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 Department

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

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

| | |
|---|---|
| Incident ID | |
| District RP | 1613 |
| Facility ID | |
| Application ID | |

NMOCD
MAR 28 2019
DISTRICT III

# Release Notification

## Responsible Party

| | |
|---|---|
| Responsible Party **Harvest Four Corners, LLC** | OGRID **37388** |
| Contact Name **Monica Sandoval** | Contact Telephone **505-632-4625** |
| Contact email **msandoval@harvestmidstream.com** | Incident # *(assigned by OCD)* ***NCS1903142130*** |
| Contact mailing address **1755 Arroyo Dr., Bloomfield, NM 87413** | |

## Location of Release Source

Latitude **36.940625** Longitude **-108.276322**
*(NAD 83 in decimal degrees to 5 decimal places)*

| | |
|---|---|
| Site Name **Ute Indian A34** | Site Type **meter location / pipeline leak** |
| Date Release Discovered **1/9/2019** | API# *(if applicable)* |

| Unit Letter | Section | Township | Range | County |
|---|---|---|---|---|
| **O** | **35** | **T32N** | **R14W** | **San Juan** |

Surface Owner: ☐ State ☐ Federal ☒ Tribal ☐ Private (*Name:* **Ute Mountain Reservation**)

## Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

| | | |
|---|---|---|
| ☐ Crude Oil | Volume Released (bbls) | Volume Recovered (bbls) |
| ☒ Produced Water | Volume Released (bbls) **2 gallons** | Volume Recovered (bbls) **0** |
| | Is the concentration of dissolved chloride in the produced water >10,000 mg/l? | ☐ Yes ☐ No |
| ☐ Condensate | Volume Released (bbls) | Volume Recovered (bbls) |
| ☒ Natural Gas | Volume Released (Mcf) **3427 mcf** | Volume Recovered (Mcf) **0** |
| ☐ Other (describe) | Volume/Weight Released (provide units) | Volume/Weight Recovered (provide units) |

Cause of Release **The line leak was discovered while having difficulty building pressure to run the Trunk C Barker Dome pig. It was noticed while trending pressures in the area, and discovered that pressures were going down instead of building. The leak was coming from the end of a meter run on the Ute Indian 34 from a 1.5 inch orifice from a valve. There appeared to be a light coating of liquid mist that displayed on the snow surface. Beneath the surface there was no liquid visible. The tie in to the meter run was isolated and was blown down. Estimated gas loss was determined to be 3426.93 mcf. See attached pictures and screenshot of gas loss estimation.**

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State of New Mexico
Oil Conservation Division

| | |
|---|---|
| Incident ID | |
| District RP | |
| Facility ID | |
| Application ID | |

| | |
|---|---|
| Was this a major release as defined by 19.15.29.7(A) NMAC?<br><br>☒ Yes ☐ No | If YES, for what reason(s) does the responsible party consider this a major release?<br>**At the time of discovery release was expected to exceed 500 mcf, with minimal misting of produced water. Liquid mist estimated at 2 gallons, creating discolored snow. No liquid or contamination visible under the snow. Once snow melt took place simple green was sprayed on area and raked.** |
| If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?<br>**Notice provided by Kijun Hong via email 1/9/2019 at 12:36pm. Email sent to Vanessa Fields, Cory Smith and Jim Griswold.** | |

## Initial Response

*The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury*

☒ The source of the release has been stopped.
☒ The impacted area has been secured to protect human health and the environment.
☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
☒ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

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

Printed Name: **Monica Sandoval** Title: **Environmental Specialist**

Signature: MonicaSandoval Date: **1/23/2019**

email: **msandoval@harvestmidstream.com** Telephone: **505-632-4625 (o) 505-947-1852 (C )**

**OCD Only**

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

| | |
|---|---|
| Incident ID | |
| District RP | |
| Facility ID | |
| Application ID | |

# Site Assessment/Characterization

*This information must be provided to the appropriate district office no later than 90 days after the release discovery date.*

| | |
|---|---|
| What is the shallowest depth to groundwater beneath the area affected by the release? | _____ (ft bgs) |
| Did this release impact groundwater or surface water? | ☐ Yes ☒ No |
| Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse? | ☐ Yes ☒ No |
| Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)? | ☐ Yes ☒ No |
| Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church? | ☐ Yes ☒ No |
| Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes? | ☐ Yes ☒ No |
| Are the lateral extents of the release within 1000 feet of any other fresh water well or spring? | ☐ Yes ☒ No |
| Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field? | ☐ Yes ☒ No |
| Are the lateral extents of the release within 300 feet of a wetland? | ☐ Yes ☒ No |
| Are the lateral extents of the release overlying a subsurface mine? | ☐ Yes ☒ No |
| Are the lateral extents of the release overlying an unstable area such as karst geology? | ☐ Yes ☒ No |
| Are the lateral extents of the release within a 100-year floodplain? | ☐ Yes ☒ No |
| Did the release impact areas **not** on an exploration, development, production, or storage site? | ☐ Yes ☒ No |

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

**Characterization Report Checklist:** ***Each of the following items must be included in the report.***

- ☐ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☐ Field data
- ☐ Data table of soil contaminant concentration data
- ☐ Depth to water determination
- ☐ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☐ Photographs including date and GIS information
- ☐ Topographic/Aerial maps
- ☐ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

State of New Mexico
Oil Conservation Division

| | |
|---|---|
| Incident ID | |
| District RP | |
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| Application ID | |

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

Printed Name: Monica Sandoval Title: Environmental Specialist

Signature: MonicaSandoval Date: 3/25/2019

email: msandoval@harvestmidstream.com Telephone: 505-632-4625 (O) 505-947-1852 (C)

**OCD Only**

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

| | |
|---|---|
| Incident ID | |
| District RP | |
| Facility ID | |
| Application ID | |

# Remediation Plan

**Remediation Plan Checklist:** *Each of the following items must be included in the plan.*

- ☐ Detailed description of proposed remediation technique
- ☐ Scaled sitemap with GPS coordinates showing delineation points
- ☐ Estimated volume of material to be remediated
- ☐ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☐ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

**Deferral Requests Only:** *Each of the following items must be confirmed as part of any request for deferral of remediation.*

☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.

☐ Extents of contamination must be fully delineated.

☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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

Printed Name: Monica Sandoval Title: Environmental Specialist

Signature: MonicaSandoval Date: 3/25/2019

email: msandoval@harvestmidstream.com Telephone: 505-632-4625 (O) 505-947-1852 (C)

**OCD Only**

Received by: _____ Date: _____

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____ Date: _____

State of New Mexico
Oil Conservation Division

| | |
|---|---|
| Incident ID | |
| District RP | |
| Facility ID | |
| Application ID | |

# Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

**Closure Report Attachment Checklist:** ***Each of the following items must be included in the closure report.***

☐ A scaled site and sampling diagram as described in 19.15.29.11 NMAC

☐ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

☐ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD 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 OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD 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. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Monica Sandoval Title: Environmental Specialist

Signature: MonicaSandoval Date: 3/25/2109

email: msandoval@harvestmidstream.com Telephone: 505-632-4625 (O) 505-947-1852 (C)

**OCD Only**

Received by: Cory Date: 3/28/19

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: Cory Smith Date: 4/4/19

Printed Name: Environmental Spec. Title: Cory Smith

## Tristen Ruybalid

**From:** Kijun Hong
**Sent:** Wednesday, January 09, 2019 12:36 PM
**To:** Fields, Vanessa, EMNRD (Vanessa.Fields@state.nm.us); Smith, Cory, EMNRD; Griswold, Jim, EMNRD
**Cc:** Jim Stiffler; Monica Sandoval; Travis Jones
**Subject:** Immediate Notification - Harvest - Ute A34

Harvest had a natural gas release expected to exceed 500 MCF at our Ute A34 location (36.940625, -108.276322). There was minimal misting of produced water associated with this release (approximately 25ft x 15ft of snow covered ground affected).

The release was cause by failure of a valve body due to freezing.

Please let this serve as immediate notification.

Thank You,
Kijun

**Kijun Hong** | Harvest Midstream Company| Environmental Specialist | Four Corners
Office: 505-632-4475 | Cell: 505-436-8457 | 1755 Arroyo Dr., Bloomfield, NM 87413

Harvest Four Corners, LLC
1755 Arroyo Drive
Bloomfield, NM 87413
(505) 632-4600
www.harvestmidstream.com

**Harvest Midstream – Ute Indian A34 – Pipeline Leak**
**Release Date: 1/9/2019**
**Incident Number: NCS1903142130**

## Executive Summary

The line leak was discovered while having difficulty building pressure to run the Trunk C Barker Dome pig. It was noticed while trending pressures in the area, and discovered that pressures were going down instead of building. The leak was coming from the end of a meter run on the Ute Indian 34 from a 1.5 inch orifice from a valve. There appeared to be a light coating of liquid mist that displayed on the snow surface. Approximately 25 feet x 15 feet of snow-covered ground was affected. Beneath the surface there was no liquid visible. The tie-in to the meter run was isolated and was blown down. Estimated gas loss was determined to be 3,426.93 mcf. See attached pictures and screenshot of gas loss estimation.

At the time of discovery, release was expected to exceed 500 mcf with minimal misting of produced water. Liquid mist estimated at 2 gallons, creating discolored snow. No liquid or contamination visible under the snow. Once snow melt took place simple green was sprayed on area and raked.

