

3R-1014

**Release Report/ General
Correspondence**

Williams RA

Date: Oct-Dec 2015

OCT 16 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

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: Trunk Q Pipeline	Facility Type: Pipeline
Surface Owner: Bureau of Land Management	Mineral Owner
API No.	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
G	29	26N	8W					Rio Arriba

Latitude 36.46036° N Longitude -107.70329° W

NATURE OF RELEASE

Type of Release: Natural Gas	Volume of Release: 270 MCF Natural Gas	Volume Recovered: 0 MCF Natural gas
Source of Release: Pinhole	Date and Hour of Occurrence: Estimated 09/30/15 at 10:00 AM	Date and Hour of Discovery: 09/30/15 at 10:00 AM MST
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour:	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Not Applicable

Describe Cause of Problem and Remedial Action Taken.*

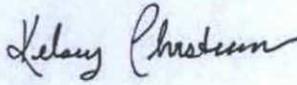
On September 30, 2015 Williams personnel discovered a suspected pinhole leak on the Trunk Q Pipeline which caused the release of natural gas. Once repairs and excavation was complete the gas loss was calculated to be approximately 270 MCF natural gas. Confirmation soil samples were collected to insure cleanup standards are met and when the results become available a final Form C-141 will be submitted.

Describe Area Affected and Cleanup Action Taken.*

Complete excavation of the impacted soil will take place utilizing confirmation soil samples of the sidewalls and the base of the excavation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

OIL CONSERVATION DIVISION

Signature: 	Approved by Environmental Specialist: 	
Printed Name: Kelsey Christiansen	Approval Date: <u>11/9/15</u>	Expiration Date:
Title: Environmental Specialist	Conditions of Approval:	Attached <input type="checkbox"/>
E-mail Address: kelsey.christiansen@williams.com		
Date: 10/12/15 Phone: (505) 632-4606		

* Attach Additional Sheets If Necessary

NCS 153 132 795 1

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Energy Minerals and Natural Resources

OCT 16 2015

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Santa Fe, NM 87505

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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: 31-6 #49 Pipeline	Facility Type: Pipeline
Surface Owner: Bureau of Land Management	Mineral Owner
API No.	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
H	5	30N	6W					Rio Arriba

Latitude 36.84391° N Longitude -107.48028° W

NATURE OF RELEASE

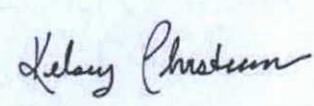
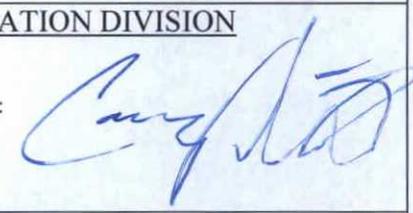
Type of Release: Natural Gas	Volume of Release: 80.5 MCF Natural Gas	Volume Recovered: 0 MCF Natural gas
Source of Release: Pinhole	Date and Hour of Occurrence: Estimated 09/30/15 at 01:00 PM	Date and Hour of Discovery: 09/30/15 at 01:00 PM MST
Was Immediate Notice Given? <input type="checkbox"/> Yes <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 September 30, 2015 Williams personnel discovered a suspected pinhole leak on the 31-6 #49 Pipeline which caused the release of natural gas. Once repairs and excavation was complete the gas loss was calculated to be approximately 80.5 MCF natural gas. Confirmation soil samples were collected to insure cleanup standards are met and when the results become available a final Form C-141 will be submitted.

Describe Area Affected and Cleanup Action Taken.*
Complete excavation of the impacted soil will take place utilizing confirmation soil samples of the sidewalls and the base of the excavation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: 	<u>OIL CONSERVATION DIVISION</u>	
	Approved by Environmental Specialist: 	
Printed Name: Kelsey Christiansen	Approval Date: 11/9/15	Expiration Date:
Title: Environmental Specialist	Conditions of Approval:	Attached <input type="checkbox"/>
E-mail Address: kelsey.christiansen@williams.com		
Date: 10/12/15 Phone: (505) 632-4606		

* Attach Additional Sheets If Necessary

NCS 153 132 8642

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Energy Minerals and Natural Resources

Oil Conservation Division
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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 Bancos	Facility Type Compressor Station

Surface Owner New Mexico State Lands	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
B	36	32N	6W					Rio Arriba

Latitude 36.942492 N Longitude 107.404880 W

NATURE OF RELEASE

Type of Release Natural Gas	Volume of Release 420 MCF	Volume Recovered 0 MCF
Source of Release Compressor	Date and Hour of Occurrence 11/13/2015, 12:15 PM MST	Date and Hour of Discovery 11/13/2015, 12:15 PM MST
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

OIL CONS. DIV DIST. 3

If a Watercourse was Impacted, Describe Fully.*

Not Applicable

DEC 14 2015

Describe Cause of Problem and Remedial Action Taken.*

Williams personnel arrived onsite and discovered four compressor manual dump valves left open. Contractor had been doing flywheel maintenance on the units the day before. Natural gas loss was calculated to be 420 MCF total from the four valves and was vented to atmosphere.

