3R-1013

Release Report/ General Correspondence

Williams SJ

Date: Oct-Dec 2015

OIL CONS. DIV DIST. 3

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

Printed Name: Kelsey Christiansen

E-mail Address: kelsey.christiansen@williams.com

Phone: (505) 634-4606

Title: Environmental Specialist

Date: 10/07/2015

State of New Mexico Energy Minerals and Natural Resources

OCT 1 8 2015

Form C-141 Revised August 8, 2011

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe. NM 87505 Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

| | | | Rele | ease Notific | catio | on and Co | orrective A | ction | 1 | | | |
|---|--|---|--|--|--------------------------------|---|--|---|---|--|-----------------------------|---|
| | | | | | | OPERA' | ГOR | | | al Report | | Final Report |
| Name of C | ompany: W | Villiams Fou | r Corners | LLC | | Contact: Ke | lsey Christianse | n | | | | |
| Address: 18 | 88 CR 490 | 0, Bloomfiel | d, NM 8 | 7413 | | | No.: (505) 632-4 | | | | | |
| Facility Na | me: Milag | ro Cogenerat | tion & Ga | s Plant | | Facility Typ | e: Facility | | | | | |
| Surface Ov | vner: Willia | ams | | Mineral (| Owner | 0 | | | API No |). | | |
| | | | | LOCA | ATIC | ON OF RE | LEASE | | | | | |
| Unit Letter O | Section 12 | Township 29N | Range 11W | Feet from the | | th/South Line | Feet from the | East/ | West Line | County San Juan | | |
| | | | I | | | | e <u>-107.942329°</u> | W | | | | |
| Type of Rele | asa. Amina | /Water Miv | | NAT | TURI | Volume of | Release: 1,050 ga | allone | Volume | Recovered: 8 | 200 00 | llone |
| Source of Re | | | | | | Date and I | lour of Occurrence | e: | Date and | Hour of Dis | cover | y: |
| | | 01 0 | | | | | 5 at 01:00 PM MS | T | 09/28/20 | 15 at 01:00 | PM M | ST |
| Was Immed | iate Notice (| | Yes [| No Not R | equire | If YES, To Brandon P | o Whom? owell, NMOCD | | | | | |
| By Whom? | Kelsey Chri | istiansen | | | | Date and I | Hour: 09/28/2015 | at 05:58 | PM MST | | | |
| Was a Water | rcourse Read | | Yes 🛭 | No | | If YES, Vo | olume Impacting t | he Wat | ercourse. | | | |
| If a Waterco | urse was Im | pacted, Descr | ibe Fully * | * | | | | | | | | |
| N/A | | | | | | | | | | | | |
| Describe Ca | use of Probl | em and Reme | dial Action | n Taken.* | | | | | | | | |
| down to prev | vent any furt | | product a | | | | er mixture to relea | | | | | |
| Describe Are | ea Affected | and Cleanup | Action Tak | en.* | | | | | | | | 1711 |
| met. Sampl hydrocarbo | les will be ru | un for the follo a Method 801 | owing para | meters; Benzene | , Tolue | ne, Ethylbenze | es will be collecte ne, and Xylenes (l -141 and supplem | BTEX) | via method | 8021, Total | petro | leum |
| regulations a public health should their or the enviro | all operators or the envi operations honment. In a | are required to ronment. The nave failed to a | o report an acceptance adequately OCD accep | nd/or file certain in the of a C-141 repo investigate and in | release ort by t remedia | notifications as he NMOCD mate contaminati | knowledge and u nd perform correc arked as "Final Ro on that pose a thre e the operator of t | tive act eport" of eat to gr respons | ions for rel loes not rel round wate ibility for c | eases which ieve the ope r, surface wa compliance v | may e rator o ater, h | endanger of liability uman health |
| Signature: | my Chri | dun | | | | Approved by | OIL CONS | | 1 | DIVISIO | N | 1 |

NCS 15313229518

Expiration Date:

Attached

Approval Date:

Conditions of Approval:

0

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 Notifica | ation | and Co | rrective A | ction | 1 | | | |
|---|---------------------------------|---|---|---|---|--|---|-----------------------------------|
| | | OPERA | | | | al Report | | Final Repor |
| Name of Company: Williams Four Corners LLC | | | Isey Christianse | | | | | |
| Address: 188 CR 4900, Bloomfield, NM 87413 Facility Name: Hamner #2 Pipeline | | Facility Typ | No.: (505) 632-4 | 1000 | | +++ | | |
| | | actify Typ | c. 1 ipeline | | | | | |
| Surface Owner: Bureau of Land Management Mineral Ov | wner | | | | API No | Э. | | |
| LOCA | TION | OF REI | LEASE | | | | | |
| Unit Letter Section Township Range Feet from the L 28 29N 9W | North/S | South Line | Feet from the | East/ | West Line | County San Juan | | |
| Latitude <u>36.694</u> | | | | <u>V</u> | | | | |
| | URE | OF RELI | | | | | | 3 11 |
| Type of Release: Produced Water/Condensate | | produced v | Release: 315 gal vater/condensate | | | Recovered: (| | |
| Source of Release: Pinhole on the pipeline | | Date and H Unknown | lour of Occurrence | e: | | Hour of Dis | | |
| Was Immediate Notice Given? ☐ Yes ☐ No ☒ Not Req | quired | If YES, To | Whom? | | 3 | | | |
| By Whom? | | Date and H | lour: | | | | | |
| Was a Watercourse Reached? | | If YES, Vo | lume Impacting t | | | | | |
| ☐ Yes ⊠ No | | | | | 011 0- | | | |
| If a Watercourse was Impacted, Describe Fully.* Not Applicable Describe Cause of Problem and Remedial Action Taken.* | | | | | NOV | NS. DIV [| VIST. | 3 |
| On October 21, 2015 Williams leak survey crew discovered a susperamount of natural gas. Once repairs and excavation was complete esoil. | | | | eline w | hich cause | d the release | of a no | n-reportable |
| Describe Area Affected and Cleanup Action Taken.* | | | | | | W. | | |
| Confirmation soil samples will be collected to insure cleanup stan | dards w | vill be met. A | ttached is a site s | pecific | ranking she | eet. | | |
| I hereby certify that the information given above is true and comple regulations all operators are required to report and/or file certain rel public health or the environment. The acceptance of a C-141 report should their operations have failed to adequately investigate and report the environment. In addition, NMOCD acceptance of a C-141 refederal, state, or local laws and/or regulations. | lease no t by the mediate | tifications ar NMOCD ma contamination | nd perform correct arked as "Final R on that pose a three the operator of | etive act eport" d eat to gr respons | ions for rel loes not rel round wate ibility for c | eases which ieve the ope r, surface wa compliance v | may en rator of ater, hur with any | danger liability man health |
| Lelay Chrotun Signature: | A | approved by | OIL CON | | | DIVISIO | <u>DN</u> | |
| Printed Name: Kelsey Christiansen | | | Oross | 7 | -C | > | | No. |
| Title: Environmental Specialist | A | approval Dat | e: 19113 | 35 | Expiration | Date: | | |
| E-mail Address: kelsey.christiansen@williams.com | c | Conditions of | Approval: | | | Attached | | |
| Date: 11/09/15 Phone: (505) 632-4606 | | | | | | | | 77131 |
| Attach Additional Sheets If Necessary | | - 10 | 211202 | 01 | | | | THE PARTY |

NCS1534129391

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

OIL CONS. DIV DIST. 3

NOV 2 0 2015

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State of New Mexico Energy Minerals and Natural Resources

Form C-141 Revised August 8, 2011

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe. NM 87505 Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

1220 S. St. Francis Dr., Santa Fe, NM 87505 Santa Fe, NM 87505 Release Notification and Corrective Action **OPERATOR** Initial Report Final Report Name of Company: Williams Four Corners LLC Contact: Kelsey Christiansen Address: 188 CR 4900, Bloomfield, NM 87413 Telephone No.: (505) 632-4606 Facility Name: Hamner #2 Pipeline Facility Type: Pipeline Surface Owner: Bureau of Land Management Mineral Owner API No. LOCATION OF RELEASE Unit Letter Section Township Range Feet from the North/South Line Feet from the East/West Line County 28 29N 9W San Juan Latitude 36.69438° N Longitude -107.79134° W NATURE OF RELEASE Type of Release: Produced Water/Condensate Volume of Release: 315 gallons Volume Recovered: 0 gallons produced water/condensate Source of Release: Pinhole on the pipeline Date and Hour of Occurrence: Date and Hour of Discovery: Unknown 11/03/15 at 10:00 AM MST Was Immediate Notice Given? If YES, To Whom? ☐ Yes ☐ No ☒ Not Required By Whom? Date and Hour: Was a Watercourse Reached? If YES, Volume Impacting the Watercourse. ☐ Yes ☒ No If a Watercourse was Impacted, Describe Fully.* Not Applicable Describe Cause of Problem and Remedial Action Taken.* On October 21, 2015 Williams leak survey crew discovered a suspected pinhole leak on the Hamner #2 Pipeline which caused the release of a nonreportable amount of natural gas. Once repairs and excavation was complete environmental did a site visit to estimate the amount of liquid associated with impacted soil. Describe Area Affected and Cleanup Action Taken.* Confirmation soil samples were collected to insure cleanup standards are met and are attached. Also attached is a site specific ranking sheet. I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. OIL CONSERVATION DIVISION Approved by Environmental Specialist: Signature: Printed Name: Kelsey Christiansen Title: Environmental Specialist Approval Date: \ **Expiration Date:** E-mail Address: kelsey.christiansen@williams.com Conditions of Approval: Attached |

* Attach Additional Sheets If Necessary

Phone: (505) 632-4606

Date: 11/17/15

NUF1535751887



C Talo vio anop Jill



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

OIL CONS. DIV DIST. 3

NOV 2 0 2015

November 17, 2015

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

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

Dear Mr. Smith:

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

Sincerely,

Kelsey Christiansen

Environmental Specialist

Lelay Chrotum

Attachments

Final Form C-141 Analytical Report 1511369

NOFISSETS/SON

10 85 DE 15



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

OrderNo.: 1511369

November 11, 2015

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

RE: Hamner #2 Line Leak

Dear Kelsey Christiansen:

Hall Environmental Analysis Laboratory received 2 sample(s) on 11/10/2015 for the analyses presented in the following report.

