

3R-1014

**Release Report/ General
Correspondence**

Williams RA

Date: Apr-Jun 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

MAY 28 2015

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 Wildhorse Compressor Station | Facility Type Compressor Station |
| Surface Owner Jicarilla Apache Nation | Mineral Owner |
| | API No. |

LOCATION OF RELEASE

| Unit Letter | Section | Township | Range | Feet from the | North/South Line | Feet from the | East/West Line | County |
|-------------|---------|----------|-------|---------------|------------------|---------------|----------------|------------|
| D | 27 | 26N | 4W | | | | | Rio Arriba |

Latitude 36.45006° N Longitude -107.24430° W

NATURE OF RELEASE

| | | |
|--|--|---|
| Type of Release Natural Gas | Volume of Release Estimated at 174 MCF | Volume Recovered 0 MCF |
| Source of Release Valve | Date and Hour of Occurrence 04/07/2015, 09:00 AM MST | Date and Hour of Discovery 04/07/2015, 09:00 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.*

The dump valve was discovered by Williams personnel to be left open and resulted in the loss of approximately 174 MCF of natural gas and a non-reportable amount of condensate. Upon discovery the valve was immediately closed to prevent further gas loss. Majority of the condensate liquid was contained within the lined secondary containment.

Describe Area Affected and Cleanup Action Taken.*

No clean-up required for natural gas release. Approximately five gallons of impacted soil was remediated in direct coordination with the Jicarilla Apache Tribe. Backfill approval was given via email to Williams on 04/30/15. 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.

| | | |
|--|--|------------------|
| Signature: <i>Kelsey Christiansen</i> | OIL CONSERVATION DIVISION | |
| | Approved by Environmental Specialist: <i>[Signature]</i> | |
| Printed Name: Kelsey Christiansen | Approval Date: 7/6/15 | Expiration Date: |
| Title: Environmental Specialist | Conditions of Approval: | |
| E-mail Address: kelsey.christiansen@williams.com | Attached <input type="checkbox"/> | |
| Date: 05/19/2015 | Phone: 505-632-4606 | |

* Attach Additional Sheets If Necessary

#WCS 1518756338

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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 white background.

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 | |

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 Bottom Composite

Project: Tribal C-11A Clean-up

Collection Date: 3/27/2015 11:30:00 AM

Lab ID: 1503D25-002

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 | 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.
- 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 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.
- 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 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 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: 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 | | | |

MAY 28 2015

Form C-141
Revised August 8, 2011

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

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 D2 Lateral | Facility Type Pipeline |
| Surface Owner Jicarilla Apache Nation | 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 | 12 | 26N | 3W | | | | | Rio Arriba |

Latitude 36.50451° N Longitude -107.30341° W

NATURE OF RELEASE

| | | |
|--|---|---|
| Type of Release Natural Gas Release from pipeline | Volume of Release 917 MCF | Volume Recovered 0 MCF |
| Source of Release Pinhole | Date and Hour of Occurrence 03/31/2015, 10:00 AM | Date and Hour of Discovery 03/31/2015, 10:00 AM |
| Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required | If YES, To Whom? Johnathan Kelly, NMOCD Bryce Hammond, Jicarilla Oil and Gas Hobson Sandoval, Jicarilla Apache Tribe | |
| By Whom? Kelsey Christiansen | Date and Hour 04/01/2015 @ 2:15 PM MST | |
| Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | If YES, Volume Impacting the Watercourse. | |

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

Describe Cause of Problem and Remedial Action Taken.*
While performing routine duties Williams Op Tech discovered an odor coming from a pinhole leak on the D2 Lateral pipeline. The pipeline was immediately shut in and actions were taken to repair the pipeline.

Describe Area Affected and Cleanup Action Taken.*
While repairing the pipeline impacted soil was discovered. Remediation measures took place in direct coordination with the Jicarilla Apache Tribe and approval to backfill was given on 04/30/15. Attached are the soil analytical results associated with this 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: 8/5/15 | Expiration Date: |
| Title: Environmental Specialist | Conditions of Approval: | |
| E-mail Address: kelsey.christiansen@williams.com | Attached <input type="checkbox"/> | |
| Date: 05/25/2015 | Phone: 505-632-4606 | |

* Attach Additional Sheets If Necessary

#NCS 1509732278

12



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

April 20, 2015

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

RE: Lateral D-2 Line Leak

OrderNo.: 1504414

Dear Matt Webre:

Hall Environmental Analysis Laboratory received 2 sample(s) on 4/9/2015 for the analyses presented in the following report.

