

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	Oxy Permian Ltd.	Contact	Chancey Summers
Address	1017 W. Stanolind Rd, Hobbs, NM 88240	Telephone No.	(575) 397-8216
Facility Name	State CL #4 CTB	Facility Type	Gathering
Surface Owner	Mineral Owner	API No.30-025-01576(nearest well)	

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	2	18S	33E					Lea County, NM

Latitude N 32.78270° Longitude W 103.63578°

**NATURE OF RELEASE**

Type of Release	Oil and produced water	Volume of Release	3 bbls oil and 4 bbls produced water	Volume Recovered	0 bbls
Source of Release	Frozen valves on a heater treater	Date and Hour of Occurrence	01/24/2014	Date and Hour of Discovery	
Was Immediate Notice Given?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	Geoffrey Leking- NMOCD		
By Whom?	Kathy Purvis	Date and Hour	01/23/14 @ 9:55 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.\*

Frozen valves on a heater treater caused 3 bbls of oil and 4 bbls of produced water to leak onto the ground. No fluids were recovered and the valves were repaired or replaced.

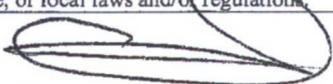
Describe Area Affected and Cleanup Action Taken.\*

The affected area is approximately 10' x 10' on location with about 20 feet of overspray off of location. Remediation will be completed in accordance with a remediation plan approved by NMOCD .

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:



Printed Name: Chancey Summers

Approved by Environmental Specialist:

Title: HES Specialist

Approval Date:

Expiration Date:

E-mail Address: Chancey.Summers@oxy.com

Conditions of Approval:

Attached

Date: 1-30-14 Phone: (575) 397-8216

\* Attach Additional Sheets If Necessary

Oxy  
MAR 08 2014

State CL #4 CTB

RECEIVED



Location

Leak Area  
50' x 54'

Overspray

SP2

Stake

SP1

Road

Road

Firewall

Tanks

U/L C, Section 2, T18s, R33E  
Lea County, NM

GPS at stake: N 32.78265° W 103.63556°

BBC International, Inc.

