

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, 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 to
accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company Burlington Resources Oil & Gas Company	Contact Crystal Tafoya
Address 3401 East 30th St, Farmington, NM	Telephone No. (505) 326-9837
Facility Name: Grenier B 2	Facility Type: Gas Well

Surface Owner BLM	Mineral Owner BLM (NM-03561)	API No. 30-045-08696
--------------------------	-------------------------------------	-----------------------------

LOCATION OF RELEASE

Unit Letter J	Section 6	Township 29N	Range 10W	Feet from the 1650	North/South Line South	Feet from the 1650	East/West Line East	County San Juan
-------------------------	---------------------	------------------------	---------------------	------------------------------	----------------------------------	------------------------------	-------------------------------	---------------------------

Latitude 36.75215 Longitude 107.922

NATURE OF RELEASE

Type of Release Lube Oil	Volume of Release ~100 gal	Volume Recovered ~8 gal
Source of Release Oil Tank	Date and Hour of Occurrence Unknown	Date and Hour of Discovery 8/12/12 at 8:15am
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Brandon Powell (OCD) & Bill Liess (BLM)	
By Whom? Gwen Frost	Date and Hour 8/12/2012 at 1:32pm	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

RCVD AUG 29 '12

OIL CONS. DIV.


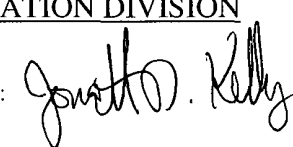
DIST. 3

If a Watercourse was Impacted, Describe Fully.* N/A

Describe Cause of Problem and Remedial Action Taken.* A day tank was vandalized with three bullet holes that spilled approximately 100 galls of lube oil (El Mar low Ash SAE 30). The spill left location approximately 80' but did not reach a drainage as originally reported. A third party was contacted to cleaned up the spill and perform an assessment.

Describe Area Affected and Cleanup Action Taken.* Location and 80' off location was affected. Action taken was clean-up and setting of new oil tank. Spill Cleanup Report is attached.
--

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

Signature: 		OIL CONSERVATION DIVISION	
Printed Name: Crystal Tafoya		Approved by Environmental Specialist: 	
Title: Field Environmental Specialist		Approval Date: <u>9/06/2012</u>	Expiration Date:
E-mail Address: crystal.tafoya@conocophillips.com		Conditions of Approval:	Attached <input type="checkbox"/>
Date: 8/28/2012 Phone: (505) 326-9837			

