



AE Order Number Banner

Report Description

This report shows an AE Order Number in Barcode format for purposes of scanning. The Barcode format is Code 39.



App Number: pKJ1605035047

1RP - 4188

OXY USA INC

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	Austin Trammell
Address	1017 W. Stanolind Rd, Hobbs, NM 88240	Telephone No.	(575) 397-8210
Facility Name	Monsanto State Battery	Facility Type	Gathering
Surface Owner	State	Mineral Owner	API No. n/a

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
N	16	25S	32E					Lea

Latitude N 32.12676° Longitude W 103.67994°

NATURE OF RELEASE

Type of Release	Oil and Produced water	Volume of Release	3 bbls oil, 12 bbls produced water	Volume Recovered	3 bbls oil, 10 bbls produced water
Source of Release	Overload tripped on water transfer pump causing tank overflow	Date and Hour of Occurrence	01/05/2014	Date and Hour of Discovery	
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	Geoffrey Leking-NMOCD		
By Whom?	Austin Trammell	Date and Hour	01/06/2014		
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.*

Overload on a water transfer pump caused the tanks to overflow and leak 3 bbls of oil and 12 bbls of produced water onto the ground. A vacuum truck recovered the oil and 10 bbls of the produced water and the pump was repaired.

Describe Area Affected and Cleanup Action Taken.*

The affected area is approximately 60' x 40' on location. Remediation will be completed in accordance with an approved remediation plan from 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.

Signature: 	Approv	APPROVED 2/19/16
Printed Name: Austin Trammell		
Title: HES Coordinator	Approv	
E-mail Address: Austin.Trammell@oxy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 1/9/14	Phone: (575) 397-8216	

