

RECEIVED

By OCD District 1 at 1:17 pm, Aug 20, 2015

Form C-141

Revised August 8, 2011

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

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	Kelly State Battery	Facility Type	Abandoned battery site
Surface Owner	State	Mineral Owner	API No. 30-025-10744

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
L	16	23S	37E					Lea County, NM

Latitude N 32.30073° Longitude W 103.17226°**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.			

APPROVED

By OCD District 1 at 1:17 pm, Aug 20, 2015

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:

Printed Name: Chancey Summers

Title: HES Lead

E-mail Address: Chancey_Summers@oxy.comDate: 2-23-15 Phone: (432) 685-5824**OIL CONSERVATION DIVISION**Approved by Environmental Specialist: *Janet Hoyer*Approval Date: 08/20/2015Expiration Date: ///

Conditions of Approval:

Geotagged photos of remediation required.

Attached ☐
IRP-3815

* Attach Additional Sheets If Necessary

pJXK1523247627

nJXK1523247438



PHONE (575) 397-6388 • FAX (575) 397- 0397 • 1324 W. MARLAND • P.O. BOX 805 • HOBBS, NM 88241-0805
E-MAIL: cbrunson@bbcinternational.com

OXY – FORMER KELLY STATE BATTERY

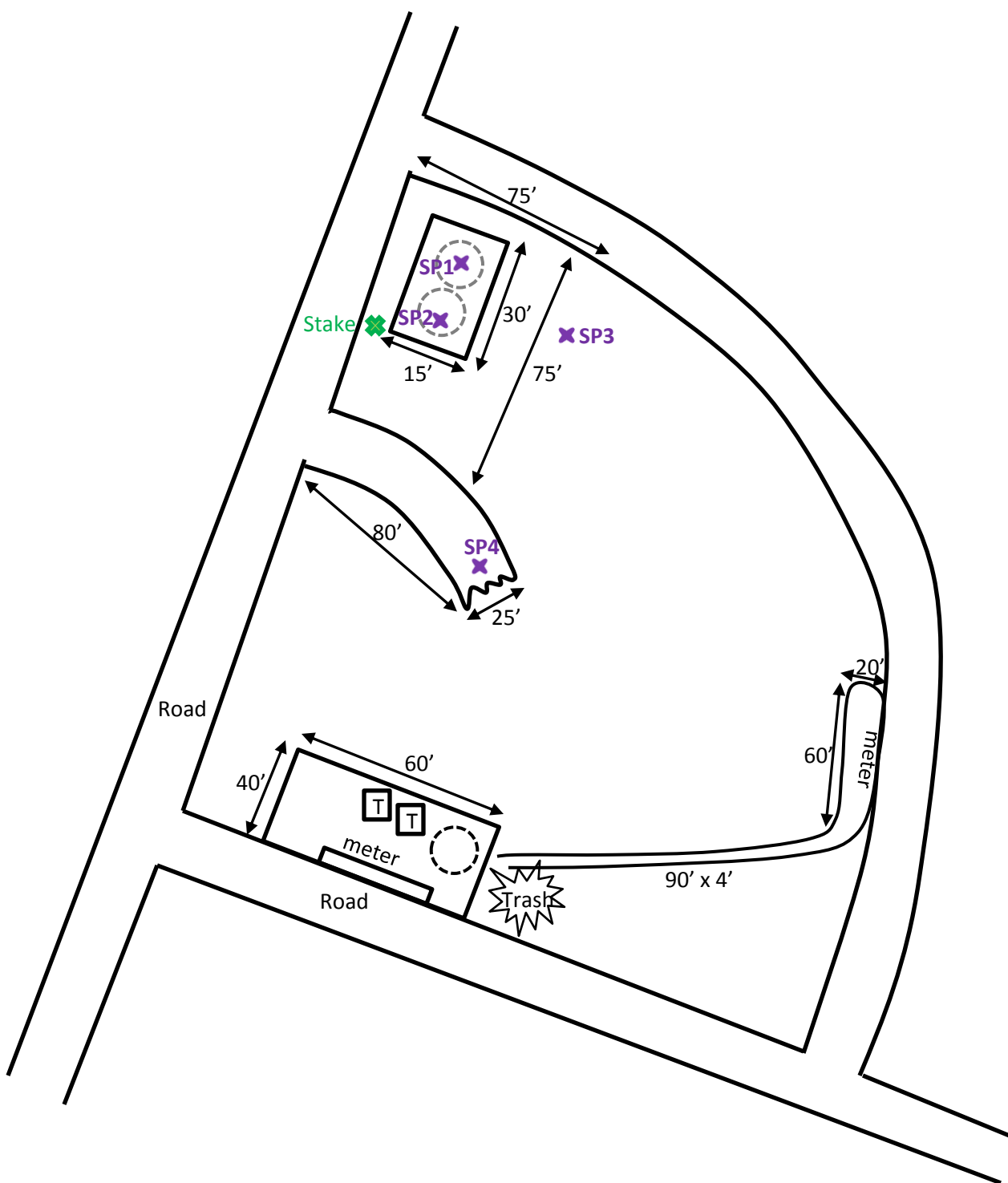
REMEDIATION PLAN

OXY will surface scrape the battery area covered by sample points SP1-SP4 as depicted on the following site diagram. In addition, some of the road access will be removed and blocked from further use. All excavated materials will be disposed of at an NMOCD-approved disposal facility.

The site will then be backfilled with clean soil, contoured to grade, and seeded.



Oxy
Kelly State Battery



SW ¼, Section 16, T23S, R37E
Lea County, NM
N 32.30073° W 103.17226°

BBC International, Inc.