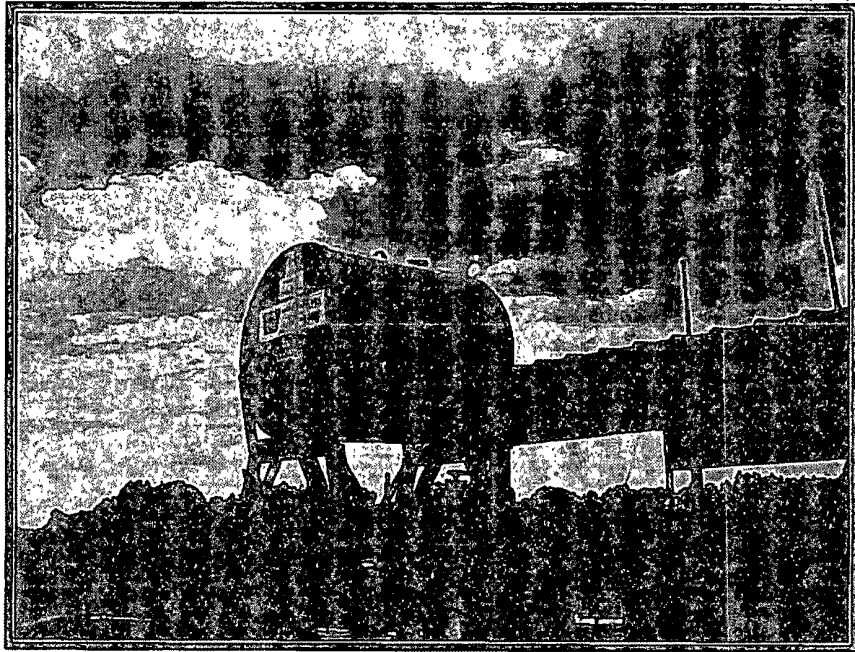
* Attach Additional Sheets If Necessary

njk 1225053997

SPILL CLEANUP REPORT

**LOCATED AT:
GRENIER B #2 (HBR) WELL SITE
SECTION 6, TOWNSHIP 29 NORTH, RANGE 10 WEST
SAN JUAN COUNTY, NEW MEXICO**

**PREPARED FOR:
CONOCOPHILLIPS
MS. ASHLEY MAXWELL
5525 US HIGHWAY 64
FARMINGTON, NEW MEXICO 87401**



**PROJECT NUMBER 92115-2248
AUGUST 2012**



August 21, 2012

Project Number 92115-2248

Ms. Ashley Maxwell
ConocoPhillips
5525 US Highway 64
Farmington, New Mexico 87401

Phone: (505) 215-8529


**RE: SPILL CLEANUP REPORT FOR A LUBE OIL RELEASE ON THE GRENIER B #2
(hBr) WELL SITE, SAN JUAN COUNTY, NEW MEXICO**

Dear Ms. Maxwell:

Enclosed please find the *Spill Cleanup Report* detailing spill cleanup activities conducted on the Grenier B #2 (hBr) well site located in Section 6, Township 29 North, Range 10 West, San Juan County, New Mexico.

We appreciate the opportunity to be of service. If you have any questions or require additional information, please contact our office at (505) 632-0615.

Respectfully submitted,
ENVIROTECH, INC.


Barrian Williamson
Environmental Project Manager
bwilliamson@envirotech-inc.com

Enclosures: *Spill Cleanup Report*

Cc: Client File Number 92115

**CONOCOPHILLIPS
SPILL CLEANUP REPORT
GRENIER B #2 (HBR) WELL SITE
SECTION 6, TOWNSHIP 29 NORTH, RANGE 10 WEST
SAN JUAN COUNTY, NEW MEXICO**

TABLE OF CONTENTS

INTRODUCTION.....	1
ACTIVITIES PERFORMED.....	1
SUMMARY AND CONCLUSIONS.....	2
STATEMENT OF LIMITATIONS.....	2

Figures: Figure 1, Vicinity Map
 Figure 2, Site Map

INTRODUCTION

Envirotech, Inc. of Farmington, New Mexico, was contracted by ConocoPhillips to provide spill cleanup activities for a release of new El Mar Low Ash lube oil from a 150-gallon day tank on the Grenier B #2 (hBr) well site located in San Juan County, New Mexico; see **Figure 1, Vicinity Map**. Patrolman Jeremy Yazzie with the New Mexico State Police was onsite for the transfer of custody to the Envirotech response crew. Three (3) bullet holes were present in the lube oil day tank and were the cause of the release. Approximately 100 gallons of lube oil were released due to the incident. The release was approximately one (1) foot wide, traveled approximately 50 feet on-location, and continued off-location for an additional 80 feet; see **Appendix B, Site Photography**. Activities included excavation, sample collection and analysis, contaminated soil disposal, documentation and reporting.

ACTIVITIES PERFORMED

Envirotech, Inc. was contacted on August 12, 2012, with a request to respond to a release that occurred at the above referenced location. Upon arrival, a brief site assessment was conducted. Because the distance to surface water is between 200 and 1000 feet from the release, the distance to groundwater is 58 feet, and the distance to a well head protection area is greater than 1000 feet, the regulatory standards for the site were determined to be 100 parts per million (ppm) total petroleum hydrocarbons (TPH) and 100 ppm organic vapors, pursuant to New Mexico Oil Conservation Division (NMOCD) Guidelines for Remediation of Leaks, Spills, and Releases. An emergency one call was performed for the excavation of the spill path.

