



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

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## **COG – Skelly 605 Battery (11/28/2016)**

### **REMEDIATION PLAN, RP # 2RP-4015**

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COG will excavate the spill area as depicted on the following site diagram. The entire leak area will be excavated to a depth of 4 feet and a liner will be placed in the excavation **OR** the entire leak area will be excavated to a depth of 5 feet and a field titration confirmation sample will be taken to establish 1,000 ppm Chloride was achieved. The entire site will then be backfilled with clean soil.

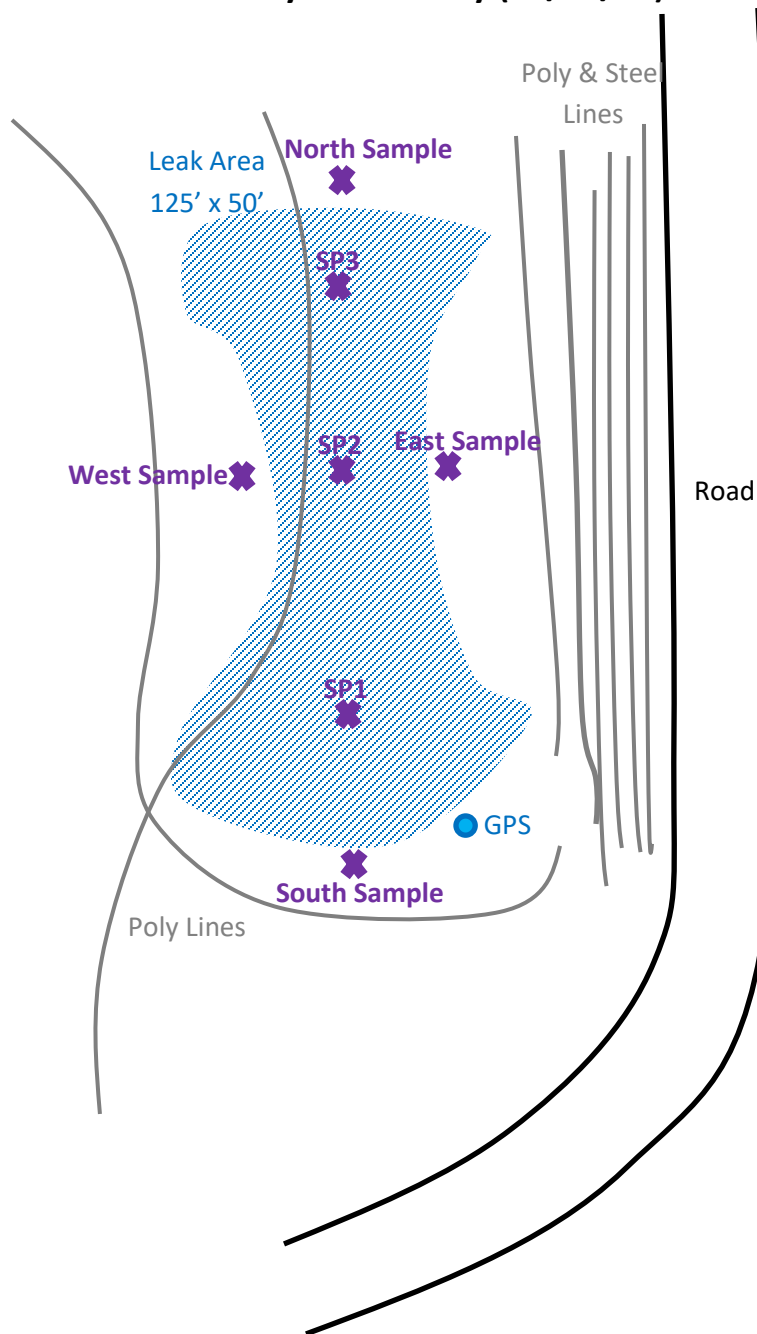
All excavated materials will be disposed of at an NMOCD-approved disposal facility.



COG

# Skelly 605 Battery (11/28/16)

4' Excavation across entire leak area with a liner or 5' across entire leak area with a field titration confirmation sample to establish 1,000 ppm Chloride was achieved



U/L J, Section 14, T17S, R31E

Eddy County, NM

N 32.83266° W 103.83868°

API# 30-015-36885

BBC International, Inc.