Harvest Four Corners, LLC
1755 Arroyo Drive
Bloomfield, NM 87413
(505) 632-4600
www.harvestmidstream.com

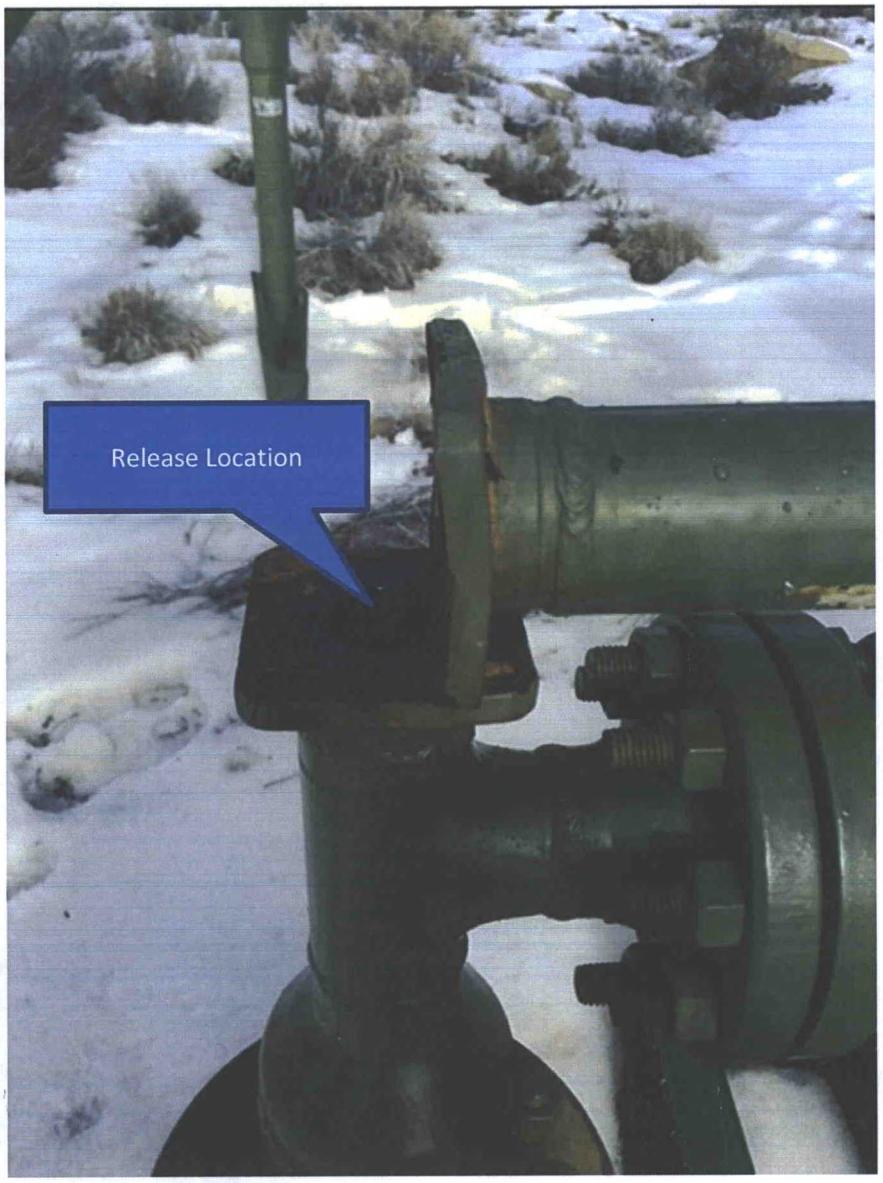
**Harvest Midstream – Ute Indian A34 – Pipeline Leak**
**Release Date: 1/9/2019**
**Incident Number: NCS1903142130**

## Site Map and Sampling Diagram

Harvest Four Corners, LLC
1755 Arroyo Drive
Bloomfield, NM 87413
(505) 632-4600
www.harvestmidstream.com

**Harvest Midstream – Ute Indian A34 – Pipeline Leak**
**Release Date: 1/9/2019**
**Incident Number: NCS1903142130**

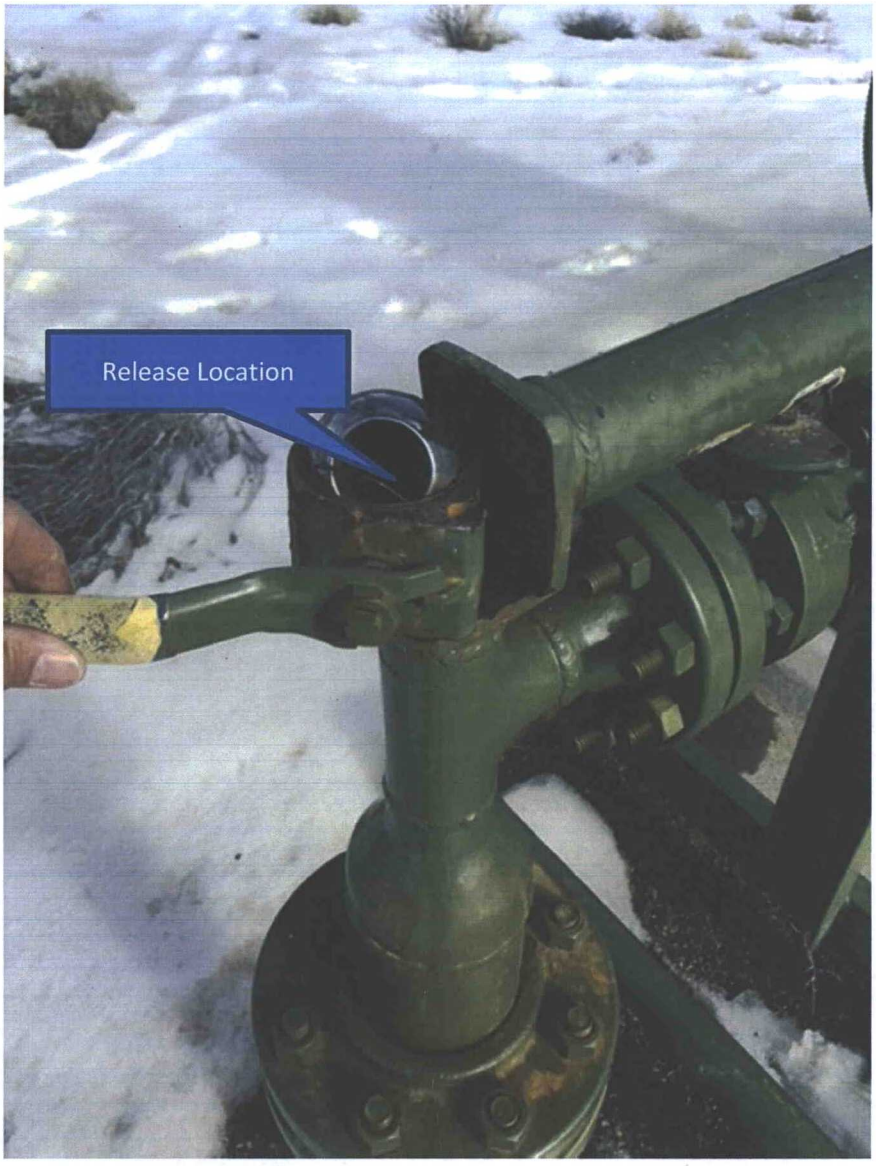
## Photographs



Harvest Four Corners, LLC
1755 Arroyo Drive
Bloomfield, NM 87413
(505) 632-4600
www.harvestmidstream.com

**Harvest Midstream – Ute Indian A34 – Pipeline Leak**
**Release Date: 1/9/2019**
**Incident Number: NCS1903142130**

## Photographs



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(505) 632-4600
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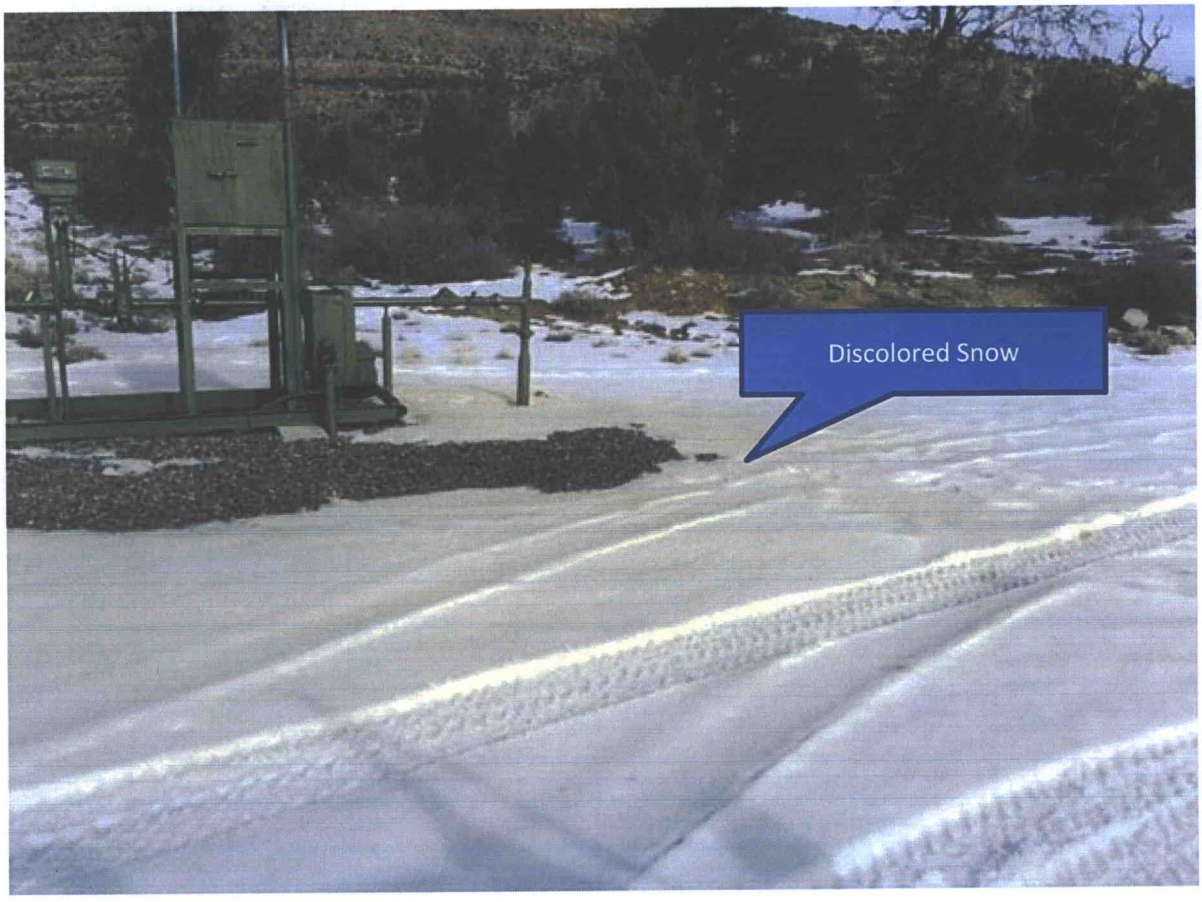
**Harvest Midstream – Ute Indian A34 – Pipeline Leak**
**Release Date: 1/9/2019**
**Incident Number: NCS1903142130**