On August 12, 2012, Envirotech, Inc. removed the leaking lube oil tank. Envirotech commenced excavation of the spill path on-location. One (1) composite sample was collected from the excavated spill path on-location into a (4) four-ounce glass jar, capped headspace free, and transported on ice to Envirotech's Analytical Laboratory to be analyzed for TPH using USEPA Method 8015 and for total benzene and total BTEX using USEPA Method 8021. The sample returned results of 5.3 ppm TPH and non-detect for benzene and total BTEX, which are below the regulatory limits determined for this site; see **Appendix A, Analytical Results**.

Prior to disturbing any material off-location, a cultural survey was performed by Mr. Steve Fuller with La Plata Archeological Consultants, to clear the area. The area was cleared 75 feet from the spill path in all directions. Therefore, excavation commenced to remove the contaminated soil off-location. One composite sample was collected from the excavated spill path off-location into a (4) four-ounce glass jar, capped headspace free, and transported on ice to Envirotech's Analytical Laboratory to be analyzed for TPH using USEPA Method 8015 and for benzene and total BTEX using USEPA Method 8021. The sample returned results of non-detect for TPH and non-detect for benzene and total BTEX, which are below the regulatory limits determined for this site; see **Appendix A, Analytical Results**.

Upon completion of excavation activities, the on-location spill path was backfilled. Approximately 24 cubic yards of excavated contaminated soil were transported to Envirotech's NMOCD permitted soil remediation facility, Landfarm 2, located near Hilltop, New Mexico; see *Appendix C, Bills of Lading*.

SUMMARY AND CONCLUSIONS

Spill cleanup activities were performed for a release from a lube oil tank located on the Grenier B #2 (hBr) well site, San Juan County, New Mexico. Approximately 24 cubic yards of contaminated soil were transported to Envirotech's NMOCD permitted soil remediation facility, Landfarm 2. The excavated spill path on-location was backfilled and returned to pre-incident conditions. Envirotech, Inc. recommends no further action in regards to this incident.

STATEMENT OF LIMITATIONS


Envirotech, Inc. has completed spill cleanup activities for a release from a lube oil tank located on the Grenier B #2 (hBr) well site, San Juan County, New Mexico. The work and services provided by Envirotech, Inc. were in accordance with the New Mexico Oil Conservation Division standards. All observations and conclusions provided here are based on the information and current site conditions found at the site of the incident.

The undersigned has conducted this service at the above referenced site; this work has been conducted and reported in accordance with generally accepted professional practices in geology, engineering, environmental chemistry and hydrogeology.

We appreciate the opportunity to be of service. If you have any questions or require additional information, please contact our office at (505) 632-0615.

Respectfully Submitted,

ENVIROTECH, INC.