COG

Skelly 605 Battery

Date: 01/02/2017

DRWG by: K. Purvis

NOT TO SCALE

File: COG 2017



# Groundwater Plot

## COG Skelly 605 Battery

County  
Eddy

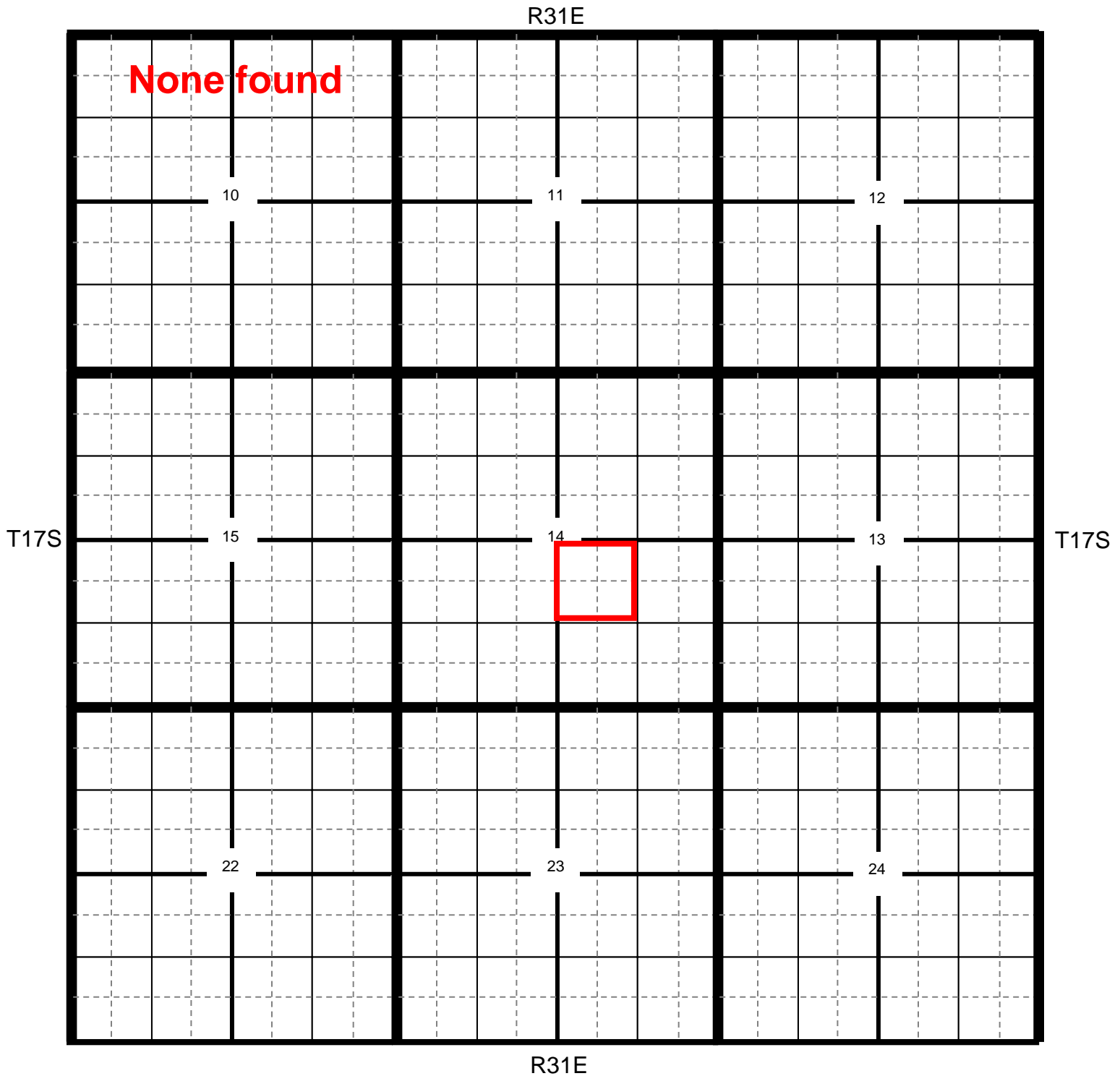
Unit Letter  
J

Section  
14

Township  
17S

Range  
31E

Trend Map 275'



★ Location

● OCD

● USGS

● SEO

● All Databases

## COG Skelly 605 Battery

**County** Eddy      **Unit Letter** J      **Section** 14      **Township** 17S      **Range** 31E

Trend Map 275'

