



RECEIVED

By JKeyes at 8:04 am, Oct 01, 2015

APPROVED

By JKeyes at 8:04 am, Oct 01, 2015

Stipulations:

1. Discreet samples only
2. Ensure BLM concurrence/approval.

CONOCOPHILLIPS

P.O. Box 2197
Houston, TX 77252-2197
Phone 281.293.1000

Meyer B-31 #006
(1RP-3484)

Corrective Action Plan

API No. 30-025-35143

Release Date: December 29th, 2014

Unit Letter C, Section 31, Township 20S, Range 38E



PO Box 2948 | Hobbs, NM 88241 | Phone 575.393.2967

September 30, 2015

Kelly Jones

Environmental Specialist – New Mexico Oil Conservation Division
Energy, Minerals and Natural Resources Department
1625 N. French Dr.
Hobbs, NM 88240

**RE: Corrective Action Plan
ConocoPhillips Meyer B-31 #006 (1RP-3484)
UL/C sec. 31 T20S R38E
API No. 30-025-35143**

Ms. Jones:

ConocoPhillips (CoP) has retained Basin Environmental Service Technologies to address potential environmental concerns at the above-referenced site.

Background and Previous Work

The site is located approximately 7.6 miles southwest of Monument, New Mexico at UL/C sec. 31 T20S R38E. NM OSE, BLM and Basin installed monitor well records indicate that groundwater will likely be encountered at a depth of approximately 75 +/- feet.

On December 29th, 2014, CoP discovered a release from a circulating line that had frozen and split. A total of 5.5 barrels of oil were released over 319 sq ft of lease pad. A total of 2 barrels of this fluid was recovered. A temporary clamp was installed and the valves shut off. BLM and NMOCD were notified of the release on December 31st, 2014, and an initial C-141 was submitted to both parties. NMOCD approved the initial C-141 January 7th, 2015 (Appendix A).

Basin personnel were on site to assess the release on January 5th, 2015. The release was mapped and photographed (Figure 1). On August 18th, 2015, samples were taken at the surface and with depth and representative samples were sent to a commercial laboratory for analysis (Appendix C). Laboratory analysis of Point 1 at the surface and at 6 inches bgs returned chloride, Gasoline Range Organics (GRO), Diesel Range Organics (DRO) and BTEX values of non-detect. Laboratory analysis of Point 2 at the surface returned a chloride value of 32 mg/kg, a GRO value of 125 mg/kg, a DRO value of 17,800 mg/kg and BTEX values of non-detect. At 6 inches bgs, Point 2 returned chloride, GRO, and BTEX levels of non-detect and a DRO value of 49.1 mg/kg. Based on the assessment, the release will be scraped down 6 inches bgs. Once the scrape is completed, discreet samples from the bottom of the scrape will be taken and field tested for chlorides and organic vapors. If the field data from Point 2 indicates that the samples will not

achieve chloride, Gasoline Range Organics (GRO), Diesel Range Organics (DRO) and BTEX readings below regulatory standards, the scrape will be deepened until field testing indicates that all constituents from the bottom composite will return values below regulatory standards. The bottom composite will then be taken to a commercial laboratory to confirm that chloride, GRO, DRO and BTEX readings are below regulatory standards.

All excavated soils will be taken to a NMOCD approved facility for disposal. Clean soil will be imported to the site to serve as backfill. A sample of the backfill soil will be taken to a commercial laboratory to confirm that the chloride reading is below regulatory standards. The scrape will be backfilled with clean, imported caliche and contoured to the surrounding location.

Once these activities have been completed, a report will be sent to NMOCD and BLM requesting 'remediation termination' and site closure.

Basin appreciates the opportunity to work with you on this project. Please contact me if you have any questions or wish to discuss the site.

Sincerely,

A handwritten signature in black ink that reads "Kyle Norman" followed by a horizontal line.

Kyle Norman
Project Lead
Basin Environmental Service Technologies
(575) 942-8542

Attachments:

