

REVIEWED

By Kellie Jones at 3:44 pm, Jan 22, 2016

Closure Request

APPROVED

By Kellie Jones at 3:44 pm, Jan 22, 2016

Site Description

Site Name:	NM CE State Battery
Company:	Oxy Permian Ltd.
Legal Description:	U/L E, Section 6, T19S, R37E
County:	Lea County, NM
GPS Coordinates:	N 32.69072° W 103.29523°

Release Data

Date of Release:	Unknown, historical
Type of Release:	Unknown, historical
Source of Release:	Unknown, historical
Volume of Release:	Unknown, historical
Volume Recovered:	0 bbls

Remediation Specifications

Remediation Parameters:	Excavate the entire leak area to a depth of 5 ft. Place a liner in the excavation near SB1, SB2, & SB3. Backfill the site with clean soil.	
Remediation Activities:	10/01/2015 to 11/02/2015	
Plan Sent to OCD:	09/28/2015	Email from Cliff Brunson to Jamie Keyes
OCD Approval of Plan:	09/30/2015	Email from Jamie Keyes to Cliff Brunson
Plan Sent to BLM:	n/a	n/a
BLM Approval of Plan:	n/a	n/a

Supporting Documentation

Initial C-141	Signed 07/23/2015
Final C-141	Signed 01/14/2016
Site Diagram	May 2015
Groundwater Plot	50'-75'
TOPO Maps	May 2015
Lab Summary	05/27/2015-05/28/2015 and 07/22/2015
Lab Analysis	05/27/2015-05/28/2015 and 07/22/2015
Correspondence	Request and approval of remediation plan via email

Request for Closure

Based on the completion of the remediation plan as agreed upon, BBC International requests closure approval from NMOCD.

Cliff Brunson, President of BBC International Inc.

01/18/2016

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	6 Desta Drive, Midland, TX 79705	Telephone No.	(432) 685-5824
Facility Name	NM CE State Battery	Facility Type	Abandoned battery site
Surface Owner	DCP Midstream	Mineral Owner	API No. 30-025-05565

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
E	6	19S	37E					Lea County, NM

Latitude N 32.69072° Longitude W 103.29523°

NATURE OF RELEASE

Type of Release	Unknown, historical	Volume of Release	Unknown	Volume Recovered	0 bbls
Source of Release	Unknown, historical	Date and Hour of Occurrence	Unknown	Date and Hour of Discovery	Unknown
Was Immediate Notice Given?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	n/a		
By Whom?	n/a	Date and Hour	n/a		
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.*

This is a former battery that has been abandoned. Contamination on this site is historical in nature.

Describe Area Affected and Cleanup Action Taken.*

This site will be assessed and delineated. Once samples are collected, the results of the sample analysis will be discussed with the NMOCD to develop a remediation plan. Then, remediation will be completed in accordance with the 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.

Signature: 	<u>OIL CONSERVATION DIVISION</u>	
Printed Name: Chancey Summers	Approved by Environmental Specialist:	
Title: HES Lead	Approval Date:	Expiration Date:
E-mail Address: Chancey_Summers@oxy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: <u>7-23-15</u> Phone: (432) 685-5824		

* Attach Additional Sheets If Necessary

District I
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1220 South St. Francis Dr.
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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	Casey Summers
Address	6 Desta Drive, Midland, TX 79705	Telephone No.	(575) 513-8289
Facility Name	NM CE State Battery	Facility Type	Abandoned battery site
Surface Owner	DCP Midstream	Mineral Owner	API No. 30-025-05565

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
E	6	19S	37E					Lea County, NM

Latitude N 32.69072° Longitude W 103.29523°

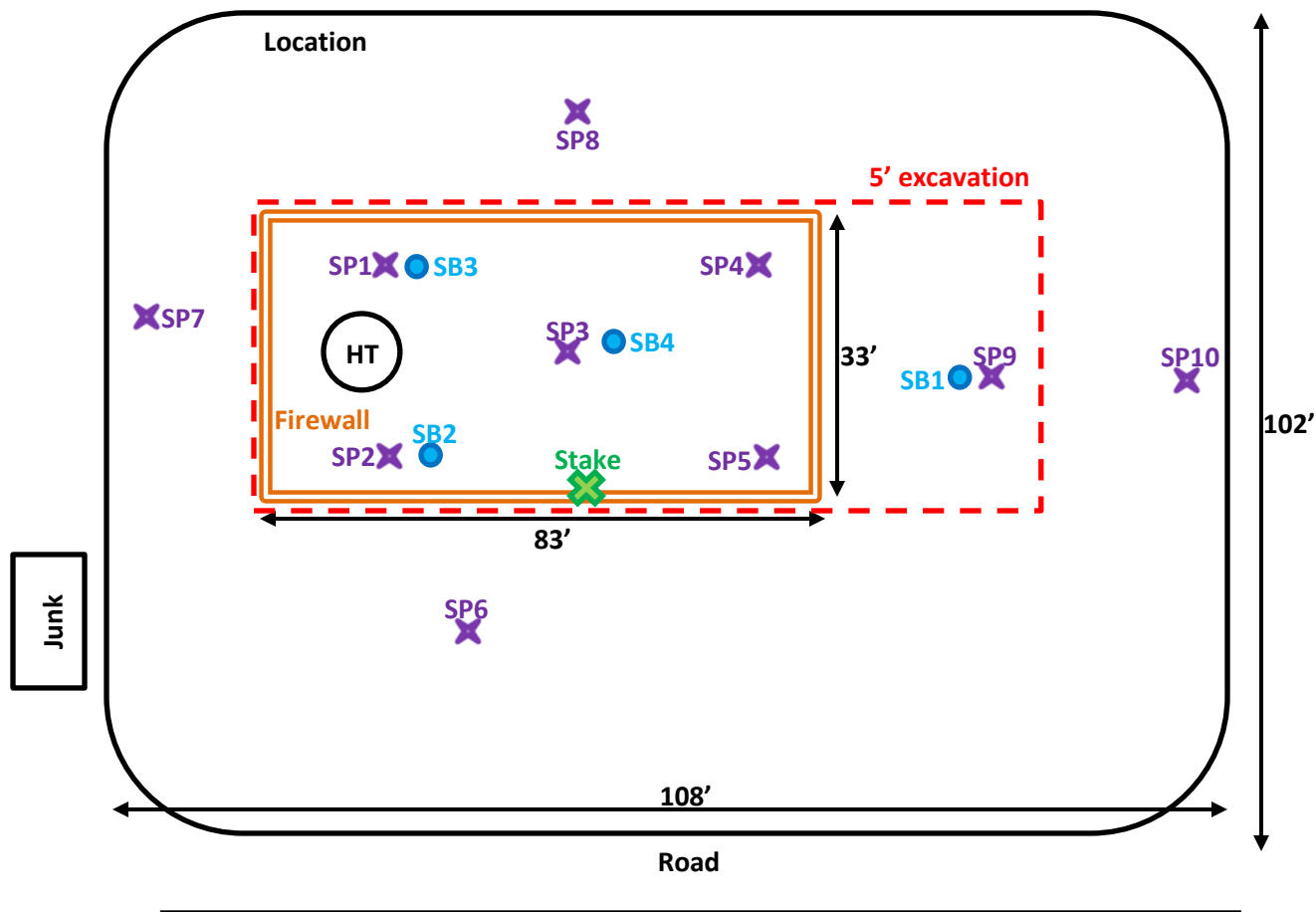
NATURE OF RELEASE

Type of Release	Unknown, historical	Volume of Release	Unknown	Volume Recovered	0 bbls
Source of Release	Unknown, historical	Date and Hour of Occurrence	Unknown	Date and Hour of Discovery	Unknown
Was Immediate Notice Given?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? n/a			
By Whom?	n/a	Date and Hour n/a			
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.* This is a former battery that has been abandoned. Contamination on this site is historical in nature.					
Describe Area Affected and Cleanup Action Taken.* This site will be assessed and delineated. Once samples are collected, the results of the sample analysis will be discussed with the NMOCD to develop a remediation plan. Remediation was completed in accordance with the remediation plan approved by Kellie Jones of NMOCD on 08/14/2015.					
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.					
Signature:		OIL CONSERVATION DIVISION			
Printed Name: Casey Summers		Approved by Environmental Specialist:			
Title: NM Environmental Advisor		Approval Date:		Expiration Date:	
E-mail Address: Casey_Summers@oxy.com		Conditions of Approval:			Attached <input type="checkbox"/>
Date: 1-14-16		Phone: (575) 513-8289			

