

3R-1013

**Release Report/ General
Correspondence**

Williams SJ

Date: Jan-Mar 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

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: Trunk A Extension	Facility Type: Pipeline
Surface Owner: BLM	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
N	03	31N	12W					San Juan

Latitude 36.92308° N Longitude -108.08637° W

NATURE OF RELEASE

Type of Release: Natural Gas	Volume of Release: 2,137 MCF Natural Gas	Volume Recovered: 0 MCF Natural gas
Source of Release: Ball Valve	Date and Hour of Occurrence: 01/05/15 at 04:00 PM MST	Date and Hour of Discovery: 01/05/15 at 04:00 PM MST
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Cory Smith, NMOCD Shari Ketcham, BLM	
By Whom? Kelsey Christiansen	Date and Hour: 01/06/15 at 09:15 AM and 11:00 AM	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

OIL CONS. DIV DIST. 3

If a Watercourse was Impacted, Describe Fully.*

Not Applicable

JAN 12 2015

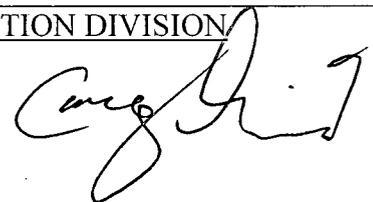
Describe Cause of Problem and Remedial Action Taken.*

Cold conditions caused a ball valve to fail on the Williams Trunk A pipeline extension. Upon discovery of the failure on January 5, 2015, Williams' personnel responded immediately by isolating the release of natural gas and replacing the ball valve. Approximately 2,137 MCF of natural gas was released.

Describe Area Affected and Cleanup Action Taken.*

No clean-up required for natural gas release.

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: <u>2/11/15</u>	Expiration Date:
Title: Environmental Specialist	Conditions of Approval:	
E-mail Address: kelsey.christiansen@williams.com	Attached <input type="checkbox"/>	
Date: 01/07/14 Phone: (505) 632-4606		

* Attach Additional Sheets If Necessary

#NCS 1504233340

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Revised August 8, 2011

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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: LV Hamner AIC	Facility Type: Pipeline at a wellsite
Surface Owner: BLM	Mineral Owner
API No. 300-45-3064	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
D	21	29N	9W					San Juan

Latitude 36.71537° N Longitude -107.78882° W

NATURE OF RELEASE

Type of Release: Natural Gas	Volume of Release: 1,066 MCF Natural Gas	Volume Recovered: 0 MCF Natural gas
Source of Release: Pipeline Leak	Date and Hour of Occurrence: 01/05/15 at 01:54 PM MST	Date and Hour of Discovery: 01/05/15 at 01:54 PM MST
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Cory Smith, NMOCD Shari Ketcham, BLM	
By Whom? Kelsey Christiansen	Date and Hour: 01/06/15 at 07:56 AM and 11:00 AM	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

OIL CONS. DIV DIST. 3

JAN 12 2015

If a Watercourse was Impacted, Describe Fully.*

Not Applicable

Describe Cause of Problem and Remedial Action Taken.*

Cold conditions caused the Williams pipeline at the LV Hamner A No. 001C wellsite to become brittle and susceptible to cracking. Upon discovery of a crack in the pipeline on January 5, 2015, Williams' personnel responded immediately by isolating the release of natural gas and are currently working on repairing the pipeline. Approximately 1,066 MCF of natural gas was released

Describe Area Affected and Cleanup Action Taken.*

No clean-up required for natural gas release.

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: 2/11/15	Expiration Date:
Title: Environmental Specialist	Conditions of Approval:	
E-mail Address: kelsey.christiansen@williams.com	Attached <input type="checkbox"/>	
Date: 01/06/14	Phone: (505) 632-4606	

* Attach Additional Sheets If Necessary

#NCS 15 042 34110

①

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Revised August 8, 2011

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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: Trunk K	Facility Type: Pipeline

Surface Owner: BLM	Mineral Owner	API No.
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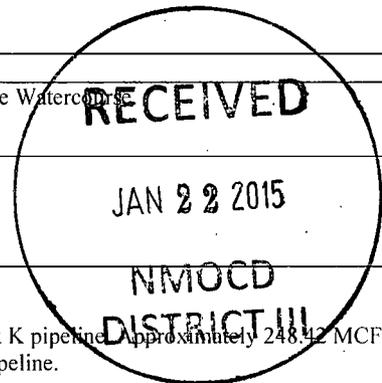
LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
A	29	28N	10W					San Juan

Latitude 36.63709° N Longitude -107.91231° W

NATURE OF RELEASE

Type of Release: Natural Gas	Volume of Release: 248.42 MCF Natural Gas	Volume Recovered: 0 MCF Natural gas
Source of Release: Pinhole	Date and Hour of Occurrence: 01/20/15 at 11:30 AM MST	Date and Hour of Discovery: 01/20/15 at 11:30 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

Describe Cause of Problem and Remedial Action Taken.*
On January 20, 2015 the release of natural gas was discovered during an intention blowdown of the Trunk K pipeline. Approximately 248.42 MCF of natural gas was released. Williams personnel are currently in the process of repairing the pinhole in the pipeline.

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

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: <i>Kelsey Christiansen</i>	<u>OIL CONSERVATION DIVISION</u>	
	Approved by Environmental Specialist: <i>[Signature]</i>	
Printed Name: Kelsey Christiansen	Approval Date: <u>3/23/15</u>	Expiration Date:
Title: Environmental Specialist	Conditions of Approval:	
E-mail Address: kelsey.christiansen@williams.com	Attached <input type="checkbox"/>	
Date: 01/20/14 Phone: (505) 632-4606		

* Attach Additional Sheets If Necessary

HNCS 1508242148

[Handwritten mark]

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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 Matt Webre
Address 188 CR 4900, Bloomfield, NM 87413	Telephone No. 505-632-4606
Facility Name Thompson Compressor Station	Facility Type Compressor Station

Surface Owner BLM	Mineral Owner	API No.
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LOCATION OF RELEASE

Unit Letter P	Section 4	Township 30N	Range 12W	Feet from the	North/South Line	Feet from the	East/West Line	County San Juan
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Latitude 36.83483°N Longitude 108.09869°W

NATURE OF RELEASE

Type of Release Produced Water/Condensate	Volume of Release Unknown	Volume Recovered NA
Source of Release Historic Release	Date and Hour of Occurrence Historic	Date and Hour of Discovery Historic

Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?
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By Whom?	Date and Hour
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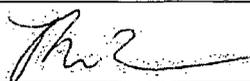
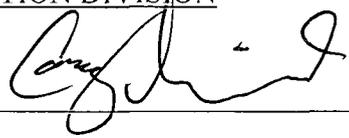
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse
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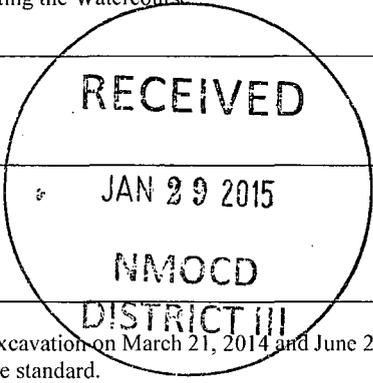
If a Watercourse was Impacted, Describe Fully.* No impacts to a watercourse occurred.
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Describe Cause of Problem and Remedial Action Taken.* During removal of two below-grade tank and liner, a historic release was discovered.