**Photographs**



Harvest Four Corners, LLC
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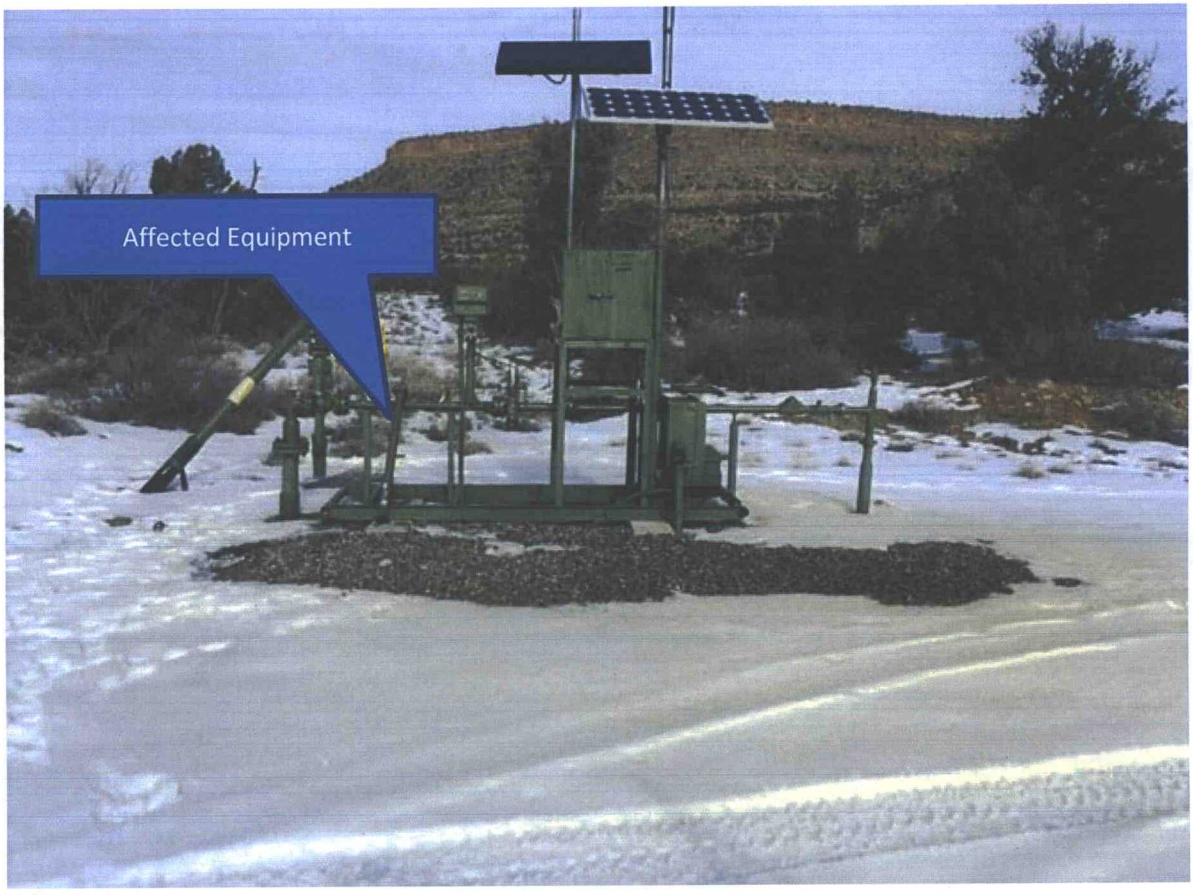
**Harvest Midstream – Ute Indian A34 – Pipeline Leak**
**Release Date: 1/9/2019**
**Incident Number: NCS1903142130**

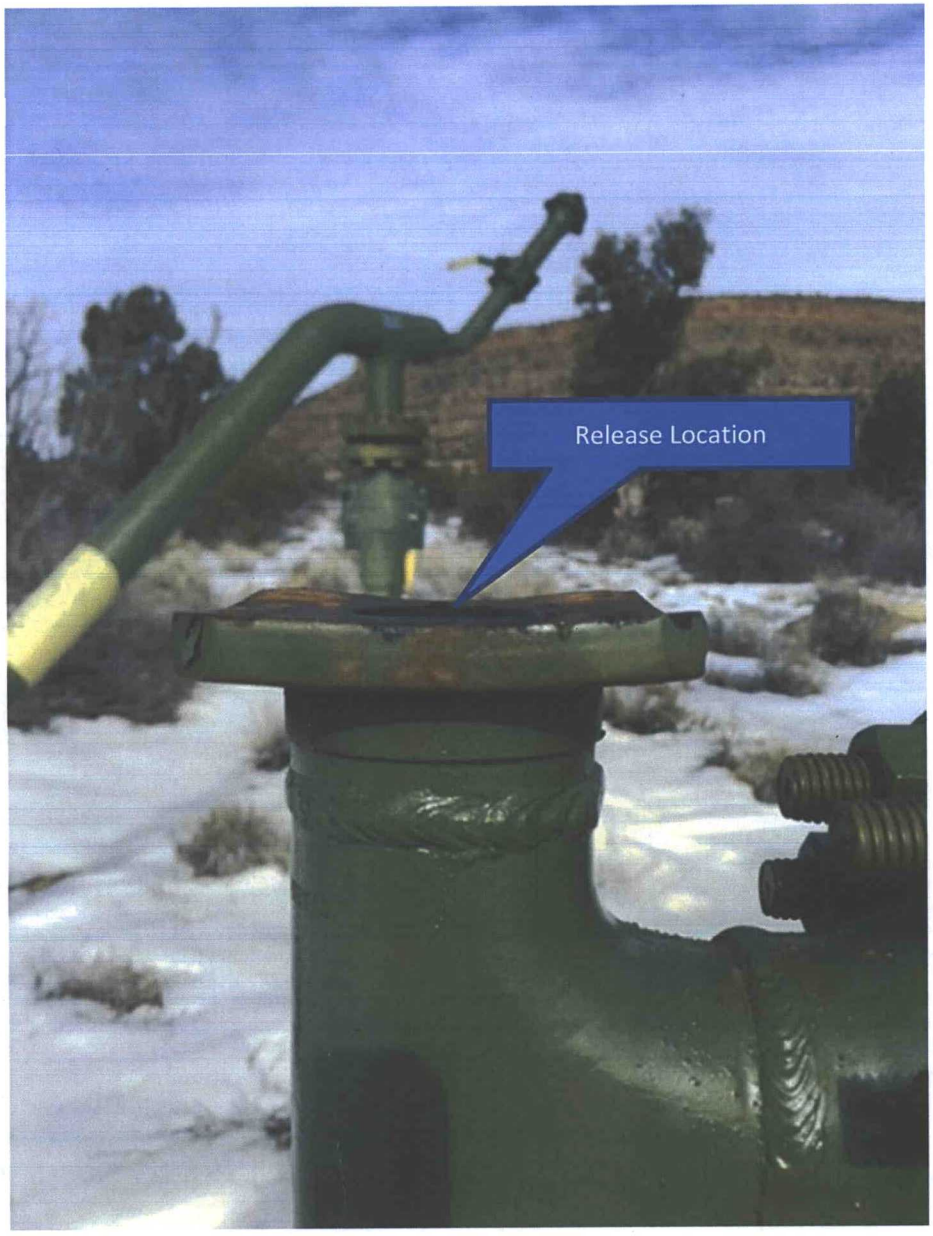
**Photographs**



Harvest Four Corners, LLC
1755 Arroyo Drive
Bloomfield, NM 87413
(505) 632-4600
www.harvestmidstream.com

**Harvest Midstream – Ute Indian A34 – Pipeline Leak**
**Release Date: 1/9/2019**
**Incident Number: NCS1903142130**

**Photographs**



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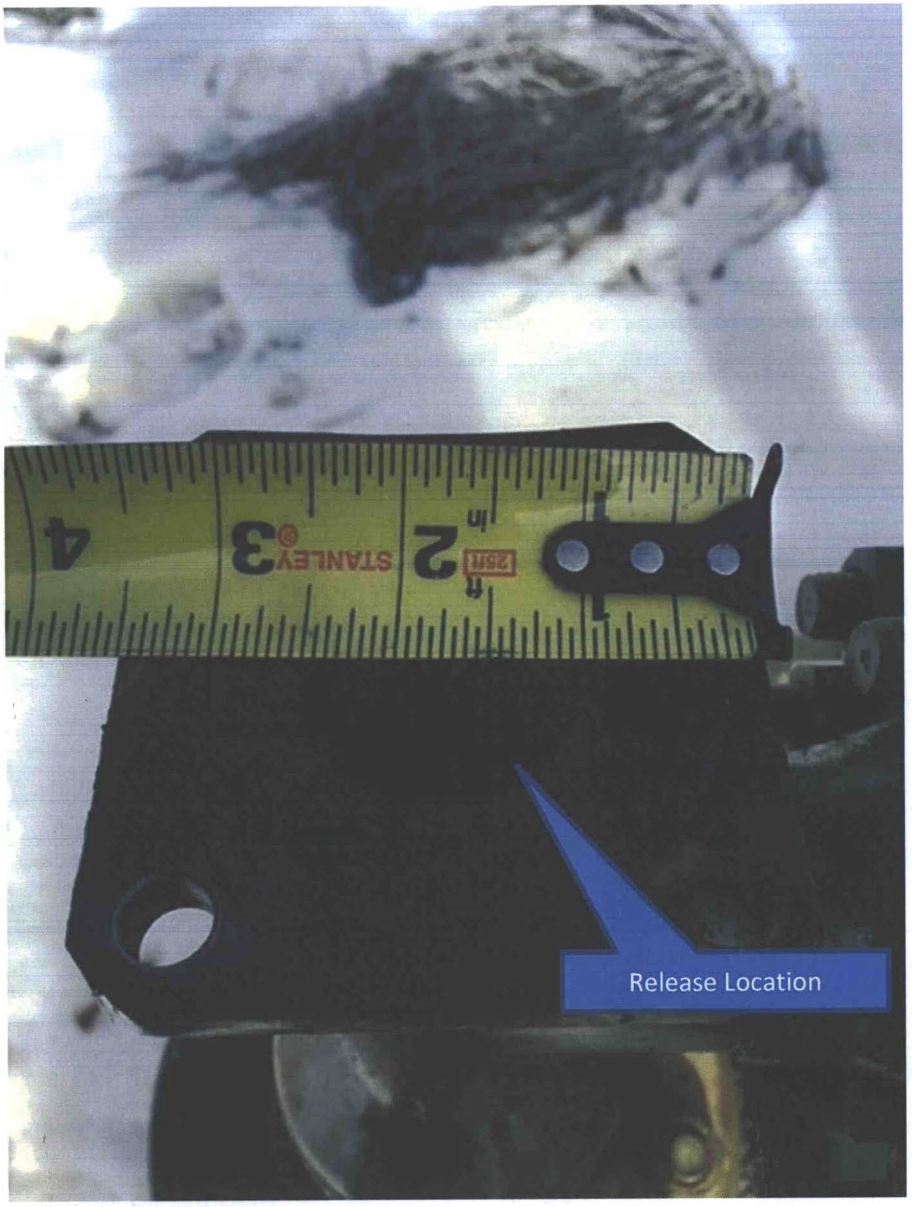
1755 Arroyo Drive
Bloomfield, NM 87413
(505) 632-4600
www.harvestmidstream.com