* Attach Additional Sheets If Necessary



Oxy
NM CE State Battery



NW ¼, Section 6, T19S, R37E
Lea County, NM
N 32.69072° W 103.29523°

BBC International, Inc.

Oxy
NM CE State Battery

Date: 05/26/2015

DRWG by: K. Purvis

NOT TO SCALE

File: Oxy Recl. 2015

Groundwater Plot

Oxy NM CE State Battery

County
Lea

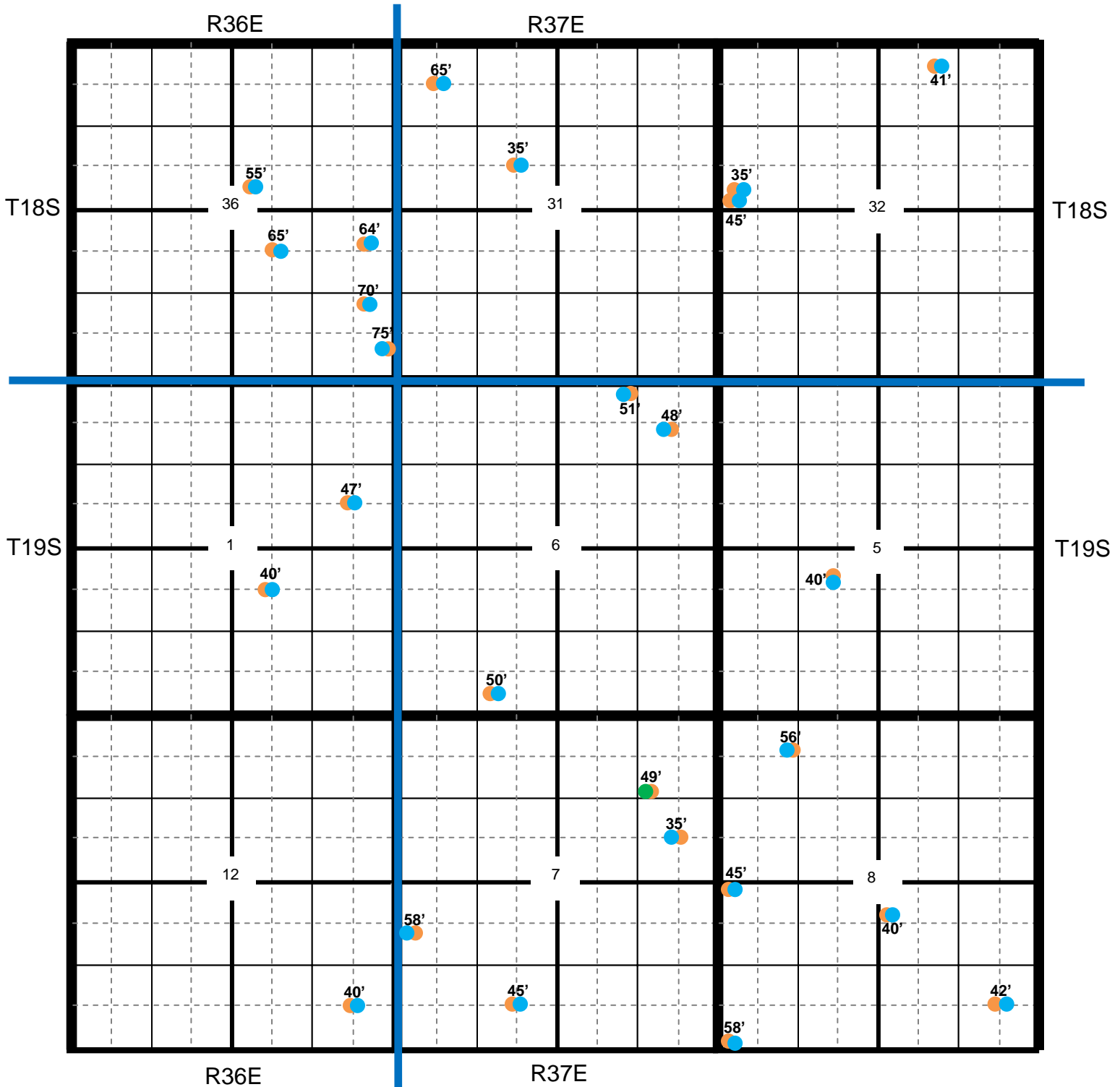
Unit Letter
NW ¼

Section
6

Township
19S

Range
37E

Trend Map 50'-75'