* Attach Additional Sheets If Necessary

12P-4188



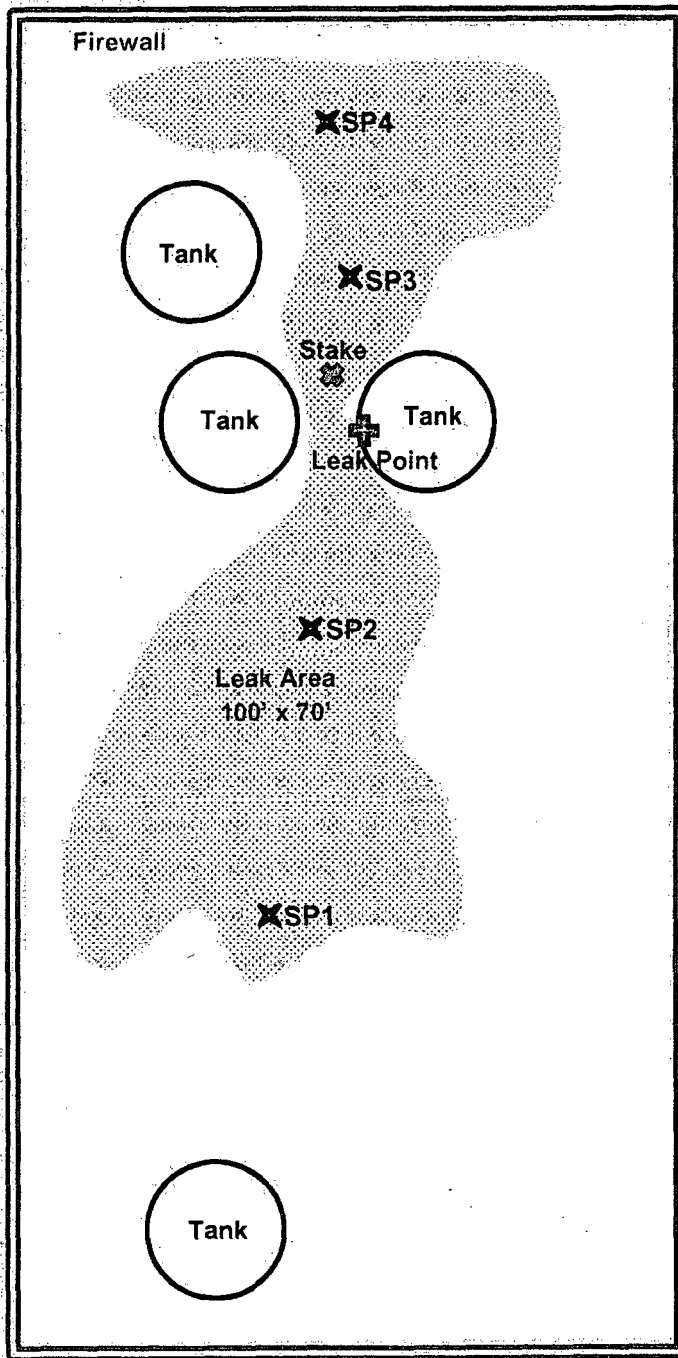
Oxy

Monsanto State Battery

HOBBS OCD

APR 05 2014

RECEIVED



approved
Jeffery Sekins
Environmental Specialist
NMOC - 01551
4/7/14

U/L N, Section 16, T25S, R32E
Lea County, NM
N 32.12676° W 103.67994° at stake

BBC International, Inc.	
Oxy	
Monsanto State Battery	
Date: 11/11/13	DRWG by: K. Purvis
NOT TO SCALE	File: Oxy 2013



Groundwater Plot

Oxy Monsanto State Battery

County
Lea

Unit Letter
N

Section
16

Township
25S

Range
32E

Trend Map 300'

R32E

None found

8

9

10

17

16

15

20

21

22

R32E

T25S

T25S

⊛ Location

● OCD

● USGS

⊛ SEO

● All Databases



Section Quarters


Oxy Monsanto State Battery

County Unit Letter Section Township Range
Lea N 16 25S 32E

Trend Map 300'

1

2

NW/NW None found	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
Monsanto State Battery**

Analyte	Method	Sample	SP1 @ 1'	SP1 @ 3'	SP1 @ 5'	SP1 @ 8'	SP1 @ 10'
		Date	1/22/14	1/22/14	1/22/14	1/22/14	1/22/14
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<2.00	<0.050	<0.050	<0.050	<0.100
Toluene	BTEX 8021B		25.5	0.316	<0.050	<0.050	0.200
Ethylbenzene	BTEX 8021B		21.5	0.523	<0.050	<0.050	1.38
Total Xylenes	BTEX 8021B		110	2.14	<0.150	<0.150	2.03
Total BTEX	BTEX 8021B		157	2.98	<0.300	<0.300	3.61
Chloride	SM4500Cl-B		7460	3160	688	432	176
GRO	TPH 8015M		3950	<100	<10.0	<10.0	169
DRO	TPH 8015M		19600	792	70.5	61.8	2910

Analyte	Method	Sample	SP2 @ 1'	SP2 @ 3'	SP2 @ 5'	SP2 @ 7'	SP2 @ 9'
		Date	1/22/14	1/22/14	1/22/14	3/12/14	3/12/14
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		1.19	<0.200	<0.500	<0.050	<0.050
Toluene	BTEX 8021B		14.3	0.531	0.696	<0.050	<0.050
Ethylbenzene	BTEX 8021B		12.4	3.70	5.14	<0.050	<0.050
Total Xylenes	BTEX 8021B		46.8	6.55	8.37	0.165	<0.150
Total BTEX	BTEX 8021B		74.7	10.8	14.2	<0.300	<0.300
Chloride	SM4500Cl-B		2000	304	128	n/a	n/a
GRO	TPH 8015M		1270	359	614	180	<10.0
DRO	TPH 8015M		6570	3190	5650	2350	<10.0

Analyte	Method	Sample	SP3 @ 1'	SP3 @ 2'	SP3 @ 3'	SP3 @ 5'	SP3 @ 7'
		Date	1/22/14	1/22/14	1/22/14	3/12/14	3/12/14
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.500	<1.00	<0.500	<0.050	<0.050
Toluene	BTEX 8021B		1.86	1.03	0.530	<0.050	<0.050
Ethylbenzene	BTEX 8021B		5.18	6.02	3.60	0.065	<0.050
Total Xylenes	BTEX 8021B		12.5	11.6	5.71	0.729	<0.150
Total BTEX	BTEX 8021B		19.5	18.6	9.84	0.793	<0.300
Chloride	SM4500Cl-B		1280	176	48	n/a	n/a
GRO	TPH 8015M		575	1070	467	693	<10.0
DRO	TPH 8015M		4850	7790	4660	5750	<10.0

Analyte	Method	Sample	SP4 @ 1'	SP4 @ 2'	SP4 @ 4'	SP4 @ 5'	SP4 @ 7'
		Date	1/22/14	1/22/14	1/22/14	3/13/14	3/13/14
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.500	<0.100	<0.050	n/a	n/a
Toluene	BTEX 8021B		0.956	0.499	0.065	n/a	n/a
Ethylbenzene	BTEX 8021B		2.31	2.03	0.353	n/a	n/a
Total Xylenes	BTEX 8021B		8.84	3.56	0.645	n/a	n/a
Total BTEX	BTEX 8021B		12.1	6.09	1.06	n/a	n/a
Chloride	SM4500Cl-B		4320	608	3080	3200	256
GRO	TPH 8015M		485	186	41.5	n/a	n/a
DRO	TPH 8015M		6620	4020	1830	n/a	n/a

January 31, 2014

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: MONSANTO BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 01/27/14 9:00.