This report is a revised report and it replaces the original report issued April 14, 2015.

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. 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. All samples are reported as received unless otherwise indicated.

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

Sincerely,

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

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Williams Field Services

Client Sample ID: Lat D-2 Wall Composite

Project: Lateral D-2 Line Leak

Collection Date: 4/8/2015 1:00:00 PM

Lab ID: 1504414-001

Matrix: SOIL

Received Date: 4/9/2015 8:09:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 8015D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | 16 | 9.7 | | mg/Kg | 1 | 4/10/2015 2:51:48 PM | 18604 |
| Surr: DNOP | 94.5 | 63.5-128 | | %REC | 1 | 4/10/2015 2:51:48 PM | 18604 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | 26 | 4.8 | | mg/Kg | 1 | 4/10/2015 1:52:08 PM | 18596 |
| Surr: BFB | 151 | 80-120 | S | %REC | 1 | 4/10/2015 1:52:08 PM | 18596 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.048 | | mg/Kg | 1 | 4/10/2015 1:52:08 PM | 18596 |
| Toluene | 0.27 | 0.048 | | mg/Kg | 1 | 4/10/2015 1:52:08 PM | 18596 |
| Ethylbenzene | 0.15 | 0.048 | | mg/Kg | 1 | 4/10/2015 1:52:08 PM | 18596 |
| Xylenes, Total | 2.0 | 0.096 | | mg/Kg | 1 | 4/10/2015 1:52:08 PM | 18596 |
| Surr: 4-Bromofluorobenzene | 117 | 80-120 | | %REC | 1 | 4/10/2015 1:52:08 PM | 18596 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: LGT |
| Chloride | ND | 30 | | mg/Kg | 20 | 4/13/2015 1:39:33 PM | 18650 |
| EPA METHOD 418.1: TPH | | | | | | | Analyst: JME |
| Petroleum Hydrocarbons, TR | ND | 20 | | mg/Kg | 1 | 4/17/2015 12:00:00 PM | 18725 |

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

Client Sample ID: Lat D-2 Bottom Composite (Roc

Project: Lateral D-2 Line Leak

Collection Date: 4/8/2015 1:10:00 PM

Lab ID: 1504414-002

Matrix: SOIL

Received Date: 4/9/2015 8:09:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|-----|-----------------------|---------------------|
| EPA METHOD 8015D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | 1600 | 100 | | mg/Kg | 10 | 4/10/2015 3:18:53 PM | 18604 |
| Surr: DNOP | 0 | 63.5-128 | S | %REC | 10 | 4/10/2015 3:18:53 PM | 18604 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | 4200 | 470 | | mg/Kg | 100 | 4/11/2015 6:07:56 PM | 18596 |
| Surr: BFB | 195 | 80-120 | S | %REC | 100 | 4/11/2015 6:07:56 PM | 18596 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | 12 | 4.7 | | mg/Kg | 100 | 4/11/2015 6:07:56 PM | 18596 |
| Toluene | 210 | 4.7 | | mg/Kg | 100 | 4/11/2015 6:07:56 PM | 18596 |
| Ethylbenzene | 45 | 4.7 | | mg/Kg | 100 | 4/11/2015 6:07:56 PM | 18596 |
| Xylenes, Total | 490 | 9.5 | | mg/Kg | 100 | 4/11/2015 6:07:56 PM | 18596 |
| Surr: 4-Bromofluorobenzene | 116 | 80-120 | | %REC | 100 | 4/11/2015 6:07:56 PM | 18596 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: LGT |
| Chloride | 420 | 30 | | mg/Kg | 20 | 4/13/2015 1:51:58 PM | 18650 |
| EPA METHOD 418.1: TPH | | | | | | | Analyst: JME |
| Petroleum Hydrocarbons, TR | 6100 | 200 | | mg/Kg | 10 | 4/17/2015 12:00:00 PM | 18725 |

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#: 1504414

20-Apr-15

Client: Williams Field Services

Project: Lateral D-2 Line Leak

| | | | | | | | | | | |
|------------|------------------|----------------|------------------|-------------|---------------------------------|----------|--------------|------|----------|------|
| Sample ID | MB-18650 | SampType: | MBLK | TestCode: | EPA Method 300.0: Anions | | | | | |
| Client ID: | PBS | Batch ID: | 18650 | RunNo: | 25488 | | | | | |
| Prep Date: | 4/13/2015 | Analysis Date: | 4/13/2015 | SeqNo: | 754866 | Units: | mg/Kg | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | ND | 1.5 | | | | | | | | |

| | | | | | | | | | | |
|------------|------------------|----------------|------------------|-------------|---------------------------------|----------|--------------|------|----------|------|
| Sample ID | LCS-18650 | SampType: | LCS | TestCode: | EPA Method 300.0: Anions | | | | | |
| Client ID: | LCSS | Batch ID: | 18650 | RunNo: | 25488 | | | | | |
| Prep Date: | 4/13/2015 | Analysis Date: | 4/13/2015 | SeqNo: | 754867 | Units: | mg/Kg | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | 14 | 1.5 | 15.00 | 0 | 92.3 | 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 Not In Range
- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1504414