Location

OCD

USGS

SEO

All Databases

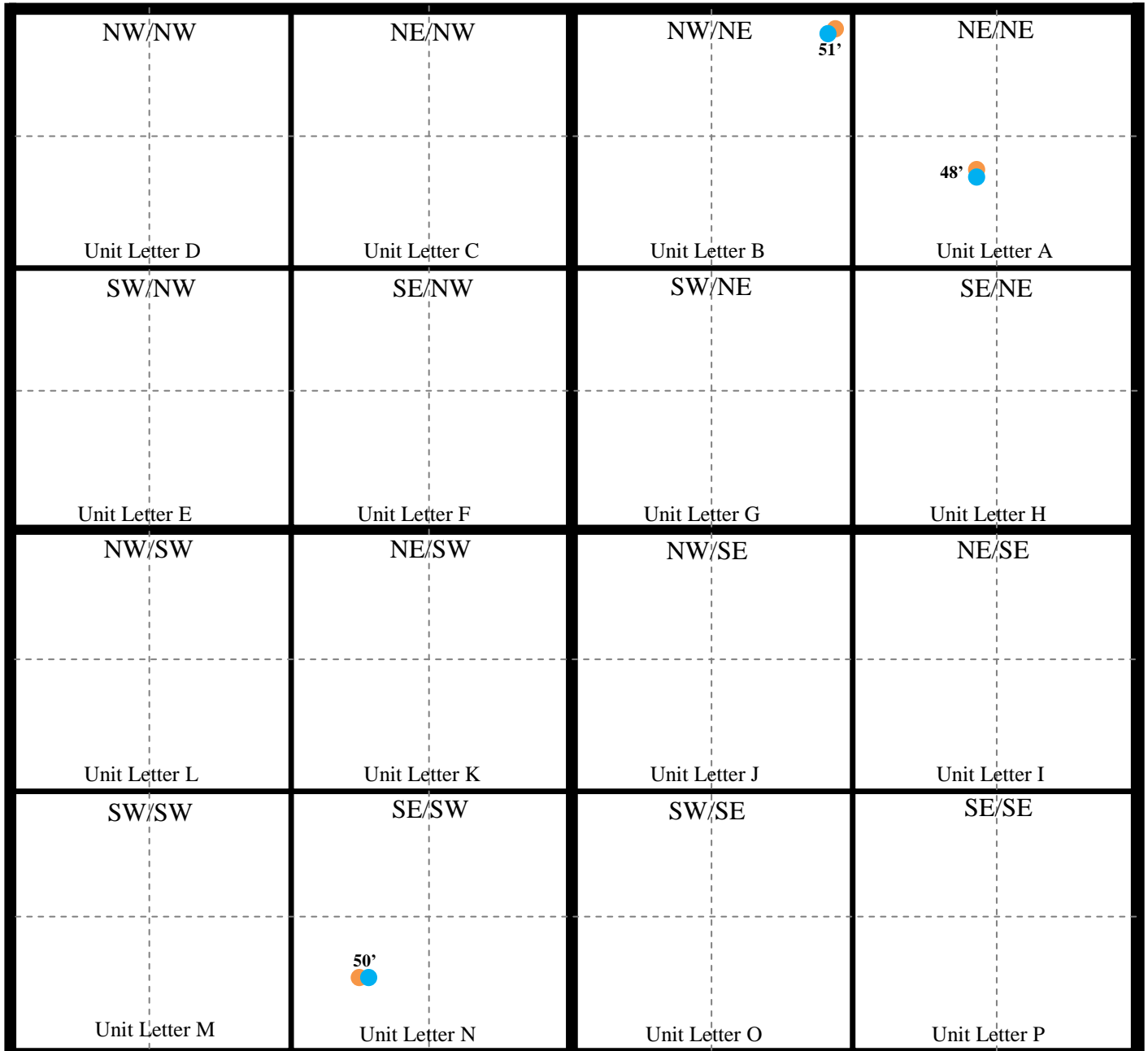
Oxy NM CE State Battery

County	Unit Letter	Section	Township	Range
Lea	NW ¼	6	19S	37E

Trend Map 50'-75'