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.

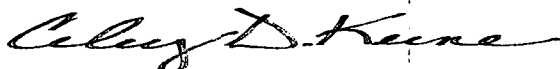
Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

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,



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:	01/27/2014	Sampling Date:	01/22/2014
Reported:	01/31/2014	Sampling Type:	Soil
Project Name:	MONSANTO BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	C-1		

Sample ID: SP 1 @ 1 FT (H400244-01)

BTEX 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<2.00	2.00	01/29/2014	ND	2.44	122	2.00	0.161	
Toluene*	25.5	2.00	01/29/2014	ND	2.37	119	2.00	0.245	
Ethylbenzene*	21.5	2.00	01/29/2014	ND	2.36	118	2.00	0.0847	
Total Xylenes*	110	6.00	01/29/2014	ND	6.86	114	6.00	0.152	
Total BTEX	157	12.0	01/29/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 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
Chloride	7460	16.0	01/29/2014	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ms				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	3950	100	01/27/2014	ND	203	101	200	1.95	
DRO >C10-C28	19600	100	01/27/2014	ND	195	97.4	200	1.09	

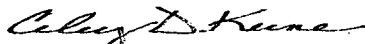
Surrogate: 1-Chlorooctane 226 % 65.2-140

Surrogate: 1-Chlorooctadecane 506 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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: 01/27/2014
Reported: 01/31/2014
Project Name: MONSANTO BATTERY
Project Number: NONE GIVEN
Project Location: C-1

Sampling Date: 01/22/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 1 @ 3 FT (H400244-02)

BTX 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	01/29/2014	ND	2.44	122	2.00	0.161	
Toluene*	0.316	0.050	01/29/2014	ND	2.37	119	2.00	0.245	
Ethylbenzene*	0.523	0.050	01/29/2014	ND	2.36	118	2.00	0.0847	
Total Xylenes*	2.14	0.150	01/29/2014	ND	6.86	114	6.00	0.152	
Total BTX	2.98	0.300	01/29/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 154 % 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	3160	16.0	01/29/2014	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<100	100	01/27/2014	ND	203	101	200	1.95	
DRO >C10-C28	792	100	01/27/2014	ND	195	97.4	200	1.09	

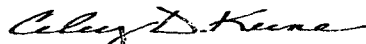
Surrogate: 1-Chlorooctane 72.3 % 65.2-140

Surrogate: 1-Chlorooctadecane 104 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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:	01/27/2014	Sampling Date:	01/22/2014
Reported:	01/31/2014	Sampling Type:	Soil
Project Name:	MONSANTO BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	C-1		

Sample ID: SP 1 @ 5 FT (H400244-03)

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	01/29/2014	ND	2.44	122	2.00	0.161	
Toluene*	<0.050	0.050	01/29/2014	ND	2.37	119	2.00	0.245	
Ethylbenzene*	<0.050	0.050	01/29/2014	ND	2.36	118	2.00	0.0847	
Total Xylenes*	<0.150	0.150	01/29/2014	ND	6.86	114	6.00	0.152	
Total BTEX	<0.300	0.300	01/29/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 111 % 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	688	16.0	01/29/2014	ND	416	104	400	0.00	

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	01/27/2014	ND	203	101	200	1.95	
DRO >C10-C28	70.5	10.0	01/27/2014	ND	195	97.4	200	1.09	

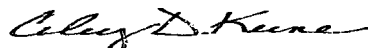
Surrogate: 1-Chlorooctane 86.9 % 65.2-140

Surrogate: 1-Chlorooctadecane 96.7 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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:	01/27/2014	Sampling Date:	01/22/2014
Reported:	01/31/2014	Sampling Type:	Soil
Project Name:	MONSANTO BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	C-1		

Sample ID: SP 1 @ 8 FT (H400244-04)