Describe Area Affected and Cleanup Action Taken.*

No cleanup required with gas releases vented to atmosphere.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

OIL CONSERVATION DIVISION

Signature: 	Approved by Environmental Specialist: 	
Printed Name: Kelsey Christiansen	Approval Date: <u>11/21/2015</u>	Expiration Date:
Title: Environmental Specialist	Conditions of Approval: _____	
E-mail Address: kelsey.christiansen@williams.com	Attached <input type="checkbox"/>	
Date: 12/09/2015 Phone: 505-632-4606		

* Attach Additional Sheets If Necessary

NUF1602151144

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1625 N. French Dr., Hobbs, NM 88240
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State of New Mexico
Energy Minerals and Natural Resources

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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 Tribal C-11A Pipeline	Facility Type Pipeline

Surface Owner Jicarilla Apache Nation	Mineral Owner	API No.
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LOCATION OF RELEASE

Unit Letter O	Section 5	Township 26N	Range 3W	Feet from the	North/South Line	Feet from the	East/West Line	County Rio Arriba
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Latitude 36.50892° N Longitude -107.16470° W

NATURE OF RELEASE

Type of Release Condensate	Volume of Release Estimated at 5 BBL	Volume Recovered 0 MCF
Source of Release Valve	Date and Hour of Occurrence 03/19/2015, 01:40 PM MST	Date and Hour of Discovery 03/19/2015, 01:40 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.*

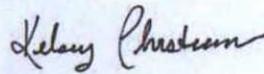
While performing routine duties Williams Op Tech discovered a valve actively leaking on the Tribal C-11A pipeline. The leak was immediately stopped and the valve was closed.

Describe Area Affected and Cleanup Action Taken.*

Approximately five BBLs of impacted soil was remediated in direct coordination with the Jicarilla Apache Tribe. Backfill approval was given via Hobson Sandoval with the Jicarilla Apache Tribe. Attached are the final soil analytical results.

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: 1/20/2016	Expiration Date:
Title: Environmental Specialist	Conditions of Approval:	
E-mail Address: kelsey.christiansen@williams.com	Attached <input type="checkbox"/>	
Date: 04/01/2015 Phone: 505-632-4606		

* Attach Additional Sheets If Necessary

NCS1509732098



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

April 10, 2015

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

RE: Tribal C-11A Clean-up

OrderNo.: 1503D25

Dear Kelsey Christiansen:

Hall Environmental Analysis Laboratory received 2 sample(s) on 3/28/2015 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 light blue horizontal line.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order 1503D25

Date Reported: 4/10/2015

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Williams Field Services

Client Sample ID: Tribal C-11A Wall Composite

Project: Tribal C-11A Clean-up

Collection Date: 3/27/2015 11:20:00 AM

Lab ID: 1503D25-001

Matrix: SOIL

Received Date: 3/28/2015 10:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	4/1/2015 1:57:26 PM	18415
Surr: DNOP	99.7	63.5-128		%REC	1	4/1/2015 1:57:26 PM	18415
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/31/2015 11:53:14 AM	18423
Surr: BFB	93.5	80-120		%REC	1	3/31/2015 11:53:14 AM	18423
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.049		mg/Kg	1	3/31/2015 11:53:14 AM	18423
Toluene	ND	0.049		mg/Kg	1	3/31/2015 11:53:14 AM	18423
Ethylbenzene	ND	0.049		mg/Kg	1	3/31/2015 11:53:14 AM	18423
Xylenes, Total	0.13	0.098		mg/Kg	1	3/31/2015 11:53:14 AM	18423
Surr: 4-Bromofluorobenzene	107	80-120		%REC	1	3/31/2015 11:53:14 AM	18423
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	110	30		mg/Kg	20	4/9/2015 3:18:40 PM	18493
EPA METHOD 418.1: TPH							Analyst: JME
Petroleum Hydrocarbons, TR	ND	20		mg/Kg	1	3/31/2015 12:00:00 PM	18419

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 Not In Range
	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: Tribal C-11A Clean-up
Lab ID: 1503D25-002

Matrix: SOIL

Client Sample ID: Tribal C-11A Bottom Composite
Collection Date: 3/27/2015 11:30:00 AM
Received Date: 3/28/2015 10:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015D: DIESEL RANGE ORGANICS							Analyst: BCN
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	4/1/2015 3:01:16 PM	18415
Surr: DNOP	101	63.5-128		%REC	1	4/1/2015 3:01:16 PM	18415
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/31/2015 1:19:30 PM	18423
Surr: BFB	91.0	80-120		%REC	1	3/31/2015 1:19:30 PM	18423
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.050		mg/Kg	1	3/31/2015 1:19:30 PM	18423
Toluene	ND	0.050		mg/Kg	1	3/31/2015 1:19:30 PM	18423
Ethylbenzene	ND	0.050		mg/Kg	1	3/31/2015 1:19:30 PM	18423
Xylenes, Total	ND	0.099		mg/Kg	1	3/31/2015 1:19:30 PM	18423
Surr: 4-Bromofluorobenzene	104	80-120		%REC	1	3/31/2015 1:19:30 PM	18423
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	ND	30		mg/Kg	20	4/9/2015 3:31:04 PM	18493
EPA METHOD 418.1: TPH							Analyst: JME
Petroleum Hydrocarbons, TR	ND	20		mg/Kg	1	3/31/2015 12:00:00 PM	18419

