



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 – CCAP State Com #002 (09/06/2016)

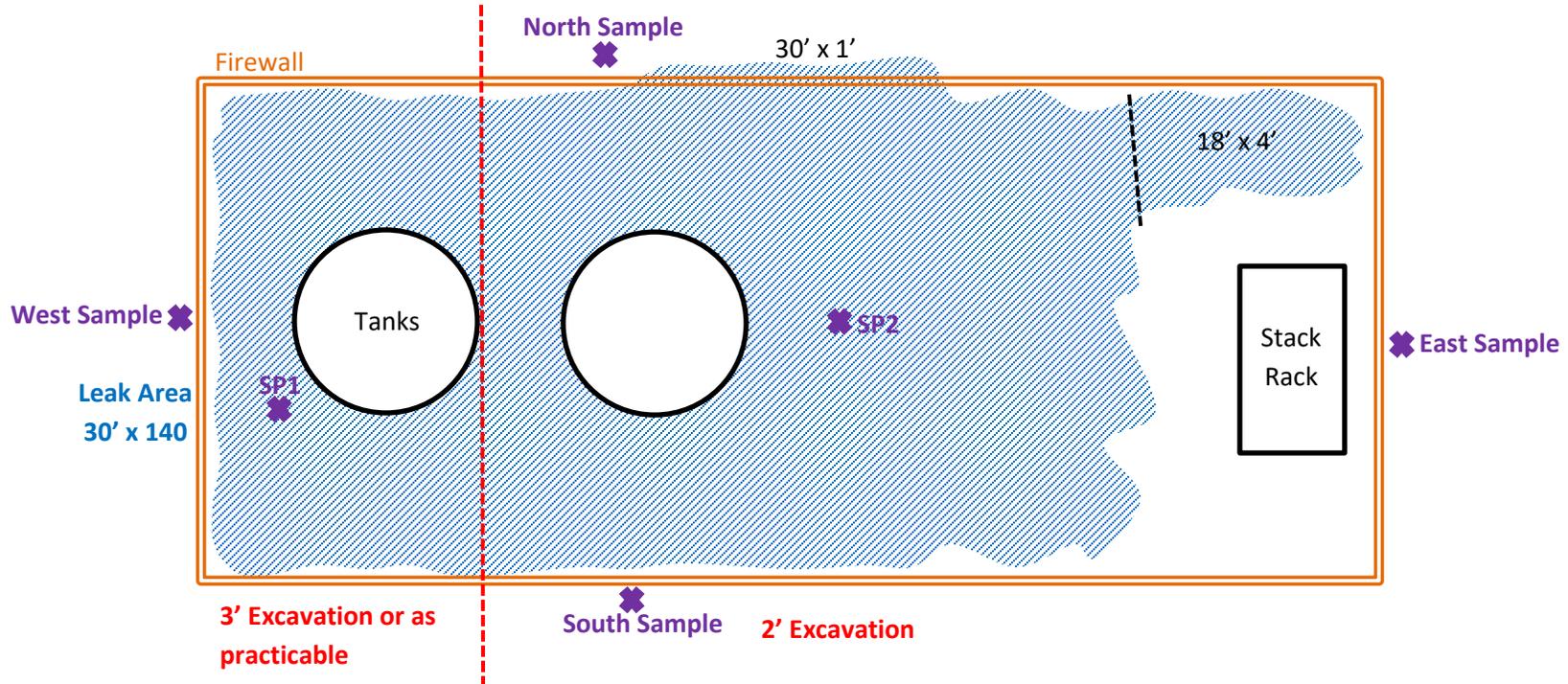
REMEDIATION PLAN, RP # 2RP-3881

COG will excavate the spill area as depicted on the following site diagram. In the area of SP1, excavation will be 3 feet or as practicable. The rest of the leak area will be excavated to a depth of 2 feet. The entire site will then be backfilled with clean soil.

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



COG
CCAP State Com #002



U/L O, Section 16, T22S, R27E

Eddy County, NM

N 32.38799° W 104.19135°

API# 30-015-31567

BBC International, Inc.	
COG	
CCAP State Com #002	
Date: 01/04/2017	DRWG by: K. Purvis
NOT TO SCALE	File: COG 2016