20-Apr-15

Client: Williams Field Services

Project: Lateral D-2 Line Leak

| | | | | | | | | | | |
|----------------------------|------------------|----------------|------------------|-------------|------------------------------|----------|--------------|------|----------|------|
| Sample ID | MB-18725 | SampType: | MBLK | TestCode: | EPA Method 418.1: TPH | | | | | |
| Client ID: | PBS | Batch ID: | 18725 | RunNo: | 25588 | | | | | |
| Prep Date: | 4/16/2015 | Analysis Date: | 4/17/2015 | SeqNo: | 758166 | 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-18725 | SampType: | LCS | TestCode: | EPA Method 418.1: TPH | | | | | |
| Client ID: | LCSS | Batch ID: | 18725 | RunNo: | 25588 | | | | | |
| Prep Date: | 4/16/2015 | Analysis Date: | 4/17/2015 | SeqNo: | 758167 | Units: | mg/Kg | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Petroleum Hydrocarbons, TR | 97 | 20 | 100.0 | 0 | 97.3 | 86.7 | 126 | | | |

| | | | | | | | | | | |
|----------------------------|-------------------|----------------|------------------|-------------|------------------------------|----------|--------------|------|----------|------|
| Sample ID | LCSD-18725 | SampType: | LCSD | TestCode: | EPA Method 418.1: TPH | | | | | |
| Client ID: | LCSS02 | Batch ID: | 18725 | RunNo: | 25588 | | | | | |
| Prep Date: | 4/16/2015 | Analysis Date: | 4/17/2015 | SeqNo: | 758168 | Units: | mg/Kg | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Petroleum Hydrocarbons, TR | 99 | 20 | 100.0 | 0 | 98.5 | 86.7 | 126 | 1.30 | 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#: 1504414

20-Apr-15

Client: Williams Field Services

Project: Lateral D-2 Line Leak

| | | | | | | | | | | |
|-----------------------------|-----------------|----------------|------------------|-------------|--|----------|--------------|------|----------|------|
| Sample ID | MB-18604 | SampType: | MBLK | TestCode: | EPA Method 8015D: Diesel Range Organics | | | | | |
| Client ID: | PBS | Batch ID: | 18604 | RunNo: | 25410 | | | | | |
| Prep Date: | 4/9/2015 | Analysis Date: | 4/10/2015 | SeqNo: | 753569 | 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 | 9.6 | | 10.00 | | 95.9 | 63.5 | 128 | | | |

| | | | | | | | | | | |
|-----------------------------|------------------|----------------|------------------|-------------|--|----------|--------------|------|----------|------|
| Sample ID | LCS-18604 | SampType: | LCS | TestCode: | EPA Method 8015D: Diesel Range Organics | | | | | |
| Client ID: | LCSS | Batch ID: | 18604 | RunNo: | 25410 | | | | | |
| Prep Date: | 4/9/2015 | Analysis Date: | 4/10/2015 | SeqNo: | 753572 | Units: | mg/Kg | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 53 | 10 | 50.00 | 0 | 106 | 67.8 | 130 | | | |
| Surr: DNOP | 4.5 | | 5.000 | | 89.3 | 63.5 | 128 | | | |

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#: 1504414
20-Apr-15

Client: Williams Field Services
Project: Lateral D-2 Line Leak

| Sample ID | MB-18596 | SampType: | MBLK | TestCode: | EPA Method 8015D: Gasoline Range | | | | | |
|-------------------------------|-----------------|----------------|------------------|-------------|---|----------|--------------|------|----------|------|
| Client ID: | PBS | Batch ID: | 18596 | RunNo: | 25429 | | | | | |
| Prep Date: | 4/9/2015 | Analysis Date: | 4/10/2015 | SeqNo: | 752655 | 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 | 890 | | 1000 | | 88.6 | 80 | 120 | | | |

| Sample ID | LCS-18596 | SampType: | LCS | TestCode: | EPA Method 8015D: Gasoline Range | | | | | |
|-------------------------------|------------------|----------------|------------------|-------------|---|----------|--------------|------|----------|------|
| Client ID: | LCSS | Batch ID: | 18596 | RunNo: | 25429 | | | | | |
| Prep Date: | 4/9/2015 | Analysis Date: | 4/10/2015 | SeqNo: | 752656 | 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 | 64 | 130 | | | |
| Surr: BFB | 950 | | 1000 | | 94.7 | 80 | 120 | | | |