**Harvest Midstream – Ute Indian A34 – Pipeline Leak**
**Release Date: 1/9/2019**
**Incident Number: NCS1903142130**

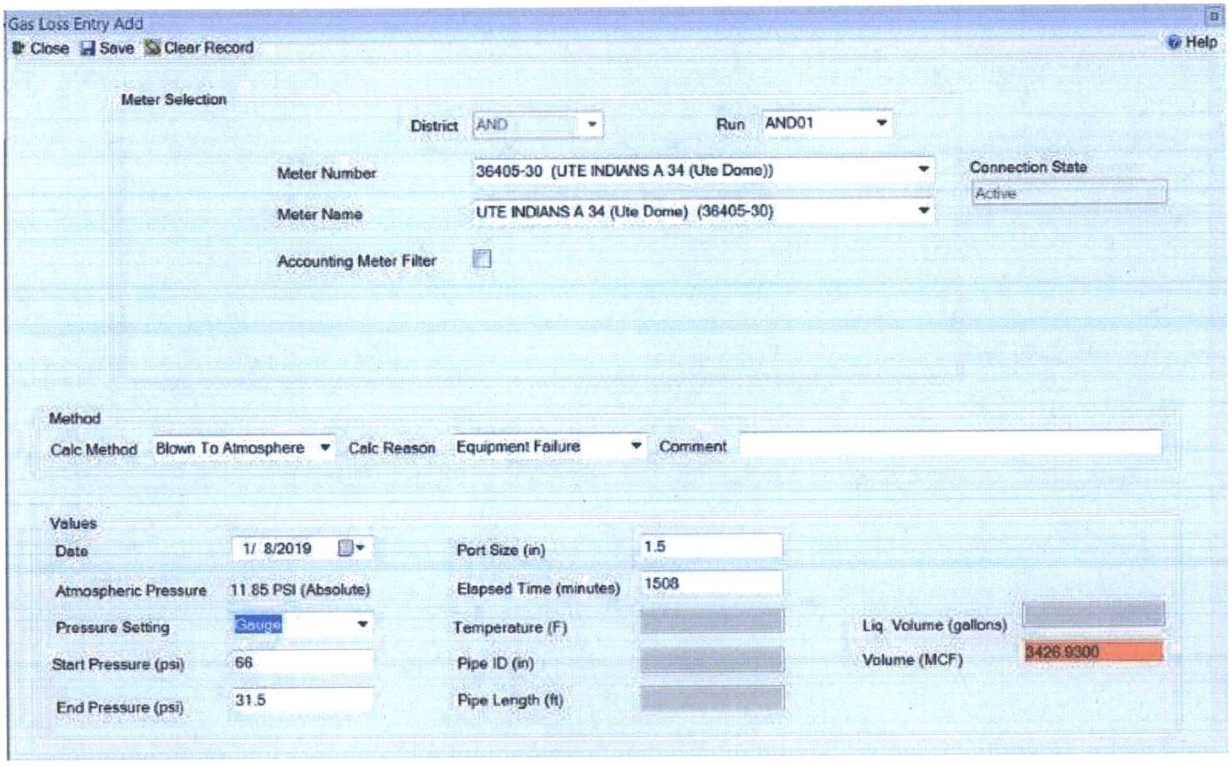
**Photographs**



Harvest Four Corners, LLC
1755 Arroyo Drive
Bloomfield, NM 87413
(505) 632-4600
www.harvestmidstream.com

**Harvest Midstream – Ute Indian A34 – Pipeline Leak**
**Release Date: 1/9/2019**
**Incident Number: NCS1903142130**

**Gas Loss Estimation**



Harvest Four Corners, LLC
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(505) 632-4600
www.harvestmidstream.com

**Harvest Midstream – Ute Indian A34 – Pipeline Leak**
**Release Date: 1/9/2019**
**Incident Number: NCS1903142130**

## Laboratory Analysis Results

**No soil impacts, release was gas loss and produced water mist on top of snow only. No visible contamination beneath snow.**

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 Department

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

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

| | |
|---|---|
| Incident ID | NVF1903832832 |
| District RP | 1014 |
| Facility ID | |
| Application ID | |

# DENIED

# Release Notification

## Responsible Party

| | | | |
|---|---|---|---|
| Responsible Party | Harvest Midstream | OGRID | |
| Contact Name | Kijun Hong | Contact Telephone | (505) 632-4475 |
| Contact email | khong@harvestmidstream.com | Incident # *(assigned by OCD)* | NVF1902432312 |
| Contact mailing address | 1755 Arroyo Dr., Farmington, NM 87413 | | |

## Location of Release Source

Latitude 36.97443 Longitude -108.10724
*(NAD 83 in decimal degrees to 5 decimal places)*

| | |
|---|---|
| Site Name Culpepper Martin SRC 1B | Site Type Meter Run |
| Date Release Discovered 1/10/2019 | API# *(if applicable)* |

| Unit Letter | Section | Township | Range | County |
|---|---|---|---|---|
| E | 21 | 32N | 12W | San Juan |

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☐ Private (*Name:* _____)

## Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

| | | |
|---|---|---|
| ☐ Crude Oil | Volume Released (bbls) | Volume Recovered (bbls) |
| ☒ Produced Water | Volume Released (bbls) 0.48 | Volume Recovered (bbls) 0.48 |
| | Is the concentration of dissolved chloride in the produced water >10,000 mg/l? | ☐ Yes ☒ No |
| ☐ Condensate | Volume Released (bbls) | Volume Recovered (bbls) |
| ☐ Natural Gas | Volume Released (Mcf) 105.5 | Volume Recovered (Mcf) 0 |
| ☐ Other (describe) | Volume/Weight Released (provide units) | Volume/Weight Recovered (provide units) |

Cause of Release

Check valve on the meter run failed due to freeze

NMOCD
APR 15 2019
DISTRICT III

27

State of New Mexico
Oil Conservation Division

| | |
|---|---|
| Incident ID | NVF1903832832 |
| District RP | |
| Facility ID | |
| Application ID | |

| | |
|---|---|
| Was this a major release as defined by 19.15.29.7(A) NMAC?<br><br>☐ Yes ☒ No | If YES, for what reason(s) does the responsible party consider this a major release? |
| If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? | |

## Initial Response

*The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury*

☒ The source of the release has been stopped.
☒ The impacted area has been secured to protect human health and the environment.
☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
☒ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

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

Printed Name: Kijun Hong Title: Environmental Specialist

Signature: Date: 1/28/2019

email: khong@harvestmidstream.com Telephone: 505-436-8457

**OCD Only**

Received by: Date:

State of New Mexico
Oil Conservation Division

| | |
|---|---|
| Incident ID | NVF1903832832 |
| District RP | |
| Facility ID | |
| Application ID | |

# Site Assessment/Characterization

*This information must be provided to the appropriate district office no later than 90 days after the release discovery date.*

| | |
|---|---|
| What is the shallowest depth to groundwater beneath the area affected by the release? | <50 (ft bgs) |
| Did this release impact groundwater or surface water? | ☐ Yes ☒ No |
| Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse? | ☒ Yes ☐ No |
| Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)? | ☐ Yes ☒ No |
| Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church? | ☐ Yes ☒ No |
| Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes? | ☐ Yes ☒ No |
| Are the lateral extents of the release within 1000 feet of any other fresh water well or spring? | ☐ Yes ☒ No |
| Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field? | ☐ Yes ☒ No |
| Are the lateral extents of the release within 300 feet of a wetland? | ☐ Yes ☒ No |
| Are the lateral extents of the release overlying a subsurface mine? | ☐ Yes ☒ No |
| Are the lateral extents of the release overlying an unstable area such as karst geology? | ☐ Yes ☒ No |
| Are the lateral extents of the release within a 100-year floodplain? | ☐ Yes ☒ No |
| Did the release impact areas **not** on an exploration, development, production, or storage site? | ☐ Yes ☒ No |

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

**Characterization Report Checklist:** ***Each of the following items must be included in the report.***

☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
☒ Field data
☒ Data table of soil contaminant concentration data
☒ Depth to water determination
☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
☒ Boring or excavation logs
☒ Photographs including date and GIS information
☒ Topographic/Aerial maps
☒ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

State of New Mexico
Oil Conservation Division

| | |
|---|---|
| Incident ID | NVF1903832832 |
| District RP | |
| Facility ID | |
| Application ID | |

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

Printed Name: **Kijun Hong** Title: **Environmental Specialist**

Signature: Date: 4/12/2019

email: **khong@harvestmidstream.com** Telephone: **505-436-8457**

**OCD Only**

Received by: Date:

State of New Mexico
Oil Conservation Division

| | |
|---|---|
| Incident ID | NVF1903832832 |
| District RP | |
| Facility ID | |
| Application ID | |

# Remediation Plan

**Remediation Plan Checklist:** ***Each of the following items must be included in the plan.***

- ☐ Detailed description of proposed remediation technique
- ☐ Scaled sitemap with GPS coordinates showing delineation points
- ☐ Estimated volume of material to be remediated
- ☐ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☐ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

**Deferral Requests Only:** ***Each of the following items must be confirmed as part of any request for deferral of remediation.***

☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.

☐ Extents of contamination must be fully delineated.

☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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

Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

**OCD Only**

Received by: _____ Date: _____

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____ Date: _____

State of New Mexico
Oil Conservation Division

| | |
|---|---|
| Incident ID | NVF1903832832 |
| District RP | |
| Facility ID | |
| Application ID | |

# Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

**Closure Report Attachment Checklist:** ***Each of the following items must be included in the closure report.***

☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC

☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

☒ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD 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 OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD 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. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Kijun Hong Title: Environmental Specialist

Signature: Date: 4/12/2019

email: khong@harvestmidstream.com Telephone: 505-632-4475

**OCD Only**

Received by: OCD Date: 4/15/19

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance wi[illegible]gulations.

Closure Approved by: **DENIED** * Emailed Date:

NO PTW INFO
NO Sampling Confirmation
No photo's.

Printed Name: BY: Cory Smith
DATE: 5/30/19 (505) 334-6178 Ext. 115

Title:

## Executive Summary

Harvest Four Corners, LLC (Harvest) presents the following report summarizing remediation and soil sampling activities at the Culpepper Martin SRC 1-B (Site) located in Unit E, Section 21, Township 32 North, Range 12 West, in San Juan County, New Mexico (Attachment 1). On January 10, 2019, Harvest identified a release caused by a frozen valve on the meter run. Approximately 105.5 thousand cubic feet (MCF) of natural gas and 0.48 barrels (bbl) of produced water were released. A vacuum truck recovered approximately 0.48 bbls. Harvest submitted a Release Notification and Corrective Action Form C-141 to the New Mexico Oil Conservation Division (NMOCD) on January 28, 2019. The NMOCD assigned the release incident number NVF1903832832.

Depth to groundwater at the Site is estimated to be less than 50 feet below ground surface (bgs) based on the nearest water well data. The nearest permitted water well is SJ 02163, located approximately 0.79 miles east of the Site and approximately 108 feet higher in elevation than the Site. The water well has a depth to groundwater of 15 feet below ground surface (bgs) and a total depth of 31 feet bgs. The closest continuously flowing water or significant watercourse to the Site is an unnamed wash approximately 235 feet to the south. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine or karst geology. Based on these criteria, the following NMOCD Table 1 closure criteria apply: 10 milligrams per kilogram (mg/kg) benzene; 50 mg/kg total benzene, toluene, ethylbenzene, and total xylenes (BTEX); 100 mg/kg total petroleum hydrocarbons (TPH); and 600 mg/kg chloride.

On January 30, 2019, Harvest excavated impacted soil and collected one composite soil sample from the sidewalls and three composite soil samples from the floor of the excavation. The excavation was approximately 32 feet long by 35 feet wide with an average depth of 18 inches bgs, and a depth of 2.5 feet bgs in the southwest corner (South Area #2). Approximately 83 cubic yards of impacted soil were excavated from the Site and disposed of at an approved facility. A map of the excavation footprint and soil sample locations is included as Attachment 2.

The soil samples were shipped following chain-of-custody procedures to Hall Environmental Analysis Laboratory in Albuquerque, New Mexico for analysis of BTEX by United States Environmental Protection Agency (USEPA) Method 8021B, TPH-gasoline range organics (GRO), TPH-diesel range organics (DRO), and TPH- motor oil range organics (MRO) by USEPA Method 8015M/D, and chloride by USEPA Method 300.0.

Laboratory analytical results indicated that concentrations of benzene, BTEX, TPH, and chloride were compliant with the NMOCD Table 1 closure criteria in all confirmation soil samples collected. A table with laboratory analytical data is included as Attachment 3 and copies of the laboratory analytical results are included as Attachment 4. Harvest requests no further action for incident number NVF1903832832. An updated NMOCD Form C-141 is included as a cover to this report.

Attachments:

| | |
|---|---|
| Attachment 1 | Site Location Map |
| Attachment 2 | Site Map |
| Attachment 3 | Soil Analytical Results |
| Attachment 4 | Laboratory Analytical Reports |

ATTACHMENT 1

SITE LOCATION MAP

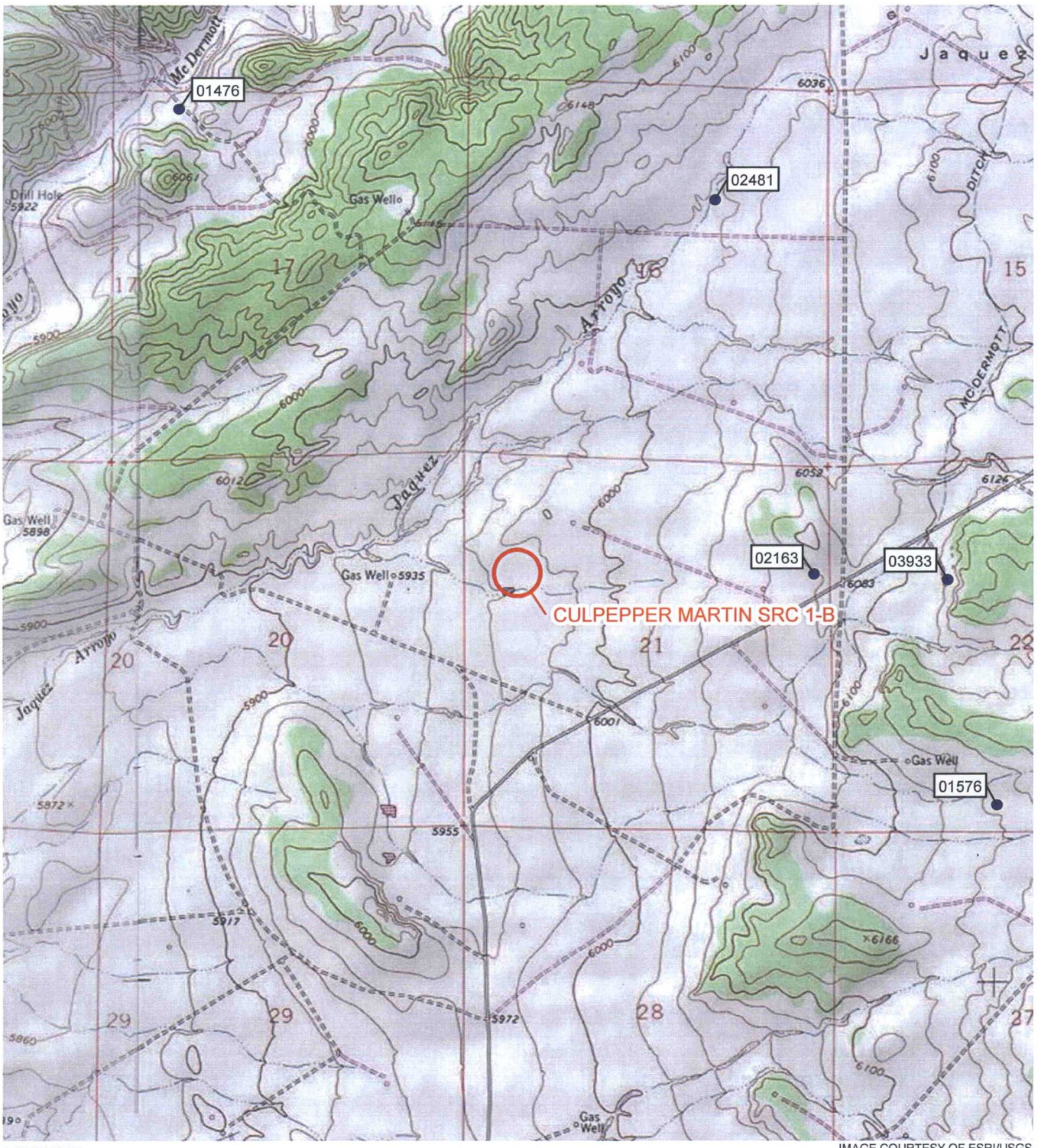


IMAGE COURTESY OF ESRI/USGS

**LEGEND**

- SITE LOCATION
- WATER WELL

0 2,000 4,000

Feet

N


FIGURE 1
SITE LOCATION MAP
CULPEPPER MARTIN SRC 1-B
SWNW SEC 21 T32N R12W
SAN JUAN COUNTY, NEW MEXICO
**HARVEST FOUR CORNERS, LLC**

