

December 19, 2013

RECEIVED

Carl Chavez
New Mexico Oil Conservation Division -- Environmental Bureau
1220 South St. Francis Dr
Santa Fe, NM 87505

DEC 20 2013

**NMED
Hazardous Waste Bureau**

Jonathan Kelly
New Mexico Oil Conservation Division -- Environmental Bureau
1000 Rio Brazos Road
Aztec, NM 87410

Certified Mail #: 7011 3500 0000 7665 6072 (to OCD – Santa Fe)
Certified Mail #: 7011 3500 0000 7665 6058 (to OCD – Aztec)
Certified Mail #: 7011 3500 0000 7665 6065 (to NMED-HWB)

**RE: Ethanol Release C-141 Final Report
Western Refining Southwest, Inc. – Bloomfield Terminal**

Mr. Chavez and Mr. Kelly,

Please find enclosed a copy of the C-141 Final Report pertaining to an ethanol release that occurred at the Bloomfield Terminal on December 2, 2013. Based on the data included in the attached report, Western is requesting a “No Further Corrective Action Required” designation for this event.

If you have any questions or would like to discuss this subject in more detail, please feel free to contact me at (505) 632-4166.

Sincerely,



Kelly Robinson
Environmental Supervisor
Western Refining Southwest, Inc.

Cc: R. Schmaltz (WNR – Bloomfield)
L. Tsinnajinnie (NMED-HWB)

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

Form C-141
Revised August 8, 2011

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

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

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

Name of Company: Western Refining Southwest, Inc.	Contact: Ron Weaver
Address: 50 Road 4990	Telephone No.: 505-632-4185
Facility Name: Bloomfield Terminal	Facility Type: Products Terminal

Surface Owner: Western Refining Southwest, Inc.	Mineral Owner	API No.
---	---------------	---------

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
NESE	27	29N	11W					

Latitude 36° 41' 48.52"N Longitude 107° 58' 14.78" W

NATURE OF RELEASE

Type of Release: Ethanol	Volume of Release: greater than 10 barrels	Volume Recovered: Estimated 2 barrels
Source of Release: Overflow of Tank 44	Date and Hour of Occurrence: 12/2/2013 7:30pm	Date and Hour of Discovery: 12/2/2013 7:30pm
Was Immediate Notice Given? Yes, upon discovery of discharge volume <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? 1) Carl Chavez with NMOCD – Santa Fe Office 2) Jonathan Kelly with NMOCD – Aztec Office	
By Whom? : Kelly Robinson	Date and Hour : 1) 3:30 pm 12/4/2013 to Carl Chavez (NMOCD) via e-mail 2) 3:30 pm on 12/4/2013 to Jonathan Kelly (NMOCD) via e-mail	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	
If a Watercourse was Impacted, Describe Fully.* No water course has been impacted.		
Describe Cause of Problem and Remedial Action Taken.* On Monday December 2 nd , 2013 at approximately 7:30pm a truck of Ethanol was unloading into Tank 44 at the Bloomfield Terminal. At the time the truck was un-loading, the auto gauge on the Tank read 18'-4," indicating that there was sufficient room in the tank to unload the truck. During unloading activities, it was noticed in the field that Ethanol was discharging from the tank top vents. Unloading activities immediately ceased. The Ethanol that spilled from the tank top vents was contained within the tank's secondary containment. The on-shift Terminal operator utilized the on-site vacuum truck to quickly recover as much Ethanol that spilled on to the ground as possible. Initial estimates of the total volume lost through the tank vents were reported as less than 5 barrels. However on December 4 th , 2013 after further investigation into the incident, it was determined that the total volume of Ethanol lost was over 10 barrels. The investigation into the event also determined that the cause of the tank overflow was a calibration issue with the tank auto gauge. The gauge on the tank has since been replaced and calibrated to prevent future happenings.		

Describe Area Affected and Cleanup Action Taken.*

The volume of ethanol released to ground was contained within the secondary containment of Tank 44. On December 3rd, 2013, Western contracted with Envirotech to excavate the impacted soil material around the tank perimeter for off-site disposal. Approximately 30 cubic yards of soil was excavated. The excavated material was transported to the Envirotech Landfarm south of Bloomfield, New Mexico.

Following excavation activities, Western collected a five point composite sample of the excavated base. The sample was submitted to Envirotech Laboratories 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. A summary of the final confirmation samples is as follows:

	OCD Screening Levels ⁽¹⁾ (ppm)
Benzene	10
Toluene	---
Ethylbenzene	---
Total Xylenes	---
Total BTEX	50
TPH-GRO	---
TPH -DRO	---
Total TPH	100

Notes:

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

A copy of the analytical report is attached for reference. Based on the analytical results, Western is requesting that a "No Further Corrective Action Required" designation be approved 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.