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

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

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

Andy Freeman

Laboratory Manager

andyl

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report

Lab Order 1511369

Date Reported: 11/11/2015

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Williams Field Services

Client Sample ID: Hamner #2 Bottom Compsite

Project: Hamner #2 Line Leak

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

Lab ID: 1511369-001

Matrix: SOIL

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

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

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

- 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 Page 1 of 6
- P Sample pH Not In Range
- RL Reporting Detection Limit

Analytical Report

Lab Order 1511369

Date Reported: 11/11/2015

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Williams Field Services

Project: Hamner #2 Line Leak

Lab ID:

1511369-002 Matrix: SOIL Client Sample ID: Hamner #2 Sidewalls

Collection Date: 11/9/2015 2:10:00 PM Received Date: 11/10/2015 6:50:00 AM

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

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

- 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
- Analyte detected in the associated Method Blank
- Value above quantitation range E
- Analyte detected below quantitation limits Page 2 of 6 J

- Sample pH Not In Range
- RL Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

WO#:

1511369

11-Nov-15

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

Sample ID MB-22269

SampType: MBLK

TestCode: EPA Method 300.0: Anions

Client ID:

PBS

Batch ID: 22269

RunNo: 30148

Prep Date: 11/10/2015 Analysis Date: 11/10/2015 SeqNo: 918734

Units: mg/Kg

Analyte Chloride

ND

1.5

SPK value SPK Ref Val %REC LowLimit

TestCode: EPA Method 300.0: Anions

HighLimit %RPD **RPDLimit**

Qual

Client ID: LCSS

Sample ID LCS-22269

SampType: LCS

RunNo: 30148

Prep Date: 11/10/2015

Batch ID: 22269

14

Analysis Date: 11/10/2015

SegNo: 918735

Units: mg/Kg

%RPD

RPDLimit

Analyte

1.5

93.7

PQL SPK value SPK Ref Val %REC LowLimit

Qual

Chloride

Result

15.00

HighLimit 110

Qualifiers:

S

Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix D

H Holding times for preparation or analysis exceeded

% Recovery outside of range due to dilution or matrix

Not Detected at the Reporting Limit ND

RPD outside accepted recovery limits R

Analyte detected in the associated Method Blank

P Sample pH Not In Range

Reporting Detection Limit

Value above quantitation range Analyte detected below quantitation limits

Page 3 of 6

Hall Environmental Analysis Laboratory, Inc.

WO#:

1511369

11-Nov-15

Client:

Williams Field Services

| Project: Hamn | er #2 Line Leak | |
|-----------------------------|---------------------------|--|
| Sample ID MB-22265 | SampType: MBLK | TestCode: EPA Method 8015M/D: Diesel Range Organics |
| Client ID: PBS | Batch ID: 22265 | RunNo: 30123 |
| Prep Date: 11/10/2015 | Analysis Date: 11/10/2015 | SeqNo: 917659 Units: mg/Kg |
| Analyte | Result PQL SPK value | SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual |
| Diesel Range Organics (DRO) | ND 10 | |
| Surr: DNOP | 8.3 10.00 | 83.3 70 130 |
| Sample ID LCS-22265 | SampType: LCS | TestCode: EPA Method 8015M/D: Diesel Range Organics |
| Client ID: LCSS | Batch ID: 22265 | RunNo: 30123 |
| Prep Date: 11/10/2015 | Analysis Date: 11/10/2015 | SeqNo: 917660 Units: mg/Kg |
| Analyte | Result PQL SPK value | SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual |
| Diesel Range Organics (DRO) | 44 10 50.00 | 0 87.1 57.4 139 |
| Surr: DNOP | 3.9 5.000 | 78.7 70 130 |
| Sample ID MB-22220 | SampType: MBLK | TestCode: EPA Method 8015M/D: Diesel Range Organics |
| Client ID: PBS | Batch ID: 22220 | RunNo: 30124 |
| Prep Date: 11/6/2015 | Analysis Date: 11/10/2015 | SeqNo: 917919 Units: %REC |
| Analyte | Result PQL SPK value | SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual |
| Surr: DNOP | 12 10.00 | 117 70 130 |
| Sample ID LCS-22220 | SampType: LCS | TestCode: EPA Method 8015M/D: Diesel Range Organics |
| Client ID: LCSS | Batch ID: 22220 | RunNo: 30124 |
| Prep Date: 11/6/2015 | Analysis Date: 11/10/2015 | SeqNo: 917920 Units: %REC |
| Analyte | Result PQL SPK value | SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual |
| Surr: DNOP | 7.4 5.000 | 147 70 130 S |

Qualifiers:

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

Page 4 of 6

Hall Environmental Analysis Laboratory, Inc.

WO#:

1511369

11-Nov-15

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

| Sample ID 5ML RB | SampT | ype: ME | BLK | Tes | tCode: E | PA Method | 8015D: Gaso | oline Rang | е | |
|---------------------------------------|------------|----------|-----------|--|----------|-----------|-------------|------------|----------|------|
| Client ID: PBS | Batcl | n ID: R3 | 0136 | F | RunNo: 3 | 0136 | | | | |
| Prep Date: | Analysis D | ate: 11 | 1/10/2015 | \$ | SeqNo: 9 | 18410 | Units: mg/k | (g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | ND | 5.0 | | | | | 170 | | | |
| Surr: BFB | 870 | | 1000 | | 87.3 | 75.4 | 113 | | | |
| sample ID 2.5UG GRO LCS SampType: LCS | | | | TestCode: EPA Method 8015D: Gasoline Range | | | | | | |

| Client ID: LCSS Prep Date: | Batcl Analysis D | h ID: R3 | | | RunNo: 3 SeaNo: 9 | | Units: mg/k | (a | | |
|-------------------------------|---------------------|----------|-------|-------------|----------------------|------|-------------|------|----------|------|
| Analyte | Result | PQL | | SPK Ref Val | %REC | | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 23 | 5.0 | 25.00 | 0 | 92.0 | 79.6 | 122 | | | |
| Surr: BFB | 930 | | 1000 | | 92.8 | 75.4 | 113 | | | |

| Sample ID MB-22241 | Samp | Type: M | BLK | Tes | tCode: E | PA Method | 8015D: Gaso | oline Rang | е | |
|----------------------|------------|----------|-----------|-------------|----------|-----------|-------------|------------|----------|--------|
| Client ID: PBS | Batc | h ID: 22 | 241 | F | RunNo: 3 | 30136 | | | | |
| Prep Date: 11/9/2015 | Analysis [| Date: 1 | 1/10/2015 | | SeqNo: 9 | 18420 | Units: %RE | C | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: BFB | 860 | | 1000 | THE RESERVE | 85.6 | 75.4 | 113 | D. 18 | | 177.90 |

| Sample ID LCS-22241 | SampT | ype: LC | cs | Tes | tCode: E | PA Method | 8015D: Gaso | line Rang | e | White the second |
|----------------------|------------|---------|-----------|-------------|----------|-----------|-------------|-----------|----------|------------------|
| Client ID: LCSS | Batch | ID: 22 | 241 | F | RunNo: 3 | 0136 | | | | |
| Prep Date: 11/9/2015 | Analysis D | ate: 1 | 1/10/2015 | | SeqNo: 9 | 18421 | Units: %RE | С | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: BFB | 930 | | 1000 | | 92.7 | 75.4 | 113 | | | |

Qualifiers:

* Value exceeds Maximum Contaminant Level.

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

Page 5 of 6

P Sample pH Not In Range

RL Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

WO#:

1511369

11-Nov-15

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

| Sample ID 5ML RB | Samp | SampType: MBLK | | | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
|----------------------------|------------|----------------|-----------|-------------|---------------------------------------|----------|-------------|------|----------|------|--|--|--|
| Client ID: PBS | Batc | h ID: A3 | 0136 | F | RunNo: 3 | 0136 | | | | | | | |
| Prep Date: | Analysis [| Date: 1 | 1/10/2015 | 8 | SeqNo: 9 | 18492 | Units: mg/k | (g | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | | | |
| Benzene | ND | 0.050 | | | | | | | | | | | |
| Toluene | ND | 0.050 | | | | | | | | | | | |
| Ethylbenzene | ND | 0.050 | | | | | | | | | | | |
| Xylenes, Total | ND | 0.10 | | | | | | | | | | | |
| Surr: 4-Bromofluorobenzene | 1.1 | | 1.000 | | 108 | 80 | 120 | | | | | | |

| Sample ID TOUNG BIEX LO | Samp | Type: LC | .5 | ies | (Code: E | PA Wethod | 8021B: Voia | tiles | | |
|----------------------------|------------|----------|-----------|-------------|----------|-----------|-------------|-------|----------|------|
| Client ID: LCSS | Batc | h ID: A3 | 0136 | F | RunNo: 3 | 0136 | | | | |
| Prep Date: | Analysis [| Date: 1 | 1/10/2015 | 5 | SeqNo: 9 | 18493 | Units: mg/F | (g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 0.99 | 0.050 | 1.000 | 0 | 98.8 | 80 | 120 | | | |
| Toluene | 1.0 | 0.050 | 1.000 | 0 | 100 | 80 | 120 | | | |
| Ethylbenzene | 1.0 | 0.050 | 1.000 | 0 | 101 | 80 | 120 | | | |
| Xylenes, Total | 3.1 | 0.10 | 3.000 | 0 | 104 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 1.2 | | 1.000 | | 117 | 80 | 120 | | | |
| | | | | | | | | | | |

| Sample ID MB-22241 | SampT | ype: M | BLK | Tes | tCode: E | PA Method | 8021B: Vola | tiles | | |
|----------------------------|------------|----------|-----------|-------------|----------|-----------|-------------|-------|-----------|------|
| Client ID: PBS | Batch | n ID: 22 | 2241 | F | RunNo: 3 | 30136 | | | | |
| Prep Date: 11/9/2015 | Analysis D | ate: 1 | 1/10/2015 | | SeqNo: 9 | 918501 | Units: %RE | C | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: 4-Bromofluorobenzene | 1.1 | | 1.000 | | 109 | 80 | 120 | 177 | The World | 111 |

| Sample ID LCS-22241 | Samp | Type: LC | cs | Tes | tCode: E | PA Method | 8021B: Vola | tiles | | |
|----------------------------|------------|----------|-----------|-------------|----------|-----------|-------------|-------|----------|----------|
| Client ID: LCSS | Batc | h ID: 22 | 241 | F | RunNo: 3 | 30136 | | | | |
| Prep Date: 11/9/2015 | Analysis [| Date: 1 | 1/10/2015 | 5 | SeqNo: 9 | 18502 | Units: %RE | С | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: 4-Bromofluorobenzene | 1.2 | | 1.000 | | 115 | 80 | 120 | 1111 | | 14 - 5 - |

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

all Not In Bonne

Page 6 of 6

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 | per: 1511369 | | ReptNo: 1 | |
|---|--|--------------------------|--|---------|
| Received by/date: AT 11/10/15 | | | Committee to the second | |
| Logged By: Anne Thorne 11/10/2015 6:50:00 | AM | anne Man | | |
| Completed By: Anne Thorne 11/10/2015 | | anne Am | | |
| Reviewed By: 11/10/15 | | Cina Ji | | 1 |
| Chain of Custod | | | | |
| 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 | | Andre . | |
| 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 🗹 | # of preserved | |
| | | | bottles checked | |
| 12. Does paperwork match bottle labels? (Note discrepancies on chain of custody) | Yes 🗹 | No 🗆 | for pH: (<2 or >12 unles | s noted |
| 13. Are matrices correctly identified on Chain of Custody? | Yes 🗹 | No 🗆 | Adjusted? | |
| 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 🗆 | Checked by: | |
| Special Handling (if applicable) | | | | |
| 16. Was client notified of all discrepancies with this order? | Yes 🗌 | No 🗆 | NA 🗹 | |
| Person Notified: Date | | | THE RESERVE OF THE PERSON OF T | |
| By Whom: Via: | # 4-4-4 F = 686 Country No. 10 100 Co. | Phone Fax | ☐ In Person | |
| Regarding: | | | | |
| Client Instructions: | tion facts on an explanation of an elifeth and | education and a 11 or 12 | | |
| 17. Additional remarks: | | | | |
| | | | | |
| 18. Cooler Information Cooler No Temp °C Condition Seal Intact Seal No | Seal Date | Signed By | | |
| 1 1.3 Good Yes | | | | |

