



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

COG – Skelly 605 Battery (11/28/2016)

REMEDIATION PLAN, RP # 2RP-4015

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.

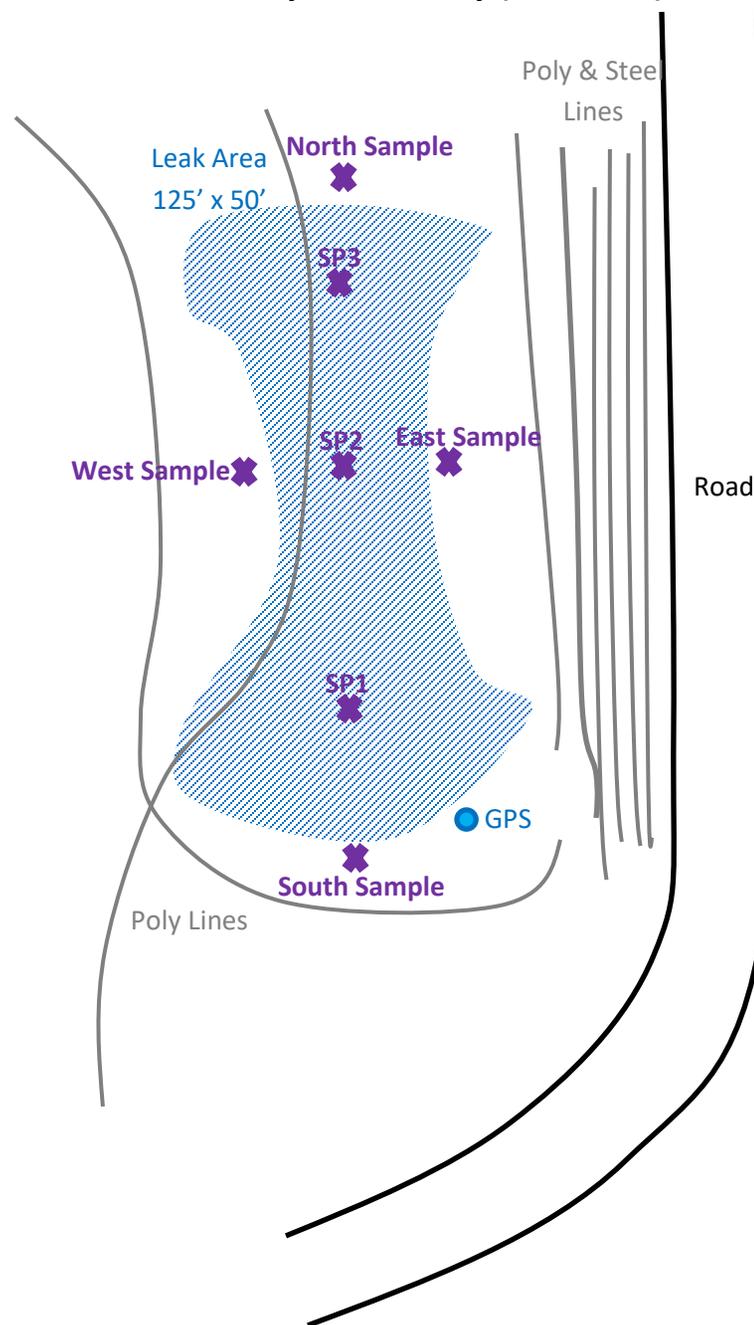
All excavated materials will be disposed of at an NMOCD-approved disposal facility.