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 Not In Range
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#: 1503D25

10-Apr-15

Client: Williams Field Services

Project: Tribal C-11A Clean-up

Sample ID	MB-18493	SampType:	MBLK	TestCode:	EPA Method 300.0: Anions					
Client ID:	PBS	Batch ID:	18493	RunNo:	25277					
Prep Date:	4/2/2015	Analysis Date:	4/2/2015	SeqNo:	747465	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	LCS-18493	SampType:	LCS	TestCode:	EPA Method 300.0: Anions					
Client ID:	LCSS	Batch ID:	18493	RunNo:	25277					
Prep Date:	4/2/2015	Analysis Date:	4/2/2015	SeqNo:	747466	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.5	90	110			

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 Not In Range |
| 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#: 1503D25

10-Apr-15

Client: Williams Field Services

Project: Tribal C-11A Clean-up

Sample ID	MB-18419	SampType:	MBLK	TestCode:	EPA Method 418.1: TPH					
Client ID:	PBS	Batch ID:	18419	RunNo:	25190					
Prep Date:	3/30/2015	Analysis Date:	3/31/2015	SeqNo:	744472	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-18419	SampType:	LCS	TestCode:	EPA Method 418.1: TPH					
Client ID:	LCSS	Batch ID:	18419	RunNo:	25190					
Prep Date:	3/30/2015	Analysis Date:	3/31/2015	SeqNo:	744473	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Petroleum Hydrocarbons, TR	90	20	100.0	0	89.6	86.7	126			

Sample ID	LCSD-18419	SampType:	LCSD	TestCode:	EPA Method 418.1: TPH					
Client ID:	LCSS02	Batch ID:	18419	RunNo:	25190					
Prep Date:	3/30/2015	Analysis Date:	3/31/2015	SeqNo:	744474	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Petroleum Hydrocarbons, TR	94	20	100.0	0	93.6	86.7	126	4.37	20	

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 Not In Range |
| 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#: 1503D25
10-Apr-15

Client: Williams Field Services
Project: Tribal C-11A Clean-up

Sample ID MB-18415	SampType: MBLK		TestCode: EPA Method 8015D: Diesel Range Organics							
Client ID: PBS	Batch ID: 18415		RunNo: 25210							
Prep Date: 3/30/2015	Analysis Date: 4/1/2015		SeqNo: 745560				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	9.5		10.00		94.7	63.5	128			

Sample ID LCS-18415	SampType: LCS		TestCode: EPA Method 8015D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 18415		RunNo: 25210							
Prep Date: 3/30/2015	Analysis Date: 4/1/2015		SeqNo: 745613				Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	50	10	50.00	0	99.8	67.8	130			
Surr: DNOP	5.4		5.000		108	63.5	128			

Sample ID 1503D25-001AMS	SampType: MS		TestCode: EPA Method 8015D: Diesel Range Organics							
Client ID: Tribal C-11A Wall C	Batch ID: 18415		RunNo: 25210							
Prep Date: 3/30/2015	Analysis Date: 4/1/2015		SeqNo: 745615				Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	48	9.8	48.83	7.716	83.2	29.2	176			
Surr: DNOP	5.0		4.883		101	63.5	128			

Sample ID 1503D25-001AMSD	SampType: MSD		TestCode: EPA Method 8015D: Diesel Range Organics							
Client ID: Tribal C-11A Wall C	Batch ID: 18415		RunNo: 25210							
Prep Date: 3/30/2015	Analysis Date: 4/1/2015		SeqNo: 745616				Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	63	9.9	49.70	7.716	112	29.2	176	26.6	23	R
Surr: DNOP	6.4		4.970		129	63.5	128	0	0	S

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 Not In Range
- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1503D25

10-Apr-15

Client: Williams Field Services

Project: Tribal C-11A Clean-up

Sample ID	1503D25-001AMSD	SampType:	MSD	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	Tribal C-11A Wall C	Batch ID:	18423	RunNo:	25192					
Prep Date:	3/30/2015	Analysis Date:	3/31/2015	SeqNo:	744982	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	31	4.9	24.61	0	127	47.9	144	5.40	29.9	
Surr: BFB	990		984.3		100	80	120	0	0	

Sample ID	1503D25-001AMS	SampType:	MS	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	Tribal C-11A Wall C	Batch ID:	18423	RunNo:	25192					
Prep Date:	3/30/2015	Analysis Date:	3/31/2015	SeqNo:	744985	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	33	4.9	24.56	0	134	47.9	144			
Surr: BFB	1000		982.3		103	80	120			

Sample ID	LCS-18423	SampType:	LCS	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	LCSS	Batch ID:	18423	RunNo:	25192					
Prep Date:	3/30/2015	Analysis Date:	3/31/2015	SeqNo:	744986	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	5.0	25.00	0	101	64	130			
Surr: BFB	970		1000		96.6	80	120			

Sample ID	MB-18423	SampType:	MBLK	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	PBS	Batch ID:	18423	RunNo:	25192					
Prep Date:	3/30/2015	Analysis Date:	3/31/2015	SeqNo:	744987	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			

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 Not In Range
- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1503D25