| C | hain | -of-Cu | stody Record | Turn-Around | Time: | Same Day | | | | | | | | | - | | | 4 | | | |
|---------------|-----------------------|------------|-----------------------------|-----------------------------|-------------|--|----------|----------------|----------------|--------------------|--------------------|---------------------------|---------------|-------------------------------|-----------------------------|-------------|-----------------|---------|--------------|---------------------|-----------------------|
| lient: | WFS | Never I | | □ Standard | Rus | Sam Day h_11-10-15 | | | | | | | | | | | | | | 'AL | |
| | 00 / | | A A SECTION | Project Name | : | | | | | 7 | | | | | | tal.co | | | 110 | I | • |
| lailing | Address | : 188 | CR 4900 | Hanne | #, 17 | Ne seak | | 10 | 01 H | awki | | | | | | | | 100 | | | |
| | | | M 87413 | Project #: | ~ A. | ne Aux | | | | 5-34 | | | | | | 345- | | | | | |
| hone | #: 50 | 5-2 | 15-7433 | 2. Huaria | | | | | JI. OC | | 0 00 | | | | | uest | | | | | |
| mail o | r Fax#: | Kelse | (christiansenowilling | Project Mana | ger: | PRINT. | _ | (ylu | 9 | | | | | 3 | | | | | | | |
| | Package: | | ☐ Level 4 (Full Validation) | | | Sti on Sen | s (8021) | TPH (Gas only) | DRO / MRe) | | | (SMIS) | | PO4,SC | PCB's | | | | | | |
| ccred | | | | Sampler: Mo | ogen K | illion | TMB's | PH | - | = | = | 22 | | NO | 8082 | | | | | | 9 |
| NEL | | □ Othe | er | On Ice: | YYes : | □ Nö | + | + | SRO | 418 | 504 | 28 A | 50 | Š | / 86 | | OA) | 3 | | | P |
| EDL | (Type) | | | Ar illors | perature: | <i>1.</i> 3 | MEBE | + MTBE |) B | poq | Pod | 310 | Neta | 5, | ficid | (A) | 7-in | | | | SS (|
| Date | Time | Matrix | Sample Request ID | Container Type and # Med Kd | 1300 | HEAL No | BTEX + N | BTEX + N | TPH 8015B (GRO | TPH (Method 418.1) | EDB (Method 504.1) | PAH's (8310 or 8270 SIMS) | RCRA 8 Metals | Anions (F,CI,NO3,NO2,PO4,SO4) | 8081 Pesticides / 8082 PCB' | 8260B (VOA) | 8270 (Semi-VOA) | Ch lori | | | Air Bubbles (Y or N) |
| 1/15 | 1400 | soil | Rottom confsite | 1-402 | Cool | -001 | X | | X | | | | | | | | | X | | T | |
| 115 | 1410 | Soi (| HEMNE-#2 Sidewalls | 1-402 | C061 | 702 | X | | X | | | | | | | | | X | | | |
| | | | | | | | _ | | | | | | | | | | | | | | |
| | | | 9 | | | | - | | | | - | - | | | | | | | - | + | |
| | | | | - | 16. | | | | _ | | - | | - | | | | | | + | + | + |
| | | | La r | | | | T | | | | | 1 | | | | | | | \dashv | + | \top |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | - | | Para de la companya del companya de la companya del companya de la | | | | | - | - | | | | | | | - | + | \perp |
| | | | | | | | - | | | | | | | _ | | | | | + | + | + |
| | | | | | | | | | | | | | | | | | | | | | |
| late: | Time: | Relinquish | ed by: | Received by: | .1 | Date Time | Rer | nark | s: | | | | | | | | | | | | |
| 9/15 | 1555 | More | Lellon | 1 Mys | Walt | 1/9/15 1553 | 1 | | | | | | | | | | | | | | |
| ate: | Time: 18/2 | Relinquish | estra, Waller | Received by: | In De | Date Time / 11/10/15 | | | | | | * | | | | | | | | | |
| 9/15 Pate: | 1555 Time: 1812 | Relinquish | Letter | Received by: | Wast June 2 | 11/9/15 1553 Date Time 11/10/15 06/50 | | | | ub-cont | racted | data v | will be | deart | y nota | ated or | 1 | he a | he analytica | he analytical repor | he analytical report. |

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

State of New Mexico Energy Minerals and Natural Resources

Form C-141 Revised August 8, 2011

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

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

| | | | Rele | ease Notific | catior | and Co | rrective A | ction | 1 | | | | |
|--|--------------------------|--|---|--|-------------------------------------|--|--|-------------------------------|---|---|--------------------------------|-------------------------------------|-------|
| | | | | | | OPERA' | FOR | | | al Report | | Final I | Repor |
| | | illiams Four | | | | | lsey Christianse | | | | | | |
| | |), Bloomfiel | | 7413 | | | No.: (505) 632-4 | 606 | | | - 1 | | |
| Facility Na | ne: Breech | D 240 E Pi | peline | | | Facility Typ | e: Pipeline | | | | | | |
| Surface Ow | ner: Burea | u of Land M | lanageme | nt Mineral (| Owner | | | | API No |), | | | |
| | | | | LOCA | ATION | OF REI | LEASE | | | | | | |
| Unit Letter | Section | Township | Range | Feet from the | North | South Line | Feet from the | East/ | West Line | County | | | |
| G | 15 | 26N | 6W | | | | | | | San Juan | | | |
| | | | | Latitude 36.4 | 8972°N | Longitud | e <u>-107.45400°W</u> | _ | | | | | |
| - | | | | NAT | URE | OF RELI | EASE | | | | | | |
| Type of Rele | ase: Natural | Gas | | | | Volume of | | | Volume 1 | Recovered: | 0 MCF | | |
| | | | | | | Approxima Gas | itely 62 MCF Nat | ural | | | | | |
| Source of Re | lease: Pinho | ole on the pipe | eline | | | 1000000 | lour of Occurrence | e: | Date and | Hour of Di | scovery | y: | |
| 777 Y 11 | | | | | | Unknown | | | 11/25/15 | at 02:30 PN | MST | | |
| Was Immedi | ate Notice (| | Yes [| No Not R | equired | If YES, To | Whom? | | | | | | |
| By Whom? | | | | | 1 | Date and H | lour: | | | | 4- | | |
| Was a Water | course Reac | | | | | | olume Impacting the | he Wate | ercourse. | | | | |
| | | | Yes 🛚 | No | | | | | | | | 0.75 | |
| If a Watercon | irse was Im | pacted, Descr | ibe Fully.* | • | | | | | OIL | CONS. D | V DI | 51.3 | |
| Not Applical | ale | | | | | | | | | | 2015 | 5 | |
| Not Applicat | nic . | | | | | | | | | DEC 14 | 2013 | 3 | |
| approximatel | y 62 MCF r | | epairs were | e safely made to | | | on the Breech D | 240 E I | Pipeline wh | ich caused | the rele | ease of | |
| Confirmation available. | on soil samp | oles will be co | llected to | insure cleanup sta | andards a | are met and a | final C-141 will b | e subm | itted once | lab analytica | al resul | ts are | |
| regulations a public health should their or or the enviro | or the environment. In a | are required to conment. The ave failed to a | acceptance acceptance adequately OCD accep | nd/or file certain re te of a C-141 repo investigate and r | elease no ort by the emediate | otifications are NMOCD made contamination | knowledge and und perform correct arked as "Final Reform that pose a three the operator of r | tive act eport" deat to gr | ions for rel loes not rel round water | eases which ieve the ope r, surface w | may e erator of ater, hu | ndanger f liability ıman heal | , |
| | | | | | | | OIL CONS | SERV | ATION | DIVISIO | NC | Y YE | 1 |
| Signature: | any Ch | restun | - | | | Approved by | Environmental Sp | pecialis | t: | | | | |
| Printed Name | e: Kelsey Cl | nristiansen | | | | |) ou | 7 | 5 | | | | |
| Title: Enviro | nmental Spe | ecialist | | | | Approval Dat | e: 12/23/201 | 5 | Expiration | Date: | | | Tri- |
| E-mail Addre | ess: kelsey.c | hristiansen@ | williams.c | om | | Conditions of | Approval: | | | Attached | | | |
| Date: 12/10/1 | | | e: (505) 6 | 32-4606 | | | | | | | | | |
| Attach Addi | tional Shee | ets If Necess | ary | | | NUFIG | 5357382 | 239 |) | 1100 | 47 | | |

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

State of New Mexico Energy Minerals and Natural Resources

Form C-141 Revised August 8, 2011

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

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

| | | | Rele | ease Notifi | catio | and Co | orrective A | ction | 1 | | | |
|---|-------------------------------|--|--|---|-------------------------------------|--|--|------------------------------------|--|---|-----------------------------|-----------------------------------|
| 11.46 | | | | | | OPERA' | TOR | | ☐ Initi | al Report | \boxtimes | Final Repo |
| | | Villiams Fou | | | | | lsey Christians | | | | | |
| | | 0, Bloomfiel | | 37413 | | | No.: (505) 632-4 | 1606 | | | | |
| Facility Na | me: Dogie | Compressor | Station | | | Facility Typ | e: Pipeline | | | | | |
| Surface Ow | ner: Burea | u of Land N | Ianageme | nt Mineral (| Owner | | | | API No |). | | |
| | | | | LOCA | ATIO | N OF REI | LEASE | | | | | |
| Unit Letter | Section | Township | Range | Feet from the | | /South Line | Feet from the | East/ | West Line | County | | |
| D | 4 | 25N | 6W | | | | | | | Rio Arriba | 1 | |
| | | | | Latitude 36.43 | 348° N | Longitud | e <u>-107.48061° V</u> | $\underline{\mathcal{W}}$ | | | | |
| | | | | NAT | TURE | OF REL | EASE | | | | | |
| Type of Rele | ase: Natura | l Gas | | | | Volume of | Release: 70 MC | F | Volume I | Recovered: (|) MCF | Natural gas |
| Source of Re | laaga, Dinh | ala | | | | Natural Ga | s Iour of Occurrence | | Data and | Hour of Dis | | |
| Source of Re | icase. Filling | JIE . | | | | The State of the S | 10/18/15 at 06:30 | | | 1 10/18/15 | | |
| | | | | | | MST | | | | | | |
| Was Immedia | ate Notice (| | Yes [| No Not R | equired | If YES, To | Whom? | | | | | |
| By Whom? | | | 1 200 | 110 23 110110 | equired | Date and H | lour: | | | | | |
| Was a Water | course Read | | | | | | olume Impacting t | he Wat | ercourse. | | | |
| | | | Yes 🛚 | No | | | | | | | | |
| If a Watercou | irse was Im | pacted, Descr | ibe Fully.* | | | | | 0 | IL CONS | DIV DIS | TO | |
| Not Applicab | ala. | | | | | | | | | כום אום י | 1. 3 | |
| Not Applicat | nic . | | | | | | | | OCT | 2 9 2015 | | |
| controller wa was calculate | s replaced to d to be 50 M | o prevent furt MCF natural g | her loss of gas. | natural gas. The | | | ug catcher and bl alculated to be ap | | | | | |
| Describe Are | a Affected a | and Cleanup A | Action Tak | en.* | | | | | | | | |
| No cleanup | required on | natural gas re | eleases ven | ted to atmospher | e. | | | | | | | |
| regulations al public health should their o | or the environment. In a | are required to conment. The ave failed to a ddition, NMO | acceptance acceptance dequately CD accept | d/or file certain re e of a C-141 repo investigate and re | elease no ort by the emediate | otifications and NMOCD ma contamination | knowledge and und perform correct arked as "Final Room that pose a three the operator of the contract of the c | tive acti eport" d eat to gr | ons for rele oes not reli ound water | eases which eve the oper , surface wa | may enerator of ter, hun | danger liability nan health |
| Kel | any Ch | notun | - | | | Approved by | OIL CONS | | | DIVISIO | N | |
| Signature: | 0 | | | | | | ~ | | | | | |
| Printed Name | : Kelsey Ch | nristiansen | | | | Da | 4 | | | | | |
| Title: Enviror | mental Spe | cialist | | | A | Approval Date | : 12/33/20 | 5 1 | Expiration I | Date: | | -21 |
| E-mail Addre | ss: kelsey.c | hristiansen@v | williams.co | om | | Conditions of | | | | Attached | | |
| Date: 10/26/1 | | | e: (505) 63 | 2-4606 | | | | | | | | |
| Attach Addit | ional Shee | ts If Necessa | ary | | 1 | 10F15 | 3573950 | do | | | | |