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

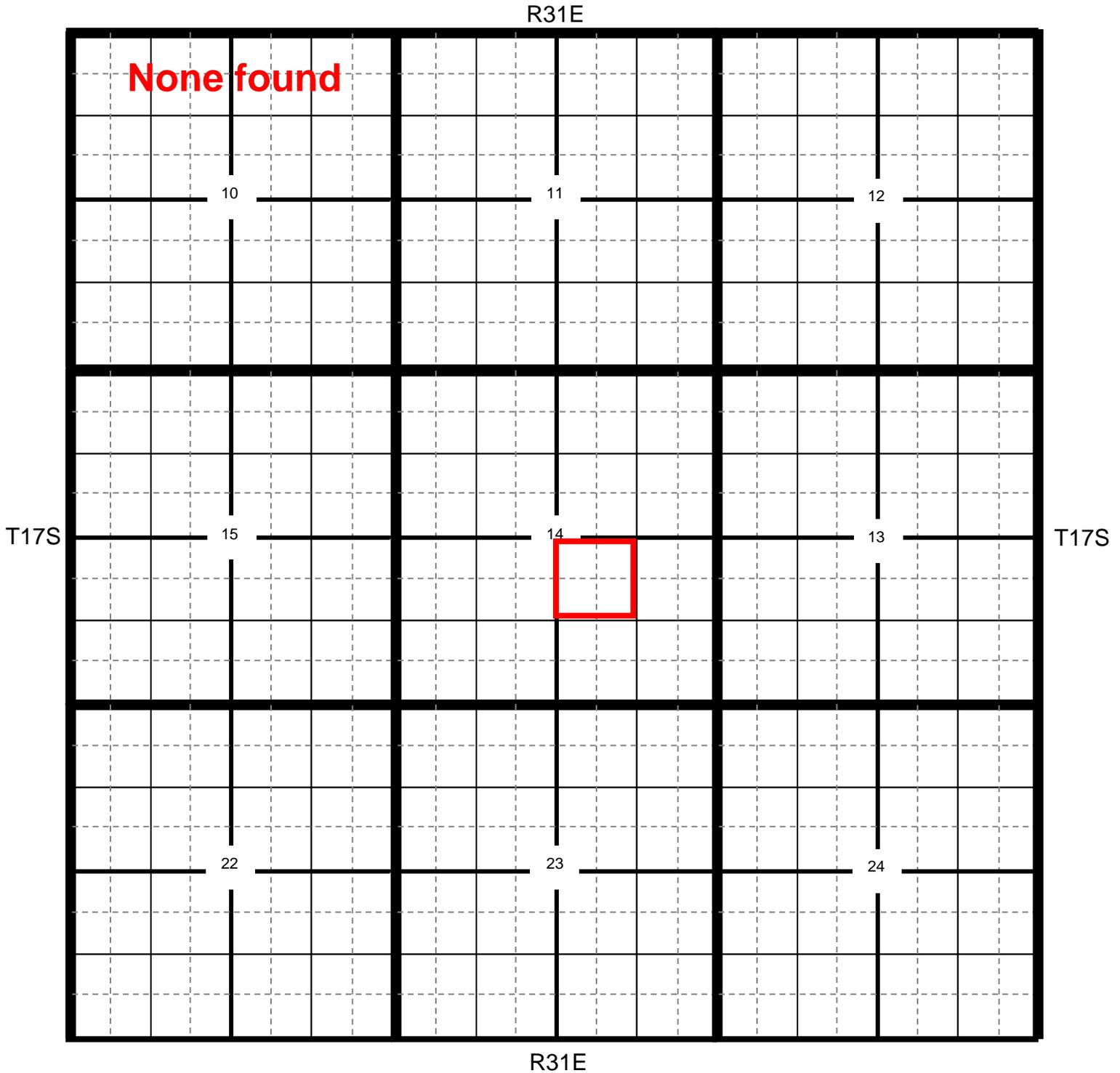
Unit Letter
J

Section
14

Township
17S

Range
31E

Trend Map 275'



📍 Location

● OCD

● USGS

● SEO

● All Databases

Section Quarters

COG Skelly 605 Battery

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

Trend Map 275'

