241		SampType:	LCS		TestCode:	EPA Method 8021B: Volatiles				
Client ID:	LCSS		Batch ID:	22241		RunNo:	30136				
Prep Date:	11/9/2015		Analysis Date:	11/10/2015		SeqNo:	918502		Units: %REC		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Surr: 4-Bromofluorobenzene	1.2		1.000		115	80	120				

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 |
| R RPD outside accepted recovery limits | RL Reporting Detection Limit |
| S % Recovery outside of range due to dilution or matrix | |



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

Sample Log-In Check List

Client Name: WILLIAMS FIELD SERVI

Work Order Number: 1511369

RcptNo: 1

Received by/date: AT 11/10/15

Logged By: Anne Thorne 11/10/2015 6:50:00 AM *Anne Thorne*

Completed By: Anne Thorne 11/10/2015 *Anne Thorne*

Reviewed By: *[Signature]* 11/10/15

Chain of Custody

- 1. Custody seals intact on sample bottles? Yes No Not Present
- 2. Is Chain of Custody complete? Yes No Not Present
- 3. How was the sample delivered? Courier

Log In

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

of preserved bottles checked for pH: _____
 (<2 or >12 unless noted)
 Adjusted? _____
 Checked by: _____

Special Handling (if applicable)

- 16. Was client notified of all discrepancies with this order? Yes No NA

Person Notified:	<input type="text"/>	Date:	<input type="text"/>
By Whom:	<input type="text"/>	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	<input type="text"/>		
Client Instructions:	<input type="text"/>		

17. Additional remarks:

18. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.3	Good	Yes			