District I
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State of New Mexico Energy Minerals and Natural Resources

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

Form C-141 Revised August 8, 2011

| | | | Rele | ease Notifi | cation | and Co | rrective A | ction | | | | |
|---|--|---|--|---|---------------------------------------|--|---|---|---|--|--|--------------------------------------|
| | | | | | | OPERA | TOR | | ☐ Initi | ial Report | \boxtimes | Final Repor |
| | | illiams Fou | | | (| Contact: Ke | lsey Christianse | n | | | | |
| | | , Bloomfiel | | | | | No.: (505) 632-4 | | | | | |
| Facility Na | me: 29-6#2 | Central De | livery Po | int |] | Facility Typ | e: Central Deliv | ery Poi | int | | | |
| Surface Ow | ner: Privat | е | | Mineral (| Owner | | | | API No | о. | | |
| | | | | LOC | ATION | OF REI | LEASE | | | | | |
| Unit Letter A | Section 19 | Township 29N | Range 6W | Feet from the | North/ | South Line | Feet from the | East/V | Vest Line | County Rio Arrib | a | |
| | | | | | | | e -107.44417° W | V | | | | |
| m an i | | | | NAT | TURE | OF RELI | | | | | | |
| Type of Rele | | | 1 (PCI) | | | | Release: 128 MC | | | Recovered: | | |
| Source of Re | lease: Press | ure Safety Va | live (PSV) | | | Control of the Contro | our of Occurrence at 8:00 AM MS7 | 23.0 | | Hour of Dis 15 at 8:00 A | | |
| Was Immedi | ate Notice C | | Yes [| No Not R | equired | If YES, To | | | 12,01/20 | 15 at 6.00 / | IVI IVIS | |
| By Whom? | | | | | | Date and H | our: | | | | | |
| Was a Water | course Reac | | | | | If YES, Vo | lume Impacting the | he Wate | rcourse. | | | |
| | | | Yes 🛚 | No | | | | | OII O | ONO DI | | |
| If a Waterco | urse was Imp | pacted, Descr | ibe Fully. | * | | | | | VIL U | ONS. DI | / DIS | T. 3 |
| Not Applical | ole | | | | | | | | I. | DEC 16 | 2015 | |
| | put it back is | service. He | also addeo | d insulation to the | | | ately 128 MCF na extra bubble wrap | | | | | ılly isolated |
| No clean-up | required for | natural gas re | eleases. | | | | | | | | | |
| regulations a public health should their or the enviro federal, state | or the envir operations had not been a superations of the notations of the superations of the or local law | are required to onment. The ave failed to a ddition, NMC vs and/or regu | o report and acceptance adequately OCD acceptations. | nd/or file certain to ce of a C-141 reprinted investigate and to | release no ort by the remediate | otifications ar NMOCD ma contamination | knowledge and und perform correct arked as "Final Reson that pose a three the operator of r | tive action eport" de eat to gree esponsil | ons for rel oes not rel ound wate bility for c | eases which ieve the ope r, surface we compliance v | may en rator of ater, hu with any | ndanger f liability man health |
| Le | lang (| histean | _ | | | | OIL CONS | | | DIVISIO | <u>NC</u> | |
| Signature: | Ph Mari | | | | 1 | Approved by | Environmental Sp | ecialist | : | | | |
| Printed Name | e: Kelsey Cl | ristiansen | | | | Va | | - | 5 | | | |
| Title: Enviro | nmental Spe | cialist | | | I | Approval Dat | e: 12/33/20 | 5 I | Expiration | Date: | | |
| E-mail Addre | ess: kelsey.c | hristiansen@ | williams.c | om | | Conditions of | | | | Attached | 1 🗆 | |
| Date: 12/01/2 | | | |) 632-4606 | | | | | | | | |
| Attach Addi | tional Shee | ts If Necess | ary | | 1 | NUFLE | 357415 | 18 | | | | |

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

Release Notification and Corrective Action

| | | | | | | OPERA' | ГOR | | ☐ Initi | al Report |
|---|--|---|--|---|---|--------------------------|--|-----------------------------------|--|--|
| | | /illiams Fou | | | | Contact | Kelsey Christia | | | |
| | | 00, Bloomfi | | | | | No. 505-632-46 | | | |
| Facility Na | me Pump | Mesa Comp | ressor Sta | tion | | Facility Typ | e Compressor | Station | n | |
| Surface Ov | vner Burea | u of Land M | fanageme | nt Miner | ral Owner | | | | API No |), |
| | | | | LO | CATIO | N OF RE | LEASE | | | |
| Unit Letter O | Section 14 | Township 31N | Range 8W | Feet from t | he North | /South Line | Feet from the | East/ | West Line | County San Juan |
| | | | | Latitude | 36.89235 1 | N Longitud | e 107.64344 W | | | |
| | | | | N | ATURE | OF REL | The state of the s | | | |
| Type of Rele | | | CI D | | | | Release 132 MC | | | Recovered 0 MCF |
| Source of Re | elease Facil | ity Emergency | y Shut Dov | vn | | | Four of Occurrence 5, 3:25 AM MST | е | | Hour of Discovery 15, 3:25 AM MST |
| Was Immed | iate Notice (| | Yes 🗌 | No 🛛 N | ot Required | If YES, To | | | | |
| By Whom? | | | | | | Date and I | | | | |
| Was a Water | rcourse Read | | Yes 🛛 | No | | If YES, Vo | olume Impacting to | he Wat | ercourse. | |
| If a Waterco | urse was Im | pacted, Descr | ibe Fully.* | | | | | | | |
| Not Applica | ble | | | | | | | | OIL C | ONS. DIV DIST. 3 |
| | | | | | | | | | D | EC 1 6 2015 |
| Describe Ca | use of Probl | em and Reme | dial Action | Taken.* | | | | | | 2010 |
| Pump Mesa | experienced | an unplanned | ESD vent | ing. The vol | ume of natur | al gas release | d to atmosphere w | vas 132 | MCF. | |
| Describe Are | ea Affected | and Cleanup A | Action Tak | en.* | | | | | | |
| | | | | | | | | | | |
| No cleanup | required wit | h gas releases | vented to a | itmosphere. | | | | | | |
| regulations a public health should their or the enviro | all operators or the envi operations h onment. In a | are required to ronment. The nave failed to a | o report and acceptance adequately OCD accept | d/or file cert e of a C-141 investigate a | ain release n report by th and remediat | e NMOCD me contamination | nd perform correct arked as "Final Ro on that pose a three the operator of r | tive act eport" of eat to g | ions for relations for relatio | suant to NMOCD rules and eases which may endanger ieve the operator of liability r, surface water, human health ompliance with any other |
| | 11/ | / | / | / | | | OIL CONS | SERV | ATION | DIVISION |
| Signature: | Kels | in (| Mul | h | | 1992 | | | 1 | |
| Printed Nam | e: Kelsey C | Christiansen | | | | Approved by | Environmental Sp | pecialis | t: Van | 2 |
| Title: Envir | onmental Sp | pecialist | | | | Approval Da | te: 12/123/120 | 15 | Expiration | Date: |
| E-mail Addr | ess: Kelsey | .christiansen@ | williams. | com | | Conditions o | f Approval: | | | Attached |
| Date: | 12/11/2015 | | | hone: 505-6. | | | | | | |
| Attach Add | itional She | ets If Necess | ary | | | NOF | 1535748 | 380 | 0 | |