1

2

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

3

4

**Laboratory Analytical Results Summary**  
**Skelly 605 Battery**

		Sample	SP1 @ 1'	SP1 @ 3'	SP1 @ 5'	SP1 @ 7'	SP1 @ 9'	SP1 @ 11'
Analyte	Method	Date	1/13/17	1/13/17	1/13/17	1/13/17	1/13/17	1/13/17
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
<b>Benzene</b>	BTEX 8021B		n/a	<0.050	n/a	n/a	n/a	n/a
<b>Toluene</b>	BTEX 8021B		n/a	<0.050	n/a	n/a	n/a	n/a
<b>Ethylbenzene</b>	BTEX 8021B		n/a	<0.050	n/a	n/a	n/a	n/a
<b>Total Xylenes</b>	BTEX 8021B		n/a	<0.150	n/a	n/a	n/a	n/a
<b>Total BTEX</b>	BTEX 8021B		n/a	<0.300	n/a	n/a	n/a	n/a
<b>Chloride</b>	SM4500CI-B		<b>5040</b>	<b>5760</b>	<b>12800</b>	<b>1100</b>	<b>1520</b>	<b>32</b>
<b>GRO</b>	TPH 8015M		n/a	<10.0	n/a	n/a	n/a	n/a
<b>DRO</b>	TPH 8015M		n/a	<10.0	n/a	n/a	n/a	n/a

		Sample	SP2 @ 1'	SP2 @ 3'	SP2 @ 5'	SP2 @ 7'	SP2 @ 9'	SP2 @ 10'
Analyte	Method	Date	1/13/17	1/13/17	1/13/17	1/13/17	1/13/17	1/13/17
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
<b>Benzene</b>	BTEX 8021B		n/a	<0.050	n/a	n/a	n/a	n/a
<b>Toluene</b>	BTEX 8021B		n/a	<0.050	n/a	n/a	n/a	n/a
<b>Ethylbenzene</b>	BTEX 8021B		n/a	<0.050	n/a	n/a	n/a	n/a
<b>Total Xylenes</b>	BTEX 8021B		n/a	<0.150	n/a	n/a	n/a	n/a
<b>Total BTEX</b>	BTEX 8021B		n/a	<0.300	n/a	n/a	n/a	n/a
<b>Chloride</b>	SM4500CI-B		<b>4880</b>	<b>7040</b>	<b>12000</b>	<b>1500</b>	<b>1060</b>	<16.0
<b>GRO</b>	TPH 8015M		n/a	<10.0	n/a	n/a	n/a	n/a
<b>DRO</b>	TPH 8015M		n/a	<10.0	n/a	n/a	n/a	n/a

		Sample	SP3 @ 1'	SP3 @ 3'	SP3 @ 5'	SP3 @ 7'	SP3 @ 8'	SP3 @ 9'
Analyte	Method	Date	1/13/17	1/13/17	1/13/17	1/13/17	1/13/17	1/13/17
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
<b>Benzene</b>	BTEX 8021B		n/a	<0.050	n/a	n/a	n/a	n/a
<b>Toluene</b>	BTEX 8021B		n/a	<0.050	n/a	n/a	n/a	n/a
<b>Ethylbenzene</b>	BTEX 8021B		n/a	<0.050	n/a	n/a	n/a	n/a
<b>Total Xylenes</b>	BTEX 8021B		n/a	<0.150	n/a	n/a	n/a	n/a
<b>Total BTEX</b>	BTEX 8021B		n/a	<0.300	n/a	n/a	n/a	n/a
<b>Chloride</b>	SM4500CI-B		<b>4930</b>	<b>4800</b>	<b>16000</b>	<b>1380</b>	<b>32</b>	<b>32</b>
<b>GRO</b>	TPH 8015M		n/a	<10.0	n/a	n/a	n/a	n/a
<b>DRO</b>	TPH 8015M		n/a	<10.0	n/a	n/a	n/a	n/a

		Sample	NORTH SAMPLE @ 1'
Analyte	Method	Date	1/13/17
			mg/Kg
<b>Chloride</b>	SM4500CI-B		<16.0

		Sample	EAST SAMPLE @ 1'
Analyte	Method	Date	1/13/17
			mg/Kg
<b>Chloride</b>	SM4500CI-B		<16.0

		Sample	WEST SAMPLE @ 1'
Analyte	Method	Date	1/13/17
			mg/Kg
<b>Chloride</b>	SM4500CI-B		<16.0

		Sample	SOUTH SAMPLE @ 1'
Analyte	Method	Date	1/13/17
			mg/Kg
<b>Chloride</b>	SM4500CI-B		<16.0