10-Apr-15

Client: Williams Field Services

Project: Tribal C-11A Clean-up

Sample ID	1503D25-002AMS	SampType:	MS	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	Tribal C-11A Bottom	Batch ID:	18423	RunNo:	25192					
Prep Date:	3/30/2015	Analysis Date:	3/31/2015	SeqNo:	744992	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.3	0.050	0.9940	0	131	69.2	126			S
Toluene	1.2	0.050	0.9940	0.009434	121	65.6	128			
Ethylbenzene	1.2	0.050	0.9940	0	123	65.5	138			
Xylenes, Total	3.6	0.099	2.982	0.03437	121	63	139			
Surr: 4-Bromofluorobenzene	1.1		0.9940		108	80	120			

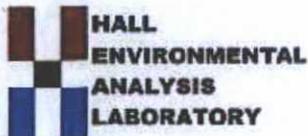
Sample ID	1503D25-002AMSD	SampType:	MSD	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	Tribal C-11A Bottom	Batch ID:	18423	RunNo:	25192					
Prep Date:	3/30/2015	Analysis Date:	3/31/2015	SeqNo:	744993	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.3	0.050	0.9940	0	136	69.2	126	3.68	18.5	S
Toluene	1.3	0.050	0.9940	0.009434	129	65.6	128	5.68	20.6	S
Ethylbenzene	1.3	0.050	0.9940	0	129	65.5	138	4.66	20.1	
Xylenes, Total	3.8	0.099	2.982	0.03437	127	63	139	4.52	21.1	
Surr: 4-Bromofluorobenzene	1.1		0.9940		110	80	120	0	0	

Sample ID	LCS-18423	SampType:	LCS	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	LCSS	Batch ID:	18423	RunNo:	25192					
Prep Date:	3/30/2015	Analysis Date:	3/31/2015	SeqNo:	744994	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.2	0.050	1.000	0	119	76.6	128			
Toluene	1.1	0.050	1.000	0	110	75	124			
Ethylbenzene	1.1	0.050	1.000	0	110	79.5	126			
Xylenes, Total	3.2	0.10	3.000	0	108	78.8	124			
Surr: 4-Bromofluorobenzene	1.1		1.000		108	80	120			

Sample ID	MB-18423	SampType:	MBLK	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	PBS	Batch ID:	18423	RunNo:	25192					
Prep Date:	3/30/2015	Analysis Date:	3/31/2015	SeqNo:	744995	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.050								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.1		1.000		107	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 Not In Range
- RL Reporting Detection Limit



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

Sample Log-In Check List

Client Name: WILLIAMS FIELD SERVI

Work Order Number: 1503D25

RcptNo: 1

Received by/date: AF 03/28/15

Logged By: Celina Sessa 3/28/2015 10:30:00 AM *Celina Sessa*

Completed By: Celina Sessa 3/30/2015 8:45:32 AM *Celina Sessa*

Reviewed By: *[Signature]* 03/30/15

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?
(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: _____ 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	2.1	Good	Yes			

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

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

JAN 12 2016 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: Trunk Q Pipeline	Facility Type: Pipeline

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

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
G	29	26N	8W					Rio Arriba

Latitude 36.46036° N Longitude -107.70329° W

NATURE OF RELEASE

Type of Release: Natural Gas	Volume of Release: 270 MCF Natural Gas	Volume Recovered: 0 MCF Natural gas
Source of Release: Pinhole	Date and Hour of Occurrence: Estimated 09/30/15 at 10:00 AM	Date and Hour of Discovery: 09/30/15 at 10:00 AM MST
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour:	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Not Applicable

Describe Cause of Problem and Remedial Action Taken.*

On September 30, 2015 Williams personnel discovered a suspected pinhole leak on the Trunk Q Pipeline which caused the release of natural gas. Once repairs and excavation was complete the gas loss was calculated to be approximately 270 MCF natural gas. Confirmation soil samples were collected to insure cleanup standards are met and are attached, along with a site specific ranking sheet.

Describe Area Affected and Cleanup Action Taken.*

Complete excavation of the impacted soil took place utilizing confirmation soil samples of the sidewalls and the base of the excavation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

OIL CONSERVATION DIVISION

Signature: 	Approved by Environmental Specialist: 	
Printed Name: Kelsey Christiansen	Approval Date: <u>1/24/2016</u>	Expiration Date:
Title: Environmental Specialist	Conditions of Approval:	Attached <input type="checkbox"/>
E-mail Address: kelsey.christiansen@williams.com		
Date: 10/14/15 Phone: (505) 632-4606		

* Attach Additional Sheets If Necessary

NCS 1531327951

11



TRUNK Q PIPELINE RELEASE			
Ranking Criteria	Ranking Score	Site-Based Ranking Score	Basis for Determination
Depth to Groundwater			
<50 feet	20	0	Pit Remediation and Closure Report for the Newsom #14 wellsite located 200 feet north of the location
50-99 feet	10		
>100 feet	0		
Wellhead Protection Area			
<1,00 feet from water source, or <200 feet from private domestic water source	Yes = 20 No = 0	0	NMOSE NMWRRS, Google Earth, and Visual Inspection
Distance to Surface Water Body			
<200 horizontal feet	20	10	Unnamed, ephemeral wash located 540 southeast of the release location
200 - 1,000 horizontal feet	10		
>1,000 horizontal feet	0		
Site Based Total Ranking Score		10	Google Earth and Visual Inspection