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#: 1504414

20-Apr-15

Client: Williams Field Services

Project: Lateral D-2 Line Leak

| Sample ID: MB-18596 | SampType: MBLK | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
|----------------------------|---------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 18596 | RunNo: 25429 | | | | | | | | |
| Prep Date: 4/9/2015 | Analysis Date: 4/10/2015 | SeqNo: 752689 | 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 | | 102 | 80 | 120 | | | |

| Sample ID: LCS-18596 | SampType: LCS | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
|-----------------------------|---------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 18596 | RunNo: 25429 | | | | | | | | |
| Prep Date: 4/9/2015 | Analysis Date: 4/10/2015 | SeqNo: 752690 | 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 | 115 | 76.6 | 128 | | | |
| Toluene | 1.1 | 0.050 | 1.000 | 0 | 106 | 75 | 124 | | | |
| Ethylbenzene | 1.1 | 0.050 | 1.000 | 0 | 113 | 79.5 | 126 | | | |
| Xylenes, Total | 3.4 | 0.10 | 3.000 | 0 | 113 | 78.8 | 124 | | | |
| Surr: 4-Bromofluorobenzene | 1.1 | | 1.000 | | 108 | 80 | 120 | | | |

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
 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: 1504414

RcptNo: 1

Received by/date: AG 04/09/15

Logged By: Lindsay Mangin 4/9/2015 8:09:00 AM *Jessie Mangin*

Completed By: Lindsay Mangin 4/9/2015 10:35:01 AM *Jessie Mangin*

Reviewed By: JA 04/09/15

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 | 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

MAY 28 2015

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: A-Ridge Inlet Pipeline | Facility Type: Pipeline |
| Surface Owner: Jicarilla Apache Nation | Mineral Owner |
| API No. | |

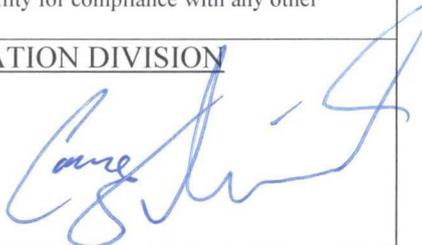
LOCATION OF RELEASE

| Unit Letter | Section | Township | Range | Feet from the | North/South Line | Feet from the | East/West Line | County |
|-------------|---------|----------|-------|---------------|------------------|---------------|----------------|------------|
| G | 23 | 26N | 4W | | | | | Rio Arriba |

Latitude 36.473708° N Longitude -107.220953° W

NATURE OF RELEASE

| | | |
|--|---|--|
| Type of Release: Natural Gas | Volume of Release: 86.1 MCF Natural Gas | Volume Recovered: 0 MCF Natural gas |
| Source of Release: Pinhole | Date and Hour of Occurrence: Unknown | Date and Hour of Discovery: 05/12/15 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.* On May 13, 2015 Williams personnel discovered a pinhole on the A-Ridge Pipeline which caused the release of approximately 86.1 MCF of natural gas. Williams personnel are currently in the process of repairing the pinhole in the pipeline. | | |
| Describe Area Affected and Cleanup Action Taken.* If impacted soil is encountered during repairs remediation activities will take place in direct coordination with the Jicarilla Apache Tribe. | | |
| 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: 8/5/15 | Expiration Date: |
| Title: Environmental Specialist | Conditions of Approval: | |
| E-mail Address: kelsey.christiansen@williams.com | Attached <input type="checkbox"/> | |
| Date: 05/19/15 Phone: (505) 632-4606 | | |

* Attach Additional Sheets If Necessary

#NCS 1521742464

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

OIL CONS. DIV DIST. 3

JUL 13 2015

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: A-Ridge Inlet Pipeline | Facility Type: Pipeline | |
| Surface Owner: Jicarilla Apache Nation | 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 | 23 | 26N | 4W | | | | | Rio Arriba |