P:\Harvest Four Corners\GIS\MXD\090319030_CULPEPPER\090319030_FIG01_SL.mxd

ATTACHMENT 2

SITE MAP

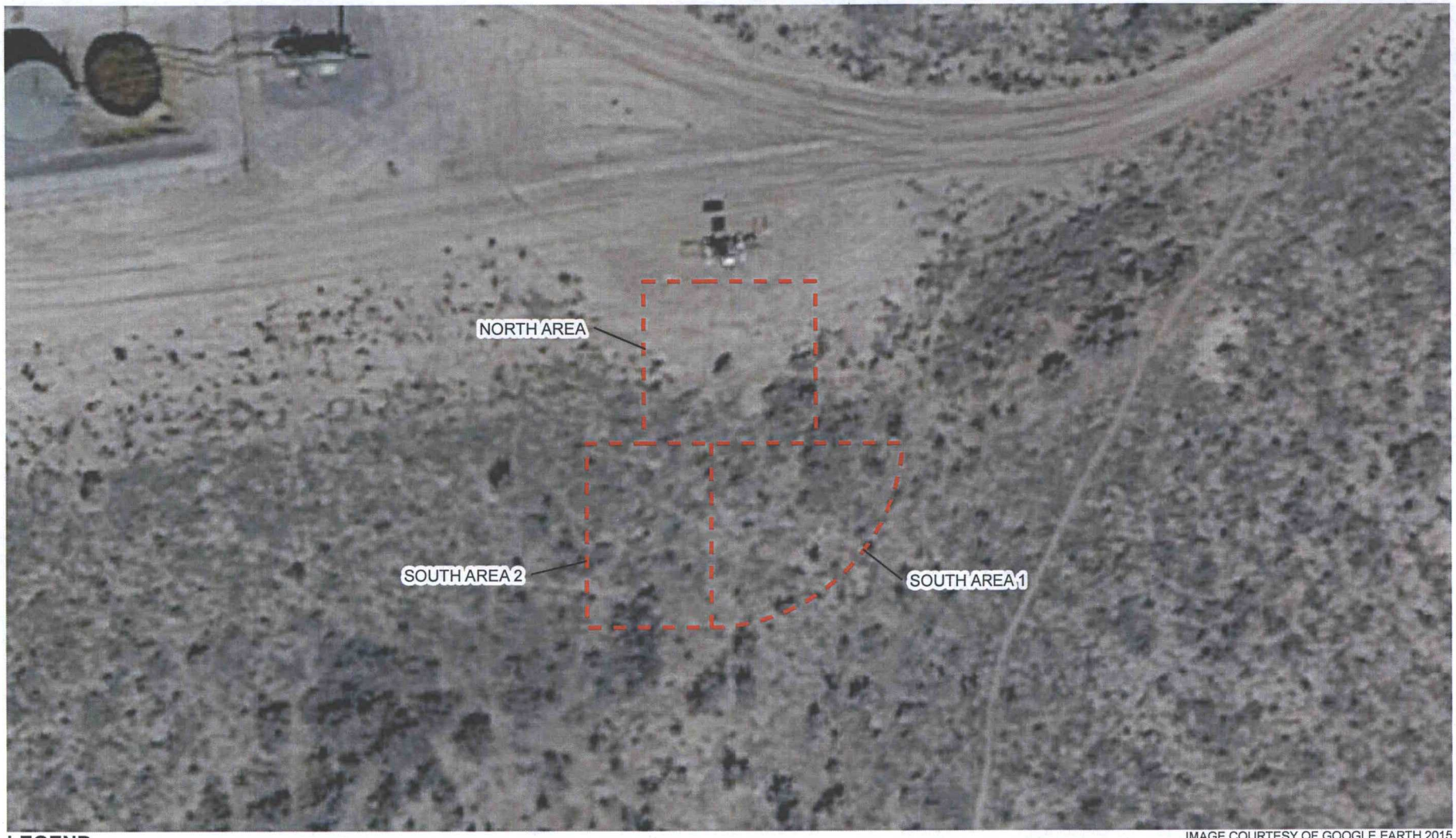


IMAGE COURTESY OF GOOGLE EARTH 2015

**LEGEND**

EXCAVATION EXTENT

0 30 60

Feet

N

FIGURE 2
SITE MAP
CULPEPPER MARTIN SRC 1-B
SWNW SEC 21 T32N R12W
SAN JUAN COUNTY, NEW MEXICO
**HARVEST FOUR CORNERS, LLC**

P:\Harvest Four Corners\GIS\MXD\090319030_CULPEPPER\090319030_FIG02_SITE_2019.mxd

ATTACHMENT 3

SOIL ANALYTICAL RESULTS

**TABLE 1**

**SOIL ANALYTICAL RESULTS**
**CULPEPPER MARTIN SRC 1-B**
**INCIDENT NUMBER NVF1903832832**
**SAN JUAN COUNTY, NEW MEXICO**
**HARVEST FOUR CORNERS, LLC**

| Sample Name | Sample Date | Benzene (mg/kg) | Toluene (mg/kg) | Ethylbenzene (mg/kg) | Total Xylenes (mg/kg) | Total BTEX (mg/kg) | Gasoline Range Organics (mg/kg) | Diesel Range Organics (mg/kg) | Motor Oil Range Organics (mg/kg) | TPH (mg/kg) | Chloride (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| CM 1B North Area Floor | 1/30/2019 | <0.024 | <0.048 | <0.048 | <0.097 | <0.097 | <4.8 | <9.8 | <49 | <49 | <60 |
| CM 1B South Area #1 Floor | 1/30/2019 | <0.023 | <0.046 | <0.046 | <0.093 | <0.093 | <4.6 | <10 | <50 | <50 | <60 |
| CM 1B South Area #2 Floor | 1/30/2019 | <0.023 | <0.046 | <0.046 | <0.092 | <0.092 | <4.6 | <9.5 | <47 | <47 | <60 |
| CM 1B South Area #2 Sidewall | 1/30/2019 | <0.023 | <0.046 | <0.046 | <0.092 | <0.092 | <4.6 | <9.5 | <47 | <47 | <60 |
| Culpepper Martin 1B Background | 1/30/2019 | <0.025 | <0.049 | <0.049 | <0.099 | <0.099 | <4.9 | <9.7 | <49 | <49 | <60 |
| NMOCD Table 1 Closure Criteria | | 10 | NE | NE | NE | 50 | NE | NE | NE | 100 | 600 |

**Notes:**
BTEX - benzene, toluene, ethylbenzene, and total xylenes
mg/kg - milligrams per kilogram
NE - Not established
NMOCD - New Mexico Oil Conservation Division
TPH - total petroleum hydrocarbons
< - indicates result is below the laboratory reporting limit

ATTACHMENT 4

LABORATORY ANALYTICAL REPORTS

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

February 05, 2019

Kijun Hong
Harvest
1755 Arroyo Dr.
Bloomfield, NM 87413
TEL: (505) 632-4475
FAX

RE: Culpepper Martin SRC1 B OrderNo.: 1901B52

Dear Kijun Hong:

Hall Environmental Analysis Laboratory received 5 sample(s) on 1/31/2019 for the analyses presented in the following report.

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

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

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

**Analytical Report**
Lab Order **1901B52**
Date Reported: **2/5/2019**

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Harvest
**Project:** Culpepper Martin SRC1 B
**Lab ID:** 1901B52-001 **Matrix:** SOIL

**Client Sample ID:** CM 1B North Area Floor
**Collection Date:** 1/30/2019 11:25:00 AM
**Received Date:** 1/31/2019 8:25:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 300.0: ANIONS** | | | | | | Analyst: **MRA** | |
| Chloride | ND | 60 | | mg/Kg | 20 | 2/4/2019 1:27:27 PM | 42945 |
| **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** | | | | | | Analyst: **lrm** | |
| Diesel Range Organics (DRO) | ND | 9.8 | | mg/Kg | 1 | 2/1/2019 2:00:47 PM | 42920 |
| Motor Oil Range Organics (MRO) | ND | 49 | | mg/Kg | 1 | 2/1/2019 2:00:47 PM | 42920 |
| Surr: DNOP | 116 | 50.6-138 | | %Rec | 1 | 2/1/2019 2:00:47 PM | 42920 |
| **EPA METHOD 8015D: GASOLINE RANGE** | | | | | | Analyst: **NSB** | |
| Gasoline Range Organics (GRO) | ND | 4.8 | | mg/Kg | 1 | 2/1/2019 2:45:26 PM | 42912 |
| Surr: BFB | 96.8 | 73.8-119 | | %Rec | 1 | 2/1/2019 2:45:26 PM | 42912 |
| **EPA METHOD 8021B: VOLATILES** | | | | | | Analyst: **NSB** | |
| Benzene | ND | 0.024 | | mg/Kg | 1 | 2/1/2019 2:45:26 PM | 42912 |
| Toluene | ND | 0.048 | | mg/Kg | 1 | 2/1/2019 2:45:26 PM | 42912 |
| Ethylbenzene | ND | 0.048 | | mg/Kg | 1 | 2/1/2019 2:45:26 PM | 42912 |
| Xylenes, Total | ND | 0.097 | | mg/Kg | 1 | 2/1/2019 2:45:26 PM | 42912 |
| Surr: 4-Bromofluorobenzene | 93.5 | 80-120 | | %Rec | 1 | 2/1/2019 2:45:26 PM | 42912 |

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

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Harvest
**Project:** Culpepper Martin SRC1 B
**Lab ID:** 1901B52-002 **Matrix:** SOIL

**Client Sample ID:** CM 1B South Area #1 Floor
**Collection Date:** 1/30/2019 11:30:00 AM
**Received Date:** 1/31/2019 8:25:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 300.0: ANIONS** | | | | | | Analyst: **MRA** | |
| Chloride | ND | 60 | | mg/Kg | 20 | 2/4/2019 2:04:41 PM | 42945 |
| **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** | | | | | | Analyst: **lrm** | |
| Diesel Range Organics (DRO) | ND | 10 | | mg/Kg | 1 | 2/1/2019 2:25:03 PM | 42920 |
| Motor Oil Range Organics (MRO) | ND | 50 | | mg/Kg | 1 | 2/1/2019 2:25:03 PM | 42920 |
| Surr: DNOP | 99.8 | 50.6-138 | | %Rec | 1 | 2/1/2019 2:25:03 PM | 42920 |
| **EPA METHOD 8015D: GASOLINE RANGE** | | | | | | Analyst: **NSB** | |
| Gasoline Range Organics (GRO) | ND | 4.6 | | mg/Kg | 1 | 2/1/2019 3:09:14 PM | 42912 |
| Surr: BFB | 102 | 73.8-119 | | %Rec | 1 | 2/1/2019 3:09:14 PM | 42912 |
| **EPA METHOD 8021B: VOLATILES** | | | | | | Analyst: **NSB** | |
| Benzene | ND | 0.023 | | mg/Kg | 1 | 2/1/2019 3:09:14 PM | 42912 |
| Toluene | ND | 0.046 | | mg/Kg | 1 | 2/1/2019 3:09:14 PM | 42912 |
| Ethylbenzene | ND | 0.046 | | mg/Kg | 1 | 2/1/2019 3:09:14 PM | 42912 |
| Xylenes, Total | ND | 0.093 | | mg/Kg | 1 | 2/1/2019 3:09:14 PM | 42912 |
| Surr: 4-Bromofluorobenzene | 97.9 | 80-120 | | %Rec | 1 | 2/1/2019 3:09:14 PM | 42912 |

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

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Harvest
**Project:** Culpepper Martin SRC1 B
**Lab ID:** 1901B52-003 **Matrix:** SOIL

**Client Sample ID:** CM 1B South Area #2 Floor
**Collection Date:** 1/30/2019 11:40:00 AM
**Received Date:** 1/31/2019 8:25:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 300.0: ANIONS** | | | | | | Analyst: **MRA** | |
| Chloride | ND | 60 | | mg/Kg | 20 | 2/4/2019 2:17:05 PM | 42945 |
| **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** | | | | | | Analyst: **lrm** | |
| Diesel Range Organics (DRO) | ND | 9.5 | | mg/Kg | 1 | 2/1/2019 2:49:27 PM | 42920 |
| Motor Oil Range Organics (MRO) | ND | 47 | | mg/Kg | 1 | 2/1/2019 2:49:27 PM | 42920 |
| Surr: DNOP | 124 | 50.6-138 | | %Rec | 1 | 2/1/2019 2:49:27 PM | 42920 |
| **EPA METHOD 8015D: GASOLINE RANGE** | | | | | | Analyst: **NSB** | |
| Gasoline Range Organics (GRO) | ND | 4.6 | | mg/Kg | 1 | 2/1/2019 3:32:55 PM | 42912 |
| Surr: BFB | 96.5 | 73.8-119 | | %Rec | 1 | 2/1/2019 3:32:55 PM | 42912 |
| **EPA METHOD 8021B: VOLATILES** | | | | | | Analyst: **NSB** | |
| Benzene | ND | 0.023 | | mg/Kg | 1 | 2/1/2019 3:32:55 PM | 42912 |
| Toluene | ND | 0.046 | | mg/Kg | 1 | 2/1/2019 3:32:55 PM | 42912 |
| Ethylbenzene | ND | 0.046 | | mg/Kg | 1 | 2/1/2019 3:32:55 PM | 42912 |
| Xylenes, Total | ND | 0.092 | | mg/Kg | 1 | 2/1/2019 3:32:55 PM | 42912 |
| Surr: 4-Bromofluorobenzene | 94.2 | 80-120 | | %Rec | 1 | 2/1/2019 3:32:55 PM | 42912 |