OIL CONS. DIV DIST. 3

NOV 1 9 2015

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

State of New Mexico Energy Minerals and Natural Resources

Form C-141 Revised August 8, 2011

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

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

| | | | | | | OPEDAG | TOD | | | |
|---|--|---|--|--|---|---|--|--|---|--|
| Jama - CO | ** | /:11:am - T- | Commission | LLC | | OPERAT | THE COLUMN TWO | | ☐ Initia | al Report |
| | | illiams Four D, Bloomfield | | | | | lsey Christianse | | 1 | |
| | | o Cogenerat | | | | Facility Typ | No.: (505) 632-4 | 1000 | | |
| S 43 | 210 VIII | SWIEL HIL | ion & Ga | | | active Typ | c. I acmity | | | |
| Surface Ov | vner: Willia | ams | | Mineral C | Owner | | | | API No |). |
| | £ 9 2015 | | | | | OF REI | LEASE | | | H A LINE |
| Jnit Letter O | Section 12 | Township 29N | Range 11W | Feet from the | North/ | South Line | Feet from the | East/W | est Line | County San Juan |
| | | | I | atitude 36.735 | 966° N | Longitude | e <u>-107.942329°</u> | W | | |
| | | | | NAT | TURE | OF RELI | | | | |
| ype of Rele | ease: Amine | | | | | Volume of Amine | Release: 1,050 g | allons | Volume F | Recovered: 800 gallons |
| ource of Re | elease: Vent | Stack | | | | | four of Occurrence at 01:00 PM MS | | | Hour of Discovery: 15 at 01:00 PM MST |
| Vas Immedi | iate Notice (| | Yes | No Not Re | equired | If YES, To Brandon Po | Whom? owell, NMOCD | | | Act of the second |
| y Whom? | Kelsey Chri | stiansen | | | | Date and H | lour: 09/28/2015 | at 05:58 | PM MST | Harry Comments |
| | rcourse Read | hed? | Yes 🛛 | No | | If YES, Vo | lume Impacting t | he Wate | rcourse. | and a second |
| | | | | | | | | | | |
| he level sw | ritch on Train | | liams Mila | gro Plant failed a | | | | | | it stack. The train was shut |
| he level sw | ritch on Train | n 4 at the Will | liams Mila product a | gro Plant failed a | | | | | | nt stack. The train was shut and appropriately built. Pump |
| The level swown to prevere utilized | ritch on Train vent any furt I to recover t | n 4 at the Will her release of | liams Mila product ar er mix. | gro Plant failed a nd the issue was r | | | | | | |
| The level swown to prevere utilized Describe Area Hand excavere broke Toluene, Es | ritch on Train vent any furt I to recover to ea Affected a vation of imp in to three thylbenzenes | n 4 at the Will her release of the amine/wat and Cleanup A pacted area oc composite are and Xylenes | liams Mila product are er mix. Action Tak courred and eas with a (BTEX) v | gro Plant failed and the issue was ren.* d confirmation so 5-point composit | il sample te configu | es were collecturation for eatroleum hydro | eted to determine ch area. Samples ocarbons (TPH) v | acceptab | nediately a | |
| The level swown to prevere utilized describe Are Hand excavere broke Toluene, Et The laborate hereby cert egulations a ublic health hould their or the enviro | ea Affected a vation of imp n in to three thylbenzenes tory analytic ify that the i all operators n or the environment. In a | and Cleanup A pacted area oc composite are and Xylenes al results are a information gi are required to comment. The | liams Mila product ar er mix. Action Tak courred and eas with a (BTEX) v non-detect ven above o report an acceptance adequately OCD accep | gro Plant failed and the issue was ren.* d confirmation so 5-point composite a method 8021, for all contamination is true and comput/or file certain refer of a C-141 repoinvestigate and refer of a C-141 repointed and refer of a C- | il sample te configu Total pet ants of co | es were collecturation for eatroleum hydroncern and are the best of my otifications are NMOCD mass contamination | eted to determine ch area. Samples ocarbons (TPH) ve e attached. knowledge and und perform correct arked as "Final Roon that pose a thro | acceptab were rur ria Metho nderstan tive actie eport" do eat to gro | ale cleanup for the food 8015, and that purs ons for releases not reliable out of the food water | and appropriately built. Pump standards are met. Samples stlowing parameters; Benzene |
| he level swown to prevere utilized escribe Are Hand excavere broke Toluene, En The laborat hereby cert gulations a ublic health nould their or the environderal, state | ea Affected a vation of important in to three thylbenzenes tory analytic iffy that the i all operators in or the enviroperations homment. In a second color of the color of th | and Cleanup A pacted area oc composite are and Xylenes al results are reforment. The ave failed to a ddition, NMO ws and/or regular | liams Mila product ar er mix. Action Tak courred and eas with a (BTEX) v non-detect ven above o report an acceptance adequately OCD accep | gro Plant failed and the issue was ren.* d confirmation so 5-point composite a method 8021, for all contamination is true and comput/or file certain refer of a C-141 repoinvestigate and refer of a C-141 repointed and refer of a C- | il sample te configu Total per ants of co | es were collecturation for eatroleum hydroncern and are the best of my otifications are NMOCD may contaminations not relieve | eted to determine ch area. Samples ocarbons (TPH) v e attached. knowledge and u nd perform correct arked as "Final R on that pose a three e the operator of | acceptab were rur ia Metho nderstan tive actic eport" de eat to greesponsit | ale cleanup of for the food 8015, and that purs ons for releases not reliable out of the food 8015. | e standards are met. Samples ellowing parameters; Benzene and Chlorides via Method 300. The standards are met. Samples ellowing parameters; Benzene and Chlorides via Method 300. The standards are met. Samples ellowing parameters; Benzene and Chlorides via Method 300. The standards are met. Samples ellowing parameters are met. Samples ellowing parameters; Benzene ellowing parameters are met. Samples ellowing parameters; Benzene ellowi |
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| he level swown to prevere utilized escribe Are Hand excavere broke Toluene, Enthe laborate hereby cert gulations aublic health would their the environderal, state eignature: | ea Affected a vation of important in the three thylbenzenes tory analytic iffy that the i all operators in or the enviroperations homent. In a case, or local law wee: Kelsey Clanmental Special to recover the series of the seri | and Cleanup A pacted area oc composite are, and Xylenes al results are required to a ddition, NMO ws and/or regularistiansen | Action Take accurred and the accurred accurre | gro Plant failed and the issue was ren.* d confirmation so 5-point composite method 8021, for all contamination is true and compud/or file certain rele of a C-141 repoinvestigate and retance of a C-141 | il sample te configu Total per ants of co | es were collecturation for eatroleum hydroncern and are best of my otifications are NMOCD may contamination on the relieved Approved by | eted to determine ch area. Samples ocarbons (TPH) ve attached. knowledge and und perform correct arked as "Final Roon that pose a three the operator of the operator of the correct arked as "Environmental Section of the correct arked as "Final Roon that pose a three the operator of the operator of the correct arked as "Environmental Section of the correct arked as "Final Roon that pose a three the operator of the correct arked as "Final Roon that pose a three the operator of the correct arked as "Final Roon that pose a three the operator of the correct arked as "Final Roon that pose a three the operator of the correct arked as "Final Roon that pose a three the operator of the correct arked as "Final Roon that pose a three the operator of the correct arked as "Final Roon that pose a three the operator of the correct arked as "Final Roon that pose a three the operator of the correct arked as "Final Roon that pose a three the operator of the correct arked as "Final Roon that pose a three the operator of the correct arked as "Final Roon that pose a three the operator of the correct arked as "Final Roon that pose a three the operator of the correct arked as "Final Roon that pose a three the operator of the correct arked as "Final Roon that pose a three the operator of the correct arked as "Final Roon that pose a three the operator of the correct arked as "Final Roon that pose a three th | acceptab were rur ria Metho nderstan tive actie eport" de eat to gror responsib | ale cleanup of for the food 8015, and that purs ons for releases not reliable out of the food 8015. | e standards are met. Samples silowing parameters; Benzene and Chlorides via Method 300. The standards are met. Samples silowing parameters; Benzene and Chlorides via Method 300. The standards are met. Samples silowing parameters; Benzene and Chlorides via Method 300. The standards are met. Samples silowing parameters; Benzene and Chlorides via Method 300. The standards are met. Samples silowing parameters; Benzene and Chlorides via Method 300. The standards are met. Samples silowing parameters; Benzene and Chlorides via Method 300. The standards are met. Samples silowing parameters; Benzene and Chlorides via Method 300. The standards are met. Samples silowing parameters; Benzene and Chlorides via Method 300. The standards are met. Samples silowing parameters; Benzene and Chlorides via Method 300. The standards are met. Samples silowing parameters; Benzene and Chlorides via Method 300. The standards are met. Samples silowing parameters; Benzene and Chlorides via Method 300. The standards are met. Samples silowing parameters; Benzene and Chlorides via Method 300. The standards are met. Samples silowing parameters; Benzene and Chlorides via Method 300. The standards are met. Samples silowing parameters; Benzene and Chlorides via Method 300. The standards are met. Samples silowing parameters; Benzene and Chlorides via Method 300. The standards are met. Samples silowing parameters; Benzene and Chlorides via Method 300. The standards are met. Samples silowing parameters; Benzene and Chlorides via Method 300. The standards are met. Samples silowing parameters; Benzene and Chlorides via Method 300. The standards are met. Samples silowing parameters; Benzene and Chlorides via Method 300. The standards are met. Samples silowing parameters are met. |
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#NC5/5 3/329578



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

OIL CONS. DIV DIST. 3 NOV 1 9 2015

November 16, 2015

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

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

Dear Mr. Smith:

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

Sincerely,

Kelsey Christiansen Environmental Specialist

Lelany Chrotum

Attachments

Final Form C-141 Analytical Report 1510A84



November 03, 2015

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

FAX

RE: Milagro Train #4

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

OIL CONS. DIV DIST. 3

OrderNo.: 1510A84

Dear Kelsey Christiansen:

Hall Environmental Analysis Laboratory received 3 sample(s) on 10/23/2015 for the analyses presented in the following report.

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

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

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

Andy Freeman

Laboratory Manager

andyl

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report Lab Order 1510A84 Date Reported: 11/3/2015

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Williams Field Services

Milagro Train #4

Lab ID: 1510A84-001

Project:

Client Sample ID: Area 1

Collection Date: 10/22/2015 12:50:00 PM

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

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

Matrix: SOIL

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

- Value exceeds Maximum Contaminant Level.
- Sample Diluted Due to Matrix D
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- % Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank
- E Value above quantitation range
- Analyte detected below quantitation limits Page 1 of 7 J
- Sample pH Not In Range
- RL Reporting Detection Limit

Analytical Report

Lab Order 1510A84

Date Reported: 11/3/2015

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Williams Field Services

Client Sample ID: Area 3

Project: Milagro Train #4 Collection Date: 10/22/2015 1:00:00 PM

Lab ID: 1510A84-002 Matrix: SOIL Received Date: 10/23/2015 7:00:00 AM

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

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

- Value exceeds Maximum Contaminant Level.
- Sample Diluted Due to Matrix D
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- % Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank B
- Value above quantitation range E
- Analyte detected below quantitation limits Page 2 of 7

- P Sample pH Not In Range
- RL Reporting Detection Limit

Analytical Report Lab Order 1510A84

Date Reported: 11/3/2015

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: Area 2

Project: Milagro Train #4

CLIENT: Williams Field Services

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

Lab ID: 1510A84-003

Matrix: SOIL

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

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

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

- Value exceeds Maximum Contaminant Level.
- Sample Diluted Due to Matrix D
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- % Recovery outside of range due to dilution or matrix
- Analyte detected in the associated Method Blank
- E Value above quantitation range
- Analyte detected below quantitation limits Page 3 of 7 J
- P Sample pH Not In Range
- RL Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

WO#:

1510A84

03-Nov-15

Client:

Williams Field Services

Project:

Milagro Train #4

Sample ID MB-22066

SampType: MBLK

TestCode: EPA Method 300.0: Anions

Client ID:

PBS

Batch ID: 22066

SeqNo: 909875

RunNo: 29872

Units: mg/Kg

Analyte

Prep Date: 10/28/2015

Analysis Date: 10/28/2015

%RPD

Qual

Chloride

ND

SPK value SPK Ref Val %REC LowLimit 1.5

HighLimit

RPDLimit

Sample ID LCS-22066

SampType: LCS Batch ID: 22066 TestCode: EPA Method 300.0: Anions RunNo: 29872

Prep Date: 10/28/2015

Client ID: LCSS

14

Analysis Date: 10/28/2015

SeqNo: 909876

Units: mg/Kg

%RPD

RPDLimit

Analyte Chloride

PQL

1.5

15.00

SPK value SPK Ref Val

%REC 93.0

HighLimit 110

Qual

Qualifiers:

Value exceeds Maximum Contaminant Level.

Sample Diluted Due to Matrix D

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

R RPD outside accepted recovery limits

% Recovery outside of range due to dilution or matrix

Analyte detected in the associated Method Blank

E Value above quantitation range

Analyte detected below quantitation limits

Sample pH Not In Range

Reporting Detection Limit

Page 4 of 7

Hall Environmental Analysis Laboratory, Inc.

Result

5.6

PQL

SPK value SPK Ref Val

5.000

WO#:

1510A84

03-Nov-15

Client: Williams Field Services
Project: Milagro Train #4

| Sample ID MB-21997 | SampType: MBLK | TestCode: EPA Method 8015M/D: Diesel Range Organics |
|-----------------------------|---------------------------|---|
| Client ID: PBS | Batch ID: 21997 | RunNo: 29808 |
| Prep Date: 10/23/2015 | Analysis Date: 10/27/2015 | SeqNo: 908118 Units: mg/Kg |
| Analyte | Result PQL SPK value | SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qua |
| Diesel Range Organics (DRO) | ND 10 | |
| Surr: DNOP | 10 10.00 | 103 70 130 |
| Sample ID LCS-21997 | SampType: LCS | TestCode: EPA Method 8015M/D: Diesel Range Organics |
| Client ID: LCSS | Batch ID: 21997 | RunNo: 29808 |
| Prep Date: 10/23/2015 | Analysis Date: 10/27/2015 | SeqNo: 908277 Units: mg/Kg |
| Analyte | Result PQL SPK value | SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qua |
| Diesel Range Organics (DRO) | 50 10 50.00 | 0 99.1 57.4 139 |
| Surr: DNOP | 5.4 5.000 | 108 70 130 |
| Sample ID MB-22045 | SampType: MBLK | TestCode: EPA Method 8015M/D: Diesel Range Organics |
| Client ID: PBS | Batch ID: 22045 | RunNo: 29840 |
| Prep Date: 10/27/2015 | Analysis Date: 10/28/2015 | SeqNo: 908870 Units: %REC |
| Analyte | Result PQL SPK value | SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qua |
| Surr: DNOP | 11 10.00 | 106 70 130 |
| Sample ID LCS-22045 | SampType: LCS | TestCode: EPA Method 8015M/D: Diesel Range Organics |
| Client ID: LCSS | Batch ID: 22045 | RunNo: 29840 |
| Prep Date: 10/27/2015 | Analysis Date: 10/28/2015 | SeqNo: 908871 Units: %REC |
| | | |

Qualifiers:

Analyte

Surr: DNOP

- * 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

%REC

LowLimit

HighLimit

%RPD

RPDLimit

Qual

- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit

Page 5 of 7

Hall Environmental Analysis Laboratory, Inc.