BTX 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	01/29/2014	ND	2.44	122	2.00	0.161	
Toluene*	<0.050	0.050	01/29/2014	ND	2.37	119	2.00	0.245	
Ethylbenzene*	<0.050	0.050	01/29/2014	ND	2.36	118	2.00	0.0847	
Total Xylenes*	<0.150	0.150	01/29/2014	ND	6.86	114	6.00	0.152	
Total BTX	<0.300	0.300	01/29/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 110 % 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	432	16.0	01/29/2014	ND	416	104	400	0.00	

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	01/28/2014	ND	203	101	200	1.95	
DRO >C10-C28	61.8	10.0	01/28/2014	ND	195	97.4	200	1.09	


Surrogate: 1-Chlorooctane 97.5 % 65.2-140

Surrogate: 1-Chlorooctadecane 92.4 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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: 01/27/2014
Reported: 01/31/2014
Project Name: MONSANTO BATTERY
Project Number: NONE GIVEN
Project Location: C-1

Sampling Date: 01/22/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 1 @ 10 FT (H400244-05)

BTEX 8021B		mg/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	01/30/2014	ND	2.44	122	2.00	0.161	
Toluene*	0.200	0.100	01/30/2014	ND	2.37	119	2.00	0.245	
Ethylbenzene*	1.38	0.100	01/30/2014	ND	2.36	118	2.00	0.0847	
Total Xylenes*	2.03	0.300	01/30/2014	ND	6.86	114	6.00	0.152	
Total BTEX	3.61	0.600	01/30/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 97.7 % 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	176	16.0	01/29/2014	ND	416	104	400	0.00	

TPH 8015M		mg/kg	Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	169	50.0	01/28/2014	ND	203	101	200	1.95	
DRO >C10-C28	2910	50.0	01/28/2014	ND	195	97.4	200	1.09	

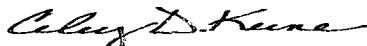
Surrogate: 1-Chlorooctane 92.5 % 65.2-140

Surrogate: 1-Chlorooctadecane 138 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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:	01/27/2014	Sampling Date:	01/22/2014
Reported:	01/31/2014	Sampling Type:	Soil
Project Name:	MONSANTO BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	C-1		

Sample ID: SP 2 @ 1 FT (H400244-06)

BTX 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	1.19	1.00	01/30/2014	ND	2.44	122	2.00	0.161	
Toluene*	14.3	1.00	01/30/2014	ND	2.37	119	2.00	0.245	
Ethylbenzene*	12.4	1.00	01/30/2014	ND	2.36	118	2.00	0.0847	
Total Xylenes*	46.8	3.00	01/30/2014	ND	6.86	114	6.00	0.152	
Total BTX	74.7	6.00	01/30/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 148 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2000	16.0	01/30/2014	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ms				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	1270	200	01/28/2014	ND	203	101	200	1.95	
DRO >C10-C28	6570	200	01/28/2014	ND	195	97.4	200	1.09	


Surrogate: 1-Chlorooctane 139 % 65.2-140

Surrogate: 1-Chlorooctadecane 199 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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: 01/27/2014
Reported: 01/31/2014
Project Name: MONSANTO BATTERY
Project Number: NONE GIVEN
Project Location: C-1

Sampling Date: 01/22/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 2 @ 3 FT (H400244-07)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	01/30/2014	ND	2.44	122	2.00	0.161	
Toluene*	0.531	0.200	01/30/2014	ND	2.37	119	2.00	0.245	
Ethylbenzene*	3.70	0.200	01/30/2014	ND	2.36	118	2.00	0.0847	
Total Xylenes*	6.55	0.600	01/30/2014	ND	6.86	114	6.00	0.152	
Total BTX	10.8	1.20	01/30/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 107 % 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	304	16.0	01/30/2014	ND	400	100	400	0.00	
TPH 8015M		mg/kg		Analyzed By: ms					
				S-06					

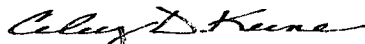
Surrogate: 1-Chlorooctane 84.4 % 65.2-140

Surrogate: 1-Chlorooctadecane 180 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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: 01/27/2014
Reported: 01/31/2014
Project Name: MONSANTO BATTERY
Project Number: NONE GIVEN
Project Location: C-1

Sampling Date: 01/22/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 2 @ 5 FT (H400244-08)

