

# Closure Report

## Site Description

Site Name:	Neff Federal #1 & #3 SWD Battery
Company:	Oxy Permian Ltd.
Legal Description:	U/L C, Section 25, T22S, R31E
County:	Eddy County, NM
GPS Coordinates:	N 32.36779° W 103.73335°

## Release Data

Date of Release:	05/27/2014
Type of Release:	Produced water
Source of Release:	Tank Overflow due to power loss
Volume of Release:	650 bbls
Volume Recovered:	550 bbls

## Remediation Specifications

Remediation Parameters:	Excavate 2.5' around SP1, 1.5' around SP2 & SP5, 4.5' around SP3, surface scrape around SP4, 1' around SP6, 3.5' around SP7, 2' around SP8, and 5.5' around SP9. Obtain confirmation samples in the areas of SP1, SP2, SP3, SP7, SP8, and SP9. Then, backfill the site with clean soil.
Remediation Activities:	12/15/2014 to 01/16/2015

Plan Sent to OCD:	10/29/2014	Email from Cliff Brunson to Mike Bratcher
OCD Approval of Plan:	11/04/2014	Email from Mike Bratcher to Cliff Brunson
Plan Sent to BLM:	10/29/2014	Email from Cliff Brunson to Sol Hughes
BLM Approval of Plan:	10/30/2014	Email from Sol Hughes to Cliff Brunson

## Supporting Documentation

Initial C-141	Signed 06/23/2014
Final C-141	Signed 02/03/2015
Site Diagram	June 2014
Groundwater Plot	175'-200'
TOPO Maps	June 2014
Lab Summary	08/27/2014, 09/03/2014-09/05/2014, and 01/18/2015
Lab Analysis	08/27/2014, 09/03/2014-09/05/2014, and 01/18/2015
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.

03/02/2015

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-141  
Revised August 8, 2011

Submit 1 Copy to appropriate District Office in  
accordance with 19.15.29 NMAC.

## Release Notification and Corrective Action

### OPERATOR

☒ Initial Report ☐ Final Report

Name of Company	Oxy Permian Ltd.	Contact	Chancey Summers
Address	1017 W. Stanolind Rd, Hobbs, NM 88240	Telephone No.	(575) 397-8216
Facility Name	Neff Federal #1 and #3 SWD Battery	Facility Type	Battery
Surface Owner	BLM	Mineral Owner	API No.30-015-28281(nearest well)

### LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
C	25	22S	31E					Eddy County, NM

Latitude N 32.36779° Longitude W 103.73335°

### NATURE OF RELEASE

Type of Release	Produced water	Volume of Release	650 bbls	Volume Recovered	550 bbls
Source of Release	Bad electrical storms caused line fuse on power pole to trip and trigger the tanks to run over from power loss to battery	Date and Hour of Occurrence	05/27/2014	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?	Mike Bratcher, NMOCD and Jennifer VanCuren, BLM		
By Whom?	Kathy Purvis, BBC International	Date and Hour	05/27/2014 @ 2:35 pm		
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.\*

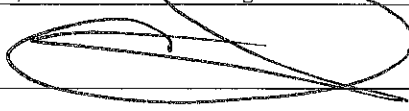
Describe Cause of Problem and Remedial Action Taken.\*

Bad electrical storms caused the line fuse on the power pole to trip and trigger the tanks to run over spilling 650 bbls of produced water onto the ground. A vacuum truck recovered 550 bbls of produced water and the power to the pole was restored.

Describe Area Affected and Cleanup Action Taken.\*

The affected area is approximately 200' x 180' east of the battery and west of the well head, but still on location. Remediation will be completed in accordance with a remediation plan approved by NMOCD and the BLM.

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: 	<b>OIL CONSERVATION DIVISION</b>		
Printed Name: Chancey Summers	Approved by Environmental Specialist:		
Title: HES Specialist	Approval Date:	Expiration Date:	
E-mail Address: <u>Chancey.Summers@oxy.com</u>	Conditions of Approval:		Attached <input type="checkbox"/>
Date: <u>6-23-14</u> Phone: (575) 397-8216			

\* Attach Additional Sheets If Necessary

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	Christopher Jones
Address	1502 W. Commerce Dr., Carlsbad, NM	Telephone No.	(575) 628-4121
Facility Name	Neff Federal #1 and #3 SWD Battery	Facility Type	Battery
Surface Owner	BLM	Mineral Owner	API No.30-015-28281(nearest well)

### LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
C	25	22S	31E					Eddy County, NM

Latitude N 32.36779° Longitude W 103.73335°

### NATURE OF RELEASE

Type of Release	Produced water	Volume of Release	650 bbls	Volume Recovered	550 bbls
Source of Release	Bad electrical storms caused line fuse on power pole to trip and trigger the tanks to run over from power loss to battery	Date and Hour of Occurrence	05/27/2014	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?	Mike Bratcher, NMOCD and Jennifer VanCuren, BLM		
By Whom?	Kathy Purvis, BBC International	Date and Hour	05/27/2014 @ 2:35 pm		
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.\*

Bad electrical storms caused the line fuse on the power pole to trip and trigger the tanks to run over spilling 650 bbls of produced water onto the ground. A vacuum truck recovered 550 bbls of produced water and the power to the pole was restored.

Describe Area Affected and Cleanup Action Taken.\*

The affected area is approximately 200' x 180' east of the battery and west of the well head, but still on location. Remediation was completed in accordance with the remediation plan approved by Mike Bratcher of NMOCD via email on 11/04/2015 and approved by Sol Hughes of the BLM via email on 10/30/2015.

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:	<u>OIL CONSERVATION DIVISION</u>		
Printed Name: Christopher Jones	Approved by Environmental Specialist:		
Title: HES Specialist	Approval Date:	Expiration Date:	
E-mail Address: <a href="mailto:Christopher.Jones@oxy.com">Christopher.Jones@oxy.com</a>	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 02/03/2015	Phone: (575) 628-4121		