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

October 09, 2015

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

RE: Trunk Q Line Leak

OrderNo.: 1510105

Dear Kelsey Christiansen:

Hall Environmental Analysis Laboratory received 2 sample(s) on 10/2/2015 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 light blue circular stamp.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Williams Field Services **Client Sample ID:** Trunk Q Line Leak Sidewall Co
Project: Trunk Q Line Leak **Collection Date:** 10/1/2015 2:55:00 PM
Lab ID: 1510105-001 **Matrix:** SOIL **Received Date:** 10/2/2015 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	220	30		mg/Kg	20	10/7/2015 4:44:22 PM	21726
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: KJH
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	10/8/2015 3:08:52 AM	21643
Surr: DNOP	102	57.9-140		%REC	1	10/8/2015 3:08:52 AM	21643
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/6/2015 9:08:47 PM	21666
Surr: BFB	89.5	75.4-113		%REC	1	10/6/2015 9:08:47 PM	21666
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.047		mg/Kg	1	10/6/2015 9:08:47 PM	21666
Toluene	ND	0.047		mg/Kg	1	10/6/2015 9:08:47 PM	21666
Ethylbenzene	ND	0.047		mg/Kg	1	10/6/2015 9:08:47 PM	21666
Xylenes, Total	ND	0.094		mg/Kg	1	10/6/2015 9:08:47 PM	21666
Surr: 4-Bromofluorobenzene	108	80-120		%REC	1	10/6/2015 9:08:47 PM	21666

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

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

Analytical Report

Lab Order 1510105

Date Reported: 10/9/2015

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Williams Field Services

Client Sample ID: Trunk Q Line Leak Bottom Com

Project: Trunk Q Line Leak

Collection Date: 10/1/2015 2:50:00 PM

Lab ID: 1510105-002

Matrix: SOIL

Received Date: 10/2/2015 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: LGT
Chloride	150	30		mg/Kg	20	10/7/2015 4:56:48 PM	21726
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: KJH
Diesel Range Organics (DRO)	210	10		mg/Kg	1	10/8/2015 3:36:06 AM	21643
Surr: DNOP	98.6	57.9-140		%REC	1	10/8/2015 3:36:06 AM	21643
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	510	240		mg/Kg	50	10/6/2015 9:31:52 PM	21666
Surr: BFB	102	75.4-113		%REC	50	10/6/2015 9:31:52 PM	21666
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	6.7	2.4		mg/Kg	50	10/6/2015 9:31:52 PM	21666
Toluene	32	2.4		mg/Kg	50	10/6/2015 9:31:52 PM	21666
Ethylbenzene	4.9	2.4		mg/Kg	50	10/6/2015 9:31:52 PM	21666
Xylenes, Total	43	4.7		mg/Kg	50	10/6/2015 9:31:52 PM	21666
Surr: 4-Bromofluorobenzene	113	80-120		%REC	50	10/6/2015 9:31:52 PM	21666

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1510105
09-Oct-15

Client: Williams Field Services
Project: Trunk Q Line Leak

Sample ID	MB-21726	SampType:	MBLK	TestCode:	EPA Method 300.0: Anions					
Client ID:	PBS	Batch ID:	21726	RunNo:	29393					
Prep Date:	10/7/2015	Analysis Date:	10/7/2015	SeqNo:	894029	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	LCS-21726	SampType:	LCS	TestCode:	EPA Method 300.0: Anions					
Client ID:	LCSS	Batch ID:	21726	RunNo:	29393					
Prep Date:	10/7/2015	Analysis Date:	10/7/2015	SeqNo:	894030	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	91.3	90	110			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1510105

09-Oct-15

Client: Williams Field Services

Project: Trunk Q Line Leak

Sample ID	MB-21652	SampType:	MBLK	TestCode:	EPA Method 8015M/D: Diesel Range Organics					
Client ID:	PBS	Batch ID:	21652	RunNo:	29273					
Prep Date:	10/5/2015	Analysis Date:	10/5/2015	SeqNo:	890900	Units:	%REC			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	7.9		10.00		78.7	57.9	140			

Sample ID	LCS-21652	SampType:	LCS	TestCode:	EPA Method 8015M/D: Diesel Range Organics					
Client ID:	LCSS	Batch ID:	21652	RunNo:	29273					
Prep Date:	10/5/2015	Analysis Date:	10/5/2015	SeqNo:	890901	Units:	%REC			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.7		5.000		94.7	57.9	140			

Sample ID	MB-21643	SampType:	MBLK	TestCode:	EPA Method 8015M/D: Diesel Range Organics					
Client ID:	PBS	Batch ID:	21643	RunNo:	29273					
Prep Date:	10/2/2015	Analysis Date:	10/7/2015	SeqNo:	894135	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Surr: DNOP	10		10.00		104	57.9	140			

Sample ID	LCS-21643	SampType:	LCS	TestCode:	EPA Method 8015M/D: Diesel Range Organics					
Client ID:	LCSS	Batch ID:	21643	RunNo:	29273					
Prep Date:	10/2/2015	Analysis Date:	10/7/2015	SeqNo:	894136	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	44	10	50.00	0	88.9	57.4	139			
Surr: DNOP	4.8		5.000		95.7	57.9	140			