Groundwater Plot

COG CCAP State Com #002

County
Eddy

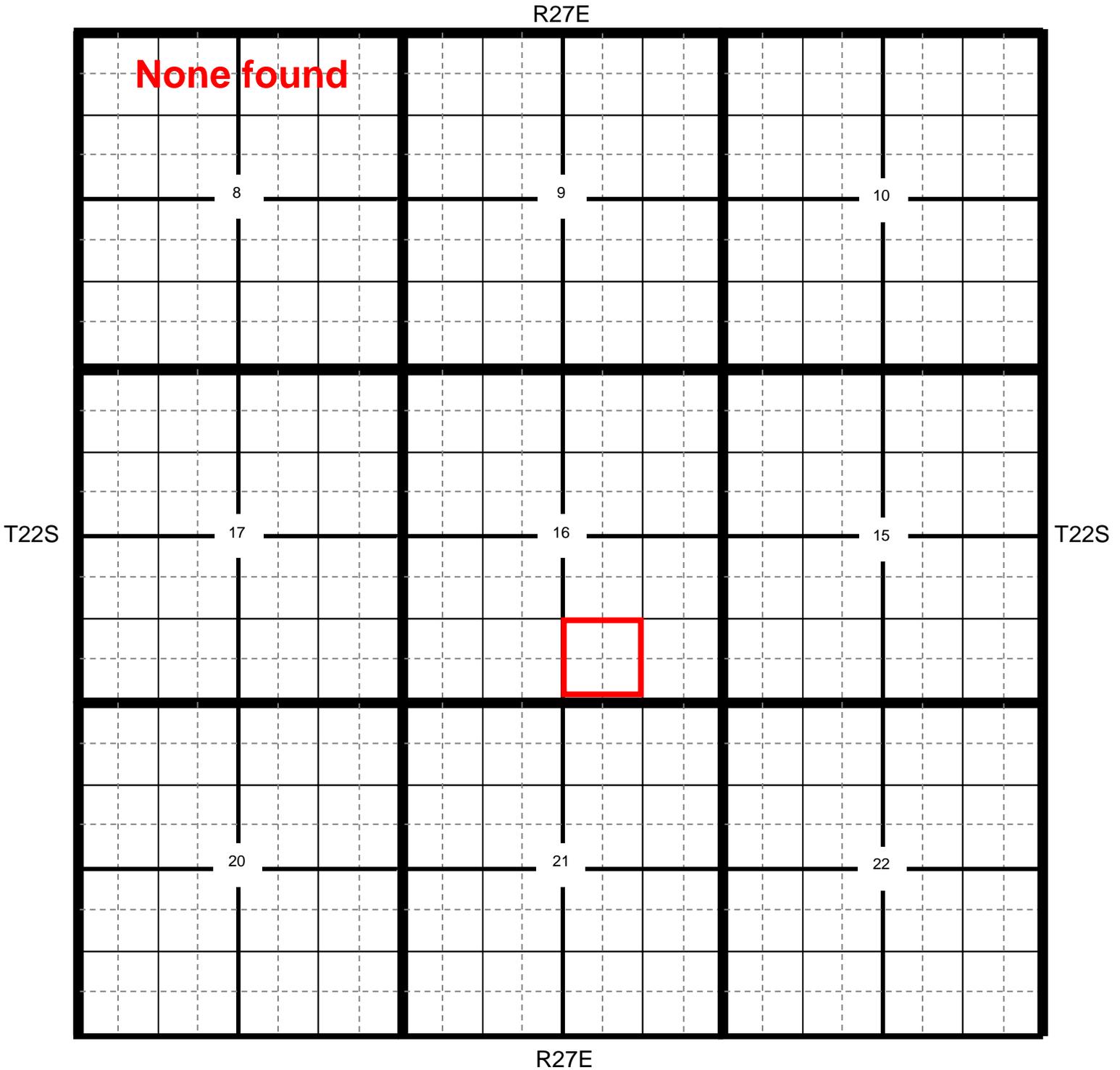
Unit Letter
O

Section
16

Township
22S

Range
27E

Trend Map <50'



📍 Location

● OCD

● USGS

● SEO

● All Databases

COG CCAP State Com #002

County Eddy Unit Letter O Section 16 Township 22S Range 27E

Trend Map <50'

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
CCAP State Com #002**

Analyte	Method	Sample Date	SP1 @ 1'	SP1 @ 2'	SP1 @ 3'
			1/13/17	1/13/17	1/13/17
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		0.374	0.224	0.053
Toluene	BTEX 8021B		3.02	2.59	0.6
Ethylbenzene	BTEX 8021B		1.31	1.07	0.241
Total Xylenes	BTEX 8021B		4.16	3.89	1.17
Total BTEX	BTEX 8021B		8.86	7.77	2.06
Chloride	SM4500CI-B		64	32	96
GRO	TPH 8015M		66.2	46.3	<10.0
DRO	TPH 8015M		717	697	125

Analyte	Method	Sample Date	SP2 @ 1'	SP2 @ 2'	SP2 @ 3'
			1/13/17	1/13/17	1/13/17
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		0.238	0.195	<0.050
Toluene	BTEX 8021B		2.32	2.14	0.334
Ethylbenzene	BTEX 8021B		0.934	0.778	0.136
Total Xylenes	BTEX 8021B		3.39	2.76	0.731
Total BTEX	BTEX 8021B		6.88	5.87	1.2
Chloride	SM4500CI-B		64	32	96
GRO	TPH 8015M		61.6	47.3	<10.0
DRO	TPH 8015M		799	641	80.5