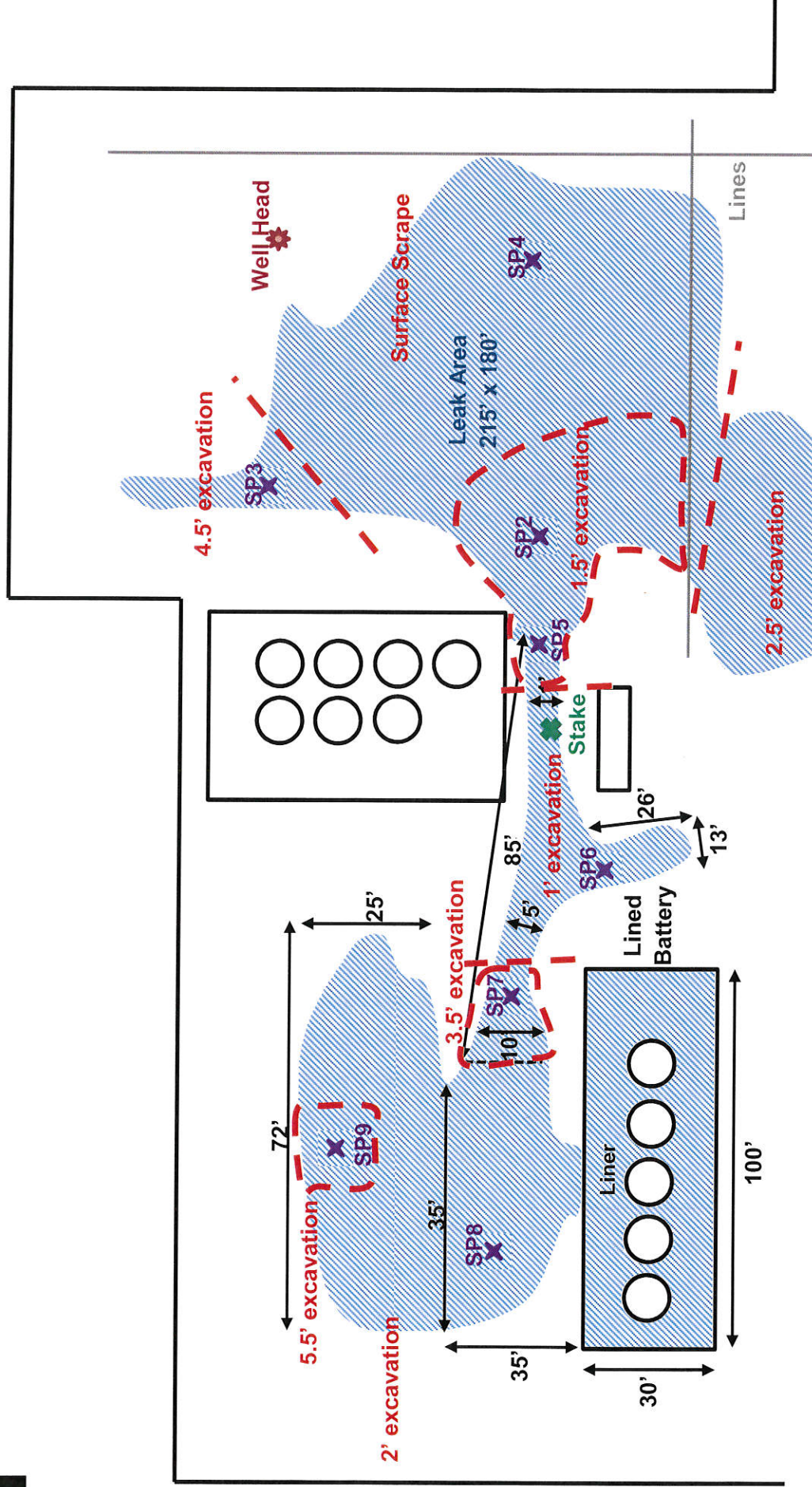
\* Attach Additional Sheets If Necessary





Oxy

# Neff Federal #1 & #3 SWD Battery (05/27/2014)



U/L C, Section 25, T22S, R31E  
Eddy County, NM  
N 32.36779° W 103.73335°

BBC International, Inc.	
Oxy	
Neff Federal #1 & #3 SWD Battery	
Date: 06/18/2014	DRWG by: K. Purvis
NOT TO SCALE	File: Oxy 2014



# Groundwater Plot

## Oxy Neff Federal #1 & #3 SWD Battery

County  
Eddy

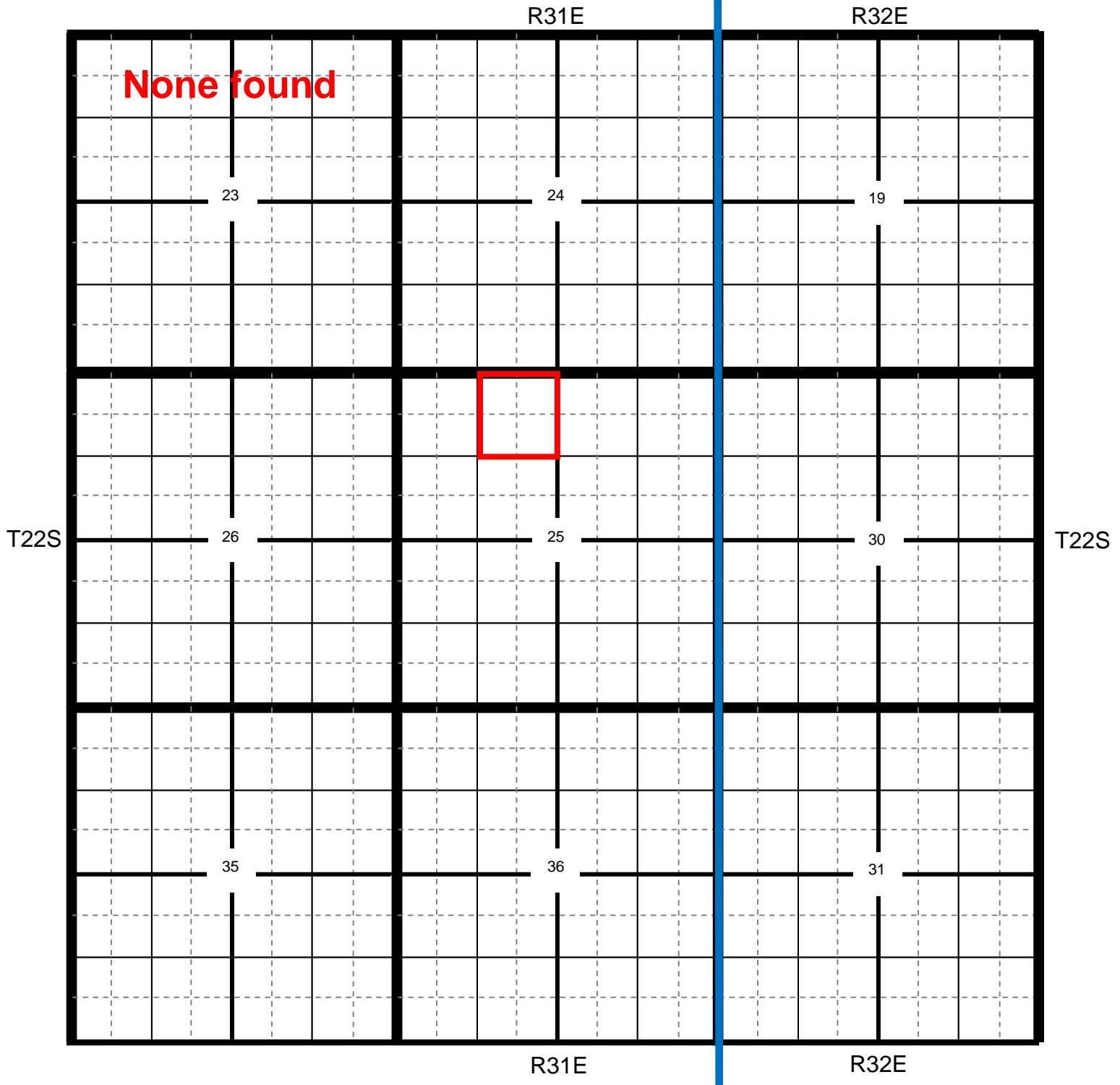
Unit Letter  
C

Section  
25

Township  
22S

Range  
31E

Trend Map 175'-200'



