

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

State of New Mexico
Energy Minerals and Natural Resources

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

Form C-141
Revised August 8, 2011

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

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

| | |
|--|---|
| Name of Company: Western Refining Pipeline Company | Contact: Kelly Robinson |
| Address: 111 County Road 4990, Bloomfield, NM, 87413 | Telephone No.: 505-632-4166 |
| Facility Name: N/A | Facility Type: 16-inch Underground Pipeline |

| | | |
|------------------------------------|---------------------|---------|
| Surface Owner: State of New Mexico | State of New Mexico | API No. |
|------------------------------------|---------------------|---------|

LOCATION OF RELEASE

| | | | | | | | | |
|---------------------|---------------|-----------------|-------------|---------------|------------------|---------------|----------------|--------------------|
| Unit Letter NWSE | Section 13 | Township 17N | Range 3W | Feet from the | North/South Line | Feet from the | East/West Line | County Sandoval |
|---------------------|---------------|-----------------|-------------|---------------|------------------|---------------|----------------|--------------------|

Latitude 35.702791 Longitude -107.104252

NATURE OF RELEASE

| | | |
|---|---|--|
| Type of Release: Test Water | Volume of Release: Estimated to be approximately 410 barrels. | Volume Recovered: None |
| Source of Release: Partially open valve on 16-inch hydro test line. | Date and Hour of Occurrence: 11/26/2013 before 10:54am (exact time unknown) | Date and Hour of Discovery: 11/26/2013 at 10:54 am from field crew |
| Was Immediate Notice Given? (see below for timeline) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required | If YES, To Whom? Bill Hoppe; OCD District 3 (Aztec Office) via e-mail | |
| By Whom? Kelly Robinson (WNR) | Date and Hour: 10:30am on 11/27/2013 | RCVD DEC 6 '13 |
| Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | If YES, Volume Impacting the Watercourse. | OIL CONS. DIV. DIST. 3 |

If a Watercourse was Impacted, Describe Fully.*
No watercourse was impacted.

Describe Cause of Problem and Remedial Action Taken.*

Over the past several months, Western Refining (Western) has been conducting hydro test activities on a 16-inch pipeline that extends from the southeastern portion of New Mexico up to the Four Corners area. On November 26, 2013 at 10:54am, Western was notified by the Hydro Test Field Crew that a release of hydro test water occurred at pipeline Mile Post 168.832 located in Sandoval County, New Mexico. Based on the volume lost in the pipe, it is estimated that a total of 410 barrels was released to ground as part of this event.

The testing water consists of potable drinking water, corrosion inhibitor (0.01% by volume), oxygen scavenger (0.02% by volume), bactericide (0.03% by volume), and a tracer dye. The purpose of the minor chemical additions to the test water is to protect the pipeline test segment from corrosion during integrity line testing activities. The tracer dye was included to ensure that any test water release would be more easily located in the field. Copies of the MSDSs have been previously provided to OCD for review. This pipeline test segment was cleared of residual oils and scale prior to conducting the hydro-testing activities for the purpose of preventing impacts to surrounding soils in the event that an unintended discharge was to occur.

The release occurred as a result of a partially open valve above ground. The released test water did run down the pipeline right-of-way and into low lying areas. The hydro test field crew did confirm that none of the released test water reached any surface water bodies. The field crew was able to quickly close the valve, and thus terminate the leak upon discovery.

Describe Area Affected and Cleanup Action Taken.*

The release location was at pipeline Mile Post 168.832. The field coordinates of this location is provided above. The release occurred above ground, and thus resulted in the test water to follow the contours of the area. It was confirmed from the test team in the field that the discharged test water did not reach any surface water bodies, and there is no indication that it has had any impacts to groundwater.

A sample of the discharged test water was collected in the field and submitted to the lab for analysis. The sample was analyzed for benzene, toluene, ethylbenzene, xylenes (BTEX), total petroleum hydrocarbons (TPH) – gasoline range organics, and TPH – diesel range organics as required under the New Mexico Oil Conservation Division *Guidelines for Remediation of Leaks, Spills, and Releases* dated August 13, 1993. The analytical results were compared to the most conservative standards outlined in the OCD *Guidelines for Remediation of Leaks, Spills, and Releases*.

Summary of 16-inch Pipeline Test Water Analysis Collected at MP 168.832

| | MP 168 Hydro Water Results ⁽¹⁾ (ppm) | OCD Screening Levels ⁽²⁾ (ppm) |
|---------------|---|--|
| Benzene | 0.10 | 10 |
| Toluene | 0.72 | --- |
| Ethylbenzene | 0.14 | --- |
| Total Xylenes | 0.43 | --- |
| Total BTEX | 1.38 | 50 |
| TPH-GRO | 2.40 | --- |
| TPH -DRO | 6.40 | --- |
| Total TPH | 8.80 | 100 |

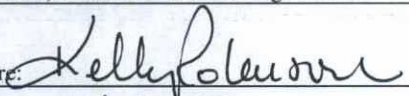
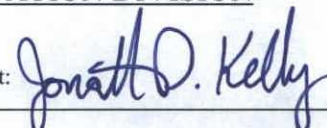
Notes:

(1) Parts per million (ppm) is equivalent to mg/L.