Oxy

State CL #4 CTB

Date: 02/05/2014 DRWG by: K. Purvis

NOT TO SCALE File: Oxy 2014



# Groundwater Plot

## Oxy State CL #4 CTB

County  
Lea

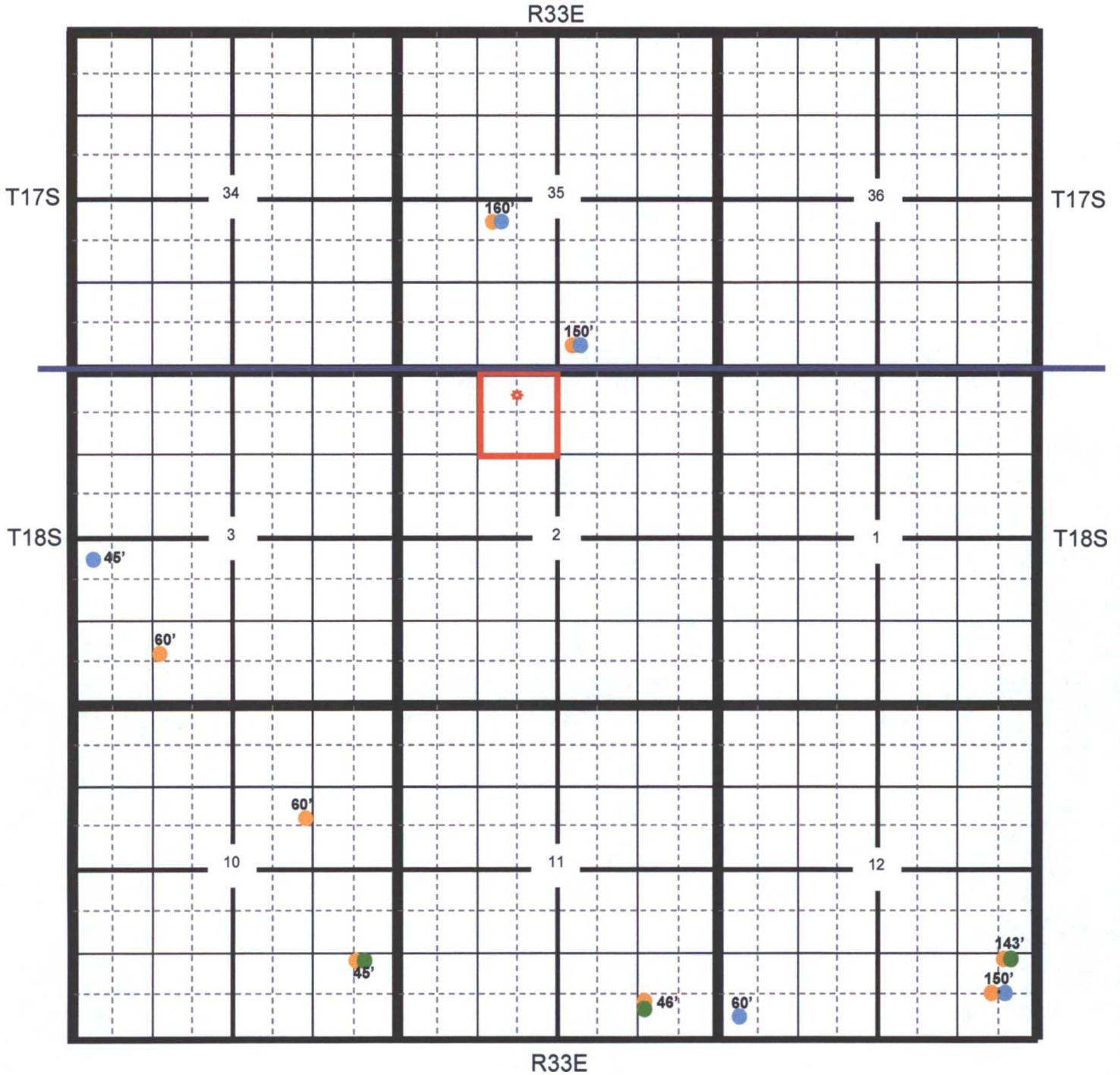
Unit Letter  
C

Section  
2

Township  
18S

Range  
33E

Trend Map 150' actually approximately 125'. GSR 3/10/14



Location      OCD      USGS      SEO      All Databases



Section Quarters

Oxy State CL #4 CTB

<b>County</b> Lea	<b>Unit Letter</b> C	<b>Section</b> 2	<b>Township</b> 18S	<b>Range</b> 33E
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Trend Map 150' actually approximately 125'. SRL 3110114

1

2

NW/NW <b>None found</b>	NE/NW *	NW/NE	NE/NE
Unit Letter D	Unit Letter C	Unit Letter B	Unit Letter A
SW/NW	SE/NW	SW/NE	SE/NE
Unit Letter E	Unit Letter F	Unit Letter G	Unit Letter H
NW/SW	NE/SW	NW/SE	NE/SE
Unit Letter L	Unit Letter K	Unit Letter J	Unit Letter I
SW/SW	SE/SW	SW/SE	SE/SE
Unit Letter M	Unit Letter N	Unit Letter O	Unit Letter P

3

4

\* Location     
 ● OCD     
 ● USGS     
 ● SEO     
 ● All Databases

Laboratory Analytical Results Summary  
State CL #4

Analyte	Method	Sample Date	SP1 @ 1'	SP1 @ 2'	SP1 @ 3'	SP1 @ 4'
			2/10/14 mg/Kg	2/10/14 mg/Kg	2/10/14 mg/Kg	2/10/14 mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	0.131	0.131	0.131
Ethylbenzene	BTEX 8021B		0.142	0.183	0.183	0.183
Total Xylenes	BTEX 8021B		1.43	1.21	1.21	1.21
Total BTEX	BTEX 8021B		1.58	1.53	1.53	1.53
Chloride	SM4500Cl-B		272	176	176	176
GRO	TPH 8015M		44.4	10.2	10.2	10.2
DRO	TPH 8015M		1760	623	623	623

Analyte	Method	Sample Date	SP2 @ 1'	SP2 @ 2'
			2/10/14 mg/Kg	2/10/14 mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050
Toluene	BTEX 8021B		0.136	0.065
Ethylbenzene	BTEX 8021B		0.251	0.063
Total Xylenes	BTEX 8021B		2.06	0.444
Total BTEX	BTEX 8021B		2.45	0.562
Chloride	SM4500Cl-B		192	192
GRO	TPH 8015M		28.2	<10.0
DRO	TPH 8015M		1140	566

February 14, 2014

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: ST CL

Enclosed are the results of analyses for samples received by the laboratory on 02/10/14 15:07.