Location

OCD

USGS

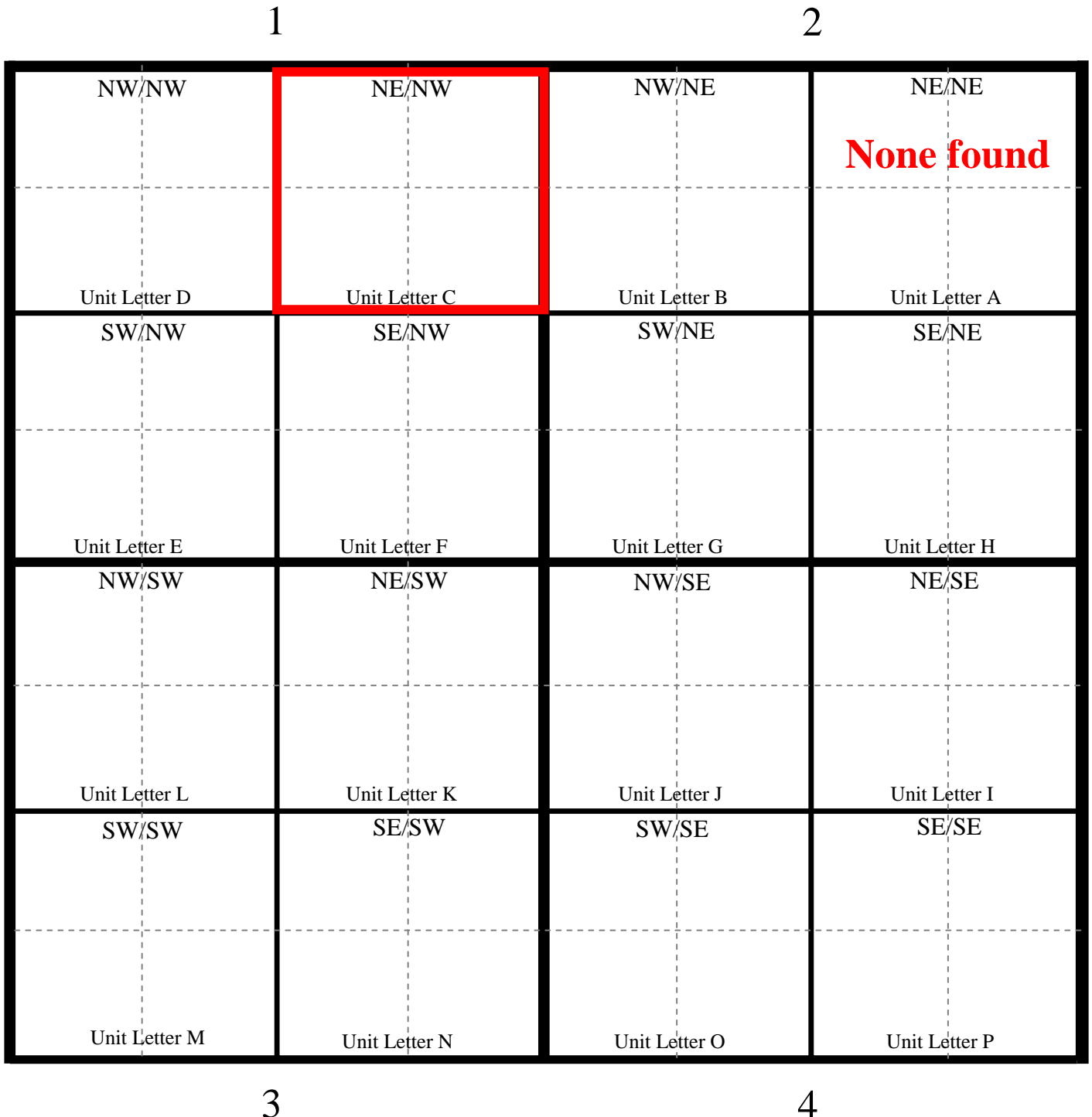
SEO

All Databases

## Oxy Neff Federal #1 & #3 SWD Battery

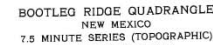
County Eddy      Unit Letter C      Section 25      Township 22S      Range 31E

Trend Map 175'-200'