(2) Based on most conservative clean-up levels per the OCD Guidelines for Remediation of Leaks, Spills, and Releases dated August 13, 1993.

Based on the analytical results of the discharged hydro test water, Western is requesting that a "No Further Corrective Action" designation be issued for this event.

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

| | | | |
|--|--|---|------------------|
| Signature:  | | OIL CONSERVATION DIVISION | |
| Printed Name: Kelly Robinson | | Approved by Environmental Specialist:  | |
| Title: Environmental Supervisor | | Approval Date: 11/6/2015 | Expiration Date: |
| E-mail Address: Kelly.robinson@wnr.com | | Conditions of Approval: | |
| Date: 12/03/2013 Phone: (505) 632-4166 | | Attached <input type="checkbox"/> | |

* Attach Additional Sheets If Necessary

njx1531025558



Analytical Report

Report Summary

Client: Western Refining Pipeline Co.

Chain Of Custody Number: 15945

Samples Received: 12/2/2013 8:50:00AM

Job Number: 08012-0001

Work Order: P312003

Project Name/Location: 16-inch Pipeline

Entire Report Reviewed By:

A handwritten signature in black ink, appearing to read "Tim Cain".

Date: 12/3/13

Tim Cain, Laboratory Manager

The results in this report apply to the samples submitted to Envirotech's Analytical Laboratory and were analyzed in accordance with the chain of custody document supplied by you, the client, and as such are for your exclusive use only. The results in this report are based on the sample as received unless otherwise noted. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc. If you have any questions regarding this analytical report, please don't hesitate to contact Envirotech's Laboratory Staff.



Western Refining Pipeline Co.
PO Box 62558
Phoenix AZ, 85082-2558

Project Name: 16-inch Pipeline
Project Number: 08012-0001
Project Manager: Kelly Robinson

Reported:
03-Dec-13 07:51

Analytical Report for Samples

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|------------------|---------------|---------|----------|----------|---------------------|
| MP 168.832 | P312003-01A | Aqueous | 11/26/13 | 12/02/13 | Voa vial, 40mL, HCl |
| | P312003-01B | Aqueous | 11/26/13 | 12/02/13 | Voa vial, 40mL, HCl |
| | P312003-01C | Aqueous | 11/26/13 | 12/02/13 | VOA Vial, 40mL |

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Western Refining Pipeline Co.
PO Box 62558
Phoenix AZ, 85082-2558

Project Name: 16-inch Pipeline
Project Number: 08012-0001
Project Manager: Kelly Robinson

Reported:
03-Dec-13 07:51

MP 168.832
P312003-01 (Water)

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--|--------|--------------------|-------|----------|---------|----------|----------|-----------|-------|
| Volatile Organics by EPA 8021 | | | | | | | | | |
| Benzene | 0.10 | 0.001 | mg/L | 1 | 1349005 | 12/03/13 | 12/03/13 | EPA 8021B | |
| Toluene | 0.72 | 0.001 | mg/L | 1 | 1349005 | 12/03/13 | 12/03/13 | EPA 8021B | |
| Ethylbenzene | 0.14 | 0.001 | mg/L | 1 | 1349005 | 12/03/13 | 12/03/13 | EPA 8021B | |
| p,m-Xylene | 0.27 | 0.001 | mg/L | 1 | 1349005 | 12/03/13 | 12/03/13 | EPA 8021B | |
| o-Xylene | 0.16 | 0.001 | mg/L | 1 | 1349005 | 12/03/13 | 12/03/13 | EPA 8021B | |
| Total Xylenes | 0.43 | 0.001 | mg/L | 1 | 1349005 | 12/03/13 | 12/03/13 | EPA 8021B | |
| Total BTEX | 1.38 | 0.001 | mg/L | 1 | 1349005 | 12/03/13 | 12/03/13 | EPA 8021B | |
| Surrogate: Bromochlorobenzene | | 97.1 % | | 80-120 | 1349005 | 12/03/13 | 12/03/13 | EPA 8021B | |
| Surrogate: 1,3-Dichlorobenzene | | 105 % | | 80-120 | 1349005 | 12/03/13 | 12/03/13 | EPA 8021B | |
| Nonhalogenated Organics by 8015 | | | | | | | | | |
| Gasoline Range Organics (C6-C10) | 2.40 | 0.10 | mg/L | 1 | 1349005 | 12/03/13 | 12/03/13 | EPA 8015D | |
| Diesel Range Organics (C10-C28) | 6.40 | 3.00 | mg/L | 1 | 1349007 | 12/02/13 | 12/02/13 | EPA 8015D | |
| GRO and DRO Combined Fractions | 8.80 | 0.10 | mg/L | | [CALC] | 12/03/13 | 12/03/13 | EPA 8015D | |