OIL CONSERVATION DIVISION

Signature: *Kelly Robinson*

Printed Name: Kelly Robinson

Title: Environmental Supervisor

E-mail Address: Kelly.robinson@wnr.com

Date: 12/19/2013

Phone: (505) 632-4166

Approved by Environmental Specialist:

Approval Date:

Expiration Date:

Conditions of Approval:

Attached

* Attach Additional Sheets If Necessary



Analytical Report

Report Summary

Client: Western Refining-Bloomfield
Chain Of Custody Number: 15948
Samples Received: 12/9/2013 3:55:00PM
Job Number: 96012-0115
Work Order: P312043
Project Name/Location: Tank 44-BLM Term

Entire Report Reviewed By:

A handwritten signature in black ink, appearing to read 'Tim Cain', is written over a horizontal line.

Date: 12/11/13

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-Bloomfield PO Box 159 Bloomfield NM, 87413	Project Name: Tank 44-BLM Term Project Number: 96012-0115 Project Manager: Kelly Robinson	Reported: 11-Dec-13 14:31
---	---	------------------------------

Analytical Report for Samples

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Western Refining	P312043-01A	Soil	12/09/13	12/09/13	Glass Jar, 8 oz.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

5796 US Highway 64, Farmington, NM 87401

Ph (505) 632-0615 Fx (505) 632-1865

Three Springs - 65 Mercado Street, Suite 115, Durango, CO 81301

Ph (970) 259-0615 Fr (800) 362-1879

envirotech inc.com
laboratory@envirotech inc.com



Western Refining-Bloomfield PO Box 159 Bloomfield NM, 87413	Project Name: Tank 44-BLM Term Project Number: 96012-0115 Project Manager: Kelly Robinson	Reported: 11-Dec-13 14:31
---	---	------------------------------

**Western Refining
P312043-01 (Solid)**

Analyte	Result	Reporting			Batch	Prepared	Analyzed	Method	Notes
		Limit	Units	Dilution					
Volatile Organics by EPA 8021									
Benzene	ND	0.05	mg/kg	1	1350001	12/10/13	12/10/13	EPA 8021B	
Toluene	ND	0.05	mg/kg	1	1350001	12/10/13	12/10/13	EPA 8021B	
Ethylbenzene	ND	0.05	mg/kg	1	1350001	12/10/13	12/10/13	EPA 8021B	
p,m-Xylene	ND	0.05	mg/kg	1	1350001	12/10/13	12/10/13	EPA 8021B	
o-Xylene	ND	0.05	mg/kg	1	1350001	12/10/13	12/10/13	EPA 8021B	
Total Xylenes	ND	0.05	mg/kg	1	1350001	12/10/13	12/10/13	EPA 8021B	
Total BTEX	ND	0.05	mg/kg	1	1350001	12/10/13	12/10/13	EPA 8021B	
<i>Surrogate: Bromochlorobenzene</i>		93.8 %		80-120	1350001	12/10/13	12/10/13	EPA 8021B	
<i>Surrogate: 1,3-Dichlorobenzene</i>		90.7 %		80-120	1350001	12/10/13	12/10/13	EPA 8021B	
Nonhalogenated Organics by 8015									
Gasoline Range Organics (C6-C10)	ND	5.00	mg/kg	1	1350001	12/10/13	12/10/13	EPA 8015D	
Diesel Range Organics (C10-C28)	ND	30.0	mg/kg	1	1350002	12/09/13	12/09/13	EPA 8015D	
GRO and DRO Combined Fractions	ND	5.00	mg/kg		[CALC]	12/10/13	12/10/13	EPA 8015D	

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

5796 US Highway 64, Farmington, NM 87401

Ph (505) 632-0615 Fx (505) 632-1865

Three Springs - 65 Mercado Street, Suite 115, Durango, CO 81301

Ph (970) 259-0615 Fr (800) 362-1879

envirotech-inc.com
laboratory@envirotech-inc.com



Western Refining-Bloomfield PO Box 159 Bloomfield NM, 87413	Project Name: Tank 44-BLM Term Project Number: 96012-0115 Project Manager: Kelly Robinson	Reported: 11-Dec-13 14:31
---	---	------------------------------

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 1350001 - Purge and Trap EPA 5030A

Blank (1350001-BLK1)

Prepared & Analyzed: 09-Dec-13

Benzene	ND	0.05	mg/kg							
Toluene	ND	0.05	"							
Ethylbenzene	ND	0.05	"							
p,m-Xylene	ND	0.05	"							
o-Xylene	ND	0.05	"							
Total Xylenes	ND	0.05	"							
Total BTEX	ND	0.05	"							
Surrogate: 1,3-Dichlorobenzene	48.7		ug/L	50.0		97.3	80-120			
Surrogate: Bromochlorobenzene	50.6		"	50.0		101	80-120			

Duplicate (1350001-DUP1)

Source: P312038-01

Prepared: 09-Dec-13 Analyzed: 10-Dec-13

Benzene	ND	0.05	mg/kg		ND				30	
Toluene	ND	0.05	"		ND				30	
Ethylbenzene	ND	0.05	"		ND				30	
p,m-Xylene	ND	0.05	"		ND				30	
o-Xylene	ND	0.05	"		ND				30	
Surrogate: 1,3-Dichlorobenzene	46.8		ug/L	50.0		93.5	80-120			
Surrogate: Bromochlorobenzene	49.7		"	50.0		99.4	80-120			