BTX 8021B		mg/kg	Analyzed By: MS				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	01/30/2014	ND	2.44	122	2.00	0.161	
Toluene*	0.696	0.500	01/30/2014	ND	2.37	119	2.00	0.245	
Ethylbenzene*	5.14	0.500	01/30/2014	ND	2.36	118	2.00	0.0847	
Total Xylenes*	8.37	1.50	01/30/2014	ND	6.86	114	6.00	0.152	
Total BTX	14.2	3.00	01/30/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 204 % 89.4-126

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP				S-06		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	01/30/2014	ND	400	100	400	0.00	

TPH 8015M		mg/kg	Analyzed By: ms				S-06		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	614	100	01/28/2014	ND	203	101	200	1.95	
DRO >C10-C28	5650	100	01/28/2014	ND	195	97.4	200	1.09	

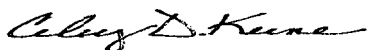
Surrogate: 1-Chlorooctane 120 % 65.2-140

Surrogate: 1-Chlorooctadecane 178 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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: 01/27/2014
Reported: 01/31/2014
Project Name: MONSANTO BATTERY
Project Number: NONE GIVEN
Project Location: C-1

Sampling Date: 01/22/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 3 @ 1 FT (H400244-09)

BTX 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	01/30/2014	ND	2.44	122	2.00	0.161	
Toluene*	1.86	0.500	01/30/2014	ND	2.37	119	2.00	0.245	
Ethylbenzene*	5.18	0.500	01/30/2014	ND	2.36	118	2.00	0.0847	
Total Xylenes*	12.5	1.50	01/30/2014	ND	6.86	114	6.00	0.152	
Total BTX	19.5	3.00	01/30/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 218 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1280	16.0	01/30/2014	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ms				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	575	200	01/28/2014	ND	203	101	200	1.95	
DRO >C10-C28	4850	200	01/28/2014	ND	195	97.4	200	1.09	

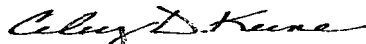
Surrogate: 1-Chlorooctane 104 % 65.2-140

Surrogate: 1-Chlorooctadecane 256 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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: 01/27/2014
 Reported: 01/31/2014
 Project Name: MONSANTO BATTERY
 Project Number: NONE GIVEN
 Project Location: C-1

 Sampling Date: 01/22/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 3 @ 2 FT (H400244-10)

BTEX 8021B		mg/kg	Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<1.00	1.00	01/30/2014	ND	2.44	122	2.00	0.161	
Toluene*	1.03	1.00	01/30/2014	ND	2.37	119	2.00	0.245	
Ethylbenzene*	6.02	1.00	01/30/2014	ND	2.36	118	2.00	0.0847	
Total Xylenes*	11.6	3.00	01/30/2014	ND	6.86	114	6.00	0.152	
Total BTEX	18.6	6.00	01/30/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 171 % 89.4-126

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	01/30/2014	ND	400	100	400	0.00	
TPH 8015M		mg/kg	Analyzed By: ms					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	1070	50.0	01/28/2014	ND	203	101	200	1.95	
DRO >C10-C28	7790	50.0	01/28/2014	ND	195	97.4	200	1.09	


Surrogate: 1-Chlorooctane 125 % 65.2-140

Surrogate: 1-Chlorooctadecane 186 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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:	01/27/2014	Sampling Date:	01/22/2014
Reported:	01/31/2014	Sampling Type:	Soil
Project Name:	MONSANTO BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	C-1		

Sample ID: SP 3 @ 3 FT (H400244-11)

BTX 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	01/30/2014	ND	2.44	122	2.00	0.161	
Toluene*	0.530	0.500	01/30/2014	ND	2.37	119	2.00	0.245	
Ethylbenzene*	3.60	0.500	01/30/2014	ND	2.36	118	2.00	0.0847	
Total Xylenes*	5.71	1.50	01/30/2014	ND	6.86	114	6.00	0.152	
Total BTX	9.84	3.00	01/30/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 173 % 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	48.0	16.0	01/30/2014	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ms				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	467	50.0	01/28/2014	ND	203	101	200	1.95	
DRO >C10-C28	4660	50.0	01/28/2014	ND	195	97.4	200	1.09	

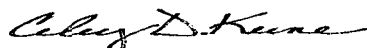
Surrogate: 1-Chlorooctane 117 % 65.2-140

Surrogate: 1-Chlorooctadecane 305 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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:	01/27/2014	Sampling Date:	01/22/2014
Reported:	01/31/2014	Sampling Type:	Soil
Project Name:	MONSANTO BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	C-1		

Sample ID: SP 4 @ 1 FT (H400244-12)