1

2



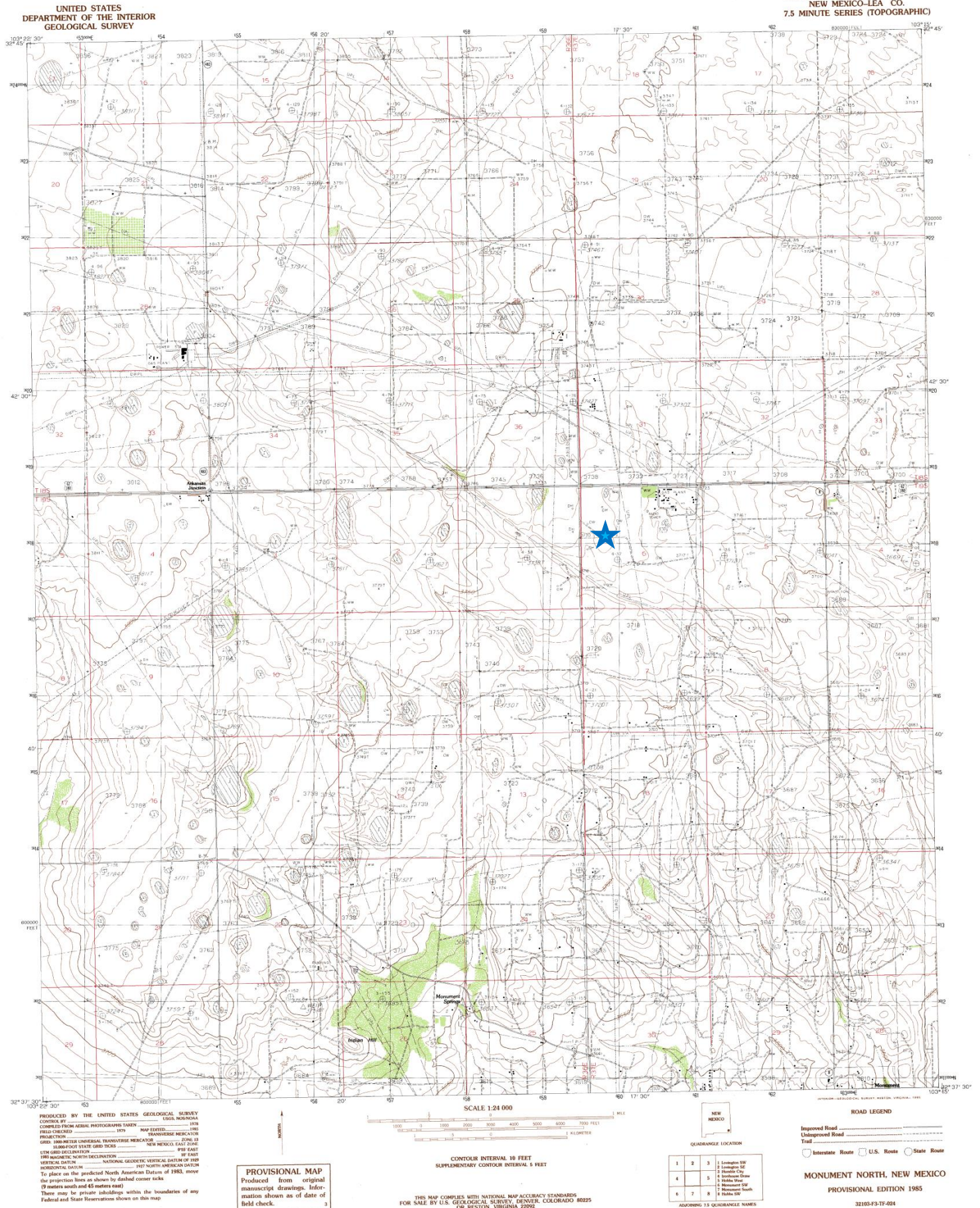
3

4

Oxy

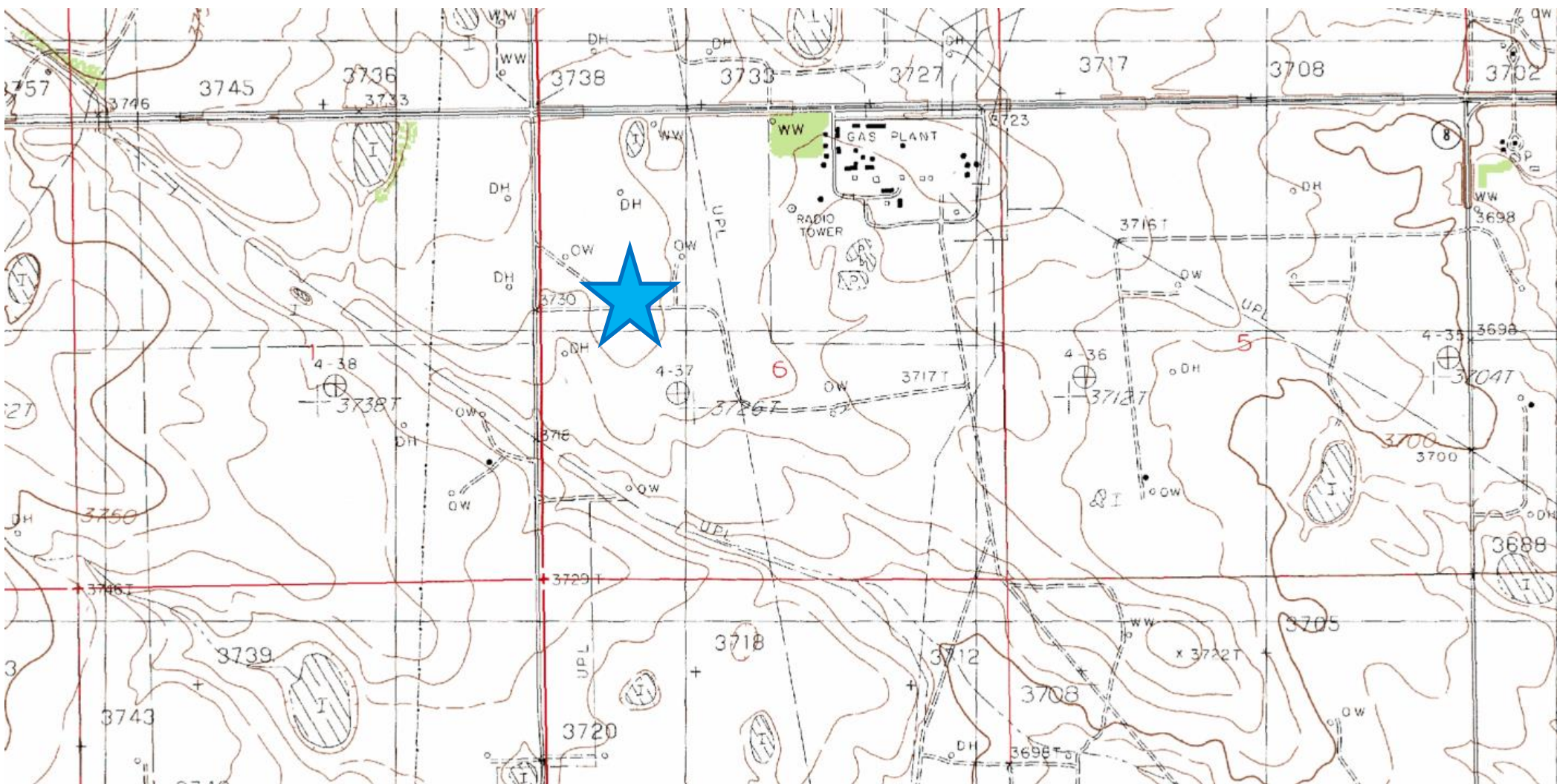
NM CE State Battery

MONUMENT NORTH QUADRANGLE
NEW MEXICO-LEA CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



Oxy

NM CE State Battery



Laboratory Analytical Results Summary
NMCE State Battery

		Sample	SP1 @ 1'	SP1 @ 3'	SP1 @ 4'	SP1 @ 5'
Analyte	Method	Date	5/27/15	5/27/15	5/27/15	5/27/15
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		3480	784	912	768
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0

		Sample	SP2 @ 1'	SP2 @ 3'	SP2 @ 4'
Analyte	Method	Date	5/27/15	5/27/15	5/27/15
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		2040	2640	3040
GRO	TPH 8015M		<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0

		Sample	SP3 @ 1'	SP3 @ 3'	SP3 @ 4'
Analyte	Method	Date	5/27/15	5/27/15	5/27/15
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		<16.0	96	496
GRO	TPH 8015M		<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	14.1	122

		Sample	SP4 @ 1'	SP4 @ 3'	SP4 @ 4'
Analyte	Method	Date	5/27/15	5/27/15	5/27/15
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		<16.0	32	560
GRO	TPH 8015M		<10.0	<10.0	<10.0
DRO	TPH 8015M		190	13	201

		Sample	SP5 @ 1'	SP5 @ 3'	SP5 @ 4'
Analyte	Method	Date	5/27/15	5/27/15	5/27/15
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		2720	<16.0	592
GRO	TPH 8015M		<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	92.1

		Sample	SP6 @ 1'	SP6 @ 2'
Analyte	Method	Date	5/28/15	5/28/15
			mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300
Chloride	SM4500Cl-B		<16.0	96
GRO	TPH 8015M		<10.0	<10.0
DRO	TPH 8015M		494	15.5

		Sample	SP7 @ 1'	SP7 @ 2'
Analyte	Method	Date	5/28/15	5/28/15
			mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300
Chloride	SM4500Cl-B		64	80
GRO	TPH 8015M		<10.0	<10.0
DRO	TPH 8015M		171	<10.0

		Sample	SP8 @ 1'	SP8 @ 2'
Analyte	Method	Date	5/28/15	5/28/15
			mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300
Chloride	SM4500Cl-B		32	96
GRO	TPH 8015M		<10.0	<10.0
DRO	TPH 8015M		23.8	56.6

**Laboratory Analytical Results Summary
NMCE State Battery**

		Sample	SP9 @ 1'	SP9 @ 2'
Analyte	Method	Date	5/28/15	5/28/15
			mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300
Chloride	SM4500CI-B		2840	1230
GRO	TPH 8015M		<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0

		Sample	SP10 @ SURFACE	SP10 @ 1'
Analyte	Method	Date	7/22/15	7/22/15
			mg/Kg	mg/Kg
Chloride	SM4500CI-B		<16.0	<16.0

		Sample	SB1 @ 3'	SB1 @ 5'	SB1 @ 10'	SB1 @ 15'	SB1 @ 20'
Analyte	Method	Date	7/22/15	7/22/15	7/22/15	7/22/15	7/22/15
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500CI-B		2560	3800	960	64	96

		Sample	SB2 @ 5'	SB2 @ 10'	SB2 @ 15'	SB2 @ 17'
Analyte	Method	Date	7/22/15	7/22/15	7/22/15	7/22/15
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500CI-B		4440	784	64	64

		Sample	SB3 @ 6'	SB3 @ 11'	SB3 @ 12'
Analyte	Method	Date	7/22/15	7/22/15	7/22/15
			mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500CI-B		592	48	48

		Sample	SB4 @ 5'	SB4 @ 6'
Analyte	Method	Date	7/22/15	7/22/15
			mg/Kg	mg/Kg
Chloride	SM4500CI-B		128	160



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

June 10, 2015

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: NMCE STATE BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 06/03/15 15:40.

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:	06/03/2015	Sampling Date:	05/27/2015
Reported:	06/10/2015	Sampling Type:	Soil
Project Name:	NMCE STATE BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

Sample ID: SP 1 @ 1' (H501432-01)

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	06/05/2015	ND	2.32	116	2.00	0.935	
Toluene*	<0.050	0.050	06/05/2015	ND	2.06	103	2.00	0.220	
Ethylbenzene*	<0.050	0.050	06/05/2015	ND	2.04	102	2.00	1.75	
Total Xylenes*	<0.150	0.150	06/05/2015	ND	5.99	99.8	6.00	0.973	
Total BTX	<0.300	0.300	06/05/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 61-154

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AP				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3480	16.0	06/09/2015	ND	416	104	400	3.77	

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	06/04/2015	ND	182	91.2	200	0.615	
DRO >C10-C28	<10.0	10.0	06/04/2015	ND	199	99.6	200	0.553	

Surrogate: 1-Chlorooctane 103 % 47.2-157

Surrogate: 1-Chlorooctadecane 126 % 52.1-176

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:	06/03/2015	Sampling Date:	05/27/2015
Reported:	06/10/2015	Sampling Type:	Soil
Project Name:	NMCE STATE BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

Sample ID: SP 1 @ 3' (H501432-02)

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	06/05/2015	ND	2.32	116	2.00	0.935	
Toluene*	<0.050	0.050	06/05/2015	ND	2.06	103	2.00	0.220	
Ethylbenzene*	<0.050	0.050	06/05/2015	ND	2.04	102	2.00	1.75	
Total Xylenes*	<0.150	0.150	06/05/2015	ND	5.99	99.8	6.00	0.973	
Total BTX	<0.300	0.300	06/05/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	784	16.0	06/09/2015	ND	416	104	400	3.77	