Result

26

940

5.0

WO#:

1510A84

03-Nov-15

Client:

Williams Field Services

Project:

Analyte

Surr: BFB

Gasoline Range Organics (GRO)

Milagro Train #4

| Sample ID MB-21994 Client ID: PBS Prep Date: 10/23/2015 | 35 | Type: MI h ID: 21 Date: 1 | | F | tCode: E RunNo: 2 SeqNo: 9 | 9787 | 8015D: Gaso Units: mg/K | | е | |
|---|------------|---------------------------------|-----------|-------------|----------------------------------|-----------|----------------------------|-----------|----------|------|
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | ND | 5.0 | | | | | | | | |
| Surr: BFB | 870 | | 1000 | | 87.3 | 75.4 | 113 | | | |
| Sample ID LCS-21994 | Samp1 | ype: LC | s | Tes | tCode: E | PA Method | 8015D: Gaso | line Rang | е | |
| Client ID: LCSS | Batcl | n ID: 21 | 994 | F | RunNo: 2 | 9787 | | | | |
| Prep Date: 10/23/2015 | Analysis E | ate: 1 | 0/26/2015 | | SeaNo: 9 | 07567 | Units: mg/K | a | | 6.5 |

0

LowLimit

79.6

75.4

103

94.3

HighLimit

122

113

%RPD

RPDLimit

Qual

SPK value SPK Ref Val

25.00

1000

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

Page 6 of 7

Hall Environmental Analysis Laboratory, Inc.

WO#:

1510A84

03-Nov-15

Client: Williams Field Services
Project: Milagro Train #4

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

| Sample ID LCS-21994 | Samp | Type: LC | S | Tes | tCode: E | PA Method | 8021B: Vola | tiles | | |
|----------------------------|------------|----------|-----------|-------------|----------|-----------|-------------|-------|----------|------|
| Client ID: LCSS | Batc | h ID: 21 | 994 | F | RunNo: 2 | 9787 | | | | |
| Prep Date: 10/23/2015 | Analysis [| Date: 1 | 0/26/2015 | 5 | SeqNo: 9 | 07596 | Units: mg/k | (g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 1.0 | 0.050 | 1.000 | 0 | 102 | 80 | 120 | | 777 | |
| Toluene | 0.92 | 0.050 | 1.000 | 0 | 92.0 | 80 | 120 | | | |
| Ethylbenzene | 0.89 | 0.050 | 1.000 | 0 | 89.3 | 80 | 120 | | | |
| Xylenes, Total | 2.7 | 0.10 | 3.000 | 0 | 89.7 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 1.1 | | 1 000 | | 100 | 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

Page 7 of 7



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 Numb | er: 1510A84 | | RoptNo: | |
|--|-------------|-----------|-----------------|--------------------|
| Received by/date: 3/2 10/23/15 | | | | |
| Logged By: Lindsay Mangin 10/23/2015 7:00:00 | AM | A HADO | | |
| Entry Viscous Control of the Control | | alillo | | |
| 10 00 00 | CM | 03.00 | | |
| Reviewed By: At 10 03 19 | | | | |
| Chain of Custody | _ | | G | |
| 1. Custody seals intact on sample bottles? | Yes 🗌 | No 🗆 | Not Present ✓ | |
| 2. Is Chain of Custody complete? | Yes 🗸 | No L | 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 🗸 | # of preserved | |
| | | . н | bottles checked | |
| Does paperwork match bottle labels? (Note discrepancies on chain of custody) | Yes 🗸 | No 🗆 | for pH (<2 or | >12 unless noted |
| 13. Are matrices correctly identified on Chain of Custody? | Yes 🗸 | No 🗆 | Adjusted? | 10.2 14.45.0 00.00 |
| 14, is it clear what analyses were requested? | Yes 🗹 | No 🗆 | | |
| 15. Were all holding times able to be met? | Yes 🗹 | No 🗆 | Checked by: | |
| (If no, notify customer for authorization.) | | | | |
| Special Handling (if applicable) | | | | |
| 16. Was client notified of all discrepancies with this order? | Yes 🗆 | No 🗹 | NA 🗆 | |
| Person Notified: Data | | | | |
| By Whom: Via: | ☐ eMail ☐ I | Phone Fax | In Person | |
| Regarding: | | | | |
| Client Instructions: | | | | |
| 17. Additional remarks: | | | | |
| 18. Cooler Information | | | | |
| Cooler No Temp °C Condition Seal Intact Seal No | Seal Date | Signed By | | |
| 1 1.2 Good Yes | | | | |

| | | | stody Record | Turn-Around | Time: | | | | | H | IA | LL | E | NV | TE | 20 | NI | 1EI | NTA | AL |
|--|-------------------|-------------|--|------------------------------------|---|--|------------------------------------|---|--|--------------------|--------------------|---------------------------|---------------|-------------------------------|------------------------------|-------------|-----------------|-----------|-----|----------------------|
| ient: | WFS | 5 | | ☑ Standard | | | | | | | | | | | | | | | ТО | |
| | | | | Project Name | | | - | | | | www | v.hal | lenv | iron | ment | al.co | m | | | |
| ailing | Address | : 188 | CR 4900 | Milgran | rain#1 | 1 | | 49 | 901 Hawkins NE - Albuquerque, NM 87109 | | | | | | | | | | | |
| 310 | onfi | icld 1 | In 87413 | Project #: | | | Tel. 505-345-3975 Fax 505-345-4107 | | | | | | | | | | | | | |
| | | 5-215 | | | | | Analysis Request | | | | | | | | | | | | | |
| nail o | r Fax#: K | cley.cu | rist onsen Quillers con | Project Mana | ger: | | 1) | nly) | RO) | | | | | (10 | rn. | | | | | |
| | Package: idard | | ☐ Level 4 (Full Validation) | Kelsey | christ | TAMB'S (8021) TPH (Gas only) 7 (DRO / MRO) | | | | | | SIMS) | | PO4,S | PCB's | | | | | |
| | itation | | | Sampler: Mo | rggu Killie Xi Yes | N C | 148 | PH. | 0/ | - | = | 02 | | NO | 808 | | | | | 9 |
| NEL | West | □ Othe | | THE RESERVE OF THE PERSON NAMED IN | NAME OF TAXABLE PARTY OF TAXABLE PARTY. | THE RESERVE OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TW | + | 1 + T + T + T + T + T + T + T + T + T + | | | | 0 | | | | | | | | |
| EDL | (Type) | 1 | | Sample Tem | perature: 117 | | MTBE | MTBE |) B | pou | hod | 110 | Aeta | 5,0 | licide | (A) | >-iu | -3 | | \ \S |
| Date | Time | Matrix | Sample Request ID | Container Type and # | Preservative Type | HEAL NO. 1510 AS4 | BTEX + N | + | TPH 8015B (GRO / DRO / MRO) | TPH (Method 418.1) | EDB (Method 504.1) | PAH's (8310 or 8270 SIMS) | RCRA 8 Metals | Anions (F,CI,NO3,NO2,PO4,SO4) | 8081 Pesticides / 8082 PCB's | 8260B (VOA) | 8270 (Semi-VOA) | C florida | | Air Bubbles (Y or N) |
| 415- | 12:50 | 50:1 | AREA | 1-402 | Cool | -001 | X | | X | | | | | | | | | X | 1 | |
| No. of Concession, Name of Street, or other party of the Concession, Name of Street, or other pa | 1:00 | 50:1 | AReq 3 | 1-402 | Cool | -007 | X | | X | | | | | | | | | X | | |
| | 1'-15 | soil | AROA 2 | 1-402 | Cool | -003 | X | | X | | | | | | | | | X | | |
| | | | | | | | 2 | | | | | 236 | | | - n | | | | | |
| | | | | | | | | | | | | -1 | | | | | | | | |
| | | | | | | | | | | | | ** | | | | | | | | |
| | P. C. | | | | | | | 3 | | | | H | | | | | | | | |
| | | | | | | Market Control of the | | | | | rv | | | | | | | | | |
| | | | | | | | | | | | | | | 100 | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| ate: | Time: | Relinquishe | ec by: | Received by: | | Date Time | Rer | nark | s: | | | | | T | -1 | | 238 | | | |
| 415 | 1350 | mon | ger-Killion | 1 Must | Work | 10/22/15 1350 | | | | | | | | | | | | | | |
| ate: | Time: | Relinquishe | ed by: | Received by: | M | Date Time | | | | | | | | | | | | | | |
| 22/15 | 2050 | 1 ihr | nitted to Hall Environmental may be sub- | 4 | * ioli | 12/15 0700 | | | | | | | | | | | | | | |

District I 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 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 1 2 2016 Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

| | | | | | | OPERA' | TOR | | ☐ Initi | al Report |
|---|--|---|--|---|------------------------------------|---|--|---|---|--|
| | | /illiams Four | | | - | Contact | Kelsey Christi | | | |
| | | 00, Bloomfi | | 87413 | | | No. 505-632-46 | | | |
| Facility Na | me La Jar | a Compresso | r Station | | | Facility Typ | e Compressor | Station | | |
| Surface Ow | ner Burea | u of Land M | lanageme | nt Mineral O | wner | | | | API No |). |
| | | | | LOCA | TION | OF RE | LEASE | | | |
| Unit Letter M | Section 1 | Township 30N | Range 9W | Feet from the | North/ | South Line | Feet from the | East/V | Vest Line | County San Juan |
| | | | | Latitude 36.81 | 754° N | Longitud | e <u>107.49144° W</u> | <u>/</u> | | |
| | | | | NAT | URE | OF REL | | | | |
| Type of Rele | | al Gas sure Relief Val | lana) | | | | Release 1,442 M Hour of Occurrence | | | Recovered 0 MCF |
| Source of Re | lease Press | sure Renei va | ive | | | | 09:45 AM MST | e | | Hour of Discovery , 09:45 AM MST |
| Was Immedi | ate Notice (| | Yes | No Not Re | equired | If YES, To Jonathan k | | | | |
| By Whom? | | | | | | | Hour: 7/30/15 at 1 | 110000000000000000000000000000000000000 | | |
| Was a Water | course Read | | Yes 🛛 | No | | If YES, Vo | olume Impacting t | the Wate | ercourse. | |
| If a Watercon | irse was Im | pacted, Descr | ibe Fully * | | | | | | | The state of the s |
| | ise of Probl | em and Reme | | | tion inc | urred a weld | failure due to hig | h pressu | re. This ca | used the release of a total of |
| | | | | | ergency | shut down to | de-pressure the | valve an | d secure th | e nozzle source. |
| Describe Are | a Affected | and Cleanup A | Action Tak | en.* | | | | | | |
| No clean-up | required for | r natural gas re | eleases ven | ted to atmosphere | е. | | | | | |
| regulations a public health should their or the enviro | Il operators or the envi operations h nment. In a | are required to ronment. The nave failed to a | o report an acceptance adequately OCD accep | d/or file certain re e of a C-141 repo investigate and re | elease no rt by the emediate | otifications a NMOCD m contaminat | nd perform correct tarked as "Final R tion that pose a three the operator of | ctive acti eport" d eat to gr responsi | ons for rel oes not rel ound wate bility for c | suant to NMOCD rules and eases which may endanger ieve the operator of liability r, surface water, human health compliance with any other |
| Kels | my Chr | dun | | | | | OIL CON | SERV | ATION | DIVISION |
| Signature: | 0 | | | | | Approved by | Environmental S | pecialist | | |
| Printed Nam | e: Kelsey (| Christiansen | | | | | Lare | Ber | 1 | |
| Title: Enviro | onmental S | pecialist | | | | Approval Da | te: 1/20/20 | ا ط | Expiration | Date: |
| E-mail Addr | ess: kelsey. | christiansen@ | williams.c | om | | Conditions o | f Approval: | | | Attached |
| Date: 08/6/1: | 5 | | Pl | none: 505-632-46 | 06 | | | | | |