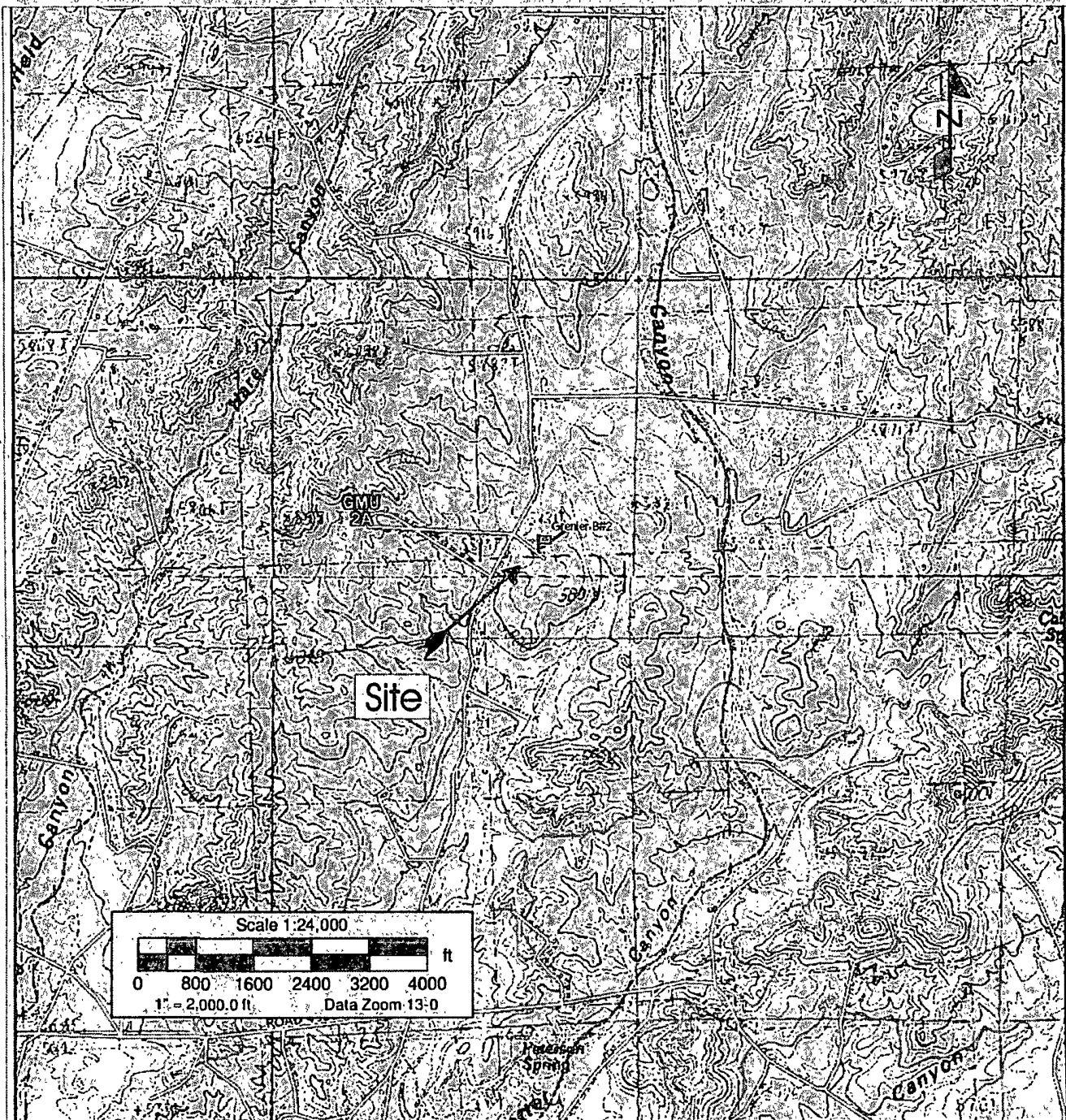


Barian Williamson
Environmental Project Manager
bwilliamson@envirotech-inc.com

FIGURES

Figure 1, Vicinity Map

Figure 2, Site Map



Source: Aztec, New Mexico 87410 7.5 Minute U.S.G.S. Topographic Quadrangle Map
 Scale: 1:24,000 1" = 2000'

ConocoPhillips (hBr)
 Spill Cleanup Report
 Grenier B#2
 San Juan County, New Mexico