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	06/04/2015	ND	182	91.2	200	0.615	
DRO >C10-C28	<10.0	10.0	06/04/2015	ND	199	99.6	200	0.553	

Surrogate: 1-Chlorooctane 109 % 47.2-157

Surrogate: 1-Chlorooctadecane 133 % 52.1-176

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: 06/03/2015
Reported: 06/10/2015
Project Name: NMCE STATE BATTERY
Project Number: NONE GIVEN
Project Location: MONUMENT, NM

Sampling Date: 05/27/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 1 @ 4' (H501432-03)

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	06/05/2015	ND	2.32	116	2.00	0.935	
Toluene*	<0.050	0.050	06/05/2015	ND	2.06	103	2.00	0.220	
Ethylbenzene*	<0.050	0.050	06/05/2015	ND	2.04	102	2.00	1.75	
Total Xylenes*	<0.150	0.150	06/05/2015	ND	5.99	99.8	6.00	0.973	
Total BTEX	<0.300	0.300	06/05/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	912	16.0	06/09/2015	ND	416	104	400	3.77	

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	06/04/2015	ND	178	89.1	200	4.57	
DRO >C10-C28	<10.0	10.0	06/04/2015	ND	193	96.3	200	5.36	

Surrogate: 1-Chlorooctane 98.1 % 47.2-157

Surrogate: 1-Chlorooctadecane 122 % 52.1-176

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Analytical Results For:

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

Received:	06/03/2015	Sampling Date:	05/27/2015
Reported:	06/10/2015	Sampling Type:	Soil
Project Name:	NMCE STATE BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

Sample ID: SP 1 @ 5' (H501432-04)

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	06/05/2015	ND	2.32	116	2.00	0.935	
Toluene*	<0.050	0.050	06/05/2015	ND	2.06	103	2.00	0.220	
Ethylbenzene*	<0.050	0.050	06/05/2015	ND	2.04	102	2.00	1.75	
Total Xylenes*	<0.150	0.150	06/05/2015	ND	5.99	99.8	6.00	0.973	
Total BTX	<0.300	0.300	06/05/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	768	16.0	06/09/2015	ND	416	104	400	3.77	

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	06/04/2015	ND	178	89.1	200	4.57	
DRO >C10-C28	<10.0	10.0	06/04/2015	ND	193	96.3	200	5.36	

Surrogate: 1-Chlorooctane 91.7 % 47.2-157

Surrogate: 1-Chlorooctadecane 117 % 52.1-176

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Received:	06/03/2015	Sampling Date:	05/27/2015
Reported:	06/10/2015	Sampling Type:	Soil
Project Name:	NMCE STATE BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

Sample ID: SP 2 @ 1' (H501432-05)

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	06/05/2015	ND	2.32	116	2.00	0.935	
Toluene*	<0.050	0.050	06/05/2015	ND	2.06	103	2.00	0.220	
Ethylbenzene*	<0.050	0.050	06/05/2015	ND	2.04	102	2.00	1.75	
Total Xylenes*	<0.150	0.150	06/05/2015	ND	5.99	99.8	6.00	0.973	
Total BTEX	<0.300	0.300	06/05/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2040	16.0	06/09/2015	ND	416	104	400	3.77	

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	06/04/2015	ND	178	89.1	200	4.57	
DRO >C10-C28	<10.0	10.0	06/04/2015	ND	193	96.3	200	5.36	

Surrogate: 1-Chlorooctane 100 % 47.2-157

Surrogate: 1-Chlorooctadecane 124 % 52.1-176

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Received: 06/03/2015
Reported: 06/10/2015
Project Name: NMCE STATE BATTERY
Project Number: NONE GIVEN
Project Location: MONUMENT, NM

Sampling Date: 05/27/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 2 @ 3' (H501432-06)

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	06/05/2015	ND	2.32	116	2.00	0.935	
Toluene*	<0.050	0.050	06/05/2015	ND	2.06	103	2.00	0.220	
Ethylbenzene*	<0.050	0.050	06/05/2015	ND	2.04	102	2.00	1.75	
Total Xylenes*	<0.150	0.150	06/05/2015	ND	5.99	99.8	6.00	0.973	
Total BTX	<0.300	0.300	06/05/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2640	16.0	06/09/2015	ND	416	104	400	3.77	

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	06/04/2015	ND	178	89.1	200	4.57	
DRO >C10-C28	<10.0	10.0	06/04/2015	ND	193	96.3	200	5.36	

Surrogate: 1-Chlorooctane 101 % 47.2-157

Surrogate: 1-Chlorooctadecane 123 % 52.1-176

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Received:	06/03/2015	Sampling Date:	05/27/2015
Reported:	06/10/2015	Sampling Type:	Soil
Project Name:	NMCE STATE BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

Sample ID: SP 2 @ 4' (H501432-07)

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	06/05/2015	ND	2.32	116	2.00	0.935	
Toluene*	<0.050	0.050	06/05/2015	ND	2.06	103	2.00	0.220	
Ethylbenzene*	<0.050	0.050	06/05/2015	ND	2.04	102	2.00	1.75	
Total Xylenes*	<0.150	0.150	06/05/2015	ND	5.99	99.8	6.00	0.973	
Total BTX	<0.300	0.300	06/05/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3040	16.0	06/09/2015	ND	416	104	400	3.77	

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	06/04/2015	ND	178	89.1	200	4.57	
DRO >C10-C28	<10.0	10.0	06/04/2015	ND	193	96.3	200	5.36	

Surrogate: 1-Chlorooctane 99.9 % 47.2-157

Surrogate: 1-Chlorooctadecane 124 % 52.1-176

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Received: 06/03/2015
Reported: 06/10/2015
Project Name: NMCE STATE BATTERY
Project Number: NONE GIVEN
Project Location: MONUMENT, NM

Sampling Date: 05/27/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 3 @ 1' (H501432-08)

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	06/05/2015	ND	2.32	116	2.00	0.935	
Toluene*	<0.050	0.050	06/05/2015	ND	2.06	103	2.00	0.220	
Ethylbenzene*	<0.050	0.050	06/05/2015	ND	2.04	102	2.00	1.75	
Total Xylenes*	<0.150	0.150	06/05/2015	ND	5.99	99.8	6.00	0.973	
Total BTX	<0.300	0.300	06/05/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/09/2015	ND	416	104	400	3.77	

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	06/04/2015	ND	178	89.1	200	4.57	
DRO >C10-C28	<10.0	10.0	06/04/2015	ND	193	96.3	200	5.36	

Surrogate: 1-Chlorooctane 103 % 47.2-157

Surrogate: 1-Chlorooctadecane 127 % 52.1-176

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Hobbs NM, 88241
Fax To: (575) 397-0397

Received:	06/03/2015	Sampling Date:	05/27/2015
Reported:	06/10/2015	Sampling Type:	Soil
Project Name:	NMCE STATE BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

Sample ID: SP 3 @ 3' (H501432-09)

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	06/05/2015	ND	2.32	116	2.00	0.935	
Toluene*	<0.050	0.050	06/05/2015	ND	2.06	103	2.00	0.220	
Ethylbenzene*	<0.050	0.050	06/05/2015	ND	2.04	102	2.00	1.75	
Total Xylenes*	<0.150	0.150	06/05/2015	ND	5.99	99.8	6.00	0.973	
Total BTEx	<0.300	0.300	06/05/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	06/09/2015	ND	416	104	400	3.77	