Oxy
Kelly State Battery

Date: 7/14/15

DRWG by: K. Purvis

NOT TO SCALE

File: Oxy Rec. 2015

Groundwater Plot

Oxy Kelly State Battery

County
Lea

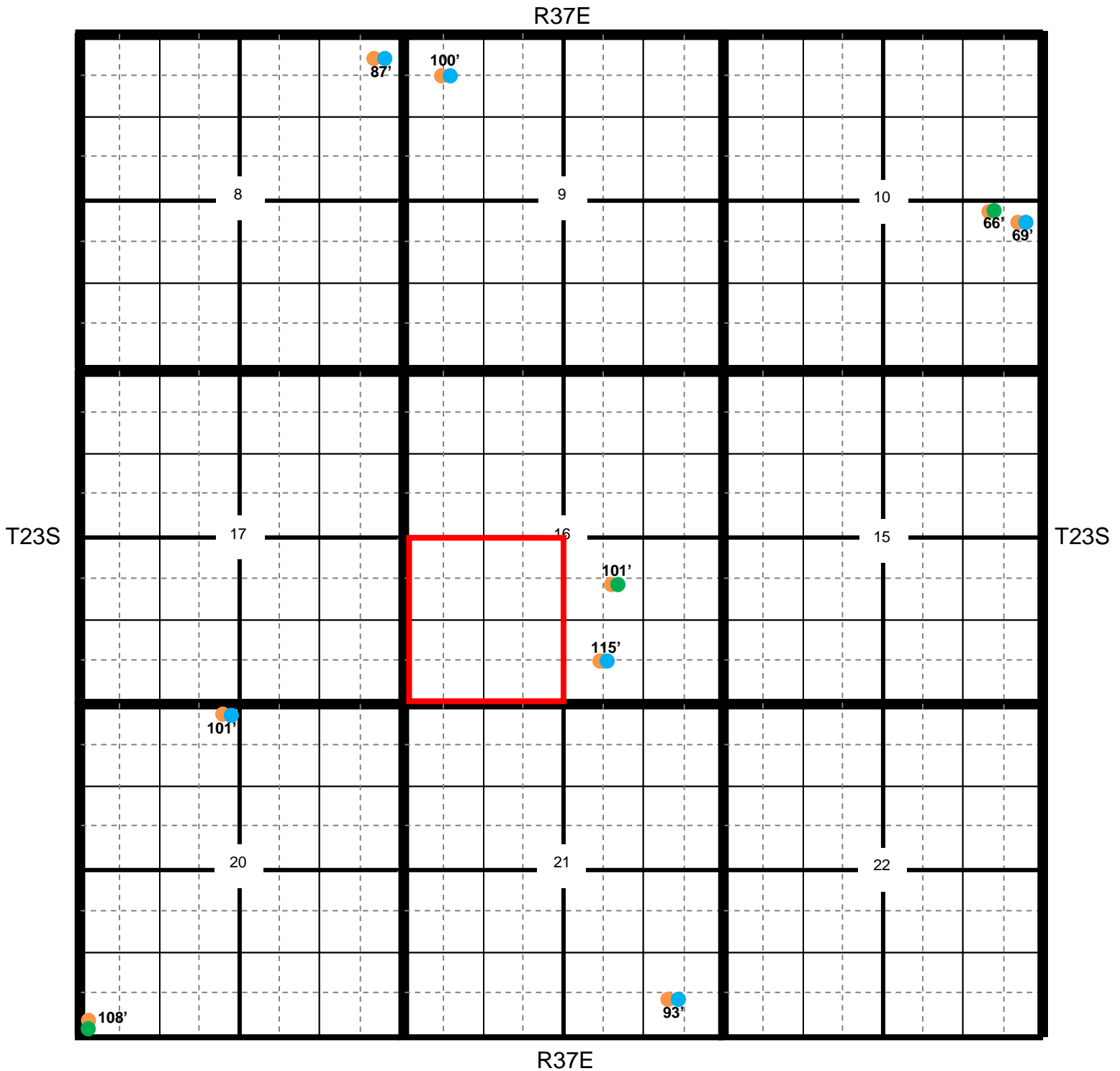
Unit Letter
SW ¼

Section
16

Township
23S

Range
37E

Trend Map 100'