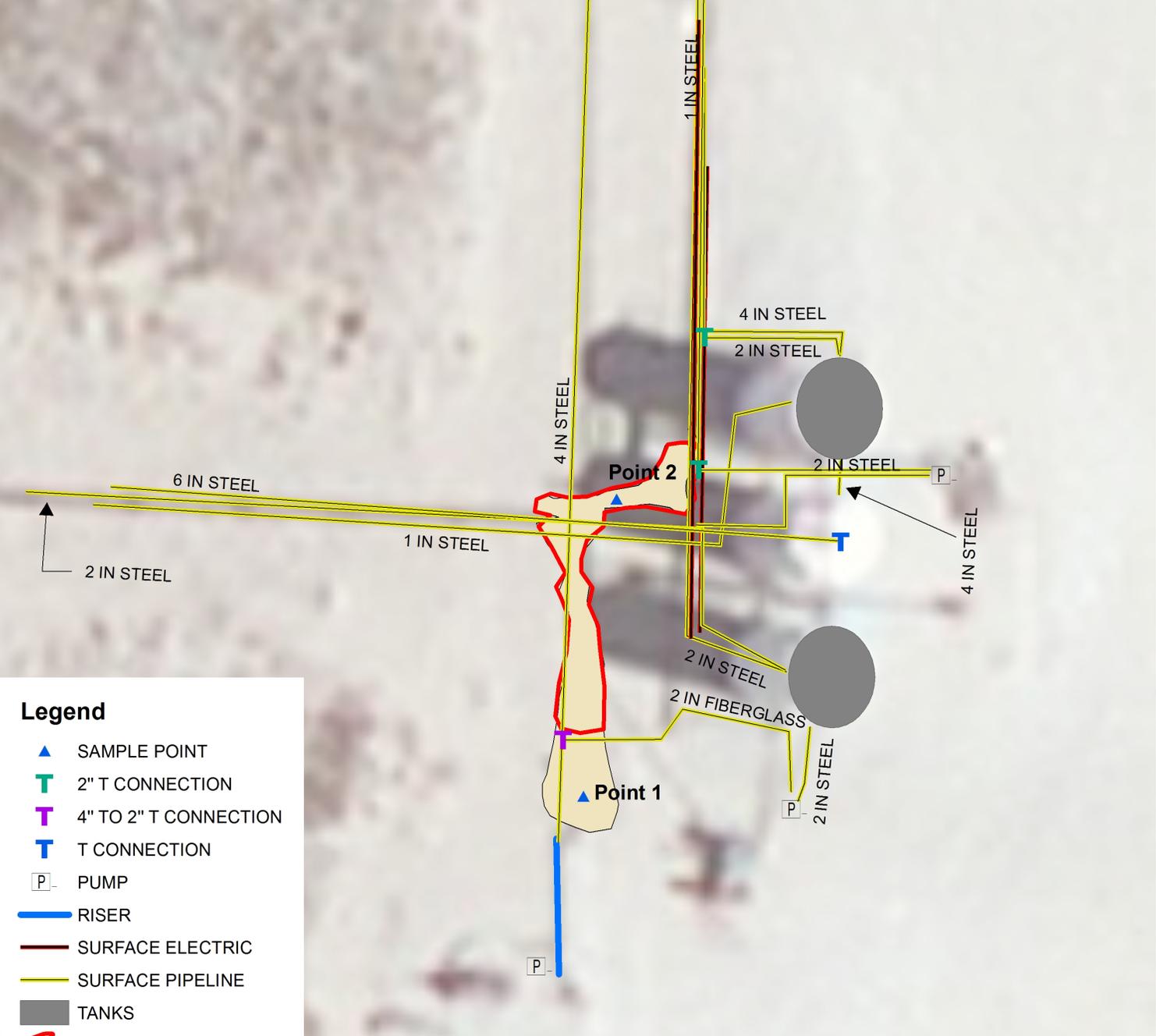
- Figure 1 – Site Map
- Appendix A – Initial C-141
- Appendix B – Laboratory Analysis
- Appendix C – Photo Documentation

Figures

Basin Environmental Service Technologies, LLC
P.O. Box 2948, Hobbs, NM 88241
Phone 575.393.2967

Initial Sampling

Point 1										Point 2									
CI-	PID	GRO	DRO	B	T	E	X	BTEX		CI-	PID	GRO	DRO	B	T	E	X	BTEX	
SS	<16	393	<10	<10	<0.05	<0.05	<0.05	<0.15	<0.3	SS	32	490	125	17800	<0.05	<0.05	0.218	1.34	1.56
6"	<16	399	<10	<10	<0.05	<0.05	<0.05	<0.15	<0.3	6"	<16	517	<10	49.1	<0.05	<0.05	<0.05	<0.15	<0.3



Legend

- ▲ SAMPLE POINT
- T 2" T CONNECTION
- T 4" TO 2" T CONNECTION
- T T CONNECTION
- P PUMP
- RISER
- SURFACE ELECTRIC
- SURFACE PIPELINE
- TANKS
- ▭ PROPOSED 6" SCRAPE
- ▭ STAIN

DGW: 75 FT
Landowner: BLM

Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community



CONOCOPHILLIPS
MEYER B-31 #006

LEGALS: UL/ C SEC. 31
T-20-S R-38-E
LEA COUNTY, NM
NMOCD CASE # 1RP-3484

Figure 1

0 10 20
[Scale Bar] Feet

GPS date: 1/5/15 CF
Drawing date: 9/2/15
Drafted by: C. Ursanic

Appendix A

Intial C-141

Basin Environmental Service Technologies, LLC
P.O. Box 2948 Hobbs, NM 88241
Phone 575.393.2967

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

HOBBS OGD 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.