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	06/05/2015	ND	178	89.1	200	4.57	
DRO >C10-C28	14.1	10.0	06/05/2015	ND	193	96.3	200	5.36	

Surrogate: 1-Chlorooctane 105 % 47.2-157

Surrogate: 1-Chlorooctadecane 131 % 52.1-176

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Received:	06/03/2015	Sampling Date:	05/27/2015
Reported:	06/10/2015	Sampling Type:	Soil
Project Name:	NMCE STATE BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

Sample ID: SP 3 @ 4' (H501432-10)

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	06/05/2015	ND	2.32	116	2.00	0.935	
Toluene*	<0.050	0.050	06/05/2015	ND	2.06	103	2.00	0.220	
Ethylbenzene*	<0.050	0.050	06/05/2015	ND	2.04	102	2.00	1.75	
Total Xylenes*	<0.150	0.150	06/05/2015	ND	5.99	99.8	6.00	0.973	
Total BTEX	<0.300	0.300	06/05/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	06/09/2015	ND	416	104	400	3.77	

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	06/05/2015	ND	178	89.1	200	4.57	
DRO >C10-C28	122	10.0	06/05/2015	ND	193	96.3	200	5.36	

Surrogate: 1-Chlorooctane 110 % 47.2-157

Surrogate: 1-Chlorooctadecane 140 % 52.1-176

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Received:	06/03/2015	Sampling Date:	05/27/2015
Reported:	06/10/2015	Sampling Type:	Soil
Project Name:	NMCE STATE BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

Sample ID: SP 4 @ 1' (H501432-11)

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	06/05/2015	ND	2.32	116	2.00	0.935	
Toluene*	<0.050	0.050	06/05/2015	ND	2.06	103	2.00	0.220	
Ethylbenzene*	<0.050	0.050	06/05/2015	ND	2.04	102	2.00	1.75	
Total Xylenes*	<0.150	0.150	06/05/2015	ND	5.99	99.8	6.00	0.973	
Total BTX	<0.300	0.300	06/05/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/09/2015	ND	416	104	400	3.77	

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	06/05/2015	ND	178	89.1	200	4.57	
DRO >C10-C28	190	10.0	06/05/2015	ND	193	96.3	200	5.36	

Surrogate: 1-Chlorooctane 102 % 47.2-157

Surrogate: 1-Chlorooctadecane 132 % 52.1-176

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Received: 06/03/2015
Reported: 06/10/2015
Project Name: NMCE STATE BATTERY
Project Number: NONE GIVEN
Project Location: MONUMENT, NM

Sampling Date: 05/27/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 4 @ 3' (H501432-12)

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	06/05/2015	ND	2.32	116	2.00	0.935	
Toluene*	<0.050	0.050	06/05/2015	ND	2.06	103	2.00	0.220	
Ethylbenzene*	<0.050	0.050	06/05/2015	ND	2.04	102	2.00	1.75	
Total Xylenes*	<0.150	0.150	06/05/2015	ND	5.99	99.8	6.00	0.973	
Total BTX	<0.300	0.300	06/05/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/09/2015	ND	416	104	400	3.77	

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	06/05/2015	ND	178	89.1	200	4.57	
DRO >C10-C28	13.0	10.0	06/05/2015	ND	193	96.3	200	5.36	

Surrogate: 1-Chlorooctane 104 % 47.2-157

Surrogate: 1-Chlorooctadecane 130 % 52.1-176

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Analytical Results For:

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

Received:	06/03/2015	Sampling Date:	05/27/2015
Reported:	06/10/2015	Sampling Type:	Soil
Project Name:	NMCE STATE BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

Sample ID: SP 4 @ 4' (H501432-13)

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	06/05/2015	ND	2.32	116	2.00	0.935	
Toluene*	<0.050	0.050	06/05/2015	ND	2.06	103	2.00	0.220	
Ethylbenzene*	<0.050	0.050	06/05/2015	ND	2.04	102	2.00	1.75	
Total Xylenes*	<0.150	0.150	06/05/2015	ND	5.99	99.8	6.00	0.973	
Total BTX	<0.300	0.300	06/05/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	06/09/2015	ND	416	104	400	3.77	

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	06/05/2015	ND	178	89.1	200	4.57	
DRO >C10-C28	201	10.0	06/05/2015	ND	193	96.3	200	5.36	

Surrogate: 1-Chlorooctane 112 % 47.2-157

Surrogate: 1-Chlorooctadecane 137 % 52.1-176

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

Received: 06/03/2015
Reported: 06/10/2015
Project Name: NMCE STATE BATTERY
Project Number: NONE GIVEN
Project Location: MONUMENT, NM

Sampling Date: 05/27/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 5 @ 1' (H501432-14)

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	06/05/2015	ND	2.32	116	2.00	0.935	
Toluene*	<0.050	0.050	06/05/2015	ND	2.06	103	2.00	0.220	
Ethylbenzene*	<0.050	0.050	06/05/2015	ND	2.04	102	2.00	1.75	
Total Xylenes*	<0.150	0.150	06/05/2015	ND	5.99	99.8	6.00	0.973	
Total BTX	<0.300	0.300	06/05/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2720	16.0	06/09/2015	ND	416	104	400	3.77	

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	06/05/2015	ND	178	89.1	200	4.57	
DRO >C10-C28	<10.0	10.0	06/05/2015	ND	193	96.3	200	5.36	

Surrogate: 1-Chlorooctane 97.2 % 47.2-157

Surrogate: 1-Chlorooctadecane 121 % 52.1-176

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Received:	06/03/2015	Sampling Date:	05/27/2015
Reported:	06/10/2015	Sampling Type:	Soil
Project Name:	NMCE STATE BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

Sample ID: SP 5 @ 3' (H501432-15)

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	06/05/2015	ND	2.32	116	2.00	0.935		
Toluene*	<0.050	0.050	06/05/2015	ND	2.06	103	2.00	0.220		
Ethylbenzene*	<0.050	0.050	06/05/2015	ND	2.04	102	2.00	1.75		
Total Xylenes*	<0.150	0.150	06/05/2015	ND	5.99	99.8	6.00	0.973		
Total BTEx	<0.300	0.300	06/05/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/09/2015	ND	416	104	400	3.77	

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	06/05/2015	ND	178	89.1	200	4.57	
DRO >C10-C28	<10.0	10.0	06/05/2015	ND	193	96.3	200	5.36	

Surrogate: 1-Chlorooctane 109 % 47.2-157

Surrogate: 1-Chlorooctadecane 133 % 52.1-176

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Received:	06/03/2015	Sampling Date:	05/27/2015
Reported:	06/10/2015	Sampling Type:	Soil
Project Name:	NMCE STATE BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

Sample ID: SP 5 @ 4' (H501432-16)

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	06/05/2015	ND	2.32	116	2.00	0.935	
Toluene*	<0.050	0.050	06/05/2015	ND	2.06	103	2.00	0.220	
Ethylbenzene*	<0.050	0.050	06/05/2015	ND	2.04	102	2.00	1.75	
Total Xylenes*	<0.150	0.150	06/05/2015	ND	5.99	99.8	6.00	0.973	
Total BTX	<0.300	0.300	06/05/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	592	16.0	06/09/2015	ND	416	104	400	3.77	

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	06/05/2015	ND	178	89.1	200	4.57	
DRO >C10-C28	92.1	10.0	06/05/2015	ND	193	96.3	200	5.36	