BTEX 8021B		mg/kg	Analyzed By: MS				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	01/30/2014	ND	2.44	122	2.00	0.161	
Toluene*	0.956	0.500	01/30/2014	ND	2.37	119	2.00	0.245	
Ethylbenzene*	2.31	0.500	01/30/2014	ND	2.36	118	2.00	0.0847	
Total Xylenes*	8.84	1.50	01/30/2014	ND	6.86	114	6.00	0.152	
Total BTEX	12.1	3.00	01/30/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 141 % 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	4320	16.0	01/30/2014	ND	400	100	400	0.00	

TPH 8015M		mg/kg	Analyzed By: ms				S-06		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	485	100	01/28/2014	ND	203	101	200	1.95	
DRO >C10-C28	6620	100	01/28/2014	ND	195	97.4	200	1.09	

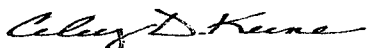
Surrogate: 1-Chlorooctane 141 % 65.2-140

Surrogate: 1-Chlorooctadecane 179 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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: 01/27/2014
Reported: 01/31/2014
Project Name: MONSANTO BATTERY
Project Number: NONE GIVEN
Project Location: C-1

Sampling Date: 01/22/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 4 @ 2 FT (H400244-13)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	01/30/2014	ND	2.44	122	2.00	0.161	
Toluene*	0.499	0.100	01/30/2014	ND	2.37	119	2.00	0.245	
Ethylbenzene*	2.03	0.100	01/30/2014	ND	2.36	118	2.00	0.0847	
Total Xylenes*	3.56	0.300	01/30/2014	ND	6.86	114	6.00	0.152	
Total BTX	6.09	0.600	01/30/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 96.7 % 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	608	16.0	01/30/2014	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
GRO C6-C10	186	10.0	01/28/2014	ND	192	96.2	200	0.594	
DRO >C10-C28	4020	10.0	01/28/2014	ND	183	91.4	200	2.51	

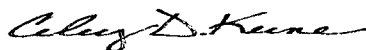
Surrogate: 1-Chlorooctane 86.9 % 65.2-140

Surrogate: 1-Chlorooctadecane 151 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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: 01/27/2014
Reported: 01/31/2014
Project Name: MONSANTO BATTERY
Project Number: NONE GIVEN
Project Location: C-1

Sampling Date: 01/22/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 4 @ 4 FT (H400244-14)

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	01/30/2014	ND	2.44	122	2.00	0.161	
Toluene*	0.065	0.050	01/30/2014	ND	2.37	119	2.00	0.245	
Ethylbenzene*	0.353	0.050	01/30/2014	ND	2.36	118	2.00	0.0847	
Total Xylenes*	0.645	0.150	01/30/2014	ND	6.86	114	6.00	0.152	
Total BTEx	1.06	0.300	01/30/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 205 % 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	3080	16.0	01/30/2014	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
GRO C6-C10	41.5	10.0	01/28/2014	ND	192	96.2	200	0.594	
DRO >C10-C28	1830	10.0	01/28/2014	ND	183	91.4	200	2.51	

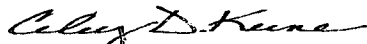
Surrogate: 1-Chlorooctane 92.3 % 65.2-140

Surrogate: 1-Chlorooctadecane 129 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager



CARDINAL LABORATORIES

101 East Marlton, Hobbs, NM 88240
(505) 393-2326 FAX (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.		P.O. #:		BILL TO																																	
Project Manager: Cliff Brunson		Company:		ANALYSIS REQUEST																																	
Address: P.O. Box 805		Attn:																																			
City: Hobbs		State: NM Zip: 88241																																			
Phone # 575-397-6388		Fax # 575-397-0397																																			
Project #:		Project Owner: Oxy																																			
Project Name: Manis, B. B. B. B. B.		City:																																			
Project Location: C-2		State:																																			
Sample Name: C-2		Phone #:																																			
Sample Name: C-2		Fax #:																																			
Lab I.D. Sample I.D.		GRAB OR (C)OMP		MATRIX		PRESERV		SAMPLING																													
		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER		ACID/BASE		ICE / COOL		OTHER		DATE		TIME													
1		6		X		X		X		X		X		X		X		X		X		12/14/95		9:45		CL											
2		6		X		X		X		X		X		X		X		X		X		12/14/95		10:20		TRH											
3		6		X		X		X		X		X		X		X		X		X		12/14/95		11:00		B-TCX											
4		6		X		X		X		X		X		X		X		X		X		12/14/95		11:15													
5		6		X		X		X		X		X		X		X		X		X		12/14/95		11:30													
6		6		X		X		X		X		X		X		X		X		X		12/14/95		12:10													
7		6		X		X		X		X		X		X		X		X		X		12/14/95		12:35													
8		6		X		X		X		X		X		X		X		X		X		12/14/95		12:50													
9		6		X		X		X		X		X		X		X		X		X		12/14/95		1:05													
10		6		X		X		X		X		X		X		X		X		X		12/14/95		1:20													