Describe Area Affected and Cleanup Action Taken.* The area was excavated to bedrock and potassium permanganate was applied to the bottom of the excavation on March 21, 2014 and June 2, 2014. The most recent laboratory results indicate that TPH concentrations (Method 8015) are below the closure standard.

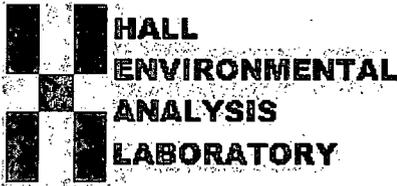
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger 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	
Printed Name: Matt Webre	Approved by Environmental Specialist: 	
Title: Supervisor, Environmental Services	Approval Date: 4/13/15	Expiration Date:
E-mail Address: matt.webre@williams.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: November 12, 2014	Phone: 505-632-4442	



* Attach Additional Sheets If Necessary

TXCS 15103 41073



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

November 10, 2014

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

RE: Thompson TRK-A

OrderNo.: 1410E38

Dear Matt Webre:

Hall Environmental Analysis Laboratory received 1 sample(s) on 10/31/2014 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', is written over a horizontal line.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order 1410E38

Date Reported: 11/10/2014

Hall Environmental Analysis Laboratory, Inc.**CLIENT:** Williams Field Services**Client Sample ID:** TRK-A Pit Resample**Project:** Thompson TRK-A**Collection Date:** 10/30/2014 12:30:00 PM**Lab ID:** 1410E38-001**Matrix:** SOIL**Received Date:** 10/31/2014 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	41	9.9		mg/Kg	1	11/5/2014 2:19:47 AM	16187
Surr: DNOP	119	63.5-128		%REC	1	11/5/2014 2:19:47 AM	16187
EPA METHOD 8015D: GASOLINE RANGE							Analyst: DJF
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	11/1/2014 5:17:52 PM	16188
Surr: BFB	115	80-120		%REC	1	11/1/2014 5:17:52 PM	16188
EPA METHOD 8021B: VOLATILES							Analyst: DJF
Benzene	ND	0.049		mg/Kg	1	11/1/2014 5:17:52 PM	16188
Toluene	ND	0.049		mg/Kg	1	11/1/2014 5:17:52 PM	16188
Ethylbenzene	ND	0.049		mg/Kg	1	11/1/2014 5:17:52 PM	16188
Xylenes, Total	0.14	0.098		mg/Kg	1	11/1/2014 5:17:52 PM	16188
Surr: 4-Bromofluorobenzene	98.3	80-120		%REC	1	11/1/2014 5:17:52 PM	16188
EPA METHOD 300.0: ANIONS							Analyst: LGP
Chloride	42	30		mg/Kg	20	11/4/2014 5:13:03 PM	16229
EPA METHOD 418.1: TPH							Analyst: JME
Petroleum Hydrocarbons, TR	120	20		mg/Kg	1	11/6/2014 12:00:00 PM	16199

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
	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
	O RSD is greater than RSDlimit	P Sample pH greater than 2.
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S Spike Recovery outside accepted recovery limits	

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1410E38

10-Nov-14

Client: Williams Field Services

Project: Thompson TRK-A

Sample ID	MB-16229	SampType:	MBLK	TestCode:	EPA Method 300.0: Anions					
Client ID:	PBS	Batch ID:	16229	RunNo:	22340					
Prep Date:	11/4/2014	Analysis Date:	11/4/2014	SeqNo:	658213	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	LCS-16229	SampType:	LCS	TestCode:	EPA Method 300.0: Anions					
Client ID:	LCSS	Batch ID:	16229	RunNo:	22340					
Prep Date:	11/4/2014	Analysis Date:	11/4/2014	SeqNo:	658214	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	91.8	90	110			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: 1410E38
 10-Nov-14

Client: Williams Field Services
Project: Thompson TRK-A

Sample ID	MB-16199	SampType:	MBLK	TestCode:	EPA Method 418.1: TPH					
Client ID:	PBS	Batch ID:	16199	RunNo:	22359					
Prep Date:	11/3/2014	Analysis Date:	11/6/2014	SeqNo:	658707	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Petroleum Hydrocarbons, TR	ND	20								

Sample ID	LCS-16199	SampType:	LCS	TestCode:	EPA Method 418.1: TPH					
Client ID:	LCSS	Batch ID:	16199	RunNo:	22359					
Prep Date:	11/5/2014	Analysis Date:	11/6/2014	SeqNo:	658708	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Petroleum Hydrocarbons, TR	110	20	100.0	0	106	80	120			

Sample ID	LCSD-16199	SampType:	LCSD	TestCode:	EPA Method 418.1: TPH					
Client ID:	LCSS02	Batch ID:	16199	RunNo:	22359					
Prep Date:	11/5/2014	Analysis Date:	11/6/2014	SeqNo:	658709	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Petroleum Hydrocarbons, TR	100	20	100.0	0	103	80	120	2.76	20	

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1410E38

10-Nov-14

Client: Williams Field Services

Project: Thompson TRK-A

Sample ID	MB-16187	SampType:	MBLK	TestCode:	EPA Method 8015D: Diesel Range Organics					
Client ID:	PBS	Batch ID:	16187	RunNo:	22285					
Prep Date:	10/31/2014	Analysis Date:	11/3/2014	SeqNo:	656934	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	8.5		10.00		84.7	63.5	128			

Sample ID	LCS-16187	SampType:	LCS	TestCode:	EPA Method 8015D: Diesel Range Organics					
Client ID:	LCSS	Batch ID:	16187	RunNo:	22285					
Prep Date:	10/31/2014	Analysis Date:	11/3/2014	SeqNo:	657003	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Diesel Range Organics (DRO)	47	10	50.00	0	93.1	68.6	130			
Surr: DNOP	3.9		5.000		78.6	63.5	128			

Sample ID	1410E38-001AMS	SampType:	MS	TestCode:	EPA Method 8015D: Diesel Range Organics					
Client ID:	TRK-A Pit Resample	Batch ID:	16187	RunNo:	22316					
Prep Date:	11/3/2014	Analysis Date:	11/5/2014	SeqNo:	658297	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Diesel Range Organics (DRO)	97	10	50.20	41.41	111	29.2	176			
Surr: DNOP	5.3		5.020		106	63.5	128			

Sample ID	1410E38-001AMSD	SampType:	MSD	TestCode:	EPA Method 8015D: Diesel Range Organics					
Client ID:	TRK-A Pit Resample	Batch ID:	16187	RunNo:	22316					
Prep Date:	11/3/2014	Analysis Date:	11/5/2014	SeqNo:	658298	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Diesel Range Organics (DRO)	100	9.8	49.12	41.41	119	29.2	176	2.47	23	
Surr: DNOP	5.7		4.912		116	63.5	128	0	0	