Analyte	Method	Sample Date	NORTH SAMPLE
			1/13/17
			mg/Kg
Benzene	BTEX 8021B		0.072
Toluene	BTEX 8021B		0.56
Ethylbenz	BTEX 8021B		0.141
Total Xyle	BTEX 8021B		0.747
Total BTE	BTEX 8021B		1.52
Chloride	SM4500CI-B		208
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0

Analyte	Method	Sample Date	EAST SAMPLE
			1/13/17
			mg/Kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		0.247
Ethylbenz	BTEX 8021B		0.07
Total Xyle	BTEX 8021B		0.436
Total BTE	BTEX 8021B		0.753
Chloride	SM4500CI-B		192
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0

Analyte	Method	Sample Date	SOUTH SAMPLE
			1/13/17
			mg/Kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		0.323
Ethylbenz	BTEX 8021B		0.101
Total Xyle	BTEX 8021B		0.567
Total BTE	BTEX 8021B		0.991
Chloride	SM4500CI-B		240
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0

Analyte	Method	Sample Date	WEST SAMPLE
			1/13/17
			mg/Kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		0.391
Ethylbenz	BTEX 8021B		0.089
Total Xyle	BTEX 8021B		0.491
Total BTE	BTEX 8021B		0.97
Chloride	SM4500CI-B		240
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0



January 23, 2017

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: CCAP STATE COM #2

Enclosed are the results of analyses for samples received by the laboratory on 01/18/17 8:30.

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". The signature is written in a cursive 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:	01/18/2017	Sampling Date:	01/13/2017
Reported:	01/23/2017	Sampling Type:	Soil
Project Name:	CCAP STATE COM #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	COG		

Sample ID: SP 1 @ 1' (H700112-01)

BTEX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.374	0.050	01/18/2017	ND	1.87	93.7	2.00	0.661	
Toluene*	3.02	0.050	01/18/2017	ND	1.85	92.6	2.00	0.536	
Ethylbenzene*	1.31	0.050	01/18/2017	ND	1.87	93.7	2.00	0.354	
Total Xylenes*	4.16	0.150	01/18/2017	ND	5.31	88.5	6.00	0.366	
Total BTEX	8.86	0.300	01/18/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 132 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/18/2017	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	66.2	10.0	01/18/2017	ND	207	103	200	8.30	
DRO >C10-C28	717	10.0	01/18/2017	ND	209	104	200	5.39	

Surrogate: 1-Chlorooctane 107 % 35-147
Surrogate: 1-Chlorooctadecane 98.1 % 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:	01/18/2017	Sampling Date:	01/13/2017
Reported:	01/23/2017	Sampling Type:	Soil
Project Name:	CCAP STATE COM #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	COG		

Sample ID: SP 1 @ 2' (H700112-02)

BTEX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.224	0.050	01/19/2017	ND	1.90	95.0	2.00	0.304	
Toluene*	2.59	0.050	01/19/2017	ND	1.88	93.8	2.00	0.0865	QM-07
Ethylbenzene*	1.07	0.050	01/19/2017	ND	1.90	95.0	2.00	0.169	
Total Xylenes*	3.89	0.150	01/19/2017	ND	5.38	89.7	6.00	0.0756	
Total BTEX	7.77	0.300	01/19/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 128 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/18/2017	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	46.3	10.0	01/18/2017	ND	207	103	200	8.30	
DRO >C10-C28	697	10.0	01/18/2017	ND	209	104	200	5.39	

Surrogate: 1-Chlorooctane 85.4 % 35-147

Surrogate: 1-Chlorooctadecane 91.5 % 28-171

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Analytical Results For:

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

Received:	01/18/2017	Sampling Date:	01/13/2017
Reported:	01/23/2017	Sampling Type:	Soil
Project Name:	CCAP STATE COM #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	COG		

Sample ID: SP 1 @ 3' (H700112-03)

BTEX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.053	0.050	01/19/2017	ND	1.90	95.0	2.00	0.304	
Toluene*	0.600	0.050	01/19/2017	ND	1.88	93.8	2.00	0.0865	
Ethylbenzene*	0.241	0.050	01/19/2017	ND	1.90	95.0	2.00	0.169	
Total Xylenes*	1.17	0.150	01/19/2017	ND	5.38	89.7	6.00	0.0756	
Total BTEX	2.06	0.300	01/19/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	01/18/2017	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/18/2017	ND	207	103	200	8.30	
DRO >C10-C28	125	10.0	01/18/2017	ND	209	104	200	5.39	