PLEASE NOTE: Lab fees are subject to change without notice. For any claim, please contact the lab. All claims must be submitted to the lab within 30 days of the date of the analysis. All claims must be submitted to the lab within 30 days of the date of the analysis. All claims must be submitted to the lab within 30 days of the date of the analysis.

Relinquished By: [Signature] Date: 12/14/95 Time: 1:00 PM

Received By: [Signature] Date: 12/14/95 Time: 1:00 PM

Delivered By: (Circle One) UPS - Bus - Other 470

Sample Condition: Cool / Intact / Yes / No

CHECKED BY: [Signature]

Phone Result: [] Yes [] No Add'l Phone #: []

Fax Result: [] Yes [] No Add'l Fax #: []

REMARKS:

ORDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240
(505) 393-2326 FAX (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

March 14, 2014

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: MONSANTO BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 03/13/14 8:50.

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, flowing style.

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:	03/13/2014	Sampling Date:	03/12/2014
Reported:	03/14/2014	Sampling Type:	Soil
Project Name:	MONSANTO BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	C-1		

Sample ID: SP 2 @ 7 FT (H400759-01)

BTEX 8260B		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	03/14/2014	ND	2.13	107	2.00	3.39	
Toluene*	<0.050	0.050	03/14/2014	ND	2.18	109	2.00	6.94	
Ethylbenzene*	<0.050	0.050	03/14/2014	ND	2.13	107	2.00	7.08	
Total Xylenes*	0.165	0.150	03/14/2014	ND	6.45	108	6.00	7.50	
Total BTEX	<0.300	0.300	03/14/2014	ND					

Surrogate: Dibromofluoromethane 98.3 % 61.3-142

Surrogate: Toluene-d8 107 % 71.3-129

Surrogate: 4-Bromofluorobenzene 300 % 65.7-141

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	180	50.0	03/14/2014	ND	199	99.6	200	8.31	
DRO >C10-C28	2350	50.0	03/14/2014	ND	194	96.9	200	5.88	


Surrogate: 1-Chlorooctane 113 % 65.2-140

Surrogate: 1-Chlorooctadecane 147 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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:	03/13/2014	Sampling Date:	03/12/2014
Reported:	03/14/2014	Sampling Type:	Soil
Project Name:	MONSANTO BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	C-1		

Sample ID: SP 2 @ 9 FT (H400759-02)

BTEX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/14/2014	ND	2.13	107	2.00	3.39	
Toluene*	<0.050	0.050	03/14/2014	ND	2.18	109	2.00	6.94	
Ethylbenzene*	<0.050	0.050	03/14/2014	ND	2.13	107	2.00	7.08	
Total Xylenes*	<0.150	0.150	03/14/2014	ND	6.45	108	6.00	7.50	
Total BTEX	<0.300	0.300	03/14/2014	ND					

Surrogate: Dibromofluoromethane 96.1 % 61.3-142

Surrogate: Toluene-d8 104 % 71.3-129

Surrogate: 4-Bromofluorobenzene 106 % 63.7-141

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	03/14/2014	ND	199	99.6	200	8.31	
DRO >C10-C28	<10.0	10.0	03/14/2014	ND	194	96.9	200	5.88	

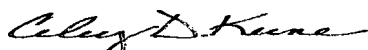
Surrogate: 1-Chlorooctane 81.1 % 65.2-140

Surrogate: 1-Chlorooctadecane 83.5 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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: 03/13/2014
Reported: 03/14/2014
Project Name: MONSANTO BATTERY
Project Number: NONE GIVEN
Project Location: C-1

Sampling Date: 03/12/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 3 @ 5 FT (H400759-03)