1

2

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

3

4

**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
Benzene	BTEX 8021B		n/a	<0.050	n/a	n/a	n/a	n/a
Toluene	BTEX 8021B		n/a	<0.050	n/a	n/a	n/a	n/a
Ethylbenzene	BTEX 8021B		n/a	<0.050	n/a	n/a	n/a	n/a
Total Xylenes	BTEX 8021B		n/a	<0.150	n/a	n/a	n/a	n/a
Total BTEX	BTEX 8021B		n/a	<0.300	n/a	n/a	n/a	n/a
Chloride	SM4500CI-B		5040	5760	12800	1100	1520	32
GRO	TPH 8015M		n/a	<10.0	n/a	n/a	n/a	n/a
DRO	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
Benzene	BTEX 8021B		n/a	<0.050	n/a	n/a	n/a	n/a
Toluene	BTEX 8021B		n/a	<0.050	n/a	n/a	n/a	n/a
Ethylbenzene	BTEX 8021B		n/a	<0.050	n/a	n/a	n/a	n/a
Total Xylenes	BTEX 8021B		n/a	<0.150	n/a	n/a	n/a	n/a
Total BTEX	BTEX 8021B		n/a	<0.300	n/a	n/a	n/a	n/a
Chloride	SM4500CI-B		4880	7040	12000	1500	1060	<16.0
GRO	TPH 8015M		n/a	<10.0	n/a	n/a	n/a	n/a
DRO	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
Benzene	BTEX 8021B		n/a	<0.050	n/a	n/a	n/a	n/a
Toluene	BTEX 8021B		n/a	<0.050	n/a	n/a	n/a	n/a
Ethylbenzene	BTEX 8021B		n/a	<0.050	n/a	n/a	n/a	n/a
Total Xylenes	BTEX 8021B		n/a	<0.150	n/a	n/a	n/a	n/a
Total BTEX	BTEX 8021B		n/a	<0.300	n/a	n/a	n/a	n/a
Chloride	SM4500CI-B		4930	4800	16000	1380	32	32
GRO	TPH 8015M		n/a	<10.0	n/a	n/a	n/a	n/a
DRO	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
Chloride	SM4500CI-B		<16.0

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

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

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



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.

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".

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

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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:	01/13/2017
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 @ 5' (H700145-03)

Chloride, SM4500CI-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, SM4500CI-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, SM4500CI-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, 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	400	100	400	3.92	

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

Chloride, SM4500CI-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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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 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, SM4500CI-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, SM4500CI-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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 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, SM4500CI-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, SM4500CI-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, 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: SP 3 @ 1' (H700145-13)

Chloride, SM4500CI-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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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 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, SM4500CI-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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 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, SM4500CI-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	

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 Cliff Brunson
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 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	

Cardinal Laboratories

*=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



Celey D. Keene, Lab Director/Quality Manager



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

10833

BILL TO

ANALYSIS REQUEST

Company Name: BBC International, Inc.	P.O. #:
Project Manager: Cliff Brunson	Company: <i>COG</i>
Address: P.O. Box 805	Attn: <i>Grubbs</i>
City: Hobbs	Address:
State: NM Zip: 88241	City:
Phone #: 575-397-6388	State:
Fax #: 575-397-0397	Zip:
Project #:	Project Owner:
Project Name: SKELLY 605 BATTERY	Project Location: EDDY COUNTY, NM
Sample Name: JEFF ORNELAS	Sample Location: JEFF ORNELAS

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	CI	BTEX	TPH
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
<i>H100145</i>	SP1 @ 1'	<input checked="" type="checkbox"/>	1	<input checked="" type="checkbox"/>	1/13/17	9:33 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
	SP1 @ 3'	<input checked="" type="checkbox"/>	1	<input checked="" type="checkbox"/>	1/13/17	10:15 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
	SP1 @ 5'	<input checked="" type="checkbox"/>	1	<input checked="" type="checkbox"/>	1/13/17	11:11 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
	SP1 @ 7'	<input checked="" type="checkbox"/>	1	<input checked="" type="checkbox"/>	1/18/17	9:30 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
	SP1 @ 9'	<input checked="" type="checkbox"/>	1	<input checked="" type="checkbox"/>	1/18/17	10:15 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
	SP1 @ 11'	<input checked="" type="checkbox"/>	1	<input checked="" type="checkbox"/>	1/18/17	10:40 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
	SP2 @ 1'	<input checked="" type="checkbox"/>	1	<input checked="" type="checkbox"/>	1/13/17	11:25 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
	SP2 @ 3'	<input checked="" type="checkbox"/>	1	<input checked="" type="checkbox"/>	1/13/17	11:41 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
	SP2 @ 5'	<input checked="" type="checkbox"/>	1	<input checked="" type="checkbox"/>	1/13/17	12:12 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
	SP2 @ 7'	<input checked="" type="checkbox"/>	1	<input checked="" type="checkbox"/>	1/18/17	11:11 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					