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: 1410E38
 10-Nov-14

Client: Williams Field Services
Project: Thompson TRK-A

Sample ID MB-16188	SampType: MBLK		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: PBS	Batch ID: 16188		RunNo: 22281							
Prep Date: 10/31/2014	Analysis Date: 11/1/2014		SeqNo: 656354				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	930		1000		93.4	80	120			

Sample ID LCS-16188	SampType: LCS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: LCSS	Batch ID: 16188		RunNo: 22281							
Prep Date: 10/31/2014	Analysis Date: 11/1/2014		SeqNo: 656355				Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	29	5.0	25.00	0	115	65.8	139			
Surr: BFB	1000		1000		99.8	80	120			

Sample ID 1410E38-001AMS	SampType: MS		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: TRK-A Pit Resample	Batch ID: 16188		RunNo: 22281							
Prep Date: 10/31/2014	Analysis Date: 11/1/2014		SeqNo: 656357				Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	29	4.9	24.41	4.863	101	71.8	132			
Surr: BFB	1100		976.6		113	80	120			

Sample ID 1410E38-001AMSD	SampType: MSD		TestCode: EPA Method 8015D: Gasoline Range							
Client ID: TRK-A Pit Resample	Batch ID: 16188		RunNo: 22281							
Prep Date: 10/31/2014	Analysis Date: 11/1/2014		SeqNo: 656358				Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	28	4.9	24.49	4.863	94.7	71.8	132	4.88	20	
Surr: BFB	1100		979.4		112	80	120	0	0	

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: 1410E38
 10-Nov-14

Client: Williams Field Services
Project: Thompson TRK-A

Sample ID	MB-16188	SampType:	MBLK	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	PBS	Batch ID:	16188	RunNo:	22281					
Prep Date:	10/31/2014	Analysis Date:	11/1/2014	SeqNo:	656492	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	0.96		1.000		96.3	80	120			

Sample ID	LCS-16188	SampType:	LCS	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	LCSS	Batch ID:	16188	RunNo:	22281					
Prep Date:	10/31/2014	Analysis Date:	11/1/2014	SeqNo:	656493	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.89	0.050	1.000	0	89.5	80	120			
Toluene	0.89	0.050	1.000	0	89.2	80	120			
Ethylbenzene	0.95	0.050	1.000	0	94.5	80	120			
Xylenes, Total	2.8	0.10	3.000	0	94.9	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		100	80	120			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

Client Name: WILLIAMS FIELD SERVI

Work Order Number: 1410E38

RcptNo: 1

Received by/date: mg 10/31/14

Logged By: Michelle Garcia 10/31/2014 8:45:00 AM *Michelle Garcia*

Completed By: Michelle Garcia 10/31/2014 11:44:07 AM *Michelle Garcia*

Reviewed By: IO 10/31/14

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	1.0	Good	Yes			

District I
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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

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: Archuleta 1A	Facility Type: Pipeline
Surface Owner: BLM	Mineral Owner
API No.	

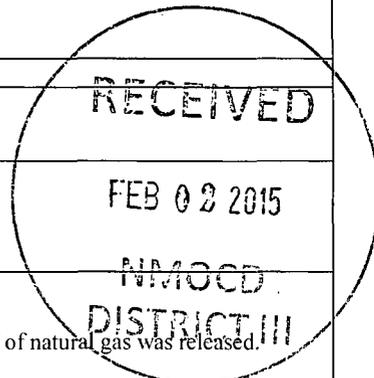
LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	19	30N	8W					San Juan

Latitude 36.79773° N Longitude -107.71676° W

NATURE OF RELEASE

Type of Release: Natural Gas	Volume of Release: 66.784 MCF Natural Gas	Volume Recovered: 0 MCF Natural gas
Source of Release: Valve	Date and Hour of Occurrence: 01/22/15 at 01:00 PM MST	Date and Hour of Discovery: 01/22/15 at 01:00 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.	
If a Watercourse was Impacted, Describe Fully.* Not Applicable		
Describe Cause of Problem and Remedial Action Taken.* On January 22, 2015 Williams conducted an intentional blowdown to repair a line freeze. Approximately 66.784 MCF of natural gas was released. Williams personnel responded closing the valve once the freeze in the line had been repaired.		
Describe Area Affected and Cleanup Action Taken.* No clean-up required for natural gas release.		
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: <i>Kelsey Christiansen</i>		OIL CONSERVATION DIVISION
Printed Name: Kelsey Christiansen		Approved by Environmental Specialist: <i>[Signature]</i>
Title: Environmental Specialist	Approval Date: 4/13/15	Expiration Date:
E-mail Address: kelsey.christiansen@williams.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 01/28/14	Phone: (505) 632-4606	



* Attach Additional Sheets If Necessary

#NCS 1510341798

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: Francis Pipeline	Facility Type: Pipeline

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

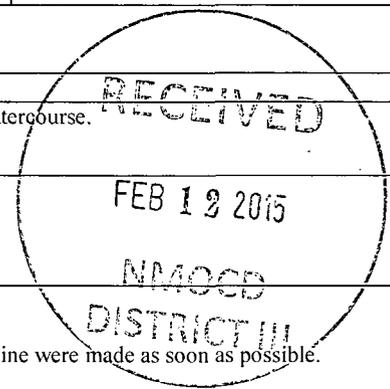
LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
L	28	28N	10W					San Juan

Latitude 36.66133° N Longitude -107.94309° W

NATURE OF RELEASE

Type of Release: Natural Gas	Volume of Release: 53.76 MCF Natural Gas	Volume Recovered: 0 MCF Natural gas
Source of Release: Pinhole	Date and Hour of Occurrence: 01/21/15 at 08:00 AM MST	Date and Hour of Discovery: 01/21/15 at 08:00 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.*
Williams personnel discovered a pinhole leak in the Francis Pipeline on January 21, 2015. Repairs to the pipeline were made as soon as possible. Approximately 53.76 MCF of natural gas was released.

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

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: <i>Kelsey Christiansen</i>	OIL CONSERVATION DIVISION	
	Approved by Environmental Specialist: <i>[Signature]</i>	
Printed Name: Kelsey Christiansen	Approval Date: 4/13/15	Expiration Date:
E-mail Address: kelsey.christiansen@williams.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 02/06/15 Phone: (505) 632-4606		

* Attach Additional Sheets If Necessary

#NCS 1510348237

(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: Thompson 5	Facility Type: Pipeline

Surface Owner: BLM	Mineral Owner	API No.
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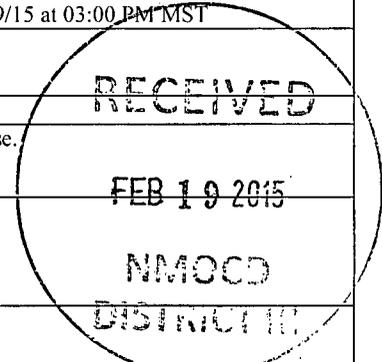
LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
K	33	31N	12W					San Juan

Latitude 36.85517° N Longitude -108.10628° W

NATURE OF RELEASE

Type of Release: Natural Gas	Volume of Release: 344 MCF Natural Gas	Volume Recovered: 0 MCF Natural gas
Source of Release: Pinhole	Date and Hour of Occurrence: 02/09/15 at 03:00 PM MST	Date and Hour of Discovery: 02/09/15 at 03:00 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.	