Matrix Spike (1350001-MS1)

Source: P312038-01

Prepared: 09-Dec-13 Analyzed: 10-Dec-13

Benzene	37.2		ug/L	50.0	ND	74.4	39-150			
Toluene	51.4		"	50.0	ND	103	46-148			
Ethylbenzene	51.6		"	50.0	ND	103	32-160			
p,m-Xylene	102		"	100	ND	102	46-148			
o-Xylene	50.6		"	50.0	ND	101	46-148			
Surrogate: 1,3-Dichlorobenzene	50.2		"	50.0		100	80-120			
Surrogate: Bromochlorobenzene	52.4		"	50.0		105	80-120			

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

5796 US Highway 64, Farmington, NM 87401

Ph (505) 632-0615 Fx (505) 632-1865

Three Springs - 65 Mercado Street, Suite 115, Durango, CO 81301

Ph (970) 259-0615 Fr (800) 362-1879

envirotech inc.com
laboratory@envirotech-inc.com



Western Refining-Bloomfield PO Box 159 Bloomfield NM, 87413	Project Name: Tank 44-BLM Term Project Number: 960i2-0115 Project Manager: Kelly Robinson	Reported: 11-Dec-13 14:31
---	---	------------------------------

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 1350001 - Purge and Trap EPA 5030A

Blank (1350001-BLK1)		Prepared & Analyzed: 09-Dec-13								
Gasoline Range Organics (C6-C10)	ND	4.99	mg/kg							
Duplicate (1350001-DUP1)		Source: P312038-01		Prepared: 09-Dec-13 Analyzed: 10-Dec-13						
Gasoline Range Organics (C6-C10)	ND	4.99	mg/kg		ND				30	
Matrix Spike (1350001-MS1)		Source: P312038-01		Prepared: 09-Dec-13 Analyzed: 10-Dec-13						
Gasoline Range Organics (C6-C10)	0.48		mg/L	0.450	0.07	91.1	75-125			

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

5796 US Highway 64, Farmington, NM 87401

Ph (505) 632-0615 Fx (505) 632-1865

Three Springs - 65 Mercado Street, Suite 115, Durango, CO 81301

Ph (970) 259-0615 Fr (800) 362-1879

envirotech inc.com
laboratory@envirotech inc.com



Western Refining-Bloomfield PO Box 159 Bloomfield NM, 87413	Project Name: Tank 44-BLM Term Project Number: 96012-0115 Project Manager: Kelly Robinson	Reported: 11-Dec-13 14:31
---	---	------------------------------

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 1350002 - DRO Extraction EPA 3550C										
Blank (1350002-BLK1) Prepared & Analyzed: 09-Dec-13										
Diesel Range Organics (C10-C28)	ND	30.0	mg/kg							
Duplicate (1350002-DUP1) Source: P312038-01 Prepared & Analyzed: 09-Dec-13										
Diesel Range Organics (C10-C28)	ND	30.0	mg/kg		ND				30	
Matrix Spike (1350002-MS1) Source: P312038-01 Prepared & Analyzed: 09-Dec-13										
Diesel Range Organics (C10-C28)	167	31.6	mg/kg	263	ND	63.6	75-125			SPK1

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

5796 US Highway 64, Farmington, NM 87401

Ph (505) 632-0615 Fx (505) 632-1865

Three Springs - 65 Mercado Street, Suite 115, Durango, CO 81301

Ph (970) 259-0615 Fr (800) 362-1879

envirotech-inc.com
laboratory@envirotech-inc.com



Western Refining-Bloomfield PO Box 159 Bloomfield NM, 87413	Project Name: Tank 44-BLM Term Project Number: 96012-0115 Project Manager: Kelly Robinson	Reported: 11-Dec-13 14:31
---	---	------------------------------

Notes and Definitions

- SPK1 The spike recovery for this QC sample is outside of control limits.
- 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

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech, Inc.

RUSH

CHAIN OF CUSTODY RECORD

15948

Client: Western Refining		Project Name / Location: TANK 44 - BLM TERM		ANALYSIS / PARAMETERS											
Email results to: Kelly.Robinson@wnr.com		Sampler Name: Kelly Robinson		TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	PCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	CO Table 910-1	TPH (418.1)	CHLORIDE	Sample Cool	Sample Intact
Client Phone No.: (505) 801-5616		Client No.: 96012-0115													

Sample No. / Identification	Sample Date	Sample Time	Lab No.	No./Volume of Containers	Preservative			TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	PCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	CO Table 910-1	TPH (418.1)	CHLORIDE	Sample Cool	Sample Intact
					HNO ₃	HCl													
BASE - FINAL	12/9/13	11:00AM	P312043-01	(1) 8oz				X	X									Y	Y
[Large scribbled-out area]																			

Relinquished by: (Signature) Kelly Robinson	Date 12/9/13	Time 15:55	Received by: (Signature) [Signature]	Date 12/9/13	Time 15:55
--	---------------------	-------------------	---	---------------------	-------------------

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
------------------------------	------	------	--------------------------	------	------

Sample Matrix
 Soil Solid Sludge Aqueous Other

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



RUSH