5796 U.S. HIGHWAY 64
 Farmington, New Mexico 87401
 505.632.0615

Vicinity Map

Figure 1

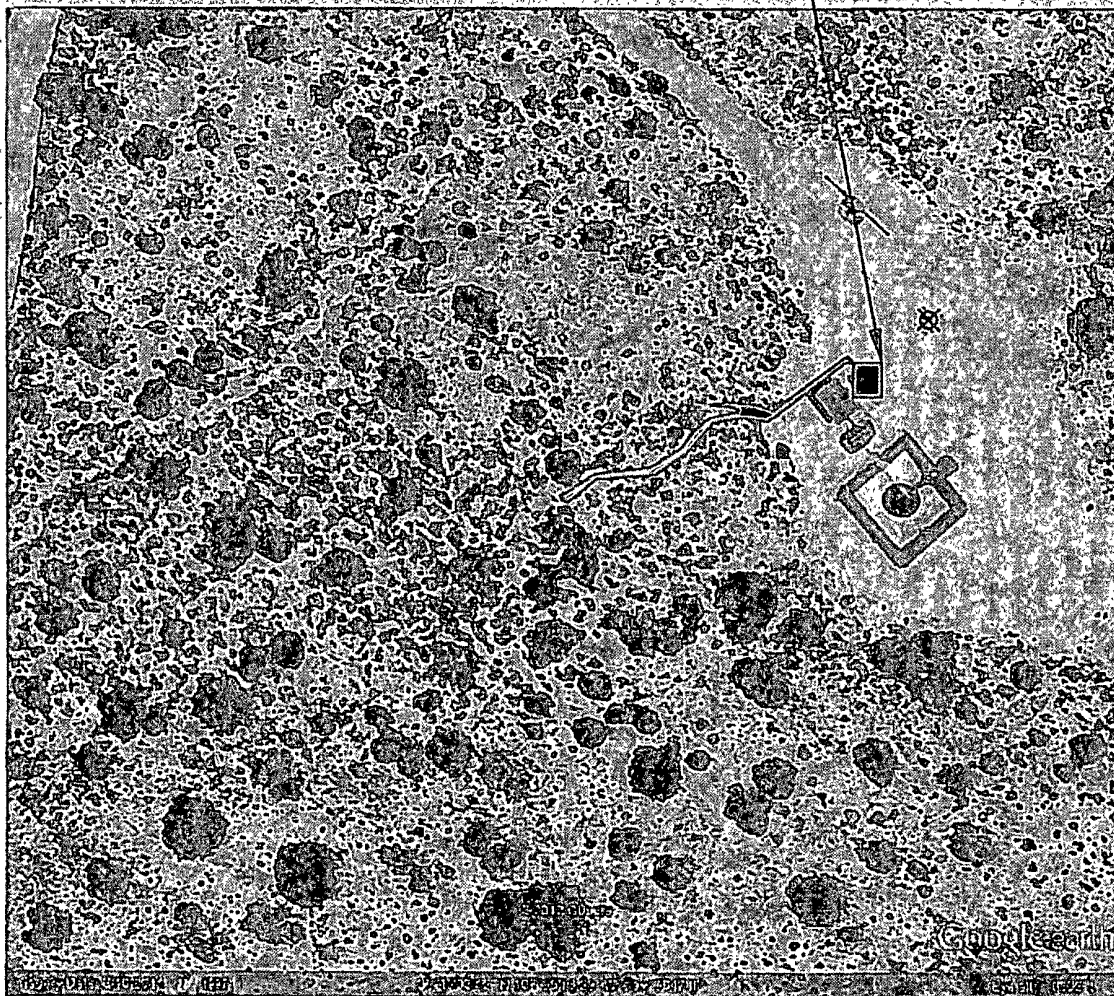
PROJECT No 92115-2248

Date Drawn: 8-20-12

DRAWN BY:
 Brian Williamson

PROJECT MANAGER:
 Greg Crabtree

150 GALLON
LUBE OIL DAY
TANK
BERM AREA



SPILL PATH - 12 INCHES WIDE
50 FEET TRAVEL ON LOCATION
80 FEET TRAVEL OFF LOCATION

⊗ WELLHEAD - 36.75231991, -107.9225049

SITE MAP CONOCOPHILLIPS

GRENIER B#2

LUBE OIL SPILL PATH

SAN JUAN COUNTY, NEW MEXICO

SCALE: NTS

PROJECT N092215-2248

FIGURE NO. 2

REV

REVISIONS

NO.	DATE	BY	DESCRIPTION
MAP DRWN	BWW	8-13-12	BASE DRWN



5796 U.S. HIGHWAY 64, FARMINGTON, NM 87401 505-632-0615



Report Summary

Client: COPC

Chain of Custody Number: 14254

Samples Received: 08-13-12

Job Number: 92115-2248

Sample Number(s): 62927-62928

Project Name/Location: Grenier B2

Entire Report Reviewed By:

A handwritten signature in black ink, appearing to be 'J. B. O.', written over a horizontal line.