Location

OCD

USGS

SEO

All Databases

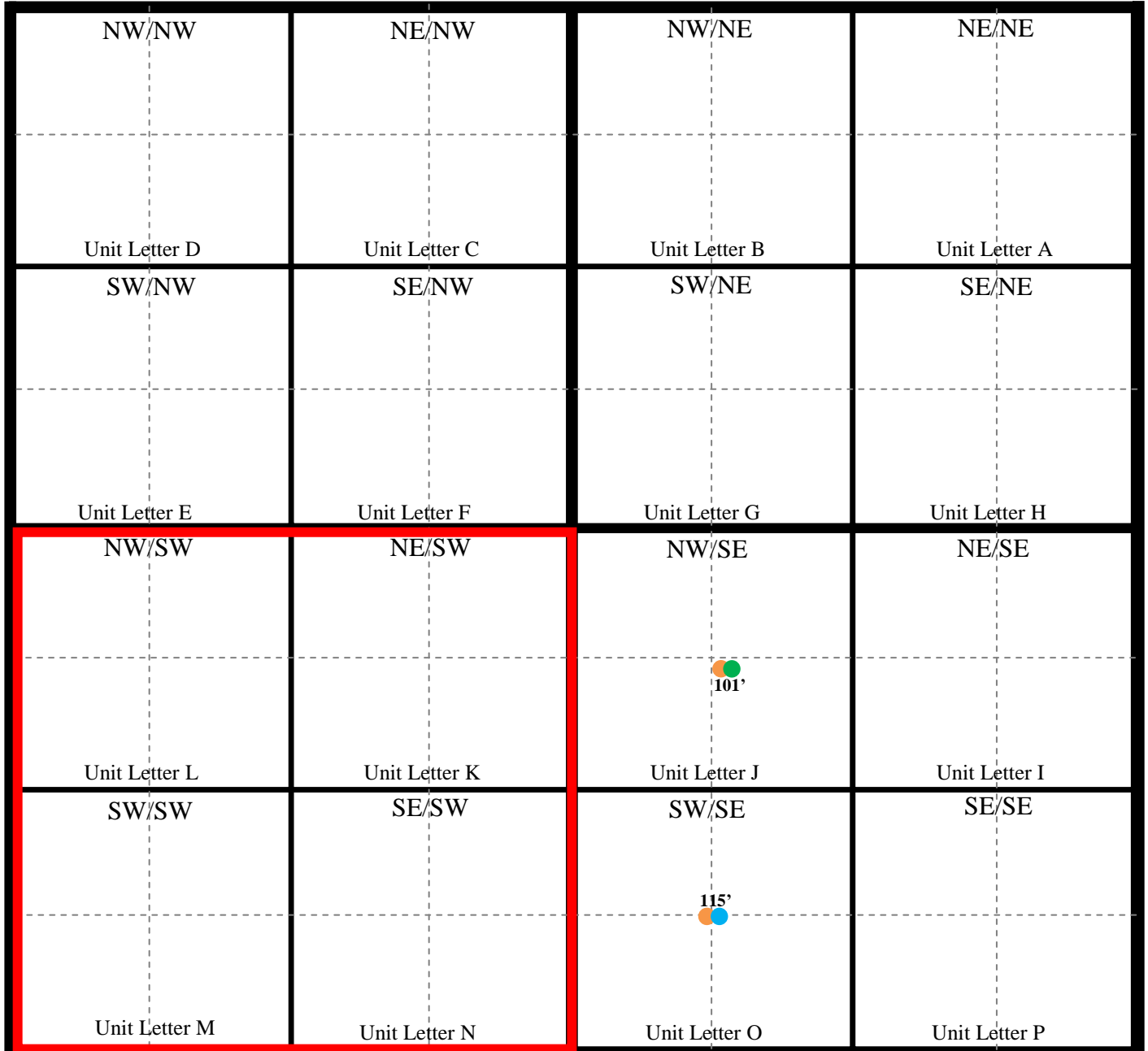
Oxy Kelly State Battery

County Lea **Unit Letter** SW ¼ **Section** 16 **Township** 23S **Range** 37E

Trend Map 100'

1

2



3

4

**Laboratory Analytical Results Summary
Kelly State Battery**

		Sample	SP1 @ SURFACE	SP1 @ 1'	SP1 @ 2'
Analyte	Method	Date	7/23/15	7/23/15	7/23/15
			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	<16.0	<16.0
GRO	TPH 8015M		<10.0	<10.0	<10.0
DRO	TPH 8015M		283	17.1	<10.0

		Sample	SP2 @ SURFACE	SP2 @ 1'	SP2 @ 2'
Analyte	Method	Date	7/23/15	7/23/15	7/23/15
			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	<16.0	<16.0
GRO	TPH 8015M		<10.0	<10.0	<10.0
DRO	TPH 8015M		247	44.6	<10.0

		Sample	SP3 @ SURFACE	SP3 @ 1'	SP3 @ 2'
Analyte	Method	Date	7/23/15	7/23/15	7/23/15
			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	<16.0	<16.0
GRO	TPH 8015M		<10.0	<50.0	<50.0
DRO	TPH 8015M		30.8	66.9	122

		Sample	SP4 @ SURFACE	SP4 @ 1'	SP4 @ 2'
Analyte	Method	Date	7/23/15	7/23/15	7/23/15
			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	<16.0	<16.0
GRO	TPH 8015M		<10.0	<50.0	<10.0
DRO	TPH 8015M		167	<50.0	<10.0



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: KELLY STATE BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 07/24/15 11:30.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

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: 07/24/2015
Reported: 07/30/2015
Project Name: KELLY STATE BATTERY
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 07/23/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 1 @ SURFACE (H501939-01)