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

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Harvest
**Project:** Culpepper Martin SRC1 B
**Lab ID:** 1901B52-004 **Matrix:** SOIL

**Client Sample ID:** CM 1B South Area #2 Sidewall
**Collection Date:** 1/30/2019 11:50:00 AM
**Received Date:** 1/31/2019 8:25:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 300.0: ANIONS** | | | | | | Analyst: **MRA** | |
| Chloride | ND | 60 | | mg/Kg | 20 | 2/4/2019 2:29:30 PM | 42945 |
| **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** | | | | | | Analyst: **lrm** | |
| Diesel Range Organics (DRO) | ND | 9.5 | | mg/Kg | 1 | 2/1/2019 3:13:46 PM | 42920 |
| Motor Oil Range Organics (MRO) | ND | 47 | | mg/Kg | 1 | 2/1/2019 3:13:46 PM | 42920 |
| Surr: DNOP | 121 | 50.6-138 | | %Rec | 1 | 2/1/2019 3:13:46 PM | 42920 |
| **EPA METHOD 8015D: GASOLINE RANGE** | | | | | | Analyst: **NSB** | |
| Gasoline Range Organics (GRO) | ND | 4.6 | | mg/Kg | 1 | 2/1/2019 3:56:35 PM | 42912 |
| Surr: BFB | 97.5 | 73.8-119 | | %Rec | 1 | 2/1/2019 3:56:35 PM | 42912 |
| **EPA METHOD 8021B: VOLATILES** | | | | | | Analyst: **NSB** | |
| Benzene | ND | 0.023 | | mg/Kg | 1 | 2/1/2019 3:56:35 PM | 42912 |
| Toluene | ND | 0.046 | | mg/Kg | 1 | 2/1/2019 3:56:35 PM | 42912 |
| Ethylbenzene | ND | 0.046 | | mg/Kg | 1 | 2/1/2019 3:56:35 PM | 42912 |
| Xylenes, Total | ND | 0.092 | | mg/Kg | 1 | 2/1/2019 3:56:35 PM | 42912 |
| Surr: 4-Bromofluorobenzene | 95.7 | 80-120 | | %Rec | 1 | 2/1/2019 3:56:35 PM | 42912 |

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

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Harvest
**Project:** Culpepper Martin SRC1 B
**Lab ID:** 1901B52-005 **Matrix:** SOIL

**Client Sample ID:** Culpepper Martin 1B Backgroun
**Collection Date:** 1/30/2019 12:46:00 PM
**Received Date:** 1/31/2019 8:25:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|---|---|---|---|---|---|---|---|
| **EPA METHOD 300.0: ANIONS** | | | | | | Analyst: **MRA** | |
| Chloride | ND | 60 | | mg/Kg | 20 | 2/4/2019 2:41:54 PM | 42945 |
| **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** | | | | | | Analyst: **lrm** | |
| Diesel Range Organics (DRO) | ND | 9.7 | | mg/Kg | 1 | 2/1/2019 3:38:11 PM | 42920 |
| Motor Oil Range Organics (MRO) | ND | 49 | | mg/Kg | 1 | 2/1/2019 3:38:11 PM | 42920 |
| Surr: DNOP | 97.9 | 50.6-138 | | %Rec | 1 | 2/1/2019 3:38:11 PM | 42920 |
| **EPA METHOD 8015D: GASOLINE RANGE** | | | | | | Analyst: **NSB** | |
| Gasoline Range Organics (GRO) | ND | 4.9 | | mg/Kg | 1 | 2/1/2019 5:54:57 PM | 42912 |
| Surr: BFB | 95.2 | 73.8-119 | | %Rec | 1 | 2/1/2019 5:54:57 PM | 42912 |
| **EPA METHOD 8021B: VOLATILES** | | | | | | Analyst: **NSB** | |
| Benzene | ND | 0.025 | | mg/Kg | 1 | 2/1/2019 5:54:57 PM | 42912 |
| Toluene | ND | 0.049 | | mg/Kg | 1 | 2/1/2019 5:54:57 PM | 42912 |
| Ethylbenzene | ND | 0.049 | | mg/Kg | 1 | 2/1/2019 5:54:57 PM | 42912 |
| Xylenes, Total | ND | 0.099 | | mg/Kg | 1 | 2/1/2019 5:54:57 PM | 42912 |
| Surr: 4-Bromofluorobenzene | 93.4 | 80-120 | | %Rec | 1 | 2/1/2019 5:54:57 PM | 42912 |

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

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: **1901B52**

*05-Feb-19*

**Client:** Harvest

**Project:** Culpepper Martin SRC1 B

| Sample ID | **MB-42945** | SampType: **mblk** | | | TestCode: **EPA Method 300.0: Anions** | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | **PBS** | Batch ID: **42945** | | | RunNo: **57445** | | | | | |
| Prep Date: | **2/4/2019** | Analysis Date: **2/4/2019** | | | SeqNo: **1922413** | | Units: **mg/Kg** | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | ND | 1.5 | | | | | | | | |

| Sample ID | **LCS-42945** | SampType: **lcs** | | | TestCode: **EPA Method 300.0: Anions** | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Client ID: | **LCSS** | Batch ID: **42945** | | | RunNo: **57445** | | | | | |
| Prep Date: | **2/4/2019** | Analysis Date: **2/4/2019** | | | SeqNo: **1922414** | | Units: **mg/Kg** | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | 14 | 1.5 | 15.00 | 0 | 94.3 | 90 | 110 | | | |

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: **1901B52**

*05-Feb-19*

**Client:** Harvest

**Project:** Culpepper Martin SRC1 B

| Sample ID **LCS-42920** | SampType: **LCS** | TestCode: **EPA Method 8015M/D: Diesel Range Organics** |
|---|---|---|
| Client ID: **LCSS** | Batch ID: **42920** | RunNo: **57413** |
| Prep Date: **1/31/2019** | Analysis Date: **2/1/2019** | SeqNo: **1921491** Units: **mg/Kg** |

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics (DRO) | 60 | 10 | 50.00 | 0 | 120 | 63.9 | 124 | | | |
| Surr: DNOP | 5.4 | | 5.000 | | 107 | 50.6 | 138 | | | |

| Sample ID **MB-42920** | SampType: **MBLK** | TestCode: **EPA Method 8015M/D: Diesel Range Organics** |
|---|---|---|
| Client ID: **PBS** | Batch ID: **42920** | RunNo: **57413** |
| Prep Date: **1/31/2019** | Analysis Date: **2/1/2019** | SeqNo: **1921492** Units: **mg/Kg** |

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics (DRO) | ND | 10 | | | | | | | | |
| Motor Oil Range Organics (MRO) | ND | 50 | | | | | | | | |
| Surr: DNOP | 12 | | 10.00 | | 121 | 50.6 | 138 | | | |

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: **1901B52**

***05-Feb-19***

**Client:** Harvest

**Project:** Culpepper Martin SRC1 B

| Sample ID **MB-42912** | SampType: **MBLK** | TestCode: **EPA Method 8015D: Gasoline Range** |
|---|---|---|
| Client ID: **PBS** | Batch ID: **42912** | RunNo: **57419** |
| Prep Date: **1/31/2019** | Analysis Date: **2/1/2019** | SeqNo: **1921196** Units: **mg/Kg** |

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO) | ND | 5.0 | | | | | | | | |
| Surr: BFB | 960 | | 1000 | | 95.7 | 73.8 | 119 | | | |

| Sample ID **LCS-42912** | SampType: **LCS** | TestCode: **EPA Method 8015D: Gasoline Range** |
|---|---|---|
| Client ID: **LCSS** | Batch ID: **42912** | RunNo: **57419** |
| Prep Date: **1/31/2019** | Analysis Date: **2/1/2019** | SeqNo: **1921197** Units: **mg/Kg** |

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Gasoline Range Organics (GRO) | 27 | 5.0 | 25.00 | 0 | 110 | 80.1 | 123 | | | |
| Surr: BFB | 1100 | | 1000 | | 114 | 73.8 | 119 | | | |

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
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| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: **1901B52**

***05-Feb-19***

**Client:** Harvest

**Project:** Culpepper Martin SRC1 B

| Sample ID **MB-42912** | SampType: **MBLK** | TestCode: **EPA Method 8021B: Volatiles** |
|---|---|---|
| Client ID: **PBS** | Batch ID: **42912** | RunNo: **57419** |
| Prep Date: **1/31/2019** | Analysis Date: **2/1/2019** | SeqNo: **1921221** Units: **mg/Kg** |

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | 0.025 | | | | | | | | |
| Toluene | ND | 0.050 | | | | | | | | |
| Ethylbenzene | ND | 0.050 | | | | | | | | |
| Xylenes, Total | ND | 0.10 | | | | | | | | |
| Surr: 4-Bromofluorobenzene | 0.94 | | 1.000 | | 93.9 | 80 | 120 | | | |

| Sample ID **LCS-42912** | SampType: **LCS** | TestCode: **EPA Method 8021B: Volatiles** |
|---|---|---|
| Client ID: **LCSS** | Batch ID: **42912** | RunNo: **57419** |
| Prep Date: **1/31/2019** | Analysis Date: **2/1/2019** | SeqNo: **1921222** Units: **mg/Kg** |

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | 0.92 | 0.025 | 1.000 | 0 | 91.6 | 80 | 120 | | | |
| Toluene | 0.95 | 0.050 | 1.000 | 0 | 95.1 | 80 | 120 | | | |
| Ethylbenzene | 0.96 | 0.050 | 1.000 | 0 | 96.3 | 80 | 120 | | | |
| Xylenes, Total | 2.9 | 0.10 | 3.000 | 0 | 97.5 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 1.0 | | 1.000 | | 100 | 80 | 120 | | | |