BTX 8260B		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	03/14/2014	ND	2.13	107	2.00	3.39	
Toluene*	<0.050	0.050	03/14/2014	ND	2.18	109	2.00	6.94	
Ethylbenzene*	0.065	0.050	03/14/2014	ND	2.13	107	2.00	7.08	
Total Xylenes*	0.729	0.150	03/14/2014	ND	6.45	108	6.00	7.50	
Total BTX	0.793	0.300	03/14/2014	ND					

Surrogate: Dibromofluoromethane 97.1 % 61.3-142

Surrogate: Toluene-d8 136 % 71.3-129

Surrogate: 4-Bromofluorobenzene 655 % 65.7-141

TPH 8015M		mg/kg		Analyzed By: ms				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	693	50.0	03/14/2014	ND	199	99.6	200	8.31	
DRO >C10-C28	5750	50.0	03/14/2014	ND	194	96.9	200	5.88	

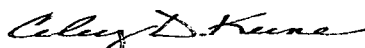
Surrogate: 1-Chlorooctane 142 % 65.2-140

Surrogate: 1-Chlorooctadecane 188 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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: 03/13/2014
Reported: 03/14/2014
Project Name: MONSANTO BATTERY
Project Number: NONE GIVEN
Project Location: C-1

Sampling Date: 03/12/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 3 @ 7 FT (H400759-04)

BTX 8260B			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/14/2014	ND	2.13	107	2.00	3.39	
Toluene*	<0.050	0.050	03/14/2014	ND	2.18	109	2.00	6.94	
Ethylbenzene*	<0.050	0.050	03/14/2014	ND	2.13	107	2.00	7.08	
Total Xylenes*	<0.150	0.150	03/14/2014	ND	6.45	108	6.00	7.50	
Total BTX	<0.300	0.300	03/14/2014	ND					

Surrogate: Dibromofluoromethane 94.6 % 61.3-142

Surrogate: Toluene-d8 100 % 71.3-129

Surrogate: 4-Bromofluorobenzene 108 % 65.7-141

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	03/14/2014	ND	199	99.6	200	8.31	
DRO >C10-C28	<10.0	10.0	03/14/2014	ND	194	96.9	200	5.88	

Surrogate: 1-Chlorooctane 75.3 % 65.2-140

Surrogate: 1-Chlorooctadecane 77.7 % 63.6-154

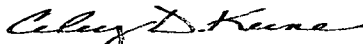
Sample ID: SP 4 @ 6 FT (H400759-05)

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AP				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3200	16.0	03/13/2014	ND	416	104	400	3.92	

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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:	03/13/2014	Sampling Date:	03/12/2014
Reported:	03/14/2014	Sampling Type:	Soil
Project Name:	MONSANTO BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	C-1		

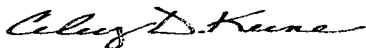
Sample ID: SP 4 @ 7 FT (H400759-06)**Chloride, SM4500Cl-B****mg/kg****Analyzed By: AP**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	03/13/2014	ND	416	104	400	3.92	

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

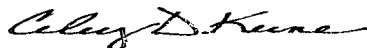
Notes and Definitions

- 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.
- 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

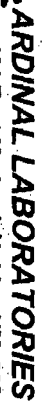
Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240
(505) 393-2326 FAX (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.				P.O. #:
Project Manager: Cliff Brunson				BILL TO
Address: P.O. Box 805				ANALYSIS REQUEST
City: Hobbs				Company:
State: NM Zip: 88241				Attn:
Phone #: 575-397-6388 Fax #: 575-397-0397				Address:
Project #:				City:
Project Owner: Oxy				State:
Project Name: Max Sato Battery				Zip:
Project Location: C-2				Phone #:
Sampler Name: Jerry Ray				Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.	SAMPLING										
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :												
H4D0759	SP 2E 7A	G	2	X																	
	2 SP 2E 7A	G	2	X																	
	3 SP 3E 7A	G	2	X																	
	4 SP 3E 7A	G	2	X																	
	5 SP 4E 6F+	G	2	X																	
	6 SP 4E 7A	G	2	X																	

PLEASE NOTE: Liability and Damages. Cardrants liability and clients exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Reinquisitioned By:		Date: 3/12/14	Received By: [Signature]	Time: 5:50
Reinquisitioned By:		Date:	Received By:	Time:

Delivered By: (Circle One)	Sample Condition	CHECKED BY:
Sampler - UPS - Bus - Other:	Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> <input type="checkbox"/> Yes <input type="checkbox"/> No	[Signature] (Initials) <input type="checkbox"/> Yes <input type="checkbox"/> No

REMARKS:
CL-TPH B-TXH LUST!!

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

#54