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

Describe Cause of Problem and Remedial Action Taken.*
On February 9, 2015 Williams personnel observed a leak on the Thompson 5 pipeline. Approximately 344 MCF of natural gas was released--Williams personnel responded by shutting in the pipeline and repairing the damaged pipe.

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

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: <i>Kelsey Christiansen</i>	OIL CONSERVATION DIVISION	
	Approved by Environmental Specialist: <i>[Signature]</i>	
Printed Name: Kelsey Christiansen	Approval Date: <u>4/13/15</u>	Expiration Date:
Title: Environmental Specialist	Conditions of Approval:	Attached <input type="checkbox"/>
E-mail Address: kelsey.christiansen@williams.com		
Date: 02/16/15	Phone: (505) 632-4606	

* Attach Additional Sheets If Necessary

#XCS 15 10352097



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

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 La Jara Compressor Station	Facility Type Compressor Station
Surface Owner Bureau of Land Management	Mineral Owner
API No.	

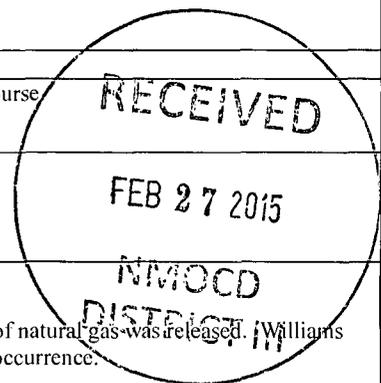
LOCATION OF RELEASE

Unit Letter M	Section 1	Township 30N	Range 9W	Feet from the	North/South Line	Feet from the	East/West Line	County San Juan
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Latitude 36.81754° N Longitude 107.49144° W

NATURE OF RELEASE

Type of Release Natural Gas	Volume of Release 338 MCF	Volume Recovered 0 MCF
Source of Release Relief Valve	Date and Hour of Occurrence 02/22/15, 11:15 AM MST	Date and Hour of Discovery 02/22/15, 11:15 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.* A pressure relief valve at the La Jara Compressor facility was not operating correctly and approximately 338 MCF of natural gas was released. Williams personnel was able to reset the valve and it became operational again. Williams is in the process of preventing a reoccurrence.		
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: <i>Kelsey Christiansen</i>	OIL CONSERVATION DIVISION	
	Approved by Environmental Specialist: <i>[Signature]</i>	
Printed Name: Kelsey Christiansen	Approval Date: <u>4/13/15</u>	Expiration Date:
E-mail Address: kelsey.christiansen@williams.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 02/24/15	Phone: 505-632-4606	

* Attach Additional Sheets If Necessary

FILES 1510353922

①

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
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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

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) 634-4606
Facility Name: Trunk K	Facility Type: Natural Gas Pipeline

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

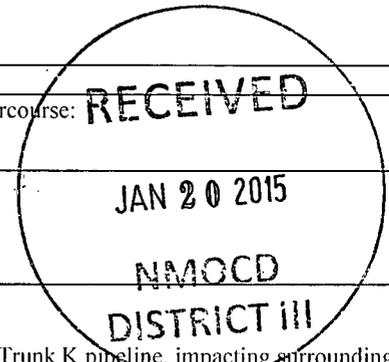
LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
G	19	28N	10W					San Juan

Latitude 36.65056° N Longitude -107.93389° W

NATURE OF RELEASE

Type of Release: Produced Water & Natural Gas	Volume of Release: 10 BBL (approx.) Produced Water & 301 MCF Natural Gas	Volume Recovered: 0 BBL Produced Water & 0 MCF Natural Gas
Source of Release: Pipeline release	Date and Hour of Occurrence: Unknown	Date and Hour of Discovery: 12/11/2014 at 03:45 PM
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.*
The release of an estimated ten barrels of produced water (301 MCF natural gas) occurred at a pinhole along the Trunk K pipeline, impacting surrounding soils. The location of the release was identified and immediately isolated to prevent the release of additional produced water. Repairs were safely completed to the pipeline.

Describe Area Affected and Cleanup Action Taken.*
Williams excavated the impacted soil and transported it to Industrial Ecosystems, Inc. Landfarm (Permit #NM01-0010B) for disposal. Confirmation soil samples were collected from the sidewalls and the base of the excavation. Laboratory analytical results 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: <i>Kelsey Christiansen</i>	OIL CONSERVATION DIVISION	
	Approved by Environmental Specialist: <i>[Signature]</i>	
Printed Name: Kelsey Christiansen	Approval Date: <u>4/27/15</u>	Expiration Date:
Title: Environmental Specialist	Conditions of Approval:	
E-mail Address: kelsey.christiansen@williams.com	Attached <input type="checkbox"/>	
Date: 01/15/15	Phone: (505) 634-4606	

* Attach Additional Sheets If Necessary

#NCS 1511738822

22



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

December 29, 2014

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

OIL CONS. DIV DIST. 3

MAR 26 2015

RE: Trunk-K Line Leak Bottom

OrderNo.: 1412A97

Dear Kelsey Christiansen:

Hall Environmental Analysis Laboratory received 1 sample(s) on 12/24/2014 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', is written over a horizontal line.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

MAR 26 2015

Analytical Report

Lab Order 1412A97

Date Reported: 12/29/2014

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Williams Field Services

Client Sample ID: Trunk-K Line Leak Bottom

Project: Trunk-K Line Leak Bottom

Collection Date: 12/23/2014 2:30:00 PM

Lab ID: 1412A97-001

Matrix: MEOH (SOIL)

Received Date: 12/24/2014 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	12/24/2014 10:30:36 AM	16977
Surr: DNOP	74.0	63.5-128		%REC	1	12/24/2014 10:30:36 AM	16977
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.5		mg/Kg	1	12/24/2014 11:14:49 AM	16984
Surr: BFB	93.9	80-120		%REC	1	12/24/2014 11:14:49 AM	16984
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.035		mg/Kg	1	12/24/2014 11:14:49 AM	16984
Toluene	0.072	0.035		mg/Kg	1	12/24/2014 11:14:49 AM	16984
Ethylbenzene	ND	0.035		mg/Kg	1	12/24/2014 11:14:49 AM	16984
Xylenes, Total	0.074	0.070		mg/Kg	1	12/24/2014 11:14:49 AM	16984
Surr: 4-Bromofluorobenzene	99.1	80-120		%REC	1	12/24/2014 11:14:49 AM	16984
EPA METHOD 300.0: ANIONS							Analyst: lgp
Chloride	190	30		mg/Kg	20	12/24/2014 10:57:28 AM	16997
EPA METHOD 418.1: TPH							Analyst: WL
Petroleum Hydrocarbons, TR	ND	20		mg/Kg	1	12/24/2014 12:00:00 PM	16976

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
	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
	O	RSD is greater than RSDlimit	P	Sample pH greater than 2.
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	Spike Recovery outside accepted recovery limits		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1412A97