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

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January 30, 2017

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: SKELLY 605 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 01/23/17 11:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. 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:	01/23/2017	Sampling Date:	01/13/2017
Reported:	01/30/2017	Sampling Type:	Soil
Project Name:	SKELLY 605 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	COG - EDDY COUNTY, NM		

**Sample ID: SP 1 @ 1' (H700145-01)**

Chloride, SM4500CI-B			mg/kg		Analyzed By: AC				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5040	16.0	01/24/2017	ND	400	100	400	3.92	

**Sample ID: SP 1 @ 3' (H700145-02)**

BTEX 8021B			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2017	ND	2.13	107	2.00	0.189	
Toluene*	<0.050	0.050	01/27/2017	ND	2.11	106	2.00	0.288	
Ethylbenzene*	<0.050	0.050	01/27/2017	ND	2.16	108	2.00	0.00954	
Total Xylenes*	<0.150	0.150	01/27/2017	ND	6.14	102	6.00	0.0936	
Total BTEX	<0.300	0.300	01/27/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.6-140

Chloride, SM4500CI-B			mg/kg		Analyzed By: AC				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5760	16.0	01/24/2017	ND	400	100	400	3.92	

TPH 8015M			mg/kg		Analyzed By: CK				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/25/2017	ND	188	94.1	200	1.98	
DRO >C10-C28	<10.0	10.0	01/25/2017	ND	185	92.7	200	4.22	

Surrogate: 1-Chlorooctane 90.0 % 35-147

Surrogate: 1-Chlorooctadecane 89.2 % 28-171

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: 01/23/2017  
Reported: 01/30/2017  
Project Name: SKELLY 605 BATTERY  
Project Number: NONE GIVEN  
Project Location: COG - EDDY COUNTY, NM

Sampling Date: 01/13/2017  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: SP 1 @ 5' (H700145-03)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12800	16.0	01/24/2017	ND	400	100	400	3.92	

**Sample ID: SP 1 @ 7' (H700145-04)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1100	16.0	01/24/2017	ND	400	100	400	3.92	

**Sample ID: SP 1 @ 9' (H700145-05)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1520	16.0	01/24/2017	ND	400	100	400	3.92	

**Sample ID: SP 1 @ 11' (H700145-06)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/24/2017	ND	400	100	400	3.92	

**Sample ID: SP 2 @ 1' (H700145-07)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4880	16.0	01/24/2017	ND	400	100	400	3.92	

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Celey D. Keene, Lab Director/Quality Manager



**Analytical Results For:**

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

Received: 01/23/2017  
Reported: 01/30/2017  
Project Name: SKELLY 605 BATTERY  
Project Number: NONE GIVEN  
Project Location: COG - EDDY COUNTY, NM

Sampling Date: 01/13/2017  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: SP 2 @ 3' (H700145-08)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2017	ND	2.13	107	2.00	0.189	
Toluene*	<0.050	0.050	01/27/2017	ND	2.11	106	2.00	0.288	
Ethylbenzene*	<0.050	0.050	01/27/2017	ND	2.16	108	2.00	0.00954	
Total Xylenes*	<0.150	0.150	01/27/2017	ND	6.14	102	6.00	0.0936	
Total BTEx	<0.300	0.300	01/27/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	7040	16.0	01/24/2017	ND	432	108	400	3.64	QM-07	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/25/2017	ND	188	94.1	200	1.98	
DRO >C10-C28	<10.0	10.0	01/25/2017	ND	185	92.7	200	4.22	

Surrogate: 1-Chlorooctane 93.7 % 35-147

Surrogate: 1-Chlorooctadecane 93.0 % 28-171

**Sample ID: SP 2 @ 5' (H700145-09)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	12000	16.0	01/24/2017	ND	432	108	400	3.64		

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\*=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:	01/23/2017	Sampling Date:	01/18/2017
Reported:	01/30/2017	Sampling Type:	Soil
Project Name:	SKELLY 605 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	COG - EDDY COUNTY, NM		

**Sample ID: SP 2 @ 7' (H700145-10)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1500	16.0	01/24/2017	ND	432	108	400	3.64		

**Sample ID: SP 2 @ 9' (H700145-11)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1060	16.0	01/24/2017	ND	432	108	400	3.64		

**Sample ID: SP 2 @ 10' (H700145-12)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	01/24/2017	ND	432	108	400	3.64		

**Sample ID: SP 3 @ 1' (H700145-13)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4930	16.0	01/24/2017	ND	432	108	400	3.64		