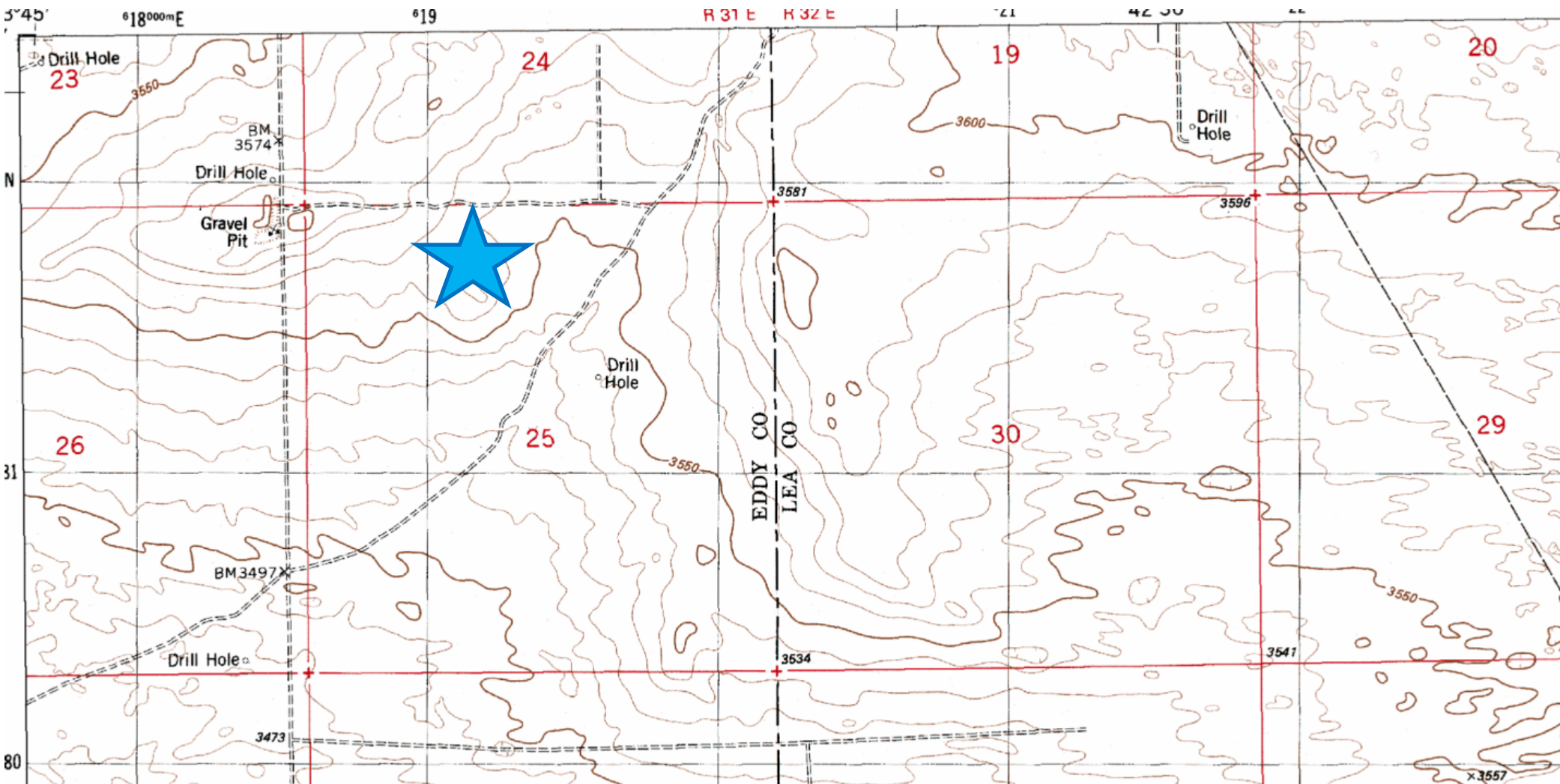
Oxy





# Oxy

## Neff Federal #1 & #3 SWD Battery





**Laboratory Analytical Results Summary**  
**Neff Federal #1 #3 SWD Battery, (5/27/14 leak)**

		Sample	SP1 @ 1'	SP1 @ 2'	SP1 @ 3'	SP1 @ 5'	SP1 @ 6'
Analyte	Method	Date	8/27/14	8/27/14	8/27/14	8/27/14	8/27/14
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
<b>Benzene</b>	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a
<b>Toluene</b>	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a
<b>Ethylbenzene</b>	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a
<b>Total Xylenes</b>	BTEX 8021B		<0.150	n/a	n/a	n/a	n/a
<b>Total BTEX</b>	BTEX 8021B		<0.300	n/a	n/a	n/a	n/a
<b>Chloride</b>	SM4500CI-B		<b>14200</b>	<b>6000</b>	<b>688</b>	<b>480</b>	<b>16</b>
<b>GRO</b>	TPH 8015M		<10.0	n/a	n/a	n/a	n/a
<b>DRO</b>	TPH 8015M		<10.0	n/a	n/a	n/a	n/a

		Sample	SP2 @ 1'	SP2 @ 2'	SP2 @ 3'	SP2 @ 5'	SP2 @ 6'
Analyte	Method	Date	8/27/14	8/27/14	8/27/14	8/27/14	8/27/14
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
<b>Benzene</b>	BTEX 8021B		n/a	n/a	n/a	n/a	n/a
<b>Toluene</b>	BTEX 8021B		n/a	n/a	n/a	n/a	n/a
<b>Ethylbenzene</b>	BTEX 8021B		n/a	n/a	n/a	n/a	n/a
<b>Total Xylenes</b>	BTEX 8021B		n/a	n/a	n/a	n/a	n/a
<b>Total BTEX</b>	BTEX 8021B		n/a	n/a	n/a	n/a	n/a
<b>Chloride</b>	SM4500CI-B		<b>1720</b>	<b>384</b>	<b>608</b>	<b>544</b>	<b>192</b>
<b>GRO</b>	TPH 8015M		n/a	n/a	n/a	n/a	n/a
<b>DRO</b>	TPH 8015M		n/a	n/a	n/a	n/a	n/a

		Sample	SP3 @ 1'	SP3 @ 3'	SP3 @ 4'	SP3 @ 5'	SP3 @ 6'
Analyte	Method	Date	8/27/14	8/27/14	8/27/14	8/27/14	8/27/14
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
<b>Benzene</b>	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a
<b>Toluene</b>	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a
<b>Ethylbenzene</b>	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a
<b>Total Xylenes</b>	BTEX 8021B		<0.150	n/a	n/a	n/a	n/a
<b>Total BTEX</b>	BTEX 8021B		<0.300	n/a	n/a	n/a	n/a
<b>Chloride</b>	SM4500CI-B		<b>3840</b>	<b>7680</b>	<b>1710</b>	<b>432</b>	<b>288</b>
<b>GRO</b>	TPH 8015M		<10.0	n/a	n/a	n/a	n/a
<b>DRO</b>	TPH 8015M		<10.0	n/a	n/a	n/a	n/a

		Sample	SP4 @ 1'	SP4 @ 2'
Analyte	Method	Date	8/27/14	8/27/14
			mg/Kg	mg/Kg
<b>Benzene</b>	BTEX 8021B		n/a	n/a
<b>Toluene</b>	BTEX 8021B		n/a	n/a
<b>Ethylbenzene</b>	BTEX 8021B		n/a	n/a
<b>Total Xylenes</b>	BTEX 8021B		n/a	n/a
<b>Total BTEX</b>	BTEX 8021B		n/a	n/a
<b>Chloride</b>	SM4500CI-B		<b>304</b>	<b>336</b>
<b>GRO</b>	TPH 8015M		n/a	n/a
<b>DRO</b>	TPH 8015M		n/a	n/a

**Laboratory Analytical Results Summary**  
**Neff Federal #1 #3 SWD Battery, (5/27/14 leak)**

		Sample	SP5 @ 1'	SP5 @ 2'
Analyte	Method	Date	9/3/14	9/3/14
			mg/Kg	mg/Kg
<b>Chloride</b>	SM4500CI-B		<b>1020</b>	<b>32</b>

		Sample	SP6 @ 1'	SP6 @ 3'	SP6 @ 5'
Analyte	Method	Date	9/3/14	9/3/14	9/3/14
			mg/Kg	mg/Kg	mg/Kg
<b>Chloride</b>	SM4500CI-B		<b>864</b>	<b>352</b>	<b>&lt;16.0</b>

		Sample	SP7 @ 1'	SP7 @ 3'	SP7 @ 5'	SP7 @ 6'
Analyte	Method	Date	9/3/14	9/3/14	9/3/14	9/3/14
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
<b>Chloride</b>	SM4500CI-B		<b>1500</b>	<b>1150</b>	<b>688</b>	<b>224</b>

		Sample	SP8 @ 1'	SP8 @ 3'	SP8 @ 5'	SP8 @ 7'
Analyte	Method	Date	9/5/14	9/5/14	9/5/14	9/5/14
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
<b>Chloride</b>	SM4500CI-B		<b>2960</b>	<b>880</b>	<b>352</b>	<b>320</b>

		Sample	SP9 @ 1'	SP9 @ 3'	SP9 @ 5'	SP9 @ 7'	SP9 @ 8'
Analyte	Method	Date	9/5/14	9/5/14	9/5/14	9/5/14	9/5/14
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
<b>Chloride</b>	SM4500CI-B		<b>480</b>	<b>1800</b>	<b>2080</b>	<b>592</b>	<b>288</b>

**Laboratory Analytical Results Summary**  
**Neff Federal #1 #3 SWD Battery**

<b>Confirmation</b>		<b>Sample</b>	<b>SP1 @ 2.5'</b>	<b>SP2 @ 1.5'</b>	<b>SP3 @ 4.5'</b>	<b>SP7 @ 3.5'</b>	<b>SP8 @ 2'</b>	<b>SP9 @ 5.5'</b>
<b>Analyte</b>	<b>Method</b>	<b>Date</b>	1/8/15	1/8/15	1/8/15	1/8/15	1/8/15	1/8/15
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
<b>Chloride</b>	SM4500Cl-B		<b>64</b>	<b>48</b>	<b>64</b>	<b>128</b>	<b>64</b>	<b>112</b>



September 11, 2014

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: NEFF FEDERAL #1 & #3 SWD BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 09/05/14 9:15.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,



Celey D. Keene

Lab Director/Quality Manager

**Analytical Results For:**

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

Received:	09/05/2014	Sampling Date:	08/27/2014
Reported:	09/11/2014	Sampling Type:	Soil
Project Name:	NEFF FEDERAL #1 & #3 SWD BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