Surrogate: 1-Chlorooctane 113 % 47.2-157

Surrogate: 1-Chlorooctadecane 141 % 52.1-176

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Received:	06/03/2015	Sampling Date:	05/28/2015
Reported:	06/10/2015	Sampling Type:	Soil
Project Name:	NMCE STATE BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

Sample ID: SP 6 @ 1' (H501432-17)

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	06/05/2015	ND	2.32	116	2.00	0.935	
Toluene*	<0.050	0.050	06/05/2015	ND	2.06	103	2.00	0.220	
Ethylbenzene*	<0.050	0.050	06/05/2015	ND	2.04	102	2.00	1.75	
Total Xylenes*	<0.150	0.150	06/05/2015	ND	5.99	99.8	6.00	0.973	
Total BTX	<0.300	0.300	06/05/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/09/2015	ND	416	104	400	3.77	

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	06/05/2015	ND	178	89.1	200	4.57	
DRO >C10-C28	494	10.0	06/05/2015	ND	193	96.3	200	5.36	

Surrogate: 1-Chlorooctane 107 % 47.2-157

Surrogate: 1-Chlorooctadecane 151 % 52.1-176

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Received:	06/03/2015	Sampling Date:	05/28/2015
Reported:	06/10/2015	Sampling Type:	Soil
Project Name:	NMCE STATE BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

Sample ID: SP 6 @ 2' (H501432-18)

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	06/05/2015	ND	2.32	116	2.00	0.935	
Toluene*	<0.050	0.050	06/05/2015	ND	2.06	103	2.00	0.220	
Ethylbenzene*	<0.050	0.050	06/05/2015	ND	2.04	102	2.00	1.75	
Total Xylenes*	<0.150	0.150	06/05/2015	ND	5.99	99.8	6.00	0.973	
Total BTX	<0.300	0.300	06/05/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	06/09/2015	ND	416	104	400	3.77	

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	06/05/2015	ND	178	89.1	200	4.57	
DRO >C10-C28	15.5	10.0	06/05/2015	ND	193	96.3	200	5.36	

Surrogate: 1-Chlorooctane 105 % 47.2-157

Surrogate: 1-Chlorooctadecane 131 % 52.1-176

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

Received: 06/03/2015
Reported: 06/10/2015
Project Name: NMCE STATE BATTERY
Project Number: NONE GIVEN
Project Location: MONUMENT, NM

Sampling Date: 05/28/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 7 @ 1' (H501432-19)

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	06/05/2015	ND	2.32	116	2.00	0.935	
Toluene*	<0.050	0.050	06/05/2015	ND	2.06	103	2.00	0.220	
Ethylbenzene*	<0.050	0.050	06/05/2015	ND	2.04	102	2.00	1.75	
Total Xylenes*	<0.150	0.150	06/05/2015	ND	5.99	99.8	6.00	0.973	
Total BTEX	<0.300	0.300	06/05/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	06/09/2015	ND	416	104	400	3.77	

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	06/05/2015	ND	178	89.1	200	4.57	
DRO >C10-C28	171	10.0	06/05/2015	ND	193	96.3	200	5.36	

Surrogate: 1-Chlorooctane 105 % 47.2-157

Surrogate: 1-Chlorooctadecane 151 % 52.1-176

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Received: 06/03/2015
Reported: 06/10/2015
Project Name: NMCE STATE BATTERY
Project Number: NONE GIVEN
Project Location: MONUMENT, NM

Sampling Date: 05/28/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 7 @ 2' (H501432-20)

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	06/05/2015	ND	2.32	116	2.00	0.935	
Toluene*	<0.050	0.050	06/05/2015	ND	2.06	103	2.00	0.220	
Ethylbenzene*	<0.050	0.050	06/05/2015	ND	2.04	102	2.00	1.75	
Total Xylenes*	<0.150	0.150	06/05/2015	ND	5.99	99.8	6.00	0.973	
Total BTEX	<0.300	0.300	06/05/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	06/09/2015	ND	416	104	400	3.77	

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	06/05/2015	ND	178	89.1	200	4.57	
DRO >C10-C28	<10.0	10.0	06/05/2015	ND	193	96.3	200	5.36	

Surrogate: 1-Chlorooctane 100 % 47.2-157

Surrogate: 1-Chlorooctadecane 120 % 52.1-176

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Fax To: (575) 397-0397

Received:	06/03/2015	Sampling Date:	05/28/2015
Reported:	06/10/2015	Sampling Type:	Soil
Project Name:	NMCE STATE BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

Sample ID: SP 8 @ 1' (H501432-21)

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	06/05/2015	ND	2.10	105	2.00	0.975		
Toluene*	<0.050	0.050	06/05/2015	ND	1.88	93.9	2.00	0.635		
Ethylbenzene*	<0.050	0.050	06/05/2015	ND	1.85	92.5	2.00	1.03		
Total Xylenes*	<0.150	0.150	06/05/2015	ND	5.34	89.0	6.00	1.42		
Total BTEx	<0.300	0.300	06/05/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/09/2015	ND	416	104	400	3.77	

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	06/05/2015	ND	178	89.1	200	4.57	
DRO >C10-C28	23.8	10.0	06/05/2015	ND	193	96.3	200	5.36	

Surrogate: 1-Chlorooctane 103 % 47.2-157

Surrogate: 1-Chlorooctadecane 131 % 52.1-176

Cardinal Laboratories

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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:	06/03/2015	Sampling Date:	05/28/2015
Reported:	06/10/2015	Sampling Type:	Soil
Project Name:	NMCE STATE BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

Sample ID: SP 8 @ 2' (H501432-22)

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	06/05/2015	ND	2.10	105	2.00	0.975	
Toluene*	<0.050	0.050	06/05/2015	ND	1.88	93.9	2.00	0.635	
Ethylbenzene*	<0.050	0.050	06/05/2015	ND	1.85	92.5	2.00	1.03	
Total Xylenes*	<0.150	0.150	06/05/2015	ND	5.34	89.0	6.00	1.42	
Total BTX	<0.300	0.300	06/05/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	06/09/2015	ND	416	104	400	3.77	

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	06/05/2015	ND	178	89.1	200	4.57	
DRO >C10-C28	56.6	10.0	06/05/2015	ND	193	96.3	200	5.36	

Surrogate: 1-Chlorooctane 98.1 % 47.2-157

Surrogate: 1-Chlorooctadecane 126 % 52.1-176

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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:	06/03/2015	Sampling Date:	05/28/2015
Reported:	06/10/2015	Sampling Type:	Soil
Project Name:	NMCE STATE BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MONUMENT, NM		

Sample ID: SP 9 @ 1' (H501432-23)

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	06/06/2015	ND	2.10	105	2.00	0.975		
Toluene*	<0.050	0.050	06/06/2015	ND	1.88	93.9	2.00	0.635		
Ethylbenzene*	<0.050	0.050	06/06/2015	ND	1.85	92.5	2.00	1.03		
Total Xylenes*	<0.150	0.150	06/06/2015	ND	5.34	89.0	6.00	1.42		
Total BTEx	<0.300	0.300	06/06/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2840	16.0	06/09/2015	ND	416	104	400	3.77	

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	06/04/2015	ND	182	91.1	200	4.08	
DRO >C10-C28	<10.0	10.0	06/04/2015	ND	171	85.6	200	7.32	

Surrogate: 1-Chlorooctane 87.7 % 47.2-157

Surrogate: 1-Chlorooctadecane 92.9 % 52.1-176

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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: 06/03/2015
Reported: 06/10/2015
Project Name: NMCE STATE BATTERY
Project Number: NONE GIVEN
Project Location: MONUMENT, NM

Sampling Date: 05/28/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 9 @ 2' (H501432-24)

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	06/06/2015	ND	2.10	105	2.00	0.975	
Toluene*	<0.050	0.050	06/06/2015	ND	1.88	93.9	2.00	0.635	
Ethylbenzene*	<0.050	0.050	06/06/2015	ND	1.85	92.5	2.00	1.03	
Total Xylenes*	<0.150	0.150	06/06/2015	ND	5.34	89.0	6.00	1.42	
Total BTEx	<0.300	0.300	06/06/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1230	16.0	06/09/2015	ND	400	100	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	06/05/2015	ND	182	91.1	200	4.08	
DRO >C10-C28	<10.0	10.0	06/05/2015	ND	171	85.6	200	7.32	

Surrogate: 1-Chlorooctane 82.1 % 47.2-157

Surrogate: 1-Chlorooctadecane 86.4 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

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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Celey D. Keene, Lab Director/Quality Manager



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

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

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(505) 393-2326 FAX (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

~~2/3~~[illegible]



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.