JAN 07 2015

RECEIVED

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

Name of Company: ConocoPhillips	Contact: Spencer Cluff
Address: 1410 N West Country Road	Telephone No. 575-746-7248
Facility Name: Meyer B-31 #006	Facility Type: Well

Surface Owner: NMOCD	Mineral Owner: BLM	API No. 30-025-35143
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LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
C	31	20S	38E	990	North	1980	West	LEA

Latitude 32.5340512374022,- Longitude 103.189949326107

NATURE OF RELEASE

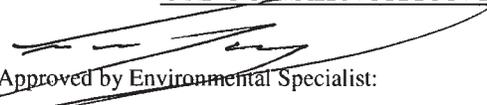
Type of Release: Spill	Volume of Release: 6.27 BBLS	Volume Recovered: 0 BBLS
Source of Release: Flow Line	Date and Hour of Occurrence 12/29/2014 7:00 am	Date and Hour of Discovery 12/29/2014 12:00 pm
Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Tomas Oberding Solomon Hughes	
By Whom? Spencer Cluff	Date and Hour: 12/31/2014 11:00 am	
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.*

Describe Cause of Problem and Remedial Action Taken.*
On Monday, December 29, 2014 at 1200 hrs. MST an agency reportable spill occurred at the Myers B-31 when a circulating line froze and split. Spill area covered 42 ft X 90 ft and 1" deep, totaling 5.5 BO with 2 BO recovered. MSO notified Supervisor, installed a temporary clamp, and shut the valves to stop the leak. A work order has been submitted to remediate the area and repair the line. The spill will be remediated according to NMOCD guidelines. This is not a PSE.

Describe Area Affected and Cleanup Action Taken.*
MSO notified Supervisor, installed a temporary clamp, and shut the valves to stop the leak. A work order has been submitted to remediate the area and repair the line. The spill will be remediated according to NMOCD guidelines. This is not a PSE.

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: <i>Spencer A. Cluff</i>		 Approved by Environmental Specialist:	
Printed Name: Spencer A. Cluff			
Title: LEAD HSE	Approval Date: 1-7-15	Expiration Date: 3-7-15	
E-mail Address: spencer.a.cluff@conocophillips.com	Conditions of Approval: <i>5.170 Spill report. Release circulate over NMOCD guid Site has C-141 by 3-7-15</i>		Attached <input type="checkbox"/>
Date: 12/31/2014	Phone: 575-746-7248	1AP-3484	

* Attach Additional Sheets If Necessary

JAN 08 2015

217817
701500735303
701500735485

Appendix B

Laboratory Analysis

Basin Environmental Service Technologies, LLC
P.O. Box 2948 Hobbs, NM 88241
Phone 575.393.2967



August 27, 2015

KYLE NORMAN

BASIN ENVIRONMENTAL - HOBBS

419 W. CAIN

HOBBS, NM 88240

RE: MEYER B31 #006

Enclosed are the results of analyses for samples received by the laboratory on 08/21/15 10:03.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, flowing "C" at the beginning.

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

 BASIN ENVIRONMENTAL - HOBBS
 KYLE NORMAN
 419 W. CAIN
 HOBBS NM, 88240
 Fax To: (575) 393-0293

Received:	08/21/2015	Sampling Date:	08/18/2015
Reported:	08/27/2015	Sampling Type:	Soil
Project Name:	MEYER B31 #006	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Judy Garcia
Project Location:	NONE GIVEN		

Sample ID: POINT 1 SURFACE (H502208-01)

BTEX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2015	ND	2.04	102	2.00	1.23	
Toluene*	<0.050	0.050	08/25/2015	ND	1.92	96.0	2.00	0.582	
Ethylbenzene*	<0.050	0.050	08/25/2015	ND	2.02	101	2.00	0.721	
Total Xylenes*	<0.150	0.150	08/25/2015	ND	5.80	96.6	6.00	0.437	
Total BTEX	<0.300	0.300	08/25/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 85.6-137