**Sample ID: SP 1 @ 1 (H402766-01)**

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	09/10/2014	ND	1.95	97.6	2.00	10.2	
Toluene*	<0.050	0.050	09/10/2014	ND	1.75	87.7	2.00	10.3	
Ethylbenzene*	<0.050	0.050	09/10/2014	ND	1.60	80.2	2.00	10.7	
Total Xylenes*	<0.150	0.150	09/10/2014	ND	4.85	80.9	6.00	10.8	
Total BTEX	<0.300	0.300	09/10/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	14200	16.0	09/11/2014	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	09/08/2014	ND	157	78.7	200	3.06	
DRO >C10-C28	<10.0	10.0	09/08/2014	ND	182	90.8	200	10.2	

Surrogate: 1-Chlorooctane 96.6 % 65.2-140

Surrogate: 1-Chlorooctadecane 110 % 63.6-154

**Sample ID: SP 1 @ 2 (H402766-02)**

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AP				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6000	16.0	09/11/2014	ND	400	100	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:	09/05/2014	Sampling Date:	08/27/2014
Reported:	09/11/2014	Sampling Type:	Soil
Project Name:	NEFF FEDERAL #1 & #3 SWD BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

**Sample ID: SP 1 @ 3 (H402766-03)**

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	09/11/2014	ND	400	100	400	3.92	

**Sample ID: SP 1 @ 5 (H402766-04)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	09/11/2014	ND	400	100	400	3.92	

**Sample ID: SP 1 @ 6 (H402766-05)**

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	09/11/2014	ND	400	100	400	3.92	

**Sample ID: SP 2 @ 1 (H402766-06)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1720	16.0	09/11/2014	ND	400	100	400	3.92	

**Sample ID: SP 2 @ 2 (H402766-07)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	09/11/2014	ND	400	100	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:	09/05/2014	Sampling Date:	08/27/2014
Reported:	09/11/2014	Sampling Type:	Soil
Project Name:	NEFF FEDERAL #1 & #3 SWD BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

**Sample ID: SP 2 @ 3 (H402766-08)**

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	09/11/2014	ND	400	100	400	3.92	

**Sample ID: SP 2 @ 5 (H402766-09)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	09/11/2014	ND	400	100	400	3.92	

**Sample ID: SP 2 @ 6 (H402766-10)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	09/11/2014	ND	400	100	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:	09/05/2014	Sampling Date:	08/27/2014
Reported:	09/11/2014	Sampling Type:	Soil
Project Name:	NEFF FEDERAL #1 & #3 SWD BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

**Sample ID: SP 3 @ 1 (H402766-11)**

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	09/10/2014	ND	1.95	97.6	2.00	10.2		
Toluene*	<0.050	0.050	09/10/2014	ND	1.75	87.7	2.00	10.3		
Ethylbenzene*	<0.050	0.050	09/10/2014	ND	1.60	80.2	2.00	10.7		
Total Xylenes*	<0.150	0.150	09/10/2014	ND	4.85	80.9	6.00	10.8		
Total BTX	<0.300	0.300	09/10/2014	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 89.4-126

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3840	16.0	09/11/2014	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	09/08/2014	ND	157	78.7	200	3.06	
DRO >C10-C28	<10.0	10.0	09/08/2014	ND	182	90.8	200	10.2	

Surrogate: 1-Chlorooctane 93.5 % 65.2-140

Surrogate: 1-Chlorooctadecane 108 % 63.6-154

**Sample ID: SP 3 @ 3 (H402766-12)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7680	16.0	09/11/2014	ND	400	100	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:	09/05/2014	Sampling Date:	08/27/2014
Reported:	09/11/2014	Sampling Type:	Soil
Project Name:	NEFF FEDERAL #1 & #3 SWD BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

**Sample ID: SP 3 @ 4 (H402766-13)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1710	16.0	09/11/2014	ND	400	100	400	3.92	

**Sample ID: SP 3 @ 5 (H402766-14)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	09/11/2014	ND	400	100	400	3.92	

**Sample ID: SP 3 @ 6 (H402766-15)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	09/11/2014	ND	400	100	400	3.92	

**Sample ID: SP 4 @ 1 (H402766-16)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	09/11/2014	ND	400	100	400	3.92	

**Sample ID: SP 4 @ 2 (H402766-17)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	09/11/2014	ND	400	100	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**

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





**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.		P.O. #:		BILL TO										ANALYSIS REQUEST													
Project Manager: Cliff Brunson		Company:																									
Address: P.O. Box 805		Attn:																									
City: Hobbs		State: NM		Zip: 88241																							
Phone #: 575-397-6388		Fax #: 575-397-0397		Address:																							
Project #:		Project Owner: DTY		City: SPM																							
Project Name: MFT #1 + #3 - SWD		State: Zip:		Phone #:																							
Project Location: MFT #1 + #3 - SWD		Fax #:																									
Sampler Name: MFT #1 + #3 - SWD																											
FOR LAB USE ONLY																											
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP		# CONTAINERS		GROUNDWATER		WASTEWATER		MATRIX		PRESERV		SAMPLING											
				SOIL		OIL		SLUDGE		OTHER:		ACID/BASE:		ICE / COOL		OTHER:											
H027166		3P106		X		X		X		X		X		X		X		TPH									
2		E3		X		X		X		X		X		X		X		BTX									
3		E5		X		X		X		X		X		X		X		CL									
4		E6		X		X		X		X		X		X		X											
5		3P201		X		X		X		X		X		X		X											
6		E2		X		X		X		X		X		X		X											
7		E3		X		X		X		X		X		X		X											
8		E5		X		X		X		X		X		X		X											
9		E6		X		X		X		X		X		X		X											
10		E3		X		X		X		X		X		X		X											
11		E5		X		X		X		X		X		X		X											
12		E6		X		X		X		X		X		X		X											
13		E3		X		X		X		X		X		X		X											
14		E5		X		X		X		X		X		X		X											
15		E6		X		X		X		X		X		X		X											
16		E3		X		X		X		X		X		X		X											
17		E5		X		X		X		X		X		X		X											
18		E6		X		X		X		X		X		X		X											
19		E3		X		X		X		X		X		X		X											
20		E5		X		X		X		X		X		X		X											
21		E6		X		X		X		X		X		X		X											
22		E3		X		X		X		X		X		X		X											
23		E5		X		X		X		X		X		X		X											
24		E6		X		X		X		X		X		X		X											
25		E3		X		X		X		X		X		X		X											
26		E5		X		X		X		X		X		X		X											
27		E6		X		X		X		X		X		X		X											
28		E3		X		X		X		X		X		X		X											
29		E5		X		X		X		X		X		X		X											
30		E6		X		X		X		X		X		X		X											
31		E3		X		X		X		X		X		X		X											
32		E5		X		X		X		X		X		X		X											
33		E6		X		X		X		X		X		X		X											
34		E3		X		X		X		X		X		X		X											
35		E5		X		X		X		X		X		X		X											
36		E6		X		X		X		X		X		X		X											
37		E3		X		X		X		X		X		X		X											
38		E5		X		X		X		X		X		X		X											
39		E6		X		X		X		X		X		X		X											
40		E3		X		X		X		X		X		X		X											
41		E5		X		X		X		X		X		X		X											
42		E6		X		X		X		X		X		X		X											
43		E3		X		X		X		X		X		X		X											
44		E5		X		X		X		X		X		X		X											
45		E6		X		X		X		X		X		X		X											
46		E3		X		X		X		X		X		X		X											
47		E5		X		X		X		X		X		X		X											
48		E6		X		X		X		X		X		X		X											
49		E3		X		X		X		X		X		X		X											
50		E5		X		X		X		X		X		X		X											
51		E6		X		X		X		X		X		X		X											
52		E3		X		X		X		X		X		X		X											
53		E5		X		X		X		X		X		X		X											
54		E6		X		X		X		X		X		X		X											
55		E3		X		X		X		X		X		X		X											
56		E5		X		X		X		X		X		X		X											
57		E6		X		X		X		X		X		X		X											
58		E3		X		X		X		X		X		X		X											
59		E5		X		X		X		X		X		X		X											
60		E6		X		X		X		X		X		X		X											
61		E3		X		X		X		X		X		X		X											
62		E5		X		X		X		X		X		X		X											
63		E6		X		X		X		X		X		X		X											
64		E3		X		X		X		X		X		X		X											
65		E5		X		X		X		X		X		X		X											
66		E6		X		X		X		X		X		X		X											
67		E3		X		X		X		X		X		X		X											
68		E5		X		X		X		X		X		X		X											
69		E6		X		X		X		X		X		X		X											
70		E3		X		X		X		X		X		X		X											
71		E5		X		X		X		X		X		X		X											
72		E6		X		X		X		X		X		X		X											
73		E3		X		X		X		X		X		X		X											
74		E5		X		X		X		X		X		X		X											
75		E6		X		X		X		X		X		X		X											
76		E3		X		X		X		X		X		X		X											
77		E5		X		X		X		X		X		X		X											
78		E6		X		X		X		X		X		X		X											
79		E3		X		X		X		X		X		X		X											
80		E5		X		X		X		X		X		X		X											
81		E6		X		X		X		X		X		X		X											
82		E3		X		X		X		X		X		X		X											
83		E5		X		X		X		X		X		X		X											
84		E6		X		X		X		X		X		X		X											
85		E3		X		X		X		X		X		X		X											
86		E5		X		X		X		X		X		X		X											
87		E6		X		X		X		X		X		X		X											
88		E3		X		X		X		X		X		X		X											
89		E5		X		X		X		X		X		X		X											
90		E6		X		X		X		X		X		X		X											
91		E3		X		X		X		X		X		X		X											
92		E5		X		X		X		X		X		X		X											
93		E6		X		X		X		X		X		X		X											
94		E3		X		X		X		X		X		X		X											
95		E5		X		X		X		X		X		X		X											
96		E6		X		X		X		X		X		X		X											
97		E3		X		X		X		X		X		X		X											
98		E5		X		X		X		X		X		X		X											
99		E6		X		X		X		X		X		X		X											
100		E3		X		X		X		X		X		X		X											