29-Dec-14

Client: Williams Field Services
Project: Trunk-K Line Leak Bottom

Sample ID	MB-16997	SampType:	MBLK	TestCode:	EPA Method 300.0: Anions					
Client ID:	PBS	Batch ID:	16997	RunNo:	23387					
Prep Date:	12/24/2014	Analysis Date:	12/24/2014	SeqNo:	690942	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	LCS-16997	SampType:	LCS	TestCode:	EPA Method 300.0: Anions					
Client ID:	LCSS	Batch ID:	16997	RunNo:	23387					
Prep Date:	12/24/2014	Analysis Date:	12/24/2014	SeqNo:	690943	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.8	90	110			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1412A97

29-Dec-14

Client: Williams Field Services
Project: Trunk-K Line Leak Bottom

Sample ID	MB-16976	SampType:	MBLK	TestCode:	EPA Method 418.1: TPH					
Client ID:	PBS	Batch ID:	16976	RunNo:	23342					
Prep Date:	12/23/2014	Analysis Date:	12/24/2014	SeqNo:	689793	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Petroleum Hydrocarbons, TR	ND	20								

Sample ID	LCS-16976	SampType:	LCS	TestCode:	EPA Method 418.1: TPH					
Client ID:	LCSS	Batch ID:	16976	RunNo:	23342					
Prep Date:	12/23/2014	Analysis Date:	12/24/2014	SeqNo:	689952	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Petroleum Hydrocarbons, TR	110	20	100.0	0	107	80	120			

Sample ID	LCSD-16976	SampType:	LCSD	TestCode:	EPA Method 418.1: TPH					
Client ID:	LCSS02	Batch ID:	16976	RunNo:	23342					
Prep Date:	12/23/2014	Analysis Date:	12/24/2014	SeqNo:	689953	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Petroleum Hydrocarbons, TR	110	20	100.0	0	113	80	120	5.49	20	

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1412A97

29-Dec-14

Client: Williams Field Services
Project: Trunk-K Line Leak Bottom

Sample ID MB-16977	SampType: MBLK	TestCode: EPA Method 8015D: Diesel Range Organics								
Client ID: PBS	Batch ID: 16977	RunNo: 23339								
Prep Date: 12/23/2014	Analysis Date: 12/24/2014	SeqNo: 689714	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	6.6		10.00		65.9	63.5	128			

Sample ID LCS-16977	SampType: LCS	TestCode: EPA Method 8015D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 16977	RunNo: 23339								
Prep Date: 12/23/2014	Analysis Date: 12/24/2014	SeqNo: 689827	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	39	10	50.00	0	78.2	67.8	130			
Surr: DNOP	3.6		5.000		72.6	63.5	128			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1412A97

29-Dec-14

Client: Williams Field Services
Project: Trunk-K Line Leak Bottom

Sample ID	MB-16984	SampType:	MBLK	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	PBS	Batch ID:	16984	RunNo:	23357					
Prep Date:	12/23/2014	Analysis Date:	12/24/2014	SeqNo:	690715	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	920		1000		92.0	80	120			

Sample ID	LCS-16984	SampType:	LCS	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	LCSS	Batch ID:	16984	RunNo:	23357					
Prep Date:	12/23/2014	Analysis Date:	12/24/2014	SeqNo:	690716	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	90.8	65.8	139			
Surr: BFB	980		1000		98.0	80	120			

Sample ID	MB-16944	SampType:	MBLK	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	PBS	Batch ID:	16944	RunNo:	23357					
Prep Date:	12/22/2014	Analysis Date:	12/25/2014	SeqNo:	690724	Units:	%REC			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	940		1000		94.2	80	120			

Sample ID	LCS-16944	SampType:	LCS	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	LCSS	Batch ID:	16944	RunNo:	23357					
Prep Date:	12/22/2014	Analysis Date:	12/24/2014	SeqNo:	690725	Units:	%REC			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1000		1000		103	80	120			

Sample ID	LCSD-16944	SampType:	LCSD	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	LCSS02	Batch ID:	16944	RunNo:	23357					
Prep Date:	12/22/2014	Analysis Date:	12/24/2014	SeqNo:	690726	Units:	%REC			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1000							0	0	

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1412A97

29-Dec-14

Client: Williams Field Services
Project: Trunk-K Line Leak Bottom

Sample ID	MB-16984	SampType:	MBLK	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	PBS	Batch ID:	16984	RunNo:	23357					
Prep Date:	12/23/2014	Analysis Date:	12/24/2014	SeqNo:	690734	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	0.97		1.000		96.9	80	120			

Sample ID	LCS-16984	SampType:	LCS	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	LCSS	Batch ID:	16984	RunNo:	23357					
Prep Date:	12/23/2014	Analysis Date:	12/24/2014	SeqNo:	690735	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.96	0.050	1.000	0	96.4	80	120			
Toluene	0.93	0.050	1.000	0	93.2	80	120			
Ethylbenzene	0.94	0.050	1.000	0	94.4	80	120			
Xylenes, Total	2.8	0.10	3.000	0	92.5	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		105	80	120			

Sample ID	MB-16944	SampType:	MBLK	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	PBS	Batch ID:	16944	RunNo:	23357					
Prep Date:	12/22/2014	Analysis Date:	12/25/2014	SeqNo:	690754	Units:	%REC			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.0		1.000		100	80	120			

Sample ID	LCS-16944	SampType:	LCS	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	LCSS	Batch ID:	16944	RunNo:	23357					
Prep Date:	12/22/2014	Analysis Date:	12/24/2014	SeqNo:	690755	Units:	%REC			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.1		1.000		106	80	120			

Sample ID	LCSD-16944	SampType:	LCSD	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	LCSS02	Batch ID:	16944	RunNo:	23357					
Prep Date:	12/22/2014	Analysis Date:	12/24/2014	SeqNo:	690756	Units:	%REC			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.1		1.000		106	80	120	0		

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

Sample Log-In Check List

Client Name: **WILLIAMS FIELD SERVI**

Work Order Number: **1412A97**

RcptNo: 1

Received by/date:

[Signature]

12/24/14

Logged By: **Lindsay Mangin**

12/24/2014 7:30:00 AM

[Signature]

Completed By: **Lindsay Mangin**

12/24/2014 7:59:22 AM

[Signature]

Reviewed By:

[Signature]

12/24/14

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?
 (Note discrepancies on chain of custody) Yes No

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?
 (If no, notify customer for authorization.) Yes No

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	1.5	Good	Yes			

Chain-of-Custody Record

Client: WFS

Mailing Address: 188 CR 4900

Bloomfield Nm 87413

Phone #: 505-215-7433

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

QA/QC Package:

Standard Level 4 (Full Validation)

Accreditation

NELAP Other _____

EDD (Type) _____

Turn-Around Time:
 Standard Rush 12-24-14

Project Name: TRUNK-K LINE LEAK BOTTOM

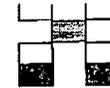
Project #: _____

Project Manager: Kelsey Christiansen

Sampler: Morgan Killior

On Ice: Yes No

Sample Temperature: 15



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No.	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO TMRG)	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)	chl	Air Bubbles (Y or N)
12/23/14	2:30	Soil	TRUNK-K LINE LEAK BOTTOM	1-402	MeOH	1412A97 -001	X	X	X									X	
					#12/24/14														

Date: 12/23/14 Time: 1627 Relinquished by: Morgan Killior Received by: Christ Walk Date: 12/23/14 Time: 1627

Date: 12/23/14 Time: 1810 Relinquished by: Christ Walk Received by: [Signature] Date: 12/24/14 Time: 0730

Remarks: _____



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

January 07, 2015

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

RE: Trunk-K-Clean up.