* Attach Additional Sheets If Necessary

NJK1521538803



OIL CONS. DIV DIST. 3

JAN 1 2 2016

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 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

Revised August 8, 2011

Form C-141

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

Release Notification and Corrective Action **OPERATOR** Initial Report Final Report Contact: Kelsey Christiansen Name of Company: Williams Four Corners LLC Address: 188 CR 4900, Bloomfield, NM 87413 Telephone No.: (505) 632-4606 Facility Name: Hamner #2 Pipeline Facility Type: Pipeline Surface Owner: Bureau of Land Management Mineral Owner API No. LOCATION OF RELEASE Feet from the North/South Line Feet from the Unit Letter East/West Line Section Township Range County 28 29N 9W San Juan L Latitude 36.69438° N Longitude -107.79134° W NATURE OF RELEASE Volume of Release: 315 gallons Type of Release: Produced Water/Condensate Volume Recovered: 0 gallons produced water/condensate Date and Hour of Discovery: Source of Release: Pinhole on the pipeline Date and Hour of Occurrence: Unknown 11/03/15 at 10:00 AM MST If YES, To Whom? Was Immediate Notice Given? ☐ Yes ☐ No ☒ Not Required Date and Hour: By Whom? Was a Watercourse Reached? If YES, Volume Impacting the Watercourse. ☐ Yes ☒ No If a Watercourse was Impacted, Describe Fully.* Not Applicable Describe Cause of Problem and Remedial Action Taken.* On October 21, 2015 Williams leak survey crew discovered a suspected pinhole leak on the Hamner #2 Pipeline which caused the release of a nonreportable amount of natural gas. Once repairs and excavation was complete environmental did a site visit to estimate the amount of liquid associated with impacted soil. Describe Area Affected and Cleanup Action Taken.* Confirmation soil samples were collected to insure cleanup standards are met and are attached. I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. OIL CONSERVATION DIVISION Lelay Christian Approved by Environmental Specialist: Signature: Printed Name: Kelsey Christiansen Title: Environmental Specialist Approval Date: \ **Expiration Date:** E-mail Address: kelsey.christiansen@williams.com Conditions of Approval: Attached Phone: (505) 632-4606

* 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

OrderNo.: 1511369

November 11, 2015

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

RE: Hamner #2 Line Leak

Dear Kelsey Christiansen:

Hall Environmental Analysis Laboratory received 2 sample(s) on 11/10/2015 for the analyses presented in the following report.

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

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

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

Andy Freeman

Laboratory Manager

andyl

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report Lab Order 1511369

Date Reported: 11/11/2015

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Williams Field Services

Project: Hamner #2 Line Leak

Lab ID: 1511369-001 Matrix: SOIL

Client Sample ID: Hamner #2 Bottom Compsite

Collection Date: 11/9/2015 2:00:00 PM Received Date: 11/10/2015 6:50:00 AM

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

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

- Value exceeds Maximum Contaminant Level.
- Sample Diluted Due to Matrix D
- 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
- Analyte detected below quantitation limits Page 1 of 6 J

- Sample pH Not In Range P
- RL Reporting Detection Limit

Analytical Report

Lab Order 1511369

Date Reported: 11/11/2015

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Williams Field Services

1511369-002

Client Sample ID: Hamner #2 Sidewalls

Lab ID:

Project: Hamner #2 Line Leak

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

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

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|-------------------------------|-------------|----------|------|-------|-----|------------------------|---------|
| EPA METHOD 300.0: ANIONS | | | | | | Analyst: | LGT |
| Chloride | 45 | 30 | | mg/Kg | 20 | 11/10/2015 11:20:51 AM | 1 22269 |
| EPA METHOD 8015M/D: DIESEL RA | NGE ORGANIC | S | | | | Analyst: | KJH |
| Diesel Range Organics (DRO) | ND | 9.5 | | mg/Kg | 1 | 11/10/2015 9:56:01 AM | 22265 |
| Surr: DNOP | 96.6 | 70-130 | | %REC | 1 | 11/10/2015 9:56:01 AM | 22265 |
| EPA METHOD 8015D: GASOLINE R | ANGE | | | | | Analyst: | NSB |
| Gasoline Range Organics (GRO) | ND | 4.3 | | mg/Kg | 1 | 11/10/2015 2:05:50 PM | R30136 |
| Surr: BFB | 88.6 | 75.4-113 | | %REC | 1 | 11/10/2015 2:05:50 PM | R3013 |
| EPA METHOD 8021B: VOLATILES | | | | | | Analyst: | NSB |
| Benzene | 0.047 | 0.043 | | mg/Kg | . 1 | 11/10/2015 2:05:50 PM | A30136 |
| Toluene | 0.23 | 0.043 | | mg/Kg | 1 | 11/10/2015 2:05:50 PM | A30136 |
| Ethylbenzene | ND | 0.043 | | mg/Kg | 1 | 11/10/2015 2:05:50 PM | A30136 |
| Xylenes, Total | 0.28 | 0.087 | | mg/Kg | 1 | 11/10/2015 2:05:50 PM | A30136 |
| Surr: 4-Bromofluorobenzene | 112 | 80-120 | | %REC | 1 | 11/10/2015 2:05:50 PM | A30136 |

Matrix: SOIL

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

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
- Analyte detected in the associated Method Blank
- E Value above quantitation range
- Analyte detected below quantitation limits

Page 2 of 6

- P Sample pH Not In Range
- RL Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

WO#:

1511369

11-Nov-15

Client:

Williams Field Services

Project:

Hamner #2 Line Leak

Sample ID MB-22269

SampType: MBLK

TestCode: EPA Method 300.0: Anions

Client ID:

Sample ID LCS-22269

Client ID: LCSS

PBS

Batch ID: 22269

RunNo: 30148

Prep Date: 11/10/2015

Analysis Date: 11/10/2015

SeqNo: 918734

Units: mg/Kg

Qual

Analyte

Result ND PQL SPK value SPK Ref Val %REC LowLimit

TestCode: EPA Method 300.0: Anions

RPDLimit

Chloride

1.5

HighLimit

%RPD

SampType: LCS

Batch ID: 22269

RunNo: 30148 SeqNo: 918735

Units: mg/Kg

Chloride

Prep Date: 11/10/2015

Analysis Date: 11/10/2015

14

SPK value SPK Ref Val %REC

HighLimit

%RPD

Qual

PQL

15.00

110

Analyte

1.5

RPDLimit

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

Holding times for preparation or analysis exceeded H

Not Detected at the Reporting Limit ND

R RPD outside accepted recovery limits

% Recovery outside of range due to dilution or matrix S

Analyte detected in the associated Method Blank B

Value above quantitation range

Analyte detected below quantitation limits

P Sample pH Not In Range Reporting Detection Limit Page 3 of 6

Hall Environmental Analysis Laboratory, Inc.

WO#:

1511369

11-Nov-15

Client:

Williams Field Services

Project:

Hamner #2 Line Leak

| Sample ID | MB-22265 |
|--|----------|
| The second secon | |

SampType: MBLK

TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID:

PBS

Batch ID: 22265

POL

10

RunNo: 30123

Prep Date: 11/10/2015

Analysis Date: 11/10/2015

SeqNo: 917659

%REC

Units: mg/Kg HighLimit

Qual

Analyte Diesel Range Organics (DRO) Surr: DNOP

Result ND 8.3

10.00

SPK value SPK Ref Val

83.3

LowLimit

LowLimit

57.4

70

70 130

Sample ID LCS-22265

SampType: LCS

TestCode: EPA Method 8015M/D: Diesel Range Organics

%RPD

Client ID: LCSS Prep Date: 11/10/2015

Batch ID: 22265

RunNo: 30123

Analyte

Analysis Date: 11/10/2015 SPK value SPK Ref Val

SeqNo: 917660 %REC

Units: mg/Kg

%RPD

RPDLimit

Diesel Range Organics (DRO)

Sample ID MB-22220

44 50.00 3.9 5.000 87.1 78.7 HighLimit 139 130 **RPDLimit** Qual

Surr: DNOP

SampType: MBLK

TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: Prep Date: 11/6/2015

PBS

Batch ID: 22220 Analysis Date: 11/10/2015 RunNo: 30124

Units: %REC

Analyte Surr: DNOP PQL

SPK value SPK Ref Val %REC

10.00

SeqNo: 917919 LowLimit

HighLimit

130

%RPD **RPDLimit**

Qual

Sample ID LCS-22220

Prep Date: 11/6/2015

SampType: LCS

TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: LCSS

Batch ID: 22220

RunNo: 30124

Analyte

Result PQL

Analysis Date: 11/10/2015

SeqNo: 917920

Units: %REC

RPDLimit Qual

Surr: DNOP

7.4

5.000

SPK value SPK Ref Val

%REC LowLimit 147

70

HighLimit 130

%RPD

S

Qualifiers:

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

Page 4 of 6

Hall Environmental Analysis Laboratory, Inc.