Latitude 36.473708° N Longitude -107.220953° W

NATURE OF RELEASE

| | | |
|--|---|--|
| Type of Release: Natural Gas | Volume of Release: 86.1 MCF Natural Gas | Volume Recovered: 0 MCF Natural gas |
| Source of Release: Pinhole | Date and Hour of Occurrence: Unknown | Date and Hour of Discovery: 05/12/15 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.* On May 13, 2015 Williams personnel discovered a pinhole on the A-Ridge Pipeline which caused the release of approximately 86.1 MCF of natural gas. Williams personnel are currently in the process of repairing the pinhole in the pipeline. | | |
| Describe Area Affected and Cleanup Action Taken.* If impacted soil is encountered during repairs remediation activities will take place in direct coordination with the Jicarilla Apache Tribe. | | |
| 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 | <i>Duplicate</i> | |
| Title: Environmental Specialist | Approval Date: | Expiration Date: |
| E-mail Address: kelsey.christiansen@williams.com | Conditions of Approval: | |
| Date: 05/19/15 Phone: (505) 632-4606 | Attached <input type="checkbox"/> | |

* Attach Additional Sheets If Necessary



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

June 01, 2015

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

RE: Jic A 10E / A ridge Suction

OrderNo.: 1505A02

Dear Kelsey Christiansen:

Hall Environmental Analysis Laboratory received 2 sample(s) on 5/22/2015 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

Analytical Report

Lab Order 1505A02

Date Reported: 6/1/2015

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Williams Field Services

Client Sample ID: Jic A 10 E/A Ridge Wall Comp

Project: Jic A 10E / A ridge Suction

Collection Date: 5/21/2015 1:00:00 PM

Lab ID: 1505A02-001

Matrix: SOIL

Received Date: 5/22/2015 6:10:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 418.1: TPH | | | | | | | Analyst: TOM |
| Petroleum Hydrocarbons, TR | ND | 20 | | mg/Kg | 1 | 5/27/2015 12:00:00 PM | 19391 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: LGT |
| Chloride | 150 | 30 | | mg/Kg | 20 | 5/27/2015 4:15:53 PM | 19403 |
| EPA METHOD 8015D: DIESEL RANGE ORGANICS | | | | | | | Analyst: KJH |
| Diesel Range Organics (DRO) | ND | 9.7 | | mg/Kg | 1 | 5/27/2015 2:12:54 PM | 19380 |
| Surr: DNOP | 92.1 | 57.9-140 | | %REC | 1 | 5/27/2015 2:12:54 PM | 19380 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 4.9 | | mg/Kg | 1 | 5/27/2015 12:50:26 AM | 19360 |
| Surr: BFB | 90.7 | 75.4-113 | | %REC | 1 | 5/27/2015 12:50:26 AM | 19360 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.049 | | mg/Kg | 1 | 5/27/2015 12:50:26 AM | 19360 |
| Toluene | ND | 0.049 | | mg/Kg | 1 | 5/27/2015 12:50:26 AM | 19360 |
| Ethylbenzene | ND | 0.049 | | mg/Kg | 1 | 5/27/2015 12:50:26 AM | 19360 |
| Xylenes, Total | ND | 0.097 | | mg/Kg | 1 | 5/27/2015 12:50:26 AM | 19360 |
| Surr: 4-Bromofluorobenzene | 96.0 | 80-120 | | %REC | 1 | 5/27/2015 12:50:26 AM | 19360 |

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 | |

Analytical Report

Lab Order 1505A02

Date Reported: 6/1/2015

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Williams Field Services

Client Sample ID: Jic A 10 E / A Ridge 130 Hom C

Project: Jic A 10E / A ridge Suction

Collection Date: 5/21/2015 1:15:00 PM

Lab ID: 1505A02-002

Matrix: SOIL

Received Date: 5/22/2015 6:10:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 418.1: TPH | | | | | | | Analyst: TOM |
| Petroleum Hydrocarbons, TR | ND | 20 | | mg/Kg | 1 | 5/27/2015 12:00:00 PM | 19391 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: LGT |
| Chloride | 420 | 30 | | mg/Kg | 20 | 5/27/2015 4:28:18 PM | 19403 |
| EPA METHOD 8015D: DIESEL RANGE ORGANICS | | | | | | | Analyst: KJH |
| Diesel Range Organics (DRO) | ND | 9.8 | | mg/Kg | 1 | 5/27/2015 2:34:04 PM | 19380 |
| Surr: DNOP | 87.2 | 57.9-140 | | %REC | 1 | 5/27/2015 2:34:04 PM | 19380 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 4.9 | | mg/Kg | 1 | 5/27/2015 1:19:10 AM | 19360 |
| Surr: BFB | 90.5 | 75.4-113 | | %REC | 1 | 5/27/2015 1:19:10 AM | 19360 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.049 | | mg/Kg | 1 | 5/27/2015 1:19:10 AM | 19360 |
| Toluene | ND | 0.049 | | mg/Kg | 1 | 5/27/2015 1:19:10 AM | 19360 |
| Ethylbenzene | ND | 0.049 | | mg/Kg | 1 | 5/27/2015 1:19:10 AM | 19360 |
| Xylenes, Total | ND | 0.098 | | mg/Kg | 1 | 5/27/2015 1:19:10 AM | 19360 |
| Surr: 4-Bromofluorobenzene | 96.4 | 80-120 | | %REC | 1 | 5/27/2015 1:19:10 AM | 19360 |