OrderNo.: 1501051

Dear Kelsey Christiansen:

Hall Environmental Analysis Laboratory received 5 sample(s) on 1/6/2015 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', is written over a horizontal line.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Williams Field Services

Client Sample ID: Trunk-K Bottom Composite

Project: Trunk-K-Clean up.

Collection Date: 1/5/2015 2:10:00 PM

Lab ID: 1501051-001

Matrix: MEOH (SOIL)

Received Date: 1/6/2015 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: WL
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	1/6/2015 11:11:25 AM	17082
Surr: DNOP	96.6	63.5-128		%REC	1	1/6/2015 11:11:25 AM	17082
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.5		mg/Kg	1	1/6/2015 10:32:34 AM	R23499
Surr: BFB	85.2	80-120		%REC	1	1/6/2015 10:32:34 AM	R23499
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.045		mg/Kg	1	1/6/2015 10:32:34 AM	R23499
Toluene	ND	0.045		mg/Kg	1	1/6/2015 10:32:34 AM	R23499
Ethylbenzene	ND	0.045		mg/Kg	1	1/6/2015 10:32:34 AM	R23499
Xylenes, Total	ND	0.091		mg/Kg	1	1/6/2015 10:32:34 AM	R23499
Surr: 4-Bromofluorobenzene	88.4	80-120		%REC	1	1/6/2015 10:32:34 AM	R23499
EPA METHOD 300.0: ANIONS							Analyst: Igp
Chloride	73	30		mg/Kg	20	1/6/2015 10:38:38 AM	17085

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	
	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	Page 1 of 9
	O RSD is greater than RSDlimit	P Sample pH greater than 2.	
	R RPD outside accepted recovery limits	RL Reporting Detection Limit	
	S Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Williams Field Services

Client Sample ID: Trunk-K-S-Side Wall Composite

Project: Trunk-K-Clean up.

Collection Date: 1/5/2015 2:20:00 PM

Lab ID: 1501051-002

Matrix: MEOH (SOIL)

Received Date: 1/6/2015 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: WL
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	1/6/2015 12:41:24 PM	17082
Surr: DNOP	92.0	63.5-128		%REC	1	1/6/2015 12:41:24 PM	17082
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.3		mg/Kg	1	1/6/2015 11:01:13 AM	R23499
Surr: BFB	85.9	80-120		%REC	1	1/6/2015 11:01:13 AM	R23499
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.043		mg/Kg	1	1/6/2015 11:01:13 AM	R23499
Toluene	ND	0.043		mg/Kg	1	1/6/2015 11:01:13 AM	R23499
Ethylbenzene	ND	0.043		mg/Kg	1	1/6/2015 11:01:13 AM	R23499
Xylenes, Total	ND	0.086		mg/Kg	1	1/6/2015 11:01:13 AM	R23499
Surr: 4-Bromofluorobenzene	91.9	80-120		%REC	1	1/6/2015 11:01:13 AM	R23499
EPA METHOD 300.0: ANIONS							Analyst: lgp
Chloride	37	30		mg/Kg	20	1/6/2015 10:51:02 AM	17085

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
	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
	O	RSD is greater than RSDlimit	P	Sample pH greater than 2.
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Williams Field Services

Client Sample ID: Trunk-K-East Wall

Project: Trunk-K-Clean up.

Collection Date: 1/5/2015 2:30:00 PM

Lab ID: 1501051-003

Matrix: MEOH (SOIL)

Received Date: 1/6/2015 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: WL
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	1/6/2015 1:11:31 PM	17082
Surr: DNOP	89.1	63.5-128		%REC	1	1/6/2015 1:11:31 PM	17082
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	1/6/2015 11:29:53 AM	R23499
Surr: BFB	86.4	80-120		%REC	1	1/6/2015 11:29:53 AM	R23499
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.048		mg/Kg	1	1/6/2015 11:29:53 AM	R23499
Toluene	ND	0.048		mg/Kg	1	1/6/2015 11:29:53 AM	R23499
Ethylbenzene	ND	0.048		mg/Kg	1	1/6/2015 11:29:53 AM	R23499
Xylenes, Total	ND	0.097		mg/Kg	1	1/6/2015 11:29:53 AM	R23499
Surr: 4-Bromofluorobenzene	89.1	80-120		%REC	1	1/6/2015 11:29:53 AM	R23499
EPA METHOD 300.0: ANIONS							Analyst: lgp
Chloride	56	30		mg/Kg	20	1/6/2015 11:03:27 AM	17085

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
	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
	O RSD is greater than RSDlimit	P Sample pH greater than 2.
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S Spike Recovery outside accepted recovery limits	

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Williams Field Services

Client Sample ID: Trunk-K-North Wall

Project: Trunk-K-Clean up.

Collection Date: 1/5/2015 2:40:00 PM

Lab ID: 1501051-004

Matrix: MEOH (SOIL)

Received Date: 1/6/2015 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: WL
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	1/6/2015 10:21:51 AM	17082
Surr: DNOP	94.1	63.5-128		%REC	1	1/6/2015 10:21:51 AM	17082
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.3		mg/Kg	1	1/6/2015 11:58:31 AM	R23499
Surr: BFB	88.5	80-120		%REC	1	1/6/2015 11:58:31 AM	R23499
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.043		mg/Kg	1	1/6/2015 11:58:31 AM	R23499
Toluene	ND	0.043		mg/Kg	1	1/6/2015 11:58:31 AM	R23499
Ethylbenzene	ND	0.043		mg/Kg	1	1/6/2015 11:58:31 AM	R23499
Xylenes, Total	ND	0.087		mg/Kg	1	1/6/2015 11:58:31 AM	R23499
Surr: 4-Bromofluorobenzene	88.6	80-120		%REC	1	1/6/2015 11:58:31 AM	R23499
EPA METHOD 300.0: ANIONS							Analyst: Igp
Chloride	ND	30		mg/Kg	20	1/6/2015 11:15:51 AM	17085

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
	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
	O	RSD is greater than RSDlimit	P	Sample pH greater than 2.
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Williams Field Services
 Project: Trunk-K-Clean up.
 Lab ID: 1501051-005