PLEASE NOTE: Liability and Damages. Cardinal's liability and claims 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 of the 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:

Relinquished By:

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

Date:

Time:

Date:

Time:

Received By:

Received By:

Sample Condition

Cool ☐ Intact ☐

Yes ☐ No ☐

Phone Result:

Fax Result:

REMARKS:

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

#54









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

---

September 12, 2014

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: NEFF FEDERAL #1 & #3 SWD BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 09/08/14 16:55.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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:	09/08/2014	Sampling Date:	09/03/2014
Reported:	09/12/2014	Sampling Type:	Soil
Project Name:	NEFF FEDERAL #1 & #3 SWD BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

**Sample ID: SP 5 @ 1 (H402786-01)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1020	16.0	09/11/2014	ND	416	104	400	3.92	

**Sample ID: SP 5 @ 2 (H402786-02)**

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	09/11/2014	ND	416	104	400	3.92	

**Sample ID: SP 6 @ 1 (H402786-03)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	864	16.0	09/11/2014	ND	416	104	400	3.92	

**Sample ID: SP 6 @ 3 (H402786-04)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	09/11/2014	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:	09/08/2014	Sampling Date:	09/03/2014
Reported:	09/12/2014	Sampling Type:	Soil
Project Name:	NEFF FEDERAL #1 & #3 SWD BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

**Sample ID: SP 6 @ 5 (H402786-05)**

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	09/11/2014	ND	416	104	400	3.92		

**Sample ID: SP 7 @ 1 (H402786-06)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1500	16.0	09/11/2014	ND	400	100	400	0.00	

**Sample ID: SP 7 @ 3 (H402786-07)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1150	16.0	09/11/2014	ND	400	100	400	0.00	

**Sample ID: SP 7 @ 5 (H402786-08)**

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	09/11/2014	ND	400	100	400	0.00	

**Sample ID: SP 7 @ 6 (H402786-09)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	09/11/2014	ND	400	100	400	0.00	

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:	09/08/2014	Sampling Date:	09/05/2014
Reported:	09/12/2014	Sampling Type:	Soil
Project Name:	NEFF FEDERAL #1 & #3 SWD BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

**Sample ID: SP 8 @ 1 (H402786-10)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2960	16.0	09/11/2014	ND	400	100	400	0.00	

**Sample ID: SP 8 @ 3 (H402786-11)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	880	16.0	09/11/2014	ND	400	100	400	0.00	

**Sample ID: SP 8 @ 5 (H402786-12)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	09/11/2014	ND	400	100	400	0.00	

**Sample ID: SP 8 @ 7 (H402786-13)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	09/11/2014	ND	400	100	400	0.00	

**Sample ID: SP 9 @ 1 (H402786-14)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	09/11/2014	ND	400	100	400	0.00	

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:	09/08/2014	Sampling Date:	09/05/2014
Reported:	09/12/2014	Sampling Type:	Soil
Project Name:	NEFF FEDERAL #1 & #3 SWD BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

**Sample ID: SP 9 @ 3 (H402786-15)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1800	16.0	09/11/2014	ND	400	100	400	0.00		

**Sample ID: SP 9 @ 5 (H402786-16)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2080	16.0	09/11/2014	ND	400	100	400	0.00	

**Sample ID: SP 9 @ 7 (H402786-17)**

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	09/11/2014	ND	400	100	400	0.00	