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Western Refining Pipeline Co.
PO Box 62558
Phoenix AZ, 85082-2558

Project Name: 16-inch Pipeline
Project Number: 08012-0001
Project Manager: Kelly Robinson

Reported:
03-Dec-13 07:51

Volatile Organics by EPA 8021 - Quality Control

Envirotech Analytical Laboratory

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch 1349005 - Purge and Trap EPA 5030A

Blank (1349005-BLK1)

Prepared & Analyzed: 03-Dec-13

| | | | | | | | | | | |
|--------------------------------|--------|-------|------|--------|--|------|--------|--|--|--|
| Benzene | ND | 0.001 | mg/L | | | | | | | |
| Toluene | ND | 0.001 | " | | | | | | | |
| Ethylbenzene | ND | 0.001 | " | | | | | | | |
| p,m-Xylene | ND | 0.001 | " | | | | | | | |
| o-Xylene | ND | 0.001 | " | | | | | | | |
| Total Xylenes | ND | 0.001 | " | | | | | | | |
| Total BTEX | ND | 0.001 | " | | | | | | | |
| Surrogate: 1,3-Dichlorobenzene | 0.0497 | | " | 0.0500 | | 99.3 | 80-120 | | | |
| Surrogate: Bromochlorobenzene | 0.0492 | | " | 0.0500 | | 98.5 | 80-120 | | | |

Duplicate (1349005-DUP1)

Source: P312003-01

Prepared & Analyzed: 03-Dec-13

| | | | | | | | | | | |
|--------------------------------|--------|-------|------|--------|------|-----|--------|------|----|-------|
| Benzene | 0.12 | 0.001 | mg/L | | 0.10 | | | 16.1 | 30 | |
| Toluene | 1.06 | 0.001 | " | | 0.72 | | | 38.6 | 30 | D1 |
| Ethylbenzene | 0.21 | 0.001 | " | | 0.14 | | | 40.3 | 30 | D1 |
| p,m-Xylene | 0.40 | 0.001 | " | | 0.27 | | | 39.7 | 30 | D1 |
| o-Xylene | 0.23 | 0.001 | " | | 0.16 | | | 40.4 | 30 | D1 |
| Surrogate: 1,3-Dichlorobenzene | 0.0742 | | " | 0.0500 | | 148 | 80-120 | | | Surr1 |
| Surrogate: Bromochlorobenzene | 0.0587 | | " | 0.0500 | | 117 | 80-120 | | | |

Matrix Spike (1349005-MS1)

Source: P312003-01

Prepared & Analyzed: 03-Dec-13

| | | | | | | | | | | |
|--------------------------------|--------|-------|------|--------|------|------|--------|--|--|-------|
| Benzene | 0.13 | 0.001 | mg/L | 0.0500 | 0.10 | 65.3 | 39-150 | | | |
| Toluene | 0.99 | 0.001 | " | 0.0500 | 0.72 | 556 | 46-148 | | | SPK1 |
| Ethylbenzene | 0.23 | 0.001 | " | 0.0500 | 0.14 | 186 | 32-160 | | | SPK1 |
| p,m-Xylene | 0.45 | 0.001 | " | 0.100 | 0.27 | 179 | 46-148 | | | SPK1 |
| o-Xylene | 0.25 | 0.001 | " | 0.0500 | 0.16 | 198 | 46-148 | | | SPK1 |
| Surrogate: 1,3-Dichlorobenzene | 0.0663 | | " | 0.0500 | | 133 | 80-120 | | | Surr1 |
| Surrogate: Bromochlorobenzene | 0.0521 | | " | 0.0500 | | 104 | 80-120 | | | |

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Western Refining Pipeline Co.
PO Box 62558
Phoenix AZ, 85082-2558

Project Name: 16-inch Pipeline
Project Number: 08012-0001
Project Manager: Kelly Robinson

Reported:
03-Dec-13 07:51

Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|--------|--------------------|-------|---|------------------|------|----------------|------|--------------|-------|
| Batch 1349005 - Purge and Trap EPA 5030A | | | | | | | | | | |
| Blank (1349005-BLK1) | | | | Prepared & Analyzed: 03-Dec-13 | | | | | | |
| Gasoline Range Organics (C6-C10) | ND | 0.10 | mg/L | | | | | | | |
| Duplicate (1349005-DUP1) | | | | Source: P312003-01 Prepared & Analyzed: 03-Dec-13 | | | | | | |
| Gasoline Range Organics (C6-C10) | 3.71 | 0.10 | mg/L | | 2.40 | | | 42.7 | 30 | D1 |
| Matrix Spike (1349005-MS1) | | | | Source: P312003-01 Prepared & Analyzed: 03-Dec-13 | | | | | | |
| Gasoline Range Organics (C6-C10) | 3.76 | 0.10 | mg/L | 0.450 | 2.40 | 300 | 75-125 | | | SPK1 |