WO#:

1511369

11-Nov-15

Client: Project: Williams Field Services

Sample ID 5ML RB

Hamner #2 Line Leak

SampType: MBLK

POL

5.0

5.0

TestCode: EPA Method 8015D: Gasoline Range

Client ID:

PBS

Batch ID: R30136

RunNo: 30136

Prep Date:

Analysis Date: 11/10/2015

SeqNo: 918410 %REC

Units: mg/Kg

HighLimit

SPK value SPK Ref Val

Qual

Analyte

Gasoline Range Organics (GRO) Surr: BFB

ND 870

Result

1000

87.3

75.4

LowLimit

113

%RPD **RPDLimit**

Sample ID 2.5UG GRO LCS

SampType: LCS

SPK value SPK Ref Val

TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS

Batch ID: R30136

RunNo: 30136 SeqNo: 918411

Units: mg/Kg

%RPD

%RPD

%RPD

Analyte

Prep Date:

Analysis Date: 11/10/2015 Result

23

930

Result

860

25.00

1000

1000

SPK value SPK Ref Val %REC

LowLimit 92.0 79.6

75.4

HighLimit 122

113

RPDLimit

Qual

Gasoline Range Organics (GRO)

Surr: BFB

PBS

Sample ID LCS-22241

LCSS

Sample ID MB-22241

SampType: MBLK

Analysis Date: 11/10/2015

Batch ID: 22241

TestCode: EPA Method 8015D: Gasoline Range

RunNo: 30136 SegNo: 918420

92.8

Units: %REC

113

RPDLimit

Qual

Analyte Surr: BFB

Client ID:

Prep Date:

Client ID:

Prep Date:

11/9/2015

SampType: LCS Batch ID: 22241 TestCode: EPA Method 8015D: Gasoline Range

%REC

85.6

RunNo: 30136

75.4

LowLimit

Units: %REC

HighLimit

Qual

Analyte Surr: BFB 11/9/2015

PQL

Analysis Date: 11/10/2015

SeqNo: 918421 %REC

LowLimit

HighLimit

RPDLimit

930

Result

1000

SPK value SPK Ref Val

92.7

75.4

113

Qualifiers:

S

- Value exceeds Maximum Contaminant Level.
- Sample Diluted Due to Matrix D
- Holding times for preparation or analysis exceeded H

% Recovery outside of range due to dilution or matrix

- Not Detected at the Reporting Limit ND
- R RPD outside accepted recovery limits

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

Page 5 of 6

Hall Environmental Analysis Laboratory, Inc.

WO#: 1511369

11-Nov-15

Client:

Williams Field Services

Project:

Hamner #2 Line Leak

| Sample ID 5ML RB | Samp | ype: ME | BLK | Tes | tCode: El | PA Method | 8021B: Vola | tiles | | |
|----------------------------|------------|----------|-----------|-------------|-----------|-----------|-------------|-------|----------|------|
| Client ID: PBS | Batc | n ID: A3 | 0136 | F | RunNo: 3 | 0136 | | | | |
| Prep Date: | Analysis [| Date: 11 | 1/10/2015 | 8 | SeqNo: 9 | 18492 | Units: mg/K | (g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | ND | 0.050 | | | | | | | 77 | |
| Toluene | ND | 0.050 | | | | | | | | |
| Ethylbenzene | ND | 0.050 | | | | | | | | |
| Xylenes, Total | ND | 0.10 | | | | | | | | |
| Surr: 4-Bromofluorobenzene | 1.1 | | 1.000 | | 108 | 80 | 120 | | | |

| Client ID: LCSS Batch ID: A30136 RunNo: 30136 Prep Date: Analysis Date: 11/10/2015 SeqNo: 918493 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Benzene 0.99 0.050 1.000 0 98.8 80 120 Toluene 1.0 0.050 1.000 0 101 80 120 Ethylbenzene 1.0 0.050 1.000 0 101 80 120 | | | | iles | 8021B: Volat | PA Method | tCode: EF | Test | S | ype: LC | SampT | 100NG BTEX LCS | Sample ID |
|--|------|-------|-------|------|--------------|-----------|-----------|-------------|-----------|---------|------------|----------------|----------------|
| Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Benzene 0.99 0.050 1.000 0 98.8 80 120 Toluene 1.0 0.050 1.000 0 100 80 120 | | | | | | 0136 | RunNo: 30 | R | 0136 | 1D: A3 | Batch | LCSS | Client ID: |
| Benzene 0.99 0.050 1.000 0 98.8 80 120 Toluene 1.0 0.050 1.000 0 100 80 120 | | | | g | Units: mg/K | 18493 | SeqNo: 9 | S | /10/2015 | ate: 11 | Analysis D | | Prep Date: |
| Toluene 1.0 0.050 1.000 0 100 80 120 | Qual | Limit | RPDLi | %RPD | HighLimit | LowLimit | %REC | SPK Ref Val | SPK value | PQL | Result | | Analyte |
| | | | | | 120 | 80 | 98.8 | 0 | 1.000 | 0.050 | 0.99 | | Benzene |
| Ethylbenzene 1.0 0.050 1.000 0 101 80 120 | | | | | 120 | 80 | 100 | 0 | 1.000 | 0.050 | 1.0 | | Toluene |
| | | | | | 120 | 80 | 101 | 0 | 1.000 | 0.050 | 1.0 | | Ethylbenzene |
| Xylenes, Total 3.1 0.10 3.000 0 104 80 120 | | | | | 120 | 80 | 104 | 0 | 3.000 | 0.10 | 3.1 | | Xylenes, Total |
| Surr: 4-Bromofluorobenzene 1.2 1.000 117 80 120 | | | | | 120 | 80 | 117 | | 1.000 | | 1.2 | ofluorobenzene | Surr: 4-Brom |

| Sample ID MB-22241 | SampType: MBLK | TestCode: EPA Metho | TestCode: EPA Method 8021B: Volatiles | | | | | | | |
|----------------------------|--------------------------|------------------------------|---------------------------------------|---------------|--|--|--|--|--|--|
| Client ID: PBS | Batch ID: 22241 | RunNo: 30136 | | | | | | | | |
| Prep Date: 11/9/2015 | Analysis Date: 11/10/201 | SeqNo: 918501 | Units: %REC | | | | | | | |
| Analyte | Result PQL SPK va | lue SPK Ref Val %REC LowLimi | t HighLimit %RPD | RPDLimit Qual | | | | | | |
| Surr: 4-Bromofluorobenzene | 1.1 1.0 | 000 109 8 | 120 | | | | | | | |

| Sample ID LCS-22241 | SampType: LCS Batch ID: 22241 | | | Tes | | | | | | |
|----------------------------|-------------------------------|-----|-----------|-------------|----------|------------|-----------|------|----------|------|
| Client ID: LCSS | | | | F | RunNo: 3 | 0136 | | | | |
| Prep Date: 11/9/2015 | Analysis Date: 11/10/2015 | | S | SeqNo: 9 | 18502 | Units: %RE | С | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: 4-Bromofluorobenzene | 1.2 | | 1.000 | | 115 | 80 | 120 | | | 5-16 |

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

Page 6 of 6



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 Numb | er: 1511369 | | RcptNo: 1 |
|---|--|--------------------|--------------------------------|
| Received by/date: # 11/10/15 | | | |
| Logged By: Anne Thorne 11/10/2015 6:50:00 | AM | Anne Stra | |
| Completed By: Anne Thorne 11/10/2015 | | anne Am | |
| Reviewed By: 11/10/15 | | | |
| Chain of Custod | | | |
| 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 🗹 | # of preserved |
| | | | bottles checked |
| 12. Does paperwork match bottle labels? (Note discrepancies on chain of custody) | Yes 🗸 | No 🗆 | for pH: (<2 or >12 unless note |
| 13. Are matrices correctly identified on Chain of Custody? | Yes 🗹 | No 🗆 | Adjusted? |
| 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 🗆 | Checked by: |
| | | | |
| Special Handling (if applicable) | W | -X | |
| 16. Was client notified of all discrepancies with this order? | Yes 🗆 | No 🗆 | NA 🗹 |
| Person Notified: Date | Address of the control of the contro | 1 | |
| By Whom: Via: | eMail | Phone Fax | ☐ In Person |
| Regarding: | to an annual section of the section | denimadantes did a | |
| Client Instructions: | | ete det e dese | |
| 17. Additional remarks: | 30 37 17 37 37 37 37 | | |
| | | | |
| 18. Cooler Information Cooler No Temp °C Condition Seal Intact Seal No | Seal Date | Signed By | |
| Cooler No Temp °C Condition Seal Intact Seal No 1 1.3 Good Yes | Seal Date | olylied by. | |

| Chain-of-Custody Record | | Turn-Around | | | | | | | | AFT | D.C. | | AGE | BIT | A.I. | | | | | |
|-------------------------|---------------|---|---------------------------|--|-----------|---------------------------------|--|----------------|----------------|--------------------|--------------------|---------------------|---------------|------------------------------|-------------|-----------------|---------|---------|-------|----------------------|
| | | Turn-Around Time: Same Day Standard Rush 11-10-75 Project Name: HGANCO#2 Live Leak Project #: | | | | | HALL ENVIRONMENTAL ANALYSIS LABORATORY | | | | | | | | | | | | | |
| | | | | Project Name | E. | | | | | ٧ | ww. | halle | enviro | nme | ntal.c | com | | | | |
| lailing | Address | : 188 | CR 4900 | Hanner | -#2 17 | Ne Leak | 0.0 | 490 | 01 H | | | | Albuo | | | | 7109 | | | |
| 2/00 | sm Fic | Id N | M 87413 | Project #: | | | | | | 5-34 | | 75 | Fax | 505 | 5-345 | 5-410 | | | | |
| hone | #: 50 | 1 10 | 15-7433 | D | | | | 0 | | | | An | alysi | | ques | it. | | | | |
| | ackage: | Kelse | Level 4 (Full Validation) | | | ction Sed | TWB's (8021) | TPH (Gas only) | O / MRe) | | | SIMS) | 08.00 | PCB's | | | | | | |
| .ccredi | | | | Sampler: Mr | GGEN K | illia | 100 | 뉴 | DRO | | | 0.0 | | 2 60 | | | | | | |
|) NEL | AP | □ Othe | r | Sampler: Morgen Killion Onlice: Serves INC | | | | F + | 30 | 18.1 | 2. | 827 | 2 | 18/ | | F | J | | | N I |
| 1 EDD | (Type) | | | Sample Temp | perature: | <i>1.</i> 3 | MTBE | | 9 | 4 bc | 9 | 0 0 | stals | , se ci | 1 | 8 | 3 | | | ح |
| Date | Time | Matrix | Sample Request ID | Container Type and # Mesh ket | 1,100 | e HEAL No | BTEX + MH | BTEX + MTBE | TPH 8015B (GRO | TPH (Method 418.1) | EDB (Method 504.1) | PAH's (8310 or 8270 | RCRA 8 Metals | 8081 Pesticides / 8082 PCB's | 8260B (VOA) | 8270 (Semi-VOA) | Ch lori | | | Air Bubbles (Y or N) |
| 1/15 | 1400 | soil | ROHOM CONFSILE | 1-402 | Cool | -001 | X | | X | | | | | T | | | X | | | Ħ |
| 115 | 1410 | Soi (| Hem Ne-# 2 Sidewalls | 1-402 | C061 | 702 | X | | X | | | - | + | F | - | | X | - | - | |
| | | | | | | | | | | | | | | | | | | | \pm | |
| | * | | | | | | - | | | | + | 1 | | + | | | | + | | \vdash |
| | | | | | 1 11 | | | | | _ | - | | + | - | | | | 1 | - | |
| | | | | 9 | | | | | | | | | | | | | | \perp | | |
| | | | | | | | - | | | + | + | 1 | | - | - | | | | + | H |
| 1 (| EU d' | Water of | | | | | | | | | | | | 105 | | | | | | |
| late: | Time: | Relinquished by: | | Received by: Date Time | | | | nark | s: | | 198 | | | | | | | | | |
| 9/15 Pate: | 1555 Time: | Relinquish | ed by: | Received by: | & Walt | 11/9/15 1553 Date Time | 1 | | | | | | | | | | | | | |
| 9/15 | 1812 | The | strelibela | 1 | in h | Date Time 11/10/15 06/57) | | | | | | | | | J. | | | | | |