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	07/28/2015	ND	2.00	99.8	2.00	2.36	
Toluene*	<0.050	0.050	07/28/2015	ND	1.99	99.5	2.00	3.33	
Ethylbenzene*	<0.050	0.050	07/28/2015	ND	2.09	104	2.00	4.58	
Total Xylenes*	<0.150	0.150	07/28/2015	ND	5.44	90.7	6.00	5.00	
Total BTX	<0.300	0.300	07/28/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 85.6-137

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	07/30/2015	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	07/28/2015	ND	209	105	200	0.987	
DRO >C10-C28	283	10.0	07/28/2015	ND	189	94.5	200	0.758	

Surrogate: 1-Chlorooctane 98.6 % 47.2-157

Surrogate: 1-Chlorooctadecane 118 % 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:	07/24/2015	Sampling Date:	07/23/2015
Reported:	07/30/2015	Sampling Type:	Soil
Project Name:	KELLY STATE BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 1 @ 1' (H501939-02)

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	07/28/2015	ND	2.00	99.8	2.00	2.36		
Toluene*	<0.050	0.050	07/28/2015	ND	1.99	99.5	2.00	3.33		
Ethylbenzene*	<0.050	0.050	07/28/2015	ND	2.09	104	2.00	4.58		
Total Xylenes*	<0.150	0.150	07/28/2015	ND	5.44	90.7	6.00	5.00		
Total BTX	<0.300	0.300	07/28/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 85.6-137

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	07/30/2015	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	07/28/2015	ND	209	105	200	0.987	
DRO >C10-C28	17.1	10.0	07/28/2015	ND	189	94.5	200	0.758	

Surrogate: 1-Chlorooctane 91.7 % 47.2-157

Surrogate: 1-Chlorooctadecane 106 % 52.1-176

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

Received:	07/24/2015	Sampling Date:	07/23/2015
Reported:	07/30/2015	Sampling Type:	Soil
Project Name:	KELLY STATE BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 1 @ 2' (H501939-03)

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	07/28/2015	ND	2.00	99.8	2.00	2.36	
Toluene*	<0.050	0.050	07/28/2015	ND	1.99	99.5	2.00	3.33	
Ethylbenzene*	<0.050	0.050	07/28/2015	ND	2.09	104	2.00	4.58	
Total Xylenes*	<0.150	0.150	07/28/2015	ND	5.44	90.7	6.00	5.00	
Total BTX	<0.300	0.300	07/28/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 122 % 85.6-137

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	07/30/2015	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	07/28/2015	ND	209	105	200	0.987	
DRO >C10-C28	<10.0	10.0	07/28/2015	ND	189	94.5	200	0.758	

Surrogate: 1-Chlorooctane 102 % 47.2-157

Surrogate: 1-Chlorooctadecane 108 % 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:	07/24/2015	Sampling Date:	07/23/2015
Reported:	07/30/2015	Sampling Type:	Soil
Project Name:	KELLY STATE BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 2 @ SURFACE (H501939-04)

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	07/28/2015	ND	2.00	99.8	2.00	2.36	
Toluene*	<0.050	0.050	07/28/2015	ND	1.99	99.5	2.00	3.33	
Ethylbenzene*	<0.050	0.050	07/28/2015	ND	2.09	104	2.00	4.58	
Total Xylenes*	<0.150	0.150	07/28/2015	ND	5.44	90.7	6.00	5.00	
Total BTX	<0.300	0.300	07/28/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 85.6-137

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	07/30/2015	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	07/28/2015	ND	209	105	200	0.987	
DRO >C10-C28	247	10.0	07/28/2015	ND	189	94.5	200	0.758	

Surrogate: 1-Chlorooctane 96.5 % 47.2-157

Surrogate: 1-Chlorooctadecane 110 % 52.1-176

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

Received:	07/24/2015	Sampling Date:	07/23/2015
Reported:	07/30/2015	Sampling Type:	Soil
Project Name:	KELLY STATE BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 2 @ 1' (H501939-05)