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](http://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,



Celey D. Keene

Lab Director/Quality Manager

**Analytical Results For:**

 BBC International, Inc.  
 Cliff Brunson  
 P.O. Box 805  
 Hobbs NM, 88241  
 Fax To: (575) 397-0397

Received:	02/10/2014	Sampling Date:	02/10/2014
Reported:	02/14/2014	Sampling Type:	Soil
Project Name:	ST CL	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 1 @ 1' (H400406-01)**

BTEX 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>0.841</b>	0.050	02/13/2014	ND	2.11	106	2.00	4.06	
<b>Toluene*</b>	<b>1.24</b>	0.050	02/13/2014	ND	2.10	105	2.00	2.73	
<b>Ethylbenzene*</b>	<b>1.42</b>	0.050	02/13/2014	ND	2.09	105	2.00	2.69	
<b>Total Xylenes*</b>	<b>3.02</b>	0.150	02/13/2014	ND	6.07	101	6.00	1.95	
<b>Total BTEX</b>	<b>6.52</b>	0.300	02/13/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 332 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>1100</b>	16.0	02/13/2014	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10</b>	<b>26.0</b>	10.0	02/11/2014	ND	194	96.9	200	0.635	
<b>DRO &gt;C10-C28</b>	<b>613</b>	10.0	02/11/2014	ND	188	94.2	200	1.47	

Surrogate: 1-Chlorooctane 99.8 % 65.2-140

Surrogate: 1-Chlorooctadecane 118 % 63.6-154

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 BBC International, Inc.  
 Cliff Brunson  
 P.O. Box 805  
 Hobbs NM, 88241  
 Fax To: (575) 397-0397

Received:	02/10/2014	Sampling Date:	02/10/2014
Reported:	02/14/2014	Sampling Type:	Soil
Project Name:	ST CL	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 1 @ 2' (H400406-02)**

BTEX 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>0.252</b>	0.050	02/13/2014	ND	2.11	106	2.00	4.06	
<b>Toluene*</b>	<b>0.672</b>	0.050	02/13/2014	ND	2.10	105	2.00	2.73	
<b>Ethylbenzene*</b>	<b>0.876</b>	0.050	02/13/2014	ND	2.09	105	2.00	2.69	
<b>Total Xylenes*</b>	<b>1.29</b>	0.150	02/13/2014	ND	6.07	101	6.00	1.95	
<b>Total BTEX</b>	<b>3.09</b>	0.300	02/13/2014	ND					

Surrogate: 4-Bromofluorobenzene (PII) 89.2 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>1180</b>	16.0	02/13/2014	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10</b>	<b>19.9</b>	10.0	02/11/2014	ND	194	96.9	200	0.635	
<b>DRO &gt;C10-C28</b>	<b>436</b>	10.0	02/11/2014	ND	188	94.2	200	1.47	

Surrogate: 1-Chlorooctane 90.5 % 65.2-140

Surrogate: 1-Chlorooctadecane 104 % 63.6-154

Cardinal Laboratories

\*=Accredited Analyte

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 Cliff Brunson  
 P.O. Box 805  
 Hobbs NM, 88241  
 Fax To: (575) 397-0397

Received:	02/10/2014	Sampling Date:	02/10/2014
Reported:	02/14/2014	Sampling Type:	Soil
Project Name:	ST CL	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 1 @ 3' (H400406-03)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/13/2014	ND	2.11	106	2.00	4.06	
Toluene*	<0.050	0.050	02/13/2014	ND	2.10	105	2.00	2.73	
<b>Ethylbenzene*</b>	<b>0.137</b>	0.050	02/13/2014	ND	2.09	105	2.00	2.69	
Total Xylenes*	<0.150	0.150	02/13/2014	ND	6.07	101	6.00	1.95	
Total BTEX	<0.300	0.300	02/13/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 119 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>2080</b>	16.0	02/14/2014	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	02/12/2014	ND	194	96.9	200	0.635	
<b>DRO &gt;C10-C28</b>	<b>544</b>	10.0	02/12/2014	ND	188	94.2	200	1.47	