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#: 1505A02

01-Jun-15

Client: Williams Field Services
Project: Jic A 10E / A ridge Suction

| | | | | | | | | | | |
|------------|------------------|----------------|------------------|-------------|---------------------------------|----------|--------------|------|----------|------|
| Sample ID | MB-19403 | SampType: | MBLK | TestCode: | EPA Method 300.0: Anions | | | | | |
| Client ID: | PBS | Batch ID: | 19403 | RunNo: | 26448 | | | | | |
| Prep Date: | 5/27/2015 | Analysis Date: | 5/27/2015 | SeqNo: | 786139 | Units: | mg/Kg | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | ND | 1.5 | | | | | | | | |

| | | | | | | | | | | |
|------------|------------------|----------------|------------------|-------------|---------------------------------|----------|--------------|------|----------|------|
| Sample ID | LCS-19403 | SampType: | LCS | TestCode: | EPA Method 300.0: Anions | | | | | |
| Client ID: | LCSS | Batch ID: | 19403 | RunNo: | 26448 | | | | | |
| Prep Date: | 5/27/2015 | Analysis Date: | 5/27/2015 | SeqNo: | 786140 | Units: | mg/Kg | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | 14 | 1.5 | 15.00 | 0 | 93.1 | 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 Not In Range
- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1505A02

01-Jun-15

Client: Williams Field Services
Project: Jic A 10E / A ridge Suction

| Sample ID MB-19391 | SampType: MBLK | TestCode: EPA Method 418.1: TPH | | | | | | | | |
|-----------------------------|---------------------------------|--|-----------|-------------|------|----------|-----------|------|---------------------|------|
| Client ID: PBS | Batch ID: 19391 | RunNo: 26427 | | | | | | | | |
| Prep Date: 5/26/2015 | Analysis Date: 5/27/2015 | SeqNo: 785402 | | | | | | | 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-19391 | SampType: LCS | TestCode: EPA Method 418.1: TPH | | | | | | | | |
|-----------------------------|---------------------------------|--|-----------|-------------|------|----------|-----------|------|---------------------|------|
| Client ID: LCSS | Batch ID: 19391 | RunNo: 26427 | | | | | | | | |
| Prep Date: 5/26/2015 | Analysis Date: 5/27/2015 | SeqNo: 785403 | | | | | | | Units: mg/Kg | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Petroleum Hydrocarbons, TR | 92 | 20 | 100.0 | 0 | 91.9 | 86.7 | 126 | | | |

| Sample ID LCSD-19391 | SampType: LCSD | TestCode: EPA Method 418.1: TPH | | | | | | | | |
|-----------------------------|---------------------------------|--|-----------|-------------|------|----------|-----------|------|---------------------|------|
| Client ID: LCSS02 | Batch ID: 19391 | RunNo: 26427 | | | | | | | | |
| Prep Date: 5/26/2015 | Analysis Date: 5/27/2015 | SeqNo: 785404 | | | | | | | Units: mg/Kg | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Petroleum Hydrocarbons, TR | 96 | 20 | 100.0 | 0 | 96.1 | 86.7 | 126 | 4.50 | 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#: 1505A02