Client Sample ID: Trunk-K-West Wall
 Collection Date: 1/5/2015 2:50:00 PM
 Matrix: MEOH (SOIL) Received Date: 1/6/2015 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: WL
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	1/6/2015 10:43:15 AM	17082
Surr: DNOP	93.9	63.5-128		%REC	1	1/6/2015 10:43:15 AM	17082
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.5		mg/Kg	1	1/6/2015 12:27:12 PM	R23499
Surr: BFB	85.8	80-120		%REC	1	1/6/2015 12:27:12 PM	R23499
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.045		mg/Kg	1	1/6/2015 12:27:12 PM	R23499
Toluene	ND	0.045		mg/Kg	1	1/6/2015 12:27:12 PM	R23499
Ethylbenzene	ND	0.045		mg/Kg	1	1/6/2015 12:27:12 PM	R23499
Xylenes, Total	ND	0.090		mg/Kg	1	1/6/2015 12:27:12 PM	R23499
Surr: 4-Bromofluorobenzene	89.2	80-120		%REC	1	1/6/2015 12:27:12 PM	R23499
EPA METHOD 300.0: ANIONS							Analyst: lgp
Chloride	51	30		mg/Kg	20	1/6/2015 11:28:16 AM	17085

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
	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
	O RSD is greater than RSDlimit	P Sample pH greater than 2.
	R RPD outside accepted recovery limits	RL Reporting Detection Limit
	S Spike Recovery outside accepted recovery limits	

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1501051

07-Jan-15

Client: Williams Field Services

Project: Trunk-K-Clean up.

Sample ID	MB-17085	SampType:	MBLK	TestCode:	EPA Method 300.0: Anions					
Client ID:	PBS	Batch ID:	17085	RunNo:	23511					
Prep Date:	1/6/2015	Analysis Date:	1/6/2015	SeqNo:	694508	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	LCS-17085	SampType:	LCS	TestCode:	EPA Method 300.0: Anions					
Client ID:	LCSS	Batch ID:	17085	RunNo:	23511					
Prep Date:	1/6/2015	Analysis Date:	1/6/2015	SeqNo:	694509	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.8	90	110			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1501051
07-Jan-15

Client: Williams Field Services
Project: Trunk-K-Clean up.

Sample ID	MB-17063	SampType:	MBLK	TestCode:	EPA Method 8015D: Diesel Range Organics					
Client ID:	PBS	Batch ID:	17063	RunNo:	23492					
Prep Date:	1/5/2015	Analysis Date:	1/6/2015	SeqNo:	694059	Units:	%REC			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	7.9		10.00		79.4	63.5	128			

Sample ID	MB-17082	SampType:	MBLK	TestCode:	EPA Method 8015D: Diesel Range Organics					
Client ID:	PBS	Batch ID:	17082	RunNo:	23494					
Prep Date:	1/6/2015	Analysis Date:	1/6/2015	SeqNo:	694078	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	8.6		10.00		85.6	63.5	128			

Sample ID	1501051-001AMS	SampType:	MS	TestCode:	EPA Method 8015D: Diesel Range Organics					
Client ID:	Trunk-K Bottom Co	Batch ID:	17082	RunNo:	23494					
Prep Date:	1/6/2015	Analysis Date:	1/6/2015	SeqNo:	694144	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	46	10	49.90	0	92.2	29.2	176			
Surr: DNOP	5.1		4.990		102	63.5	128			

Sample ID	1501051-001AMSD	SampType:	MSD	TestCode:	EPA Method 8015D: Diesel Range Organics					
Client ID:	Trunk-K Bottom Co	Batch ID:	17082	RunNo:	23494					
Prep Date:	1/6/2015	Analysis Date:	1/6/2015	SeqNo:	694157	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	45	9.9	49.70	0	89.6	29.2	176	3.26	23	
Surr: DNOP	4.8		4.970		96.8	63.5	128	0	0	

Sample ID	LCS-17082	SampType:	LCS	TestCode:	EPA Method 8015D: Diesel Range Organics					
Client ID:	LCSS	Batch ID:	17082	RunNo:	23494					
Prep Date:	1/6/2015	Analysis Date:	1/6/2015	SeqNo:	694158	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	47	10	50.00	0	93.0	67.8	130			
Surr: DNOP	4.4		5.000		88.8	63.5	128			

Sample ID	LCS-17063	SampType:	LCS	TestCode:	EPA Method 8015D: Diesel Range Organics					
Client ID:	LCSS	Batch ID:	17063	RunNo:	23492					
Prep Date:	1/5/2015	Analysis Date:	1/6/2015	SeqNo:	694169	Units:	%REC			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.8		5.000		96.0	63.5	128			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1501051

07-Jan-15

Client: Williams Field Services

Project: Trunk-K-Clean up.

Sample ID	5ML RB	SampType:	MBLK	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	PBS	Batch ID:	R23499	RunNo:	23499					
Prep Date:		Analysis Date:	1/6/2015	SeqNo:	694360	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		86.6	80	120			

Sample ID	2.5UG GRO LCS	SampType:	LCS	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	LCSS	Batch ID:	R23499	RunNo:	23499					
Prep Date:		Analysis Date:	1/6/2015	SeqNo:	694361	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	93.1	65.8	139			
Surr: BFB	960		1000		96.5	80	120			

Sample ID	1501051-001AMS	SampType:	MS	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	Trunk-K Bottom Co	Batch ID:	R23499	RunNo:	23499					
Prep Date:		Analysis Date:	1/6/2015	SeqNo:	694362	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Gasoline Range Organics (GRO)	20	4.5	22.75	0	86.2	47.9	144			
Surr: BFB	890		909.9		97.5	80	120			

Sample ID	1501051-001AMSD	SampType:	MSD	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	Trunk-K Bottom Co	Batch ID:	R23499	RunNo:	23499					
Prep Date:		Analysis Date:	1/6/2015	SeqNo:	694363	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Gasoline Range Organics (GRO)	19	4.5	22.75	0	82.2	47.9	144	4.70	29.9	
Surr: BFB	890		909.9		97.8	80	120	0	0	

Qualifiers:

- | | |
|---|--|
| * Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| 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 |
| O RSD is greater than RSDlimit | P Sample pH greater than 2. |
| R RPD outside accepted recovery limits | RL Reporting Detection Limit |
| S Spike Recovery outside accepted recovery limits | |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1501051

07-Jan-15

Client: Williams Field Services

Project: Trunk-K-Clean up.