**Qualifiers:**

| | | | |
|---|---|---|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quanitative Limit | RL | Reporting Detection Limit |
| S | % Recovery outside of range due to dilution or matrix | W | Sample container temperature is out of limit as specified |

HALL ENVIRONMENTAL ANALYSIS LABORATORY

*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: **Harvest** Work Order Number: **1901B52** RcptNo: **1**

Received By: **Desiree Dominguez** **1/31/2019 8:25:00 AM** DD

Completed By: **Desiree Dominguez** **1/31/2019 8:49:22 AM** DD

Reviewed By: DAD 1/31/19

LABELED By: JO 1/31/19

## Chain of Custody

| | | | |
|---|---|---|---|
| 1. Is Chain of Custody complete? | Yes ☑ | No ☐ | Not Present ☐ |
| 2. How was the sample delivered? | Courier | | |

## Log In

| | | | |
|---|---|---|---|
| 3. Was an attempt made to cool the samples? | Yes ☑ | No ☐ | NA ☐ |
| 4. Were all samples received at a temperature of >0° C to 6.0°C | Yes ☑ | No ☐ | NA ☐ |
| 5. Sample(s) in proper container(s)? | Yes ☑ | No ☐ | |
| 6. Sufficient sample volume for indicated test(s)? | Yes ☑ | No ☐ | |
| 7. Are samples (except VOA and ONG) properly preserved? | Yes ☑ | No ☐ | |
| 8. Was preservative added to bottles? | Yes ☐ | No ☑ | NA ☐ |
| 9. VOA vials have zero headspace? | Yes ☐ | No ☐ | No VOA Vials ☑ |
| 10. Were any sample containers received broken? | Yes ☐ | No ☑ | |
| 11. Does paperwork match bottle labels? (Note discrepancies on chain of custody) | Yes ☑ | No ☐ | |
| 12. Are matrices correctly identified on Chain of Custody? | Yes ☑ | No ☐ | |
| 13. Is it clear what analyses were requested? | Yes ☑ | No ☐ | |
| 14. Were all holding times able to be met? (If no, notify customer for authorization.) | Yes ☑ | No ☐ | |

JO 1/31/19

# of preserved bottles checked for pH: _____ (≤2 or >12 unless noted)

Adjusted? _____

Checked by: _____

## Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. **Cooler Information**

| Cooler No | Temp °C | Condition | Seal Intact | Seal No | Seal Date | Signed By |
|---|---|---|---|---|---|---|
| 1 | 2.1 | Good | Yes | | | |

# Chain-of-Custody Record

Client: Harvest Mid Stream

Mailing Address: 1755 ARROYO DR
Bloomfield NM 87413

Phone #: 505-632-4475

email or Fax#: Khong@harvestmidstream.com

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation
☐ NELAP ☐ Other _____
☐ EDD (Type) _____

Turn-Around Time:
☑ Standard ☐ Rush _____

Project Name: Culpepper Martin SRC 1B

Project #:

Project Manager: Kijun Hong

Sampler: Morgan Killion

On Ice: ☒ Yes ☐ No

Sample Temperature: 2.1°c


HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107


| Date | Time | Matrix | Sample Request ID | Container Type and # | Preservative Type | HEAL No. 1901352 | BTEX + ~~MTBE~~ + ~~TMB's~~ (8021) | BTEX + MTBE + TPH (Gas only) | TPH 8015B (GRO / DRO / MRO) | TPH (Method 418.1) | EDB (Method 504.1) | PAH's (8310 or 8270 SIMS) | RCRA 8 Metals | Anions ($F,Cl,NO_3,NO_2,PO_4,SO_4$) | 8081 Pesticides / 8082 PCB's | 8260B (VOA) | 8270 (Semi-VOA) | Chloride | | Hold (see remarks) | | Air Bubbles (Y or N) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4/30/19 | 1125 | soil | CMIB North Area Floor | 1-402 | Cool | -001 | X | | X | | | | | | | | | X | | | | |
| 4/30/19 | 1130 | soil | CMIB South Area #1 Floor | 1-402 | | -002 | X | | X | | | | | | | | | X | | | | |
| 4/30/19 | 1140 | soil | CMIB South Area #2 Floor | 1-402 | | -003 | X | | X | | | | | | | | | X | | | | |
| 4/30/19 | 1150 | soil | CMIB South Area #2 5' Discard | 1-402 | | -004 | X | | X | | | | | | | | | X | | | | |
| 4/30/19 | 1246 | soil | Culpepper Martin 1B Background | 1-402 | | -005 | ~~X~~ | | | | | | | | | | | ~~X~~ | | X | | |

| Date: | Time: | Relinquished by: | Received by: | Date | Time |
|---|---|---|---|---|---|
| 4/30/19 | 1651 | Morgan Killion | [signature] | 1/30/19 | 1651 |
| 4/30/19 | 1810 | [signature] | [signature] Courier | 1/31/19 | 8:25 |

Remarks: Hold Background until results come back on other samples listed.

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

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

State of New Mexico
Energy Minerals and Natural Resources Department

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

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

| | |
|---|---|
| Incident ID | |
| District RP | 1013 |
| Facility ID | |
| Application ID | |

# Release Notification

NMOCD
JUN 14 2019
DISTRICT III

## Responsible Party

| | | | |
|---|---|---|---|
| Responsible Party | Harvest Four Corners, LLC | OGRID | 37388 |
| Contact Name | Kijun Hong | Contact Telephone | (505) 632-4475 |
| Contact email | khong@harvestmidstream.com | Incident # *(assigned by OCD)* | |
| Contact mailing address | 1755 Arroyo Dr., Farmington, NM 87413 | | |

NCS191695 6082

## Location of Release Source

Latitude 36.667039 Longitude -107.961707
*(NAD 83 in decimal degrees to 5 decimal places)*

| | |
|---|---|
| Site Name Kutz Plant | Site Type Natural Gas Processing Plant |
| Date Release Discovered 5/31/2019 | API# *(if applicable)* |

| Unit Letter | Section | Township | Range | County |
|---|---|---|---|---|
| D | 13 | 28N | 11W | San Juan |

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (*Name:* _____)

## Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

| | | |
|---|---|---|
| ☐ Crude Oil | Volume Released (bbls) | Volume Recovered (bbls) |
| ☐ Produced Water | Volume Released (bbls) | Volume Recovered (bbls) |
| | Is the concentration of dissolved chloride in the produced water >10,000 mg/l? | ☐ Yes ☐ No |
| ☐ Condensate | Volume Released (bbls) | Volume Recovered (bbls) |
| ☒ Natural Gas | Volume Released (Mcf) 140.73 | Volume Recovered (Mcf) 0 |
| ☐ Other (describe) | Volume/Weight Released (provide units) | Volume/Weight Recovered (provide units) |

Cause of Release

High water content cause El Paso to shut in their line. This cause high pressure on the Kutz II residue which triggered the PSV.

(2)

State of New Mexico
Oil Conservation Division

| | |
|---|---|
| Incident ID | |
| District RP | |
| Facility ID | |
| Application ID | |

| | |
|---|---|
| Was this a major release as defined by 19.15.29.7(A) NMAC?<br><br>☐ Yes ☒ No | If YES, for what reason(s) does the responsible party consider this a major release? |
| If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? | |

## Initial Response

*The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury*

☒ The source of the release has been stopped.

☒ The impacted area has been secured to protect human health and the environment.

☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.

☒ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

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

Printed Name: Kijun Hong Title: Environmental Specialist

Signature: Date: 6/14/2019

email: khong@harvestmidstream.com Telephone: 505-436-8457

**OCD Only**

Received by: Date: 6/18/19

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 Department

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

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

| | |
|---|---|
| Incident ID | |
| District RP | 1013 |
| Facility ID | |
| Application ID | |

# Release Notification

## Responsible Party

| | | | |
|---|---|---|---|
| Responsible Party | **Harvest Four Corners, LLC** | OGRID | **37388** |
| Contact Name | **Kijun Hong** | Contact Telephone | **(505) 632-4475** |
| Contact email | **khong@harvestmidstream.com** | Incident # *(assigned by OCD)* | |
| Contact mailing address | **1755 Arroyo Dr., Farmington, NM 87413** | nDSP1969563 73 | |

## Location of Release Source

Latitude **36.667039** Longitude **-107.961707**
*(NAD 83 in decimal degrees to 5 decimal places)*

| | |
|---|---|
| Site Name **Kutz Plant** | Site Type **Natural Gas Processing Plant** |
| Date Release Discovered **5/23/2019** | API# *(if applicable)* |

| Unit Letter | Section | Township | Range | County |
|---|---|---|---|---|
| **D** | **13** | **28N** | **11W** | **San Juan** |

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (*Name:* _____)

## Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

| | | |
|---|---|---|
| ☐ Crude Oil | Volume Released (bbls) | Volume Recovered (bbls) |
| ☐ Produced Water | Volume Released (bbls) | Volume Recovered (bbls) |
| | Is the concentration of dissolved chloride in the produced water >10,000 mg/l? | ☐ Yes ☐ No |
| ☐ Condensate | Volume Released (bbls) | Volume Recovered (bbls) |
| ☒ Natural Gas | Volume Released (Mcf) **286** | Volume Recovered (Mcf) **0** |
| ☐ Other (describe) | Volume/Weight Released (provide units) | Volume/Weight Recovered (provide units) |

Cause of Release

**High inlet pressure to Kutz II during startup.**

RECEIVED
JUN 05 2019
DISTRICT III
NMOCD

(2)

State of New Mexico
Oil Conservation Division

| | |
|---|---|
| Incident ID | |
| District RP | |
| Facility ID | |
| Application ID | |

| | |
|---|---|
| Was this a major release as defined by 19.15.29.7(A) NMAC?<br><br>☐ Yes ☒ No | If YES, for what reason(s) does the responsible party consider this a major release? |
| If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? | |

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☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.

☒ All free liquids and recoverable materials have been removed and managed appropriately.

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Printed Name: Kijun Hong  Title: Environmental Specialist

Signature:  Date: 6/5/2019

email: khong@harvestmidstream.com  Telephone: 505-436-8457

**OCD Only**

Received by:  Date: 6/7/19