Sample ID	MB-21737	SampType:	MBLK	TestCode:	EPA Method 8015M/D: Diesel Range Organics					
Client ID:	PBS	Batch ID:	21737	RunNo:	29273					
Prep Date:	10/8/2015	Analysis Date:	10/8/2015	SeqNo:	894229	Units:	%REC			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	9.9		10.00		98.6	57.9	140			

Sample ID	LCS-21737	SampType:	LCS	TestCode:	EPA Method 8015M/D: Diesel Range Organics					
Client ID:	LCSS	Batch ID:	21737	RunNo:	29273					
Prep Date:	10/8/2015	Analysis Date:	10/8/2015	SeqNo:	894230	Units:	%REC			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	5.1		5.000		103	57.9	140			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1510105

09-Oct-15

Client: Williams Field Services

Project: Trunk Q Line Leak

Sample ID	MB-21666	SampType:	MBLK	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	PBS	Batch ID:	21666	RunNo:	29332					
Prep Date:	10/5/2015	Analysis Date:	10/6/2015	SeqNo:	892323	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	75.4	113			

Sample ID	LCS-21666	SampType:	LCS	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	LCSS	Batch ID:	21666	RunNo:	29332					
Prep Date:	10/5/2015	Analysis Date:	10/6/2015	SeqNo:	892324	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	5.0	25.00	0	103	79.6	122			
Surr: BFB	940		1000		94.1	75.4	113			

Qualifiers:

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1510105

09-Oct-15

Client: Williams Field Services

Project: Trunk Q Line Leak

Sample ID	MB-21666	SampType:	MBLK	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	PBS	Batch ID:	21666	RunNo:	29332					
Prep Date:	10/5/2015	Analysis Date:	10/6/2015	SeqNo:	892366	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.050								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.0		1.000		103	80	120			

Sample ID	LCS-21666	SampType:	LCS	TestCode:	EPA Method 8021B: Volatiles					
Client ID:	LCSS	Batch ID:	21666	RunNo:	29332					
Prep Date:	10/5/2015	Analysis Date:	10/6/2015	SeqNo:	892368	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	96.7	80	120			
Toluene	0.94	0.050	1.000	0	94.3	80	120			
Ethylbenzene	0.97	0.050	1.000	0	96.8	80	120			
Xylenes, Total	2.9	0.10	3.000	0	97.2	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		110	80	120			

Qualifiers:

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

Sample Log-In Check List

Client Name: WILLIAMS FIELD SERVI

Work Order Number: 1510105

RepNo: 1

Received by/date: JA 10/02/15
 Logged By: Lindsay Mangin 10/2/2015 8:00:00 AM
 Completed By: Lindsay Mangin 10/5/2015 8:17:04 AM
 Reviewed By: JA 10/05/15

[Handwritten signatures]

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

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

OIL CONS. DIV DIST. 3

Form C-141
Revised August 8, 2011

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

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

Name of Company: Williams Four Corners LLC	Contact: Kelsey Christiansen
Address: 188 CR 4900, Bloomfield, NM 87413	Telephone No.: (505) 632-4606
Facility Name: 31-6 #49 Pipeline	Facility Type: Pipeline

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

LOCATION OF RELEASE

Unit Letter H	Section 5	Township 30N	Range 6W	Feet from the	North/South Line	Feet from the	East/West Line	County Rio Arriba
------------------	--------------	-----------------	-------------	---------------	------------------	---------------	----------------	----------------------

Latitude 36.84391° N Longitude -107.48028° W

NATURE OF RELEASE

Type of Release: Natural Gas	Volume of Release: 80.5 MCF Natural Gas	Volume Recovered: 0 MCF Natural gas
Source of Release: Pinhole	Date and Hour of Occurrence: Estimated 09/30/15 at 01:00 PM	Date and Hour of Discovery: 09/30/15 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

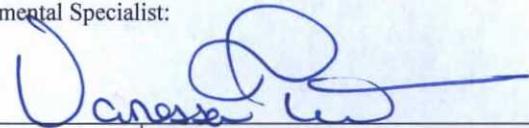
Describe Cause of Problem and Remedial Action Taken.*

On September 30, 2015 Williams personnel discovered a suspected pinhole leak on the 31-6 #49 Pipeline which caused the release of natural gas. Once repairs and excavation was complete the gas loss was calculated to be approximately 80.5 MCF natural gas. Confirmation soil samples were collected to insure cleanup standards are met and are attached.

Describe Area Affected and Cleanup Action Taken.*

Complete excavation of the impacted soil will take place utilizing confirmation soil samples of the sidewalls and the base of the excavation.