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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: 01/23/2017  
Reported: 01/30/2017  
Project Name: SKELLY 605 BATTERY  
Project Number: NONE GIVEN  
Project Location: COG - EDDY COUNTY, NM

Sampling Date: 01/13/2017  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: SP 3 @ 3' (H700145-14)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2017	ND	2.13	107	2.00	0.189	
Toluene*	<0.050	0.050	01/27/2017	ND	2.11	106	2.00	0.288	
Ethylbenzene*	<0.050	0.050	01/27/2017	ND	2.16	108	2.00	0.00954	
Total Xylenes*	<0.150	0.150	01/27/2017	ND	6.14	102	6.00	0.0936	
Total BTEx	<0.300	0.300	01/27/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4800	16.0	01/24/2017	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/25/2017	ND	188	94.1	200	1.98	
DRO >C10-C28	<10.0	10.0	01/25/2017	ND	185	92.7	200	4.22	

Surrogate: 1-Chlorooctane 92.6 % 35-147

Surrogate: 1-Chlorooctadecane 91.6 % 28-171

**Sample ID: SP 3 @ 5' (H700145-15)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16000	16.0	01/24/2017	ND	432	108	400	3.64	

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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:	01/23/2017	Sampling Date:	01/18/2017
Reported:	01/30/2017	Sampling Type:	Soil
Project Name:	SKELLY 605 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	COG - EDDY COUNTY, NM		

**Sample ID: SP 3 @ 7' (H700145-16)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1380	16.0	01/24/2017	ND	432	108	400	3.64	

**Sample ID: SP 3 @ 8' (H700145-17)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/24/2017	ND	432	108	400	3.64	

**Sample ID: SP 3 @ 9' (H700145-18)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/24/2017	ND	432	108	400	3.64	

**Sample ID: NORTH SAMPLE @ 1' (H700145-19)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	01/24/2017	ND	432	108	400	3.64		

**Sample ID: EAST SAMPLE @ 1' (H700145-20)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	01/24/2017	ND	432	108	400	3.64		

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:	01/23/2017	Sampling Date:	01/13/2017
Reported:	01/30/2017	Sampling Type:	Soil
Project Name:	SKELLY 605 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	COG - EDDY COUNTY, NM		

**Sample ID: WEST SAMPLE @ 1' (H700145-21)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	01/24/2017	ND	432	108	400	3.64		

**Sample ID: SOUTH SAMPLE @ 1' (H700145-22)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	01/24/2017	ND	432	108	400	3.64		