Date:

8/17/12

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.



**EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons**

Client:	ConocoPhillips	Project #:	92115-2248
Sample ID:	On Location Path Comp	Date Reported:	08-16-12
Laboratory Number:	62927	Date Sampled:	08-12-12
Chain of Custody No:	14254	Date Received:	08-13-12
Sample Matrix:	Soil	Date Extracted:	08-14-12
Preservative:	Cool	Date Analyzed:	08-15-12
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	5.3	0.1
Total Petroleum Hydrocarbons	5.3	

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Grenier B2**



**EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons**

Client:	ConocoPhillips	Project #:	92115-2248
Sample ID:	Off Location Path Comp	Date Reported:	08-16-12
Laboratory Number:	62928	Date Sampled:	08-12-12
Chain of Custody No:	14254	Date Received:	08-13-12
Sample Matrix:	Soil	Date Extracted:	08-14-12
Preservative:	Cool	Date Analyzed:	08-15-12
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Grenier B2**



EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	0815TCAL QA/QC	Date Reported:	08-16-12
Laboratory Number:	62927	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-15-12
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept. Range
Gasoline Range C5 - C10	08-15-12	9.6289E+02	9.6327E+02	0.04%	0 - 15%
Diesel Range C10 - C28	08-15-12	9.9960E+02	1.0000E+03	0.04%	0 - 15%

Blank Conc. (mg/L - mg/Kg)	Concentration	Detection Limit
Gasoline Range C5 - C10	ND	0.2
Diesel Range C10 - C28	ND	0.1
Total Petroleum Hydrocarbons	ND	

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	ND	ND	0.0%	0 - 30%
Diesel Range C10 - C28	5.3	5.2	1.9%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	ND	250	220	87.9%	75 - 125%
Diesel Range C10 - C28	5.3	250	298	117%	75 - 125%

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Was.
 SW-846, USEPA, December 1996.

Comments: QA/QC for Samples 62896-62901, 62927-62928, 62933-62934 and 62937



EPA METHOD 8021
AROMATIC VOLATILE ORGANICS

Client:	ConocoPhillips	Project #:	92115-2248
Sample ID:	On Location Path Comp	Date Reported:	08-15-12
Laboratory Number:	62927	Date Sampled:	08-12-12
Chain of Custody:	14254	Date Received:	08-13-12
Sample Matrix:	Soil	Date Analyzed:	08-14-12
Preservative:	Cool	Date Extracted:	08-14-12
Condition:	Intact	Analysis Requested:	BTEX
		Dilution:	50

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	10.0
Toluene	ND	10.0
Ethylbenzene	ND	10.0
p,m-Xylene	ND	10.0
o-Xylene	ND	10.0
Total BTEX	ND	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	86.1 %
	1,4-difluorobenzene	96.2 %
	Bromochlorobenzene	84.3 %

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Grenier B2



**EPA METHOD 8021
AROMATIC VOLATILE ORGANICS**

Client:	ConocoPhillips	Project #:	92115-2248
Sample ID:	Off Location Path Comp	Date Reported:	08-15-12
Laboratory Number:	62928	Date Sampled:	08-12-12
Chain of Custody:	14254	Date Received:	08-13-12
Sample Matrix:	Soil	Date Analyzed:	08-14-12
Preservative:	Cool	Date Extracted:	08-14-12
Condition:	Intact	Analysis Requested:	BTEX
		Dilution:	50

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	10.0
Toluene	ND	10.0
Ethylbenzene	ND	10.0
p,m-Xylene	ND	10.0
o-Xylene	ND	10.0
Total BTEX	ND	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	84.4 %
	1,4-difluorobenzene	94.6 %
	Bromochlorobenzene	86.7 %