**Sample ID: SP 9 @ 8 (H402786-18)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	09/11/2014	ND	400	100	400	0.00	

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**

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



# CARDINAL 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.		<b>BILL TO</b>		ANALYSIS REQUEST																													
Project Manager: Cliff Brunson		P.O. #:																															
Address: P.O. Box 805		Company:																															
City: Hobbs		Attn:																															
Phone #: 575-397-6388		Address:																															
Fax #: 575-397-0397		City:																															
Project #:		State:																															
Project Name: <i>Nett 1+3 SWD (5-27-14)</i>		Zip:																															
Project Location: <i>Mills Ranch</i>		Phone #:																															
Sampler Name: <i>JEFF BRUNSON</i>		Fax #:																															
FOR LAB USE ONLY		PRESERV		SAMPLING																													
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV		SAMPLING																							
		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME											
<i>H40786</i>	<i>SP501</i>	<i>1</i>		<i>1</i>		<i>X</i>		<i>X</i>		<i>X</i>		<i>X</i>		<i>X</i>		<i>X</i>		<i>X</i>		<i>9-3</i>		<i>1015</i>		<i>X</i>									
<i>2</i>	<i>SP601</i>	<i>1</i>		<i>1</i>		<i>X</i>		<i>X</i>		<i>X</i>		<i>X</i>		<i>X</i>		<i>X</i>		<i>X</i>		<i>9-3</i>		<i>1053</i>		<i>X</i>									
<i>3</i>	<i>SP701</i>	<i>1</i>		<i>1</i>		<i>X</i>		<i>X</i>		<i>X</i>		<i>X</i>		<i>X</i>		<i>X</i>		<i>X</i>		<i>9-3</i>		<i>1111</i>		<i>X</i>									
<i>4</i>	<i>SP801</i>	<i>1</i>		<i>1</i>		<i>X</i>		<i>X</i>		<i>X</i>		<i>X</i>		<i>X</i>		<i>X</i>		<i>X</i>		<i>9-3</i>		<i>1149</i>		<i>X</i>									
<i>5</i>	<i>SP901</i>	<i>1</i>		<i>1</i>		<i>X</i>		<i>X</i>		<i>X</i>		<i>X</i>		<i>X</i>		<i>X</i>		<i>X</i>		<i>9-3</i>		<i>1155</i>		<i>X</i>									
<i>6</i>	<i>SP1001</i>	<i>1</i>		<i>1</i>		<i>X</i>		<i>X</i>		<i>X</i>		<i>X</i>		<i>X</i>		<i>X</i>		<i>X</i>		<i>9-3</i>		<i>1239</i>		<i>X</i>									
<i>7</i>	<i>SP1101</i>	<i>1</i>		<i>1</i>		<i>X</i>		<i>X</i>		<i>X</i>		<i>X</i>		<i>X</i>		<i>X</i>		<i>X</i>		<i>9-3</i>		<i>1333</i>		<i>X</i>									
<i>8</i>	<i>SP1201</i>	<i>1</i>		<i>1</i>		<i>X</i>		<i>X</i>		<i>X</i>		<i>X</i>		<i>X</i>		<i>X</i>		<i>X</i>		<i>9-3</i>		<i>1351</i>		<i>X</i>									
<i>9</i>	<i>SP1301</i>	<i>1</i>		<i>1</i>		<i>X</i>		<i>X</i>		<i>X</i>		<i>X</i>		<i>X</i>		<i>X</i>		<i>X</i>		<i>9-3</i>		<i>1404</i>		<i>X</i>									
<i>10</i>	<i>SP1401</i>	<i>1</i>		<i>1</i>		<i>X</i>		<i>X</i>		<i>X</i>		<i>X</i>		<i>X</i>		<i>X</i>		<i>X</i>		<i>9-3</i>		<i>1441</i>		<i>X</i>									
PLEASE NOTE: Liability and Damages, Cardinal's liability and client's exclusive remedy for any claim arising from this contract or test, 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.		Relinquished By: <i>[Signature]</i>		Date: <i>8-14</i>		Time: <i>4:55</i>		Received By: <i>Rocio Limas</i>		Date: <i>8-14</i>		Time: <i>4:55</i>		Sample Condition: <i>Intact</i>		Cool: <i>Yes</i>		Intact: <i>Yes</i>		CHECKED BY: <i>[Signature]</i>		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:		Add'l Fax #:					
Relinquished By: <i>[Signature]</i>		Date: <i>8-14</i>		Time: <i>4:55</i>		Received By: <i>Rocio Limas</i>		Date: <i>8-14</i>		Time: <i>4:55</i>		Sample Condition: <i>Intact</i>		Cool: <i>Yes</i>		Intact: <i>Yes</i>		CHECKED BY: <i>[Signature]</i>		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:		Add'l Fax #:							
Delivered By: (Circle One)		Sampler - UPS - Bus - Other:		CHECKED BY: <i>[Signature]</i>		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:		Add'l Fax #:																					

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

#54





# CARDINAL LABORATORIES

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

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

4/2

Company Name: BBC International, Inc.		<b>BILL TO</b>		ANALYSIS REQUEST																	
Project Manager: Cliff Brunson		P.O. #:																			
Address: P.O. Box 805		Company:																			
City: Hobbs		Attn:																			
Phone #: 575-397-6388		Address:																			
Fax #: 575-397-0397		City:																			
Project #:		State:																			
Project Name: <i>Wet 1 &amp; 3 Sand (5-27-14)</i>		Zip:																			
Project Location: <i>Mills Park</i>		Phone #:																			
Sampler Name: <i>Jeff Bruns</i>		Fax #:																			
FOR LAB USE ONLY																					
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX			PRESERV			SAMPLING											
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME							
<i>H4D746</i>	<i>SP803</i>	<i>E-1</i>	<i>1</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>9-5</i>	<i>959</i>	<i>X</i>						
<i>11</i>	<i>5</i>	<i>E-1</i>	<i>1</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>10-1</i>	<i>1011</i>	<i>X</i>						
<i>12</i>	<i>7</i>	<i>E-1</i>	<i>1</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>10-30</i>	<i>1030</i>	<i>X</i>						
<i>13</i>	<i>3</i>	<i>E-1</i>	<i>1</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>10-41</i>	<i>1041</i>	<i>X</i>						
<i>14</i>	<i>3</i>	<i>E-1</i>	<i>1</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>11-11</i>	<i>1111</i>	<i>X</i>						
<i>15</i>	<i>3</i>	<i>E-1</i>	<i>1</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>11-41</i>	<i>1141</i>	<i>X</i>						
<i>16</i>	<i>3</i>	<i>E-1</i>	<i>1</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>12-00</i>	<i>1200</i>	<i>X</i>						
<i>17</i>	<i>3</i>	<i>E-1</i>	<i>1</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>12-50</i>	<i>1250</i>	<i>X</i>						
<i>18</i>	<i>3</i>	<i>E-1</i>	<i>1</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>									

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising from this contract or test, 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.

Relinquished By: <i>[Signature]</i>	Date: <i>9-8-14</i>	Received By: <i>[Signature]</i>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By: <i>[Signature]</i>	Date: <i>9/8/14</i>	Received By: <i>[Signature]</i>	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One) <i>Radio Limas</i>	Time: <i>4:35</i>	Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: <i>[Signature]</i>	
Sampler - UPS - Bus - Other:				

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

#54

January 09, 2015

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: NEFF FEDERAL #1 & #3 SWD BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 01/08/15 16:50.