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Notes and Definitions**

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.		<b>BILL TO</b>		ANALYSIS REQUEST											
Project Manager: Cliff Brunson		P.O. #:													
Address: P.O. Box 805		Company: COG													
City: Hobbs		Attn: Grubbs													
State: NM Zip: 88241		Address:													
Phone #: 575-397-6388 Fax #: 575-397-0397		City:													
Project #:		State:													
Project Name: SKELLY 605 BATTERY		Zip:													
Project Location: EDDY COUNTY, NM		Phone #:													
Sample Name: JEFF ORNELAS		Fax #:													
FOR LAB USE ONLY		PRESERV		SAMPLING											
Lab I.D.		Sample I.D.													
H700145		(G)RAB OR (C)OMP.													
1		# CONTAINERS													
2		GROUNDWATER													
3		WASTEWATER													
4		SOIL													
5		OIL													
6		SLUDGE													
7		OTHER :													
8		ACID/BASE:													
9		ICE / COOL													
10		OTHER :													
SP1 @ 1'		DATE		TIME											
SP1 @ 3'		1/13/17		9:33 AM		C1									
SP1 @ 5'		1/13/17		10:15 AM		BTEX									
SP1 @ 7'		1/13/17		11:11 AM		TPH									
SP1 @ 9'		1/18/17		9:30 AM											
SP1 @ 11'		1/18/17		10:15 AM											
SP2 @ 1'		1/18/17		10:40 AM											
SP2 @ 3'		1/13/17		11:25 AM											
SP2 @ 5'		1/13/17		11:41 AM											
SP2 @ 7'		1/13/17		12:12 PM											
SP2 @ 9'		1/18/17		11:11 AM											
SP2 @ 11'		1/18/17		11:11 AM											
SP2 @ 13'		1/18/17		11:11 AM											
SP2 @ 15'		1/18/17		11:11 AM											
SP2 @ 17'		1/18/17		11:11 AM											
SP2 @ 19'		1/18/17		11:11 AM											
SP2 @ 21'		1/18/17		11:11 AM											
SP2 @ 23'		1/18/17		11:11 AM											
SP2 @ 25'		1/18/17		11:11 AM											
SP2 @ 27'		1/18/17		11:11 AM											
SP2 @ 29'		1/18/17		11:11 AM											
SP2 @ 31'		1/18/17		11:11 AM											
SP2 @ 33'		1/18/17		11:11 AM											
SP2 @ 35'		1/18/17		11:11 AM											
SP2 @ 37'		1/18/17		11:11 AM											
SP2 @ 39'		1/18/17		11:11 AM											
SP2 @ 41'		1/18/17		11:11 AM											
SP2 @ 43'		1/18/17		11:11 AM											
SP2 @ 45'		1/18/17		11:11 AM											
SP2 @ 47'		1/18/17		11:11 AM											
SP2 @ 49'		1/18/17		11:11 AM											
SP2 @ 51'		1/18/17		11:11 AM											
SP2 @ 53'		1/18/17		11:11 AM											
SP2 @ 55'		1/18/17		11:11 AM											
SP2 @ 57'		1/18/17		11:11 AM											
SP2 @ 59'		1/18/17		11:11 AM											
SP2 @ 61'		1/18/17		11:11 AM											
SP2 @ 63'		1/18/17		11:11 AM											
SP2 @ 65'		1/18/17		11:11 AM											
SP2 @ 67'		1/18/17		11:11 AM											
SP2 @ 69'		1/18/17		11:11 AM											
SP2 @ 71'		1/18/17		11:11 AM											
SP2 @ 73'		1/18/17		11:11 AM											
SP2 @ 75'		1/18/17		11:11 AM											
SP2 @ 77'		1/18/17		11:11 AM											
SP2 @ 79'		1/18/17		11:11 AM											
SP2 @ 81'		1/18/17		11:11 AM											
SP2 @ 83'		1/18/17		11:11 AM											
SP2 @ 85'		1/18/17		11:11 AM											
SP2 @ 87'		1/18/17		11:11 AM											
SP2 @ 89'		1/18/17		11:11 AM											
SP2 @ 91'		1/18/17		11:11 AM											
SP2 @ 93'		1/18/17		11:11 AM											
SP2 @ 95'		1/18/17		11:11 AM											
SP2 @ 97'		1/18/17		11:11 AM											
SP2 @ 99'		1/18/17		11:11 AM											
SP2 @ 101'		1/18/17		11:11 AM											
SP2 @ 103'		1/18/17		11:11 AM											
SP2 @ 105'		1/18/17		11:11 AM											
SP2 @ 1															







# ORDINAL LABORATORIES

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

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

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:	COG Operating LLC	Contact:	Robert McNeill
Address:	600 West Illinois Avenue, Midland TX 79701	Telephone No.	432-683-7443
Facility Name:	Skelly 605 Battery	Facility Type:	Tank Battery
Surface Owner:	Federal	Mineral Owner:	API No. 30-015-36885

#### LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
J	14	17S	31E	2460	South	2410	East	Eddy

Latitude 32.8341255 Longitude 103.8396072

#### NATURE OF RELEASE

Type of Release:	Produced Water	Volume of Release:	35 bbls	Volume Recovered:	30 bbls
Source of Release:	Flowline	Date and Hour of Occurrence:	11/28/2016 10:00 am	Date and Hour of Discovery:	11/28/2016 10:00 am
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	Ms. Patterson - NMOCD / Ms. Tucker - BLM		
By Whom?	Rebecca Haskell	Date and Hour:	Monday, 11/28/2016 12:16 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.*					
Fourth-Inch check valve failure. Repaired the check valve.					
Describe Area Affected and Cleanup Action Taken.*					
This release occurred from a valve box located behind the battery. A vacuum truck was dispatched to remove all freestanding fluids. Concho will have the spill area sampled to delineate any possible impact from the release and we will present a remediation work plan to the NMOCD for approval prior to any significant remediation activities.					
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:	<i>Rebecca Haskell</i>				
Printed Name:	Rebecca Haskell				
Title:	Senior HSE Coordinator				
E-mail Address:	rhaskell@concho.com				
Date:	11/29/16				
Phone:	432-683-7443				
			OIL CONSERVATION DIVISION		
			Approved by Environmental Specialist:		
			Approval Date:		
			Expiration Date:		
			Conditions of Approval:		
			Attached <input type="checkbox"/>		

\* Attach Additional Sheets If Necessary