Project Manager: Cliff Brunson

Address: P.O. Box 805

City: Hobbs

Phone #: 575-397-6388

Project #:

Project Name:

Project Location:

Sampler Name:

FOR LAB USE ONLY

BILL TO

ANALYSIS REQUEST

P.O. #:

Company:

Attn:

Address:

City:

State: zip:

Phone #:

Fax #:

MATRIX

PRESERV

SAMPLING

Lab I.D.

Sample I.D.

H501432

21

22

23

24

SP801

SP901

SP902

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

TPH

BTEX

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Relinquished By:

W. J. C. no. 15

Date: 6-3-05

Time: 3:40

Received By:

Chadi Menden

Phone Result:

Yes

No

Add'l Phone #:

Fax Result:

Yes

No

Add'l Fax #:

REMARKS:

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

-1.120

Sample Condition

Cool

Intact

Yes

Yes

No

No

Checked By:

(Initials)

AW

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#54



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

July 30, 2015

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: NMCE STATE BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 07/23/15 11:08.

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: 07/23/2015
Reported: 07/30/2015
Project Name: NMCE STATE BATTERY
Project Number: NONE GIVEN
Project Location: MONUMENT, NM

Sampling Date: 07/22/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Judy Garcia

Sample ID: SB1 @ 3 (H501919-01)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2560	16.0	07/29/2015	ND	416	104	400	3.92	

Sample ID: SB1 @ 5 (H501919-02)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3800	16.0	07/29/2015	ND	416	104	400	3.92	

Sample ID: SB1 @ 10 (H501919-03)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	960	16.0	07/29/2015	ND	416	104	400	3.92	

Sample ID: SB1 @ 15 (H501919-04)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/29/2015	ND	416	104	400	3.92	

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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: 07/23/2015
Reported: 07/30/2015
Project Name: NMCE STATE BATTERY
Project Number: NONE GIVEN
Project Location: MONUMENT, NM

Sampling Date: 07/22/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Judy Garcia

Sample ID: SB1 @ 20 (H501919-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	07/29/2015	ND	416	104	400	3.92		

Sample ID: SB2 @ 5 (H501919-06)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4440	16.0	07/29/2015	ND	416	104	400	3.92	

Sample ID: SB2 @ 10 (H501919-07)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	784	16.0	07/29/2015	ND	416	104	400	3.92	

Sample ID: SB2 @ 15 (H501919-08)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/29/2015	ND	416	104	400	3.92	

Sample ID: SB2 @ 17 (H501919-09)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/29/2015	ND	416	104	400	3.92	

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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:	07/23/2015	Sampling Date:	07/22/2015
Reported:	07/30/2015	Sampling Type:	Soil
Project Name:	NMCE STATE BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Judy Garcia
Project Location:	MONUMENT, NM		

Sample ID: SB3 @ 6 (H501919-10)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	592	16.0	07/29/2015	ND	416	104	400	3.92		

Sample ID: SB3 @ 11 (H501919-11)

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	07/29/2015	ND	416	104	400	3.92	

Sample ID: SB3 @ 12 (H501919-12)

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	07/29/2015	ND	416	104	400	3.92		

Sample ID: SB4 @ 5 (H501919-13)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	07/29/2015	ND	416	104	400	3.92	

Sample ID: SB4 @ 6 (H501919-14)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	07/29/2015	ND	416	104	400	3.92	

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Analytical Results For:

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

Received: 07/23/2015
Reported: 07/30/2015
Project Name: NMCE STATE BATTERY
Project Number: NONE GIVEN
Project Location: MONUMENT, NM

Sampling Date: 07/22/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Judy Garcia

Sample ID: SP10 @ SURFACE (H501919-15)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/29/2015	ND	416	104	400	3.92		

Sample ID: SP10 @ 1 (H501919-16)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/29/2015	ND	416	104	400	3.92	

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

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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Celey D. Keene, Lab Director/Quality Manager



CARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2/2

Company Name: BBC International, Inc.
Project Manager: Cliff Brunson
Address: P.O. Box 805
City: Hobbs
Phone #: 575-397-6388
State: NM Zip: 88241
Fax #: 575-397-0397

Project Name: NM SE St. Battery
Project Location: 11.555
Sample Name: BH

P.O. #:
Company:
Attn:
Address:
City:
State:
Zip:
Phone #:
Fax #:

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME										
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :												
450919	SB3011	G1	1	X	X	X	X	X	X	7.22	911	X									
	SB405	G1	1	X	X	X	X	X	X	6:35	635	X									
	SP100 SURFACE	G1	1	X	X	X	X	X	X	1000	1000	X									
		G1	1	X	X	X	X	X	X	1012	1012	X									

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 the client for the 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 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.

Relinquished By: <u>Robert H. 8</u>	Date: <u>7.23.15</u>	Received By: <u>Cliff Brunson</u>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #: _____
Delivered By: <u>Cliff Brunson</u>	Time: <u>9:06</u>	Time: <u>11:08</u>	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #: _____
Sampler - UPS - Bus - Other: <u>0.8c</u>	Sample Condition: <u>Intact</u>	CHECKED BY: <u>Cliff Brunson</u>	REMARKS:	

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

#54

Kathy Purvis

From: Keyes, Jamie, EMNRD <Jamie.Keyes@state.nm.us>
Sent: Wednesday, September 30, 2015 4:04 PM
To: Cliff Brunson; Jones, Kellie, EMNRD
Cc: Oberding, Tomas, EMNRD; Dusty Wilson; Jennifer_Duarte@oxy.com; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: RE: OXY - NM CE State Battery - Remediation Plan

Good afternoon,

The work plan is approved with the following condition: Due to groundwater depth of approximately 50ft and contamination to at least 10ft bgs the regulatory threshold for contamination is 250ppm, therefore OCD requests that a liner be installed around SB1, SB2, and SB3.

Thank you,

Jamie

From: Cliff Brunson [<mailto:cbrunson@bbcinternational.com>]
Sent: Monday, September 28, 2015 4:36 PM
To: Jones, Kellie, EMNRD
Cc: Keyes, Jamie, EMNRD; Oberding, Tomas, EMNRD; Dusty Wilson; Jennifer_Duarte@oxy.com; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: OXY - NM CE State Battery - Remediation Plan

Kellie,

This e-mail is to confirm our discussion today concerning the remediation plan for the Oxy NM CE State Battery. I have attached the information packet that we used in our discussion with a cover page describing the remediation plan that we agreed upon.

If you would please reply back via e-mail with your concurrence on this plan, it would be greatly appreciated.

Thanks, Cliff

Cliff P. Brunson, CEI, CRS
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