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Project Name: 16-inch Pipeline
Project Number: 08012-0001
Project Manager: Kelly Robinson

Reported:
03-Dec-13 07:51

Nonhalogenated Organics by 8015 - Quality Control

Envirotech Analytical Laboratory

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|--|--------|-----------------|-------|---|---------------|------|-------------|------|-----------|-------|
| Batch 1349007 - Sep Funnel Liquid-Liquid Extraction EPA 3510C | | | | | | | | | | |
| Blank (1349007-BLK1) | | | | Prepared & Analyzed: 02-Dec-13 | | | | | | |
| Diesel Range Organics (C10-C28) | ND | 3.00 | mg/L | | | | | | | |
| Duplicate (1349007-DUP1) | | | | Source: P312003-01 Prepared & Analyzed: 02-Dec-13 | | | | | | |
| Diesel Range Organics (C10-C28) | 6.78 | 3.00 | mg/L | | 6.40 | | | 5.71 | 30 | |
| Matrix Spike (1349007-MS1) | | | | Source: P312003-01 Prepared & Analyzed: 02-Dec-13 | | | | | | |
| Diesel Range Organics (C10-C28) | 282 | | mg/L | 250 | 60.8 | 88.7 | 75-125 | | | |

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PO Box 62558
Phoenix AZ, 85082-2558

Project Name: 16-inch Pipeline
Project Number: 08012-0001
Project Manager: Kelly Robinson

Reported:
03-Dec-13 07:51

Notes and Definitions

Surr1 Surrogate recovery was above acceptable limits.
SPK1 The spike recovery for this QC sample is outside of control limits.
D1 Duplicates or Matrix Spike Duplicates Relative Percent Difference exceeds 30%.
DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference

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RUSH

CHAIN OF CUSTODY RECORD

15945

Page 8 of 8

| | | | | | | | | | | | | | | | | | |
|---|--|--|--|-------------------------------------|--------------------|-------------------|---------------|----------------|-----|---------------|----------------|-------------|----------|--|--|-------------|---------------|
| Client: <u>Western Refining</u> | | Project Name / Location: <u>16-INCH PIPELINE</u> | | ANALYSIS / PARAMETERS | | | | | | | | | | | | | |
| Email results to: <u>Kelly.Robinson@wnr.com</u> | | Sampler Name: <u>Campes</u> | | TPH (Method 8015) <u>Gaged July</u> | BTEX (Method 8021) | VOC (Method 8260) | RCRA 8 Metals | Cation / Anion | RCI | TCLP with H/P | CO Table 910-1 | TPH (418.1) | CHLORIDE | | | Sample Cool | Sample Intact |
| Client Phone No.: <u>(505) 632-4166</u> | | Client No.: <u>08012-0001</u> | | | | | | | | | | | | | | | |

| Sample No./ Identification | Sample Date | Sample Time | Lab No. | No./Volume of Containers | Preservative | | | TPH (1) | BTEX | VOC (| RCRA | Cation | RCI | TCLP | CO Ta | TPH (| CHLO | | | Samp | Samp | |
|----------------------------|-------------|-------------|-----------------------|--------------------------|------------------|-----|--|---------|------|-------|------|--------|-----|------|-------|-------|------|--|--|------|------|---|
| | | | | | HNO ₃ | HCl | | | | | | | | | | | | | | | | |
| MP 168.832 | 11/26/13 | 13:20 | P312003-01 | (2) Vials | | X | | X | X | | | | | | | | | | | | X | X |
| ↓ | ↓ | ↓ | same sample per Kelly | (1) Vial | | | | X | | | | | | | | | | | | | X | X |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | |
|---|----------------------|----------------------|---|----------------------|-------------------|
| Relinquished by (Signature): <u>Kelly Robinson</u> | Date: <u>12/2/13</u> | Time: <u>8:50 AM</u> | Received by (Signature): <u>Mariano</u> | Date: <u>12/2/13</u> | Time: <u>8:50</u> |
| Relinquished by (Signature): | | | Received by (Signature): | | |
| Sample Matrix | | | | | |
| Soil <input type="checkbox"/> Solid <input type="checkbox"/> Sludge <input type="checkbox"/> Aqueous <input checked="" type="checkbox"/> Other <input type="checkbox"/> | | | | | |

☐ Sample(s) dropped off after hours to secure drop off area.

 **envirotech**
Analytical Laboratory

RUSH

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