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](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,



Celey D. Keene

Lab Director/Quality Manager

**Analytical Results For:**

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

Received:	01/08/2015	Sampling Date:	01/08/2015
Reported:	01/09/2015	Sampling Type:	Soil
Project Name:	NEFF FEDERAL #1 & #3 SWD BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

**Sample ID: SP 1 @ 2.5 (H500060-01)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/09/2015	ND	400	100	400	0.00	

**Sample ID: SP 2 @ 1.5 (H500060-02)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/09/2015	ND	400	100	400	0.00	

**Sample ID: SP 3 @ 4.5 (H500060-03)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/09/2015	ND	400	100	400	0.00	

**Sample ID: SP 7 @ 3.5 (H500060-04)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	01/09/2015	ND	400	100	400	0.00	

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:	01/08/2015	Sampling Date:	01/08/2015
Reported:	01/09/2015	Sampling Type:	Soil
Project Name:	NEFF FEDERAL #1 & #3 SWD BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

**Sample ID: SP 8 @ 2 (H500060-05)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	01/09/2015	ND	400	100	400	0.00		

**Sample ID: SP 9 @ 5.5 (H500060-06)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	01/09/2015	ND	400	100	400	0.00	

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**

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



**CARDINAL 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.		<b>BILL TO</b>		ANALYSIS REQUEST																							
Project Manager: Cliff Brunson		P.O. #:																									
Address: P.O. Box 805		Company:																									
City: Hobbs		Attn:																									
State: NM Zip: 88241		Address:																									
Phone #: 575-397-6388 Fax #: 575-397-0397		City: <i>SEMO</i>																									
Project #:		State: Zip:																									
Project Name: <i>Neff 1+3</i>		Phone #:																									
Project Location: <i>Mill Creek</i>		Fax #:																									
Sampler Name: <i>Jeff Cravens</i>																											
FOR LAB USE ONLY																											
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX				PRESERV	SAMPLING																		
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME													
<i>H5000100</i>	<i>SP102.5</i>	<i>1</i>	<i>1</i>			<i>X</i>							<i>1.8</i>	<i>111</i>	<i>X</i>												
	<i>SP201.5</i>	<i>2</i>	<i>1</i>			<i>X</i>								<i>115</i>	<i>X</i>												
	<i>SP304.5</i>	<i>3</i>	<i>1</i>			<i>X</i>								<i>120</i>	<i>X</i>												
	<i>SP703.5</i>	<i>4</i>	<i>1</i>			<i>X</i>								<i>125</i>	<i>X</i>												
	<i>SP802</i>	<i>5</i>	<i>1</i>			<i>X</i>								<i>130</i>	<i>X</i>												
	<i>SP905.5</i>	<i>6</i>	<i>1</i>			<i>X</i>								<i>135</i>	<i>X</i>												
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: <i>[Signature]</i>		Date: <i>7-6-15</i>		Received By: <i>[Signature]</i>		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:		REMARKS: <i>RUSH!!</i>																	
Time: <i>4:50</i>		Date: <i>7-6-15</i>		Time: <i>4:50</i>		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:																			
Delivered By: (Circle One)		Sample Condition		CHECKED BY: <i>[Signature]</i>																							
Sampler - UPS - Bus - Other: <i>-2.40</i>		<input type="checkbox"/> Cool <input checked="" type="checkbox"/> Intact																									
		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																									

## Kathy Purvis

---

**From:** Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>  
**Sent:** Tuesday, November 04, 2014 12:52 PM  
**To:** Cliff P. Brunson  
**Cc:** C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis; Patterson, Heather, EMNRD  
**Subject:** RE: OXY - Neff Federal #1 & #3 SWD Battery - Remediation Plan

RE: OXY USA \* Neff Fed 3 (1&3 Btry) \* 30-015-28281 \* D-25-22s-31e \* Eddy County, NM  
NMOCD Tracking Number: 2RP-2359 \* Date of release: 5/27/14

Cliff,

Your proposal for remediation of the above referenced release is approved. Federal sites will require like approval by BLM.

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, local laws and/or regulations.

If you have any questions or concerns, and for notification, please contact me.

Mike Bratcher  
NMOCD District 2  
811 S. First Street  
Artesia, NM 88210  
O: 575-748-1283 X108  
C: 575-626-0857  
F: 575-748-9720

---

**From:** Cliff P. Brunson [<mailto:cbrunson@bbcinternational.com>]  
**Sent:** Wednesday, October 29, 2014 7:39 PM  
**To:** Bratcher, Mike, EMNRD  
**Cc:** C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis  
**Subject:** OXY - Neff Federal #1 & #3 SWD Battery - Remediation Plan

Mike,

This e-mail is to confirm our conversation on October 28, 2014 about the remediation plan for the above referenced site. I have attached the materials that we used in our discussion. If you will review the revised diagram on the attachment, it depicts the remediation plan and the areas and depths of the excavations per our discussions. In the area around SP9, field titrations will determine the lateral extent of the excavation. After the soil is excavated, the site will be backfilled with clean soil.

If you would please e-mail your concurrence with this remediation plan, it would be greatly appreciated.

Thanks, Cliff

Cliff P. Brunson, CEI, CRS  
President  
BBC International, Inc.  
World-Wide Environmental Specialists  
Mailing Address:  
P. O. Box 805  
Hobbs, NM 88241-0805 USA  
Shipping Address:  
1324 W. Marland St.  
Hobbs, NM 88240 USA  
Phone: (575) 397-6388  
Fax: (575) 397-0397  
E-Mail: [cbrunson@bbcinternational.com](mailto:cbrunson@bbcinternational.com)

\*\*\*\*\*

Confidentiality Notice: This electronic transmission (and any attached documents) is intended only for the person(s) to whom it is addressed and may contain information that is privileged, confidential, or otherwise protected from disclosure. If you have received this transmission in error, please immediately notify the sender by e-mail or by telephone call to (575) 397-6388 for handling instructions. Any disclosure or distribution of the contents of this transmission by anyone other than the named recipient(s) is strictly prohibited.

\*\*\*\*\*



## Kathy Purvis

---

**From:** Hughes, Solomon <shughes@blm.gov>  
**Sent:** Thursday, October 30, 2014 11:27 AM  
**To:** Cliff P. Brunson  
**Cc:** C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis  
**Subject:** Re: OXY - Neff Federal #1 & #3 SWD Battery - Remediation Plan

Cliff,  
This plan is approved with the following amendment:

After excavation, confirmation samples need to be taken in areas SP1-SP3 and SP7-SP9. These samples should show a maximum of 100ppm chlorides. If these levels are not reached, further excavation will be required.

Bests,  
Sol

### Sol Hughes

Environmental Protection Division  
Bureau of Land Management  
620 E. Greene St  
Carlsbad, NM

Office: 575.234.5951  
Cell: 575.499.3378

On Wed, Oct 29, 2014 at 4:47 PM, Cliff P. Brunson <[cbrunson@bbcinternational.com](mailto:cbrunson@bbcinternational.com)> wrote:  
Sol,

This e-mail is to request the BLM's approval for the following remediation plan for the above referenced site. I have attached the materials that pertain to the site and the plan. This plan has already been approved by Mike Bratcher of the NMOCD.

If you will review the diagram on the attachment, it depicts the remediation plan and the areas and depths of the excavations. After the soil is excavated, the site will be backfilled with clean soil.

If you would please e-mail your concurrence with this remediation plan, it would be greatly appreciated.

Thanks, Cliff

Cliff P. Brunson, CEI, CRS  
President  
BBC International, Inc.  
World-Wide Environmental Specialists  
Mailing Address:  
P. O. Box 805  
Hobbs, NM 88241-0805 USA  
Shipping Address:  
1324 W. Marland St.  
Hobbs, NM 88240 USA  
Phone: (575) 397-6388

Fax: (575) 397-0397

E-Mail: [cbrunson@bbcinternational.com](mailto:cbrunson@bbcinternational.com)

\*\*\*\*\*

Confidentiality Notice: This electronic transmission (and any attached documents) is intended only for the person(s) to whom it is addressed and may contain information that is privileged, confidential, or otherwise protected from disclosure. If you have received this transmission in error, please immediately notify the sender by e-mail or by telephone call to (575) 397-6388 for handling instructions. Any disclosure or distribution of the contents of this transmission by anyone other than the named recipient(s) is strictly prohibited.

\*\*\*\*\*