01-Jun-15

Client: Williams Field Services
Project: Jic A 10E / A ridge Suction

| | | | | | | | | | | |
|-----------------------------|------------------|----------------|------------------|-------------|--|----------|--------------|------|----------|------|
| Sample ID | MB-19380 | SampType: | MBLK | TestCode: | EPA Method 8015D: Diesel Range Organics | | | | | |
| Client ID: | PBS | Batch ID: | 19380 | RunNo: | 26424 | | | | | |
| Prep Date: | 5/26/2015 | Analysis Date: | 5/27/2015 | SeqNo: | 785313 | 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 | 12 | | 10.00 | | 123 | 57.9 | 140 | | | |

| | | | | | | | | | | |
|-----------------------------|------------------|----------------|------------------|-------------|--|----------|--------------|------|----------|------|
| Sample ID | LCS-19380 | SampType: | LCS | TestCode: | EPA Method 8015D: Diesel Range Organics | | | | | |
| Client ID: | LCSS | Batch ID: | 19380 | RunNo: | 26424 | | | | | |
| Prep Date: | 5/26/2015 | Analysis Date: | 5/27/2015 | SeqNo: | 785374 | Units: | mg/Kg | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 60 | 10 | 50.00 | 0 | 119 | 67.8 | 130 | | | |
| Surr: DNOP | 6.1 | | 5.000 | | 122 | 57.9 | 140 | | | |

| | | | | | | | | | | |
|------------|------------------|----------------|------------------|-------------|--|----------|-------------|------|----------|------|
| Sample ID | MB-19416 | SampType: | MBLK | TestCode: | EPA Method 8015D: Diesel Range Organics | | | | | |
| Client ID: | PBS | Batch ID: | 19416 | RunNo: | 26455 | | | | | |
| Prep Date: | 5/27/2015 | Analysis Date: | 5/28/2015 | SeqNo: | 786402 | Units: | %REC | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: DNOP | 11 | | 10.00 | | 108 | 57.9 | 140 | | | |

| | | | | | | | | | | |
|------------|------------------|----------------|------------------|-------------|--|----------|-------------|------|----------|------|
| Sample ID | LCS-19416 | SampType: | LCS | TestCode: | EPA Method 8015D: Diesel Range Organics | | | | | |
| Client ID: | LCSS | Batch ID: | 19416 | RunNo: | 26455 | | | | | |
| Prep Date: | 5/27/2015 | Analysis Date: | 5/28/2015 | SeqNo: | 786403 | Units: | %REC | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: DNOP | 5.5 | | 5.000 | | 110 | 57.9 | 140 | | | |

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#: 1505A02

01-Jun-15

Client: Williams Field Services
Project: Jic A 10E / A ridge Suction

| Sample ID MB-19360 | SampType: MBLK | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|-------------------------------|---------------------------------|---|-----------|-------------|------|----------|-----------|------|---------------------|------|
| Client ID: PBS | Batch ID: 19360 | RunNo: 26397 | | | | | | | | |
| Prep Date: 5/22/2015 | Analysis Date: 5/26/2015 | SeqNo: 784808 | | | | | | | 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 | 900 | | 1000 | | 90.3 | 75.4 | 113 | | | |

| Sample ID LCS-19360 | SampType: LCS | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|-------------------------------|---------------------------------|---|-----------|-------------|------|----------|-----------|------|---------------------|------|
| Client ID: LCSS | Batch ID: 19360 | RunNo: 26397 | | | | | | | | |
| Prep Date: 5/22/2015 | Analysis Date: 5/26/2015 | SeqNo: 784809 | | | | | | | 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 | 100 | 64 | 130 | | | |
| Surr: BFB | 1000 | | 1000 | | 99.7 | 75.4 | 113 | | | |

| Sample ID MB-19388 | SampType: MBLK | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|-----------------------------|---------------------------------|---|-----------|-------------|------|----------|-----------|------|--------------------|------|
| Client ID: PBS | Batch ID: 19388 | RunNo: 26441 | | | | | | | | |
| Prep Date: 5/26/2015 | Analysis Date: 5/27/2015 | SeqNo: 785675 | | | | | | | Units: %REC | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: BFB | 900 | | 1000 | | 89.6 | 75.4 | 113 | | | |

| Sample ID LCS-19388 | SampType: LCS | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|-----------------------------|---------------------------------|---|-----------|-------------|------|----------|-----------|------|--------------------|------|
| Client ID: LCSS | Batch ID: 19388 | RunNo: 26441 | | | | | | | | |
| Prep Date: 5/26/2015 | Analysis Date: 5/27/2015 | SeqNo: 785676 | | | | | | | Units: %REC | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: BFB | 990 | | 1000 | | 99.3 | 75.4 | 113 | | | |