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	07/28/2015	ND	2.00	99.8	2.00	2.36	
Toluene*	<0.050	0.050	07/28/2015	ND	1.99	99.5	2.00	3.33	
Ethylbenzene*	<0.050	0.050	07/28/2015	ND	2.09	104	2.00	4.58	
Total Xylenes*	<0.150	0.150	07/28/2015	ND	5.44	90.7	6.00	5.00	
Total BTX	<0.300	0.300	07/28/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 85.6-137

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	07/30/2015	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	07/28/2015	ND	209	105	200	0.987	
DRO >C10-C28	44.6	10.0	07/28/2015	ND	189	94.5	200	0.758	

Surrogate: 1-Chlorooctane 99.0 % 47.2-157

Surrogate: 1-Chlorooctadecane 108 % 52.1-176

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	07/24/2015	Sampling Date:	07/23/2015
Reported:	07/30/2015	Sampling Type:	Soil
Project Name:	KELLY STATE BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 2 @ 2' (H501939-06)

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	07/28/2015	ND	2.00	99.8	2.00	2.36	
Toluene*	<0.050	0.050	07/28/2015	ND	1.99	99.5	2.00	3.33	
Ethylbenzene*	<0.050	0.050	07/28/2015	ND	2.09	104	2.00	4.58	
Total Xylenes*	<0.150	0.150	07/28/2015	ND	5.44	90.7	6.00	5.00	
Total BTX	<0.300	0.300	07/28/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 85.6-137

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	07/30/2015	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	07/28/2015	ND	209	105	200	0.987	
DRO >C10-C28	<10.0	10.0	07/28/2015	ND	189	94.5	200	0.758	

Surrogate: 1-Chlorooctane 96.0 % 47.2-157

Surrogate: 1-Chlorooctadecane 110 % 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:	07/24/2015	Sampling Date:	07/23/2015
Reported:	07/30/2015	Sampling Type:	Soil
Project Name:	KELLY STATE BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 3 @ SURFACE (H501939-07)

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	07/29/2015	ND	2.04	102	2.00	1.20	
Toluene*	<0.050	0.050	07/29/2015	ND	2.10	105	2.00	1.21	
Ethylbenzene*	<0.050	0.050	07/29/2015	ND	2.24	112	2.00	0.960	
Total Xylenes*	<0.150	0.150	07/29/2015	ND	5.93	98.8	6.00	2.60	
Total BTX	<0.300	0.300	07/29/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 121 % 85.6-137

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	07/30/2015	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	07/28/2015	ND	209	105	200	0.987	
DRO >C10-C28	30.8	10.0	07/28/2015	ND	189	94.5	200	0.758	

Surrogate: 1-Chlorooctane 103 % 47.2-157

Surrogate: 1-Chlorooctadecane 112 % 52.1-176

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Analytical Results For:

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

Received:	07/24/2015	Sampling Date:	07/23/2015
Reported:	07/30/2015	Sampling Type:	Soil
Project Name:	KELLY STATE BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 3 @ 1' (H501939-08)

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	07/29/2015	ND	2.04	102	2.00	1.20	
Toluene*	<0.050	0.050	07/29/2015	ND	2.10	105	2.00	1.21	
Ethylbenzene*	<0.050	0.050	07/29/2015	ND	2.24	112	2.00	0.960	
Total Xylenes*	<0.150	0.150	07/29/2015	ND	5.93	98.8	6.00	2.60	
Total BTX	<0.300	0.300	07/29/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 85.6-137

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	07/30/2015	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	<50.0	50.0	07/28/2015	ND	209	105	200	0.987	
DRO >C10-C28	66.9	50.0	07/28/2015	ND	189	94.5	200	0.758	

Surrogate: 1-Chlorooctane 95.3 % 47.2-157

Surrogate: 1-Chlorooctadecane 138 % 52.1-176

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Analytical Results For:

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

Received:	07/24/2015	Sampling Date:	07/23/2015
Reported:	07/30/2015	Sampling Type:	Soil
Project Name:	KELLY STATE BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 3 @ 2' (H501939-09)