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Grenier B2



**EPA METHOD 8021
AROMATIC VOLATILE ORGANICS**

Client:	N/A	Project #:	N/A
Sample ID:	0814BCAL QA/QC	Date Reported:	08-15-12
Laboratory Number:	62896	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	08-14-12
Condition:	N/A	Analysis:	BTEX
		Dilution:	50

Calibration and Detection Limits (ug/L)	I-Cal RF	C-Cal RF	%Diff	Blank Conc	Detect: Limit
	Accept Range 0-15%				
Benzene	7.3179E-06	7.3179E-06	0.000	ND	0.2
Toluene	6.4792E-06	6.4792E-06	0.000	ND	0.2
Ethylbenzene	7.0634E-06	7.0634E-06	0.000	ND	0.2
p,m-Xylene	5.1175E-06	5.1175E-06	0.000	ND	0.2
o-Xylene	7.3712E-06	7.3712E-06	0.000	ND	0.2

Duplicate Conc: (ug/Kg)	Sample	Duplicate	%Diff	Accept Range	Detect: Limit
Benzene	ND	ND	0.00	0 - 30%	10
Toluene	ND	ND	0.00	0 - 30%	10
Ethylbenzene	ND	ND	0.00	0 - 30%	10
p,m-Xylene	ND	ND	0.00	0 - 30%	10
o-Xylene	ND	ND	0.00	0 - 30%	10

Spike Conc: (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	ND	2500	2430	97.2	39 - 150
Toluene	ND	2500	2420	96.8	46 - 148
Ethylbenzene	ND	2500	2450	98.0	32 - 160
p,m-Xylene	ND	5000	4850	97.0	46 - 148
o-Xylene	ND	2500	2420	96.8	46 - 148

ND - Parameter not detected at the stated detection limit.

Dilution: Spike and spiked sample concentration represent a dilution proportional to sample dilution.

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photolization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: QA/QC for Samples 62864, 62901, 62896-62900 and 62927-62928



Bill of Lading

MANIFEST #

41884

DATE 8/12/12

JOB # 215-2250

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

[illegible]

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

TRANSPORTER CO.

E-TechH

NAME

July 20/20

SIGNATURE

COMPANY CONTACT

Barian

PHONIC

505-947-3433

DATE _____

8-12-67

Signatures required prior to distribution of the legal document.

White - Company Records, Yellow - Billing, Pink - Customer

van der Woude 878-129



MANIFEST

41891

DATE 8/13/12

JOB #

B# 92115-2254

[illegible]

"I certify the material hauled from the above location has not been added to or mixed with, and is the same material received from the above mentioned Generator, and that no additional materials have been added."

TRANSPORTER CO. E Tech

NAME Jeff Walker

SIGNATURE

COMPANY CONTACT

PHONE

DATE 8-13-12

Signatures required prior to distribution of the legal document.

White - Company Records, Yellow - Billing, Pink - Customer

Analytical ReportLab Order **1208956**

Date Reported:

Hall Environmental Analysis Laboratory, Inc.**CLIENT:** Animas Environmental Services**Client Sample ID:** SB-5**Project:** CoP SJ 30-6 CTB #3**Collection Date:** 8/20/2012 2:49:00 PM**Lab ID:** 1208956-001**Matrix:** MEOH (SOIL)**Received Date:** 8/22/2012 10:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: JMP
Diesel Range Organics (DRO)	110	98		mg/Kg	10	8/22/2012 10:58:53 AM
Surr. DNOP	0	77.6-140	S	%REC	10	8/22/2012 10:58:53 AM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	8/22/2012 12:19:43 PM
Surr. BFB	122	84-116	S	%REC	1	8/22/2012 12:19:43 PM

Qualifiers: */X Value exceeds Maximum Contaminant Level.

E Value above quantitation range

J Analyte detected below quantitation limits

R RPD outside accepted recovery limits

S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

RL Reporting Detection Limit

U Samples with CalcVal < MDL

PRELIMINARY