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Relinquished By: <i>Jeff Ornelas</i>	Date: <i>1/18/17</i>	Received By: <i>Kecilia Lomas</i>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #: _____
Delivered By: (Circle One) <i>Kecilia Lomas</i>	Time: <i>11:50</i>	Sample Condition: <input checked="" type="checkbox"/> Cool <input checked="" type="checkbox"/> Intact	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #: _____
Sampler - UPS - Bus - Other: <i>#75 2.4%</i>	Checked By: <i>[Signature]</i>	REMARKS: _____		

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



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: BBC International, Inc.	P.O. #:
Project Manager: Cliff Brunson	Company: <i>Grubbs</i>
Address: P.O. Box 805	Attn: <i>Grubbs</i>
City: Hobbs	Address:
State: NM Zip: 88241	City:
Phone #: 575-397-6388	State:
Fax #: 575-397-0397	Zip:
Project #:	Project Owner:
Project Name: SKELLY 605 BATTERY	Phone #:
Project Location: EDDY COUNTY, NM	Fax #:
Sampler Name: JEFF ORNELAS	

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	CI	BTEX	TPH
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
11	SP2 @ 9'		1						1/18/17	11:40 AM	✓			
12	SP2 @ 10'		1						1/18/17	11:57 AM	✓			
13	SP3 @ 1'		1						1/13/17	1:11 PM	✓			
14	SP3 @ 3'		1						1/13/17	1:33 PM	✓	✓		
15	SP3 @ 5'		1						1/13/17	2:05 PM	✓			
16	SP3 @ 7'		1						1/18/17	1:33 PM	✓			
17	SP3 @ 8'		1						1/18/17	1:55 PM	✓			
18	SP3 @ 9'		1						1/18/17	2:22 PM	✓			
19	NORTH SAMPLE @ 1'		1						1/13/17	2:15 PM	✓			
20	EAST SAMPLE @ 1'		1						1/13/17	2:22 PM	✓			

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Relinquished By: <i>Jeff Ornelas</i>	Date: <i>1/18/17</i>	Time: <i>5:00pm</i>	Received By: <i>Rosalia Lomas</i>
DeKered By: (Circle One) <i>Rosalia Lomas</i>	Date: <i>1/23/17</i>	Time: <i>7:50</i>	Received By: <i>Rosalia Lomas</i>
Sampler - UPS - Bus - Other: <i>#75 2.49</i>	Sample Condition	Checked By: <i>[Signature]</i>	REMARKS:
	Cool <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	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 #:

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2017

Company Name: BBC International, Inc. **BILL TO** ANALYSIS REQUEST

Project Manager: Cliff Brunson P.O. #: Company: **COG**

Address: P.O. Box 805 State: NIM zip: 88241 Attn: **GRUBBS**

City: Hobbs Phone #: 575-397-6388 Fax #: 575-397-0397 Address:

Project #: Project Owner: City: State: Zip:

Project Name: SKELLY 605 BATTERY Project Location: EDDY COUNTY, NM Phone #: Fax #:

Sample Name: JEFF ORNELAS

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G/RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.	SAMPLING	DATE	TIME							
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :											
H7B0145	WEST SAMPLE @ 1'		61			✓				✓	1/13/17	2:30 PM		✓						
	SOUTH SAMPLE @ 1'		61			✓				✓	1/13/17	2:38 PM		✓						

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Relinquished By: *Jeff Ornelas* Date: *1/18/17* Time: *5:00pm* Received By: *Cliff Brunson*

Delivered By: (Circle One) **#75** UPS Bus Other: *2:40* Sample Condition: Cool Intact Yes No Yes No CHECKED BY: *[Signature]*

REMARKS: Phone Result: Yes No Add'l Phone #: Fax Result: Yes No Add'l Fax #:

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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>	OIL CONSERVATION DIVISION	
Printed Name: Rebecca Haskell	Approved by Environmental Specialist:	
Title: Senior HSE Coordinator	Approval Date:	Expiration Date:
E-mail Address: rhaskell@concho.com	Conditions of Approval:	
Date: 11/29/16 Phone: 432-683-7443	Attached <input type="checkbox"/>	

* Attach Additional Sheets If Necessary