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#: 1505A02

01-Jun-15

Client: Williams Field Services
Project: Jic A 10E / A ridge Suction

| | | | | | | | | | | |
|----------------------------|------------------|----------------|------------------|-------------|------------------------------------|----------|--------------|------|----------|------|
| Sample ID | MB-19360 | SampType: | MBLK | TestCode: | EPA Method 8021B: Volatiles | | | | | |
| Client ID: | PBS | Batch ID: | 19360 | RunNo: | 26397 | | | | | |
| Prep Date: | 5/22/2015 | Analysis Date: | 5/26/2015 | SeqNo: | 784841 | 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 | | 101 | 80 | 120 | | | |

| | | | | | | | | | | |
|----------------------------|------------------|----------------|------------------|-------------|------------------------------------|----------|--------------|------|----------|------|
| Sample ID | LCS-19360 | SampType: | LCS | TestCode: | EPA Method 8021B: Volatiles | | | | | |
| Client ID: | LCSS | Batch ID: | 19360 | RunNo: | 26397 | | | | | |
| Prep Date: | 5/22/2015 | Analysis Date: | 5/26/2015 | SeqNo: | 784842 | Units: | mg/Kg | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 1.0 | 0.050 | 1.000 | 0 | 100 | 76.6 | 128 | | | |
| Toluene | 0.98 | 0.050 | 1.000 | 0 | 97.9 | 75 | 124 | | | |
| Ethylbenzene | 0.99 | 0.050 | 1.000 | 0 | 98.7 | 79.5 | 126 | | | |
| Xylenes, Total | 3.0 | 0.10 | 3.000 | 0 | 98.4 | 78.8 | 124 | | | |
| Surr: 4-Bromofluorobenzene | 1.1 | | 1.000 | | 110 | 80 | 120 | | | |

| | | | | | | | | | | |
|----------------------------|------------------|----------------|------------------|-------------|------------------------------------|----------|-------------|------|----------|------|
| Sample ID | MB-19388 | SampType: | MBLK | TestCode: | EPA Method 8021B: Volatiles | | | | | |
| Client ID: | PBS | Batch ID: | 19388 | RunNo: | 26441 | | | | | |
| Prep Date: | 5/26/2015 | Analysis Date: | 5/27/2015 | SeqNo: | 785699 | Units: | %REC | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: 4-Bromofluorobenzene | 0.98 | | 1.000 | | 97.9 | 80 | 120 | | | |

| | | | | | | | | | | |
|----------------------------|------------------|----------------|------------------|-------------|------------------------------------|----------|-------------|------|----------|------|
| Sample ID | LCS-19388 | SampType: | LCS | TestCode: | EPA Method 8021B: Volatiles | | | | | |
| Client ID: | LCSS | Batch ID: | 19388 | RunNo: | 26441 | | | | | |
| Prep Date: | 5/26/2015 | Analysis Date: | 5/27/2015 | SeqNo: | 785700 | Units: | %REC | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: 4-Bromofluorobenzene | 1.1 | | 1.000 | | 108 | 80 | 120 | | | |

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 | |

Sample Log-In Check List

Client Name: **WILLIAMS FIELD SERVI**

Work Order Number: **1505A02**

RcptNo: **1**

Received by/date: *[Signature]* **05/22/15**
 Logged By: **Lindsay Mangin** **5/22/2015 6:10:00 AM** *[Signature]*
 Completed By: **Lindsay Mangin** **5/22/2015 9:13:27 AM** *[Signature]*
 Reviewed By: **IO** **05/22/15**

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 | 3.8 | Good | Yes | | | |

Chain-of-Custody Record

Turn-Around Time:

Standard Rush

Project Name: Jic A10E / ARidge suction

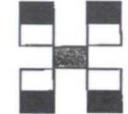
Project #:

Project Manager: Kelsey Christiansen

Sampler: Morgan Killior

On Ice: Yes No

Sample Temperature: 38



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

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)

| 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) | 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) | Chloride | Air Bubbles (Y or N) |
|---------|------|--------|----------------------------------|----------------------|-------------------|-------------|----------------------------|---|-----------------------------|--------------------|--------------------|---------------------------|---------------|--|------------------------------|-------------|-----------------|----------|----------------------|
| 7/21/15 | 1:00 | Soil | Jic A10E / ARidge Well composite | 1-402 | Cool | 1505A02-001 | X | X | X | | | | | | | | | X | |
| 7/21/15 | 1:15 | Soil | Jic A10E / ARidge Bottom comp. | 1-402 | Cool | 1505A02-002 | X | X | X | | | | | | | | | X | |

Date: 7/21/15 Time: 1705 Relinquished by: Morgan Killior

Received by: Charlotte Walte Date: 7/21/15 Time: 1705

Remarks:

Date: 5/24/15 Time: 2400 Relinquished by: Ant Walte

Received by: Ant Walte Date: 05/22/15 Time: 0610

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.