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	07/29/2015	ND	2.04	102	2.00	1.20	
Toluene*	<0.050	0.050	07/29/2015	ND	2.10	105	2.00	1.21	
Ethylbenzene*	<0.050	0.050	07/29/2015	ND	2.24	112	2.00	0.960	
Total Xylenes*	<0.150	0.150	07/29/2015	ND	5.93	98.8	6.00	2.60	
Total BTX	<0.300	0.300	07/29/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 85.6-137

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	07/30/2015	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	<50.0	50.0	07/28/2015	ND	209	105	200	0.987	
DRO >C10-C28	122	50.0	07/28/2015	ND	189	94.5	200	0.758	

Surrogate: 1-Chlorooctane 147 % 47.2-157

Surrogate: 1-Chlorooctadecane 188 % 52.1-176

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Received:	07/24/2015	Sampling Date:	07/23/2015
Reported:	07/30/2015	Sampling Type:	Soil
Project Name:	KELLY STATE BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 4 @ SURFACE (H501939-10)

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	07/29/2015	ND	2.04	102	2.00	1.20		
Toluene*	<0.050	0.050	07/29/2015	ND	2.10	105	2.00	1.21		
Ethylbenzene*	<0.050	0.050	07/29/2015	ND	2.24	112	2.00	0.960		
Total Xylenes*	<0.150	0.150	07/29/2015	ND	5.93	98.8	6.00	2.60		
Total BTX	<0.300	0.300	07/29/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 85.6-137

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	07/30/2015	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	07/28/2015	ND	209	105	200	0.987	
DRO >C10-C28	167	10.0	07/28/2015	ND	189	94.5	200	0.758	

Surrogate: 1-Chlorooctane 101 % 47.2-157

Surrogate: 1-Chlorooctadecane 118 % 52.1-176

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Received:	07/24/2015	Sampling Date:	07/23/2015
Reported:	07/30/2015	Sampling Type:	Soil
Project Name:	KELLY STATE BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 4 @ 1' (H501939-11)

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	07/29/2015	ND	2.04	102	2.00	1.20	
Toluene*	<0.050	0.050	07/29/2015	ND	2.10	105	2.00	1.21	
Ethylbenzene*	<0.050	0.050	07/29/2015	ND	2.24	112	2.00	0.960	
Total Xylenes*	<0.150	0.150	07/29/2015	ND	5.93	98.8	6.00	2.60	
Total BTEx	<0.300	0.300	07/29/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 85.6-137

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	07/30/2015	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	<50.0	50.0	07/28/2015	ND	209	105	200	0.987	
DRO >C10-C28	<50.0	50.0	07/28/2015	ND	189	94.5	200	0.758	

Surrogate: 1-Chlorooctane 96.4 % 47.2-157

Surrogate: 1-Chlorooctadecane 125 % 52.1-176

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

Received:	07/24/2015	Sampling Date:	07/23/2015
Reported:	07/30/2015	Sampling Type:	Soil
Project Name:	KELLY STATE BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 4 @ 2' (H501939-12)

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	07/29/2015	ND	2.04	102	2.00	1.20	
Toluene*	<0.050	0.050	07/29/2015	ND	2.10	105	2.00	1.21	
Ethylbenzene*	<0.050	0.050	07/29/2015	ND	2.24	112	2.00	0.960	
Total Xylenes*	<0.150	0.150	07/29/2015	ND	5.93	98.8	6.00	2.60	
Total BTX	<0.300	0.300	07/29/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 122 % 85.6-137

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	07/30/2015	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	07/28/2015	ND	209	105	200	0.987	
DRO >C10-C28	<10.0	10.0	07/28/2015	ND	189	94.5	200	0.758	

Surrogate: 1-Chlorooctane 102 % 47.2-157

Surrogate: 1-Chlorooctadecane 117 % 52.1-176

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Notes and Definitions

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

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2 of 2

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