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/24/2015	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/24/2015	ND	191	95.4	200	0.499	
DRO >C10-C28	<10.0	10.0	08/24/2015	ND	196	98.0	200	3.17	

Surrogate: 1-Chlorooctane 75.6 % 47.2-157

Surrogate: 1-Chlorooctadecane 70.0 % 52.1-176

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 BASIN ENVIRONMENTAL - HOBBS
 KYLE NORMAN
 419 W. CAIN
 HOBBS NM, 88240
 Fax To: (575) 393-0293

Received:	08/21/2015	Sampling Date:	08/18/2015
Reported:	08/27/2015	Sampling Type:	Soil
Project Name:	MEYER B31 #006	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Judy Garcia
Project Location:	NONE GIVEN		

Sample ID: POINT 1 @ 6" (H502208-02)

BTEX 8021B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/25/2015	ND	2.04	102	2.00	1.23		
Toluene*	<0.050	0.050	08/25/2015	ND	1.92	96.0	2.00	0.582		
Ethylbenzene*	<0.050	0.050	08/25/2015	ND	2.02	101	2.00	0.721		
Total Xylenes*	<0.150	0.150	08/25/2015	ND	5.80	96.6	6.00	0.437		
Total BTEX	<0.300	0.300	08/25/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 85.6-137

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/24/2015	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	08/24/2015	ND	191	95.4	200	0.499		
DRO >C10-C28	<10.0	10.0	08/24/2015	ND	196	98.0	200	3.17		

Surrogate: 1-Chlorooctane 73.6 % 47.2-157

Surrogate: 1-Chlorooctadecane 72.4 % 52.1-176

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

BASIN ENVIRONMENTAL - HOBBS
 KYLE NORMAN
 419 W. CAIN
 HOBBS NM, 88240
 Fax To: (575) 393-0293

Received:	08/21/2015	Sampling Date:	08/18/2015
Reported:	08/27/2015	Sampling Type:	Soil
Project Name:	MEYER B31 #006	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Judy Garcia
Project Location:	NONE GIVEN		

Sample ID: POINT 2 SURFACE (H502208-03)

BTEX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2015	ND	2.04	102	2.00	1.23	
Toluene*	<0.050	0.050	08/25/2015	ND	1.92	96.0	2.00	0.582	
Ethylbenzene*	0.218	0.050	08/25/2015	ND	2.02	101	2.00	0.721	
Total Xylenes*	1.34	0.150	08/25/2015	ND	5.80	96.6	6.00	0.437	
Total BTEX	1.56	0.300	08/25/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 86.7 % 85.6-137

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/24/2015	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	125	50.0	08/24/2015	ND	191	95.4	200	0.499		
DRO >C10-C28	17800	50.0	08/24/2015	ND	196	98.0	200	3.17		

Surrogate: 1-Chlorooctane 106 % 47.2-157

Surrogate: 1-Chlorooctadecane 392 % 52.1-176

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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 BASIN ENVIRONMENTAL - HOBBS
 KYLE NORMAN
 419 W. CAIN
 HOBBS NM, 88240
 Fax To: (575) 393-0293

Received:	08/21/2015	Sampling Date:	08/18/2015
Reported:	08/27/2015	Sampling Type:	Soil
Project Name:	MEYER B31 #006	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Judy Garcia
Project Location:	NONE GIVEN		

Sample ID: POINT 2 @ 6" (H502208-04)

BTEX 8021B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/25/2015	ND	2.04	102	2.00	1.23		
Toluene*	<0.050	0.050	08/25/2015	ND	1.92	96.0	2.00	0.582		
Ethylbenzene*	<0.050	0.050	08/25/2015	ND	2.02	101	2.00	0.721		
Total Xylenes*	<0.150	0.150	08/25/2015	ND	5.80	96.6	6.00	0.437		
Total BTEX	<0.300	0.300	08/25/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 85.6-137

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/24/2015	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	08/24/2015	ND	191	95.4	200	0.499		
DRO >C10-C28	49.1	10.0	08/24/2015	ND	196	98.0	200	3.17		

Surrogate: 1-Chlorooctane 89.3 % 47.2-157

Surrogate: 1-Chlorooctadecane 80.7 % 52.1-176

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report



Celey D. Keene, Lab Director/Quality Manager

Appendix C

Photo Documentation

Basin Environmental Service Technologies, LLC
P.O. Box 2948 Hobbs, NM 88241
Phone 575.393.2967

ConocoPhillips Meyer B-31 #006

Unit Letter C, Section 31, T20S, R38E



Initial release area, facing southwest

1/6/15



Initial release area, facing north

1/6/15



Initial release area, facing southeast

1/6/15