Surrogate: 1-Chlorooctane 88.5 % 65.2-140

Surrogate: 1-Chlorooctadecane 115 % 63.6-154

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 Cliff Brunson  
 P.O. Box 805  
 Hobbs NM, 88241  
 Fax To: (575) 397-0397

Received:	02/10/2014	Sampling Date:	02/10/2014
Reported:	02/14/2014	Sampling Type:	Soil
Project Name:	ST CL	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 1 @ 4' (H400406-04)**

BTEX 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/13/2014	ND	2.11	106	2.00	4.06	
Toluene*	<b>0.301</b>	0.050	02/13/2014	ND	2.10	105	2.00	2.73	
Ethylbenzene*	<b>0.553</b>	0.050	02/13/2014	ND	2.09	105	2.00	2.69	
Total Xylenes*	<b>1.12</b>	0.150	02/13/2014	ND	6.07	101	6.00	1.95	
Total BTEX	<b>1.97</b>	0.300	02/13/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 131 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<b>2160</b>	16.0	02/14/2014	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<b>74.3</b>	10.0	02/11/2014	ND	194	96.9	200	0.635	
DRO >C10-C28	<b>530</b>	10.0	02/11/2014	ND	188	94.2	200	1.47	

Surrogate: 1-Chlorooctane 101 % 65.2-140

Surrogate: 1-Chlorooctadecane 97.8 % 63.6-154

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 Fax To: (575) 397-0397

Received:	02/10/2014	Sampling Date:	02/10/2014
Reported:	02/14/2014	Sampling Type:	Soil
Project Name:	ST CL	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 2 @ 1' (H400406-05)**

BTEX 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>0.323</b>	0.050	02/13/2014	ND	2.11	106	2.00	4.06	
<b>Toluene*</b>	<b>6.40</b>	0.050	02/13/2014	ND	2.10	105	2.00	2.73	
<b>Ethylbenzene*</b>	<b>3.25</b>	0.050	02/13/2014	ND	2.09	105	2.00	2.69	
<b>Total Xylenes*</b>	<b>5.45</b>	0.150	02/13/2014	ND	6.07	101	6.00	1.95	
<b>Total BTEX</b>	<b>15.4</b>	0.300	02/13/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 139 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>80.0</b>	16.0	02/14/2014	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10</b>	<b>84.4</b>	10.0	02/11/2014	ND	180	90.0	200	12.6	
<b>DRO &gt;C10-C28</b>	<b>509</b>	10.0	02/11/2014	ND	174	87.0	200	7.24	

Surrogate: 1-Chlorooctane 103 % 65.2-140

Surrogate: 1-Chlorooctadecane 103 % 63.6-154

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 Cliff Brunson  
 P.O. Box 805  
 Hobbs NM, 88241  
 Fax To: (575) 397-0397

Received:	02/10/2014	Sampling Date:	02/10/2014
Reported:	02/14/2014	Sampling Type:	Soil
Project Name:	ST CL	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 2 @ 2' (H400406-06)**

BTEX 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>3.11</b>	0.100	02/13/2014	ND	2.11	106	2.00	4.06	
<b>Toluene*</b>	<b>3.31</b>	0.100	02/13/2014	ND	2.10	105	2.00	2.73	
<b>Ethylbenzene*</b>	<b>2.32</b>	0.100	02/13/2014	ND	2.09	105	2.00	2.69	
<b>Total Xylenes*</b>	<b>5.83</b>	0.300	02/13/2014	ND	6.07	101	6.00	1.95	
<b>Total BTEX</b>	<b>14.6</b>	0.600	02/13/2014	ND					

Surrogate: 4-Bromofluorobenzene (PII) 274 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>2560</b>	16.0	02/14/2014	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10</b>	<b>117</b>	10.0	02/11/2014	ND	180	90.0	200	12.6	
<b>DRO &gt;C10-C28</b>	<b>2320</b>	10.0	02/11/2014	ND	174	87.0	200	7.24	

Surrogate: 1-Chlorooctane 119 % 65.2-140

Surrogate: 1-Chlorooctadecane 131 % 63.6-154

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Notes and Definitions**

- S-04            The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- 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

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