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: Printed Name: Kelsey Christiansen Title: Environmental Specialist E-mail Address: kelsey.christiansen@williams.com Date: 10/29/15 Phone: (505) 632-4606	OIL CONSERVATION DIVISION	
	Approved by Environmental Specialist:	
		
	Approval Date: 1/20/2016	Expiration Date:
	Conditions of Approval:	Attached <input type="checkbox"/>

* Attach Additional Sheets If Necessary

NEG1531328642





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

October 23, 2015

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

RE: SJ 31-6 #49G Line Leak

OrderNo.: 1510859

Dear Kelsey Christiansen:

Hall Environmental Analysis Laboratory received 2 sample(s) on 10/16/2015 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 light blue horizontal line.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order 1510859

Date Reported: 10/23/2015

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Williams Field Services

Client Sample ID: SJ 31-6 #49G Wall Composite

Project: SJ 31-6 #49G Line Leak

Collection Date: 10/13/2015 11:50:00 AM

Lab ID: 1510859-001

Matrix: SOIL

Received Date: 10/16/2015 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							
Analyst: LGT							
Chloride	58	30		mg/Kg	20	10/21/2015 10:05:44 PM	21966
EPA METHOD 8015D MOD: GASOLINE RANGE							
Analyst: DJF							
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/21/2015 6:05:06 AM	21902
Surr: BFB	103	70-130		%REC	1	10/21/2015 6:05:06 AM	21902
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							
Analyst: KJH							
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	10/20/2015 11:54:33 PM	21912
Surr: DNOP	98.9	70-130		%REC	1	10/20/2015 11:54:33 PM	21912
EPA METHOD 8260B: VOLATILES SHORT LIST							
Analyst: DJF							
Benzene	ND	0.049		mg/Kg	1	10/21/2015 6:05:06 AM	21902
Toluene	ND	0.049		mg/Kg	1	10/21/2015 6:05:06 AM	21902
Ethylbenzene	ND	0.049		mg/Kg	1	10/21/2015 6:05:06 AM	21902
Xylenes, Total	ND	0.099		mg/Kg	1	10/21/2015 6:05:06 AM	21902
Surr: 1,2-Dichloroethane-d4	94.4	70-130		%REC	1	10/21/2015 6:05:06 AM	21902
Surr: 4-Bromofluorobenzene	97.6	70-130		%REC	1	10/21/2015 6:05:06 AM	21902
Surr: Dibromofluoromethane	110	70-130		%REC	1	10/21/2015 6:05:06 AM	21902
Surr: Toluene-d8	93.9	70-130		%REC	1	10/21/2015 6:05:06 AM	21902

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

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

Analytical Report

Lab Order 1510859

Date Reported: 10/23/2015

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Williams Field Services

Client Sample ID: SJ 31-6 #49G Bottom Composite

Project: SJ 31-6 #49G Line Leak

Collection Date: 10/13/2015 12:15:00 PM

Lab ID: 1510859-002

Matrix: SOIL

Received Date: 10/16/2015 7:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							
Analyst: LGT							
Chloride	86	30		mg/Kg	20	10/21/2015 10:42:58 PM	21966
EPA METHOD 8015D MOD: GASOLINE RANGE							
Analyst: DJF							
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/21/2015 6:32:33 AM	21902
Surr: BFB	98.6	70-130		%REC	1	10/21/2015 6:32:33 AM	21902
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							
Analyst: KJH							
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	10/21/2015 12:15:46 AM	21912
Surr: DNOP	97.4	70-130		%REC	1	10/21/2015 12:15:46 AM	21912
EPA METHOD 8260B: VOLATILES SHORT LIST							
Analyst: DJF							
Benzene	ND	0.049		mg/Kg	1	10/21/2015 6:32:33 AM	21902
Toluene	ND	0.049		mg/Kg	1	10/21/2015 6:32:33 AM	21902
Ethylbenzene	ND	0.049		mg/Kg	1	10/21/2015 6:32:33 AM	21902
Xylenes, Total	ND	0.098		mg/Kg	1	10/21/2015 6:32:33 AM	21902
Surr: 1,2-Dichloroethane-d4	98.1	70-130		%REC	1	10/21/2015 6:32:33 AM	21902
Surr: 4-Bromofluorobenzene	94.8	70-130		%REC	1	10/21/2015 6:32:33 AM	21902
Surr: Dibromofluoromethane	115	70-130		%REC	1	10/21/2015 6:32:33 AM	21902
Surr: Toluene-d8	93.5	70-130		%REC	1	10/21/2015 6:32:33 AM	21902

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1510859

23-Oct-15

Client: Williams Field Services

Project: SJ 31-6 #49G Line Leak

Sample ID	MB-21966	SampType:	MBLK	TestCode:	EPA Method 300.0: Anions					
Client ID:	PBS	Batch ID:	21966	RunNo:	29719					
Prep Date:	10/21/2015	Analysis Date:	10/21/2015	SeqNo:	905153	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	LCS-21966	SampType:	LCS	TestCode:	EPA Method 300.0: Anions					
Client ID:	LCSS	Batch ID:	21966	RunNo:	29719					
Prep Date:	10/21/2015	Analysis Date:	10/21/2015	SeqNo:	905154	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	90.8	90	110			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1510859

23-Oct-15

Client: Williams Field Services

Project: SJ 31-6 #49G Line Leak

Sample ID	MB-21912	SampType:	MBLK	TestCode:	EPA Method 8015M/D: Diesel Range Organics					
Client ID:	PBS	Batch ID:	21912	RunNo:	29662					
Prep Date:	10/19/2015	Analysis Date:	10/20/2015	SeqNo:	903701	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Surr: DNOP	10		10.00		101	70	130			