Sample ID	5ML RB	SampType:	MBLK	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	PBS	Batch ID:	R23499	RunNo:	23499					
Prep Date:		Analysis Date:	1/6/2015	SeqNo:	694377	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	0.89		1.000		89.3	80	120			

Sample ID	100NG BTEX LCS	SampType:	LCS	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	LCSS	Batch ID:	R23499	RunNo:	23499					
Prep Date:		Analysis Date:	1/6/2015	SeqNo:	694378	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.97	0.050	1.000	0	97.1	80	120			
Toluene	0.96	0.050	1.000	0	95.9	80	120			
Ethylbenzene	0.97	0.050	1.000	0	96.8	80	120			
Xylenes, Total	2.9	0.10	3.000	0	96.2	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		101	80	120			

Sample ID	1501051-002AMS	SampType:	MS	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	Trunk-K-S-Side Wall	Batch ID:	R23499	RunNo:	23499					
Prep Date:		Analysis Date:	1/6/2015	SeqNo:	694379	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.86	0.043	0.8621	0	99.2	69.2	126			
Toluene	0.85	0.043	0.8621	0.02160	95.9	65.6	128			
Ethylbenzene	0.86	0.043	0.8621	0	99.3	65.5	138			
Xylenes, Total	2.5	0.086	2.586	0.03519	97.2	63	139			
Surr: 4-Bromofluorobenzene	0.89		0.8621		103	80	120			

Sample ID	1501051-002AMSD	SampType:	MSD	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	Trunk-K-S-Side Wall	Batch ID:	R23499	RunNo:	23499					
Prep Date:		Analysis Date:	1/6/2015	SeqNo:	694380	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.86	0.043	0.8621	0	99.7	69.2	126	0.468	18.5	
Toluene	0.83	0.043	0.8621	0.02160	94.2	65.6	128	1.74	20.6	
Ethylbenzene	0.86	0.043	0.8621	0	100	65.5	138	0.861	20.1	
Xylenes, Total	2.5	0.086	2.586	0.03519	96.8	63	139	0.337	21.1	
Surr: 4-Bromofluorobenzene	0.89		0.8621		104	80	120	0	0	

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH greater than 2.
- RL Reporting Detection Limit

Sample Log-In Check List

Client Name: WILLIAMS FIELD SERVI

Work Order Number: 1501051

RcptNo: 1

Received by/date: [Signature] 01/06/15

Logged By: Lindsay Mangin 1/6/2015 7:10:00 AM [Signature]

Completed By: Lindsay Mangin 1/6/2015 7:19:24 AM [Signature]

Reviewed By: [Signature] AT 01/06/15

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: _____

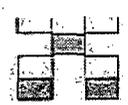
17. Additional remarks:

18. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.8	Good	Yes			

Chain-of-Custody Record

Turn-Around Time: Same Day
 Standard Rush 1-6-15



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Client: WFS
 Mailing Address: 188 CR 4900
Bloomfield NM 87413
 Phone #: 505-255-7433

Project Name: TRUNK-K-CLEAN UP

Project #:

email or Fax #: Kelsey.Christiansen@wfs.com
 QA/QC Package:
 Standard Level 4 (Full Validation)
 Accreditation:
 NELAP Other _____
 EDD (Type) _____

Project Manager: Kelsey Christiansen
 Sampler: Morgan Killian
 On Site: Yes No
 Sample Temperature: 18

Analysis Request

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	ED6 (Method 504.1)	PAH's (8310 or 8270 SIMS)	PCRA 8 Metals	Anions (F, Cl, NO ₃ , NO ₂ , PO ₄ , SO ₄)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	Chloride	Air Bubbles (Y or N)
5/15	2:10	Soil	TRUNK-K Bottom Composite	1-462	ICE	1501051 -001	X	X										X	
5/15	2:20	Soil	TRUNK-KS Side Wall Composite	1-402	ICE	-002	X	X										X	
5/15	2:30	Soil	TRUNK-K-East Wall	1-462	↓	-003	X	X										X	
5/15	2:40	Soil	TRUNK-K-North Wall	1-402	↓	-004	X	X										X	
5/15	2:50	Soil	TRUNK-K-West Wall	1-462	↓	-005	X	X										X	

Date: 5/15 Time: 1619 Relinquished by: Morgan Killian

Received by: Christina White Date: 5/15 Time: 1619

Remarks:

Date: 5/15 Time: 1822 Relinquished by: Christina White

Received by: [Signature] Date: 01/06/15 Time: 0710

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 notated 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 La Jara Compressor Station	Facility Type Compressor Station
Surface Owner Bureau of Land Management	Mineral Owner
API No.	

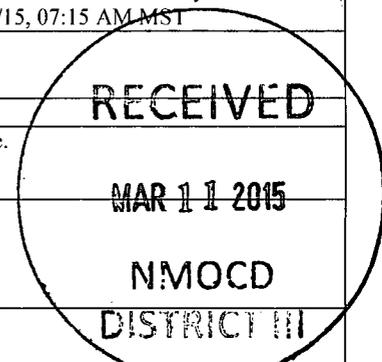
LOCATION OF RELEASE

Unit Letter M	Section I	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 50 MCF	Volume Recovered 0 MCF
Source of Release Pressure Relief Valve	Date and Hour of Occurrence 03/05/15, 07:15 AM MST	Date and Hour of Discovery 03/05/15, 07:15 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.* Williams' personnel heard natural gas releasing from a pressure relief valve at the La Jara Compressor facility. Upon discovery, the valve was reset and put back into proper operation. Approximately 50 MCF of natural gas was released.		
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: <i>Kelsey Christiansen</i>	OIL CONSERVATION DIVISION	
Printed Name: Kelsey Christiansen	Approved by Environmental Specialist: <i>[Signature]</i>	
Title: Environmental Specialist	Approval Date: 4/30/15	Expiration Date:
E-mail Address: kelsey.christiansen@williams.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 03/06/15	Phone: 505-632-4606	



* Attach Additional Sheets If Necessary

#NCS 1512127276

[Handwritten mark]

District I
1625 N. French Dr., Hobbs, NM 88240
District II
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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

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 Florance 31A Meter	Facility Type Meter at Florance 31A wellsite
Surface Owner BLM	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	12	29N	8W					San Juan

Latitude N36.73722° Longitude W107.62203°

NATURE OF RELEASE

Type of Release Methanol mist resulting in flash fire	Volume of Release 1 gallon methanol	Volume Recovered 0 gallon
Source of Release 500 gallon methanol tank	Date and Hour of Occurrence 03/12/15, 5:00 PM MST	Date and Hour of Discovery 03/12/15, 5:00 PM MST
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Cory Smith, NMOCD	
By Whom? Kelsey Christiansen	Date and Hour 03/12/15 at 11:30 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.*

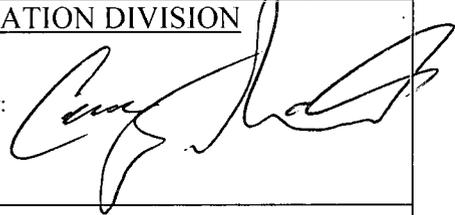
During refueling of the 500 gallon methanol tank contractor did not have enough methanol in his truck to fill the tank. As a result, air was being fueled into the tank. The force of the air pressure caused a mist of methanol to come out of the top vent of the tank. The mist of methanol came into contact with the contractors fueling truck and found an ignition source. The fueling truck flashed and a fire was started. The contractors were able to immediately and safely put the fire out using fire extinguishers on hand. No injuries occurred. No methanol liquid remained after fire. In depth root cause analysis will be conducted to prevent a reoccurrence.

Describe Area Affected and Cleanup Action Taken.*

No cleanup required for flash fire incident. Damaged vehicle was taken to Farmington, NM for repairs. No other damage associated with the fire incident.

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: 5/1/15	Expiration Date:
Title: Environmental Specialist	Conditions of Approval:	
E-mail Address: kelsey.christiansen@williams.com	Attached <input type="checkbox"/>	
Date: 03/12/15	Phone: 505-632-4606	

* Attach Additional Sheets If Necessary

#NCS 1512150815

①