Sample ID	LCS-21912	SampType:	LCS	TestCode:	EPA Method 8015M/D: Diesel Range Organics					
Client ID:	LCSS	Batch ID:	21912	RunNo:	29662					
Prep Date:	10/19/2015	Analysis Date:	10/20/2015	SeqNo:	903702	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	50	10	50.00	0	99.8	57.4	139			
Surr: DNOP	4.9		5.000		97.7	70	130			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1510859

23-Oct-15

Client: Williams Field Services

Project: SJ 31-6 #49G Line Leak

Sample ID	mb-21902	SampType:	MBLK	TestCode:	EPA Method 8260B: Volatiles Short List					
Client ID:	PBS	Batch ID:	21902	RunNo:	29670					
Prep Date:	10/19/2015	Analysis Date:	10/21/2015	SeqNo:	903964	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: 1,2-Dichloroethane-d4	0.47		0.5000		93.3	70	130			
Surr: 4-Bromofluorobenzene	0.50		0.5000		99.1	70	130			
Surr: Dibromofluoromethane	0.57		0.5000		115	70	130			
Surr: Toluene-d8	0.45		0.5000		89.6	70	130			

Sample ID	lcs-21902	SampType:	LCS	TestCode:	EPA Method 8260B: Volatiles Short List					
Client ID:	LCSS	Batch ID:	21902	RunNo:	29670					
Prep Date:	10/19/2015	Analysis Date:	10/21/2015	SeqNo:	903965	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	95.5	70	130			
Toluene	0.95	0.050	1.000	0	95.2	70	130			
Ethylbenzene	0.97	0.050	1.000	0	97.0	70	130			
Xylenes, Total	2.8	0.10	3.000	0	93.8	70	130			
Surr: 1,2-Dichloroethane-d4	0.50		0.5000		101	70	130			
Surr: 4-Bromofluorobenzene	0.50		0.5000		99.8	70	130			
Surr: Dibromofluoromethane	0.57		0.5000		114	70	130			
Surr: Toluene-d8	0.48		0.5000		96.1	70	130			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1510859

23-Oct-15

Client: Williams Field Services

Project: SJ 31-6 #49G Line Leak

Sample ID	mb-21902	SampType:	MBLK	TestCode:	EPA Method 8015D Mod: Gasoline Range					
Client ID:	PBS	Batch ID:	21902	RunNo:	29670					
Prep Date:	10/19/2015	Analysis Date:	10/21/2015	SeqNo:	903982	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	520		500.0		104	70	130			

Sample ID	ics-21902	SampType:	LCS	TestCode:	EPA Method 8015D Mod: Gasoline Range					
Client ID:	LCSS	Batch ID:	21902	RunNo:	29670					
Prep Date:	10/19/2015	Analysis Date:	10/20/2015	SeqNo:	903983	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	5.0	25.00	0	87.8	70	123			
Surr: BFB	520		500.0		105	70	130			

Qualifiers:

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



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

Sample Log-In Check List

Client Name: WILLIAMS FIELD SERVI

Work Order Number: 1510859

RcptNo: 1

Received by/date: JA 10/16/15

Logged By: Anne Thorne 10/16/2015 7:15:00 AM *Anne Thorne*

Completed By: Anne Thorne 10/19/2015 *Anne Thorne*

Reviewed By: *JA* 10/19/15

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? (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: _____ 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	2.5	Good	Yes			

Chain-of-Custody Record

Client: *WFS*

Mailing Address: *188 CK 4900*

Bloomfield NM 87415

Phone #: *505-215-7433*

email or Fax#: *Kelsey.Christiansen@hallenv.com*

QA/QC Package:

Standard Level 4 (Full Validation)

Accreditation

NELAP Other

EDD (Type)

Project Manager:

Kelsey Christiansen

Sampler: *Mike Stahl*

On Ice: Yes No

Sample Temperature: *2-5*

Date Time Matrix Sample Request ID

9/13/15 1150 Soil SJ 31-6 #496

9/13/15 1205 Soil SJ 31-6 #496

Bottom composite

Container Type and #

1-402

1-402

Preservative Type

COOL

COOL

HEAL No.

1510159

201

202

BTEX + MTBE + TMB's (8021)

X

BTEX + MTBE + TPH (Gas only)

X

TPH 8015B (GRO / DRO / MRO)

X

TPH (Method 418.1)

EDB (Method 504.1)

PAH's (8310 or 8270 SIMS)

RCRA 8 Metals

Anions (F, Cl, NO₃, NO₂, PO₄, SO₄)

8081 Pesticides / 8082 PCB's

8260B (VOA)

8270 (Semi-VOA)

X Chloride

Air Bubbles (Y or N)

Turn-Around Time:

Standard Rush

Project Name:

SJ 31-6 #496 Line Leak

Project #:

Analysis Request

Remarks:

Received by: *Mary Killion* Date Time: *10-15-15 7:30*

Relinquished by: *Mike Stahl*

Received by: *Christie Walt* Date Time: *10/15/15 1830*

Relinquished by: *Sp. Stahl*

Date Time: *10/15/15 2000*

10/10/15 0715

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.