Surrogate: 1-Chlorooctane 87.0 % 35-147

Surrogate: 1-Chlorooctadecane 82.7 % 28-171

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

Received:	01/18/2017	Sampling Date:	01/13/2017
Reported:	01/23/2017	Sampling Type:	Soil
Project Name:	CCAP STATE COM #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	COG		

Sample ID: SP 2 @ 1' (H700112-04)

BTEX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.238	0.050	01/19/2017	ND	1.90	95.0	2.00	0.304	
Toluene*	2.32	0.050	01/19/2017	ND	1.88	93.8	2.00	0.0865	
Ethylbenzene*	0.934	0.050	01/19/2017	ND	1.90	95.0	2.00	0.169	
Total Xylenes*	3.39	0.150	01/19/2017	ND	5.38	89.7	6.00	0.0756	
Total BTEX	6.88	0.300	01/19/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 131 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/18/2017	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	61.6	10.0	01/18/2017	ND	207	103	200	8.30	
DRO >C10-C28	799	10.0	01/18/2017	ND	209	104	200	5.39	

Surrogate: 1-Chlorooctane 102 % 35-147

Surrogate: 1-Chlorooctadecane 106 % 28-171

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Analytical Results For:

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

Received:	01/18/2017	Sampling Date:	01/13/2017
Reported:	01/23/2017	Sampling Type:	Soil
Project Name:	CCAP STATE COM #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	COG		

Sample ID: SP 2 @ 2' (H700112-05)

BTEX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.195	0.050	01/19/2017	ND	1.90	95.0	2.00	0.304	
Toluene*	2.14	0.050	01/19/2017	ND	1.88	93.8	2.00	0.0865	
Ethylbenzene*	0.778	0.050	01/19/2017	ND	1.90	95.0	2.00	0.169	
Total Xylenes*	2.76	0.150	01/19/2017	ND	5.38	89.7	6.00	0.0756	
Total BTEX	5.87	0.300	01/19/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/18/2017	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	47.3	10.0	01/18/2017	ND	207	103	200	8.30	
DRO >C10-C28	641	10.0	01/18/2017	ND	209	104	200	5.39	

Surrogate: 1-Chlorooctane 97.9 % 35-147

Surrogate: 1-Chlorooctadecane 95.0 % 28-171

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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:	01/18/2017	Sampling Date:	01/13/2017
Reported:	01/23/2017	Sampling Type:	Soil
Project Name:	CCAP STATE COM #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	COG		

Sample ID: SP 2 @ 3' (H700112-06)

BTEX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/19/2017	ND	1.90	95.0	2.00	0.304	
Toluene*	0.334	0.050	01/19/2017	ND	1.88	93.8	2.00	0.0865	
Ethylbenzene*	0.136	0.050	01/19/2017	ND	1.90	95.0	2.00	0.169	
Total Xylenes*	0.731	0.150	01/19/2017	ND	5.38	89.7	6.00	0.0756	
Total BTEX	1.20	0.300	01/19/2017	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	01/18/2017	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/18/2017	ND	207	103	200	8.30	
DRO >C10-C28	80.5	10.0	01/18/2017	ND	209	104	200	5.39	

Surrogate: 1-Chlorooctane 73.8 % 35-147

Surrogate: 1-Chlorooctadecane 68.7 % 28-171

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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:	01/18/2017	Sampling Date:	01/13/2017
Reported:	01/23/2017	Sampling Type:	Soil
Project Name:	CCAP STATE COM #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	COG		

Sample ID: NORTH SAMPLE (H700112-07)

BTEX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.072	0.050	01/19/2017	ND	1.90	95.0	2.00	0.304	
Toluene*	0.560	0.050	01/19/2017	ND	1.88	93.8	2.00	0.0865	
Ethylbenzene*	0.141	0.050	01/19/2017	ND	1.90	95.0	2.00	0.169	
Total Xylenes*	0.747	0.150	01/19/2017	ND	5.38	89.7	6.00	0.0756	
Total BTEX	1.52	0.300	01/19/2017	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	01/18/2017	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/18/2017	ND	207	103	200	8.30	
DRO >C10-C28	<10.0	10.0	01/18/2017	ND	209	104	200	5.39	

Surrogate: 1-Chlorooctane 76.5 % 35-147

Surrogate: 1-Chlorooctadecane 88.0 % 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:	01/18/2017	Sampling Date:	01/13/2017
Reported:	01/23/2017	Sampling Type:	Soil
Project Name:	CCAP STATE COM #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	COG		

Sample ID: EAST SAMPLE (H700112-08)

BTEX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/19/2017	ND	1.90	95.0	2.00	0.304	
Toluene*	0.247	0.050	01/19/2017	ND	1.88	93.8	2.00	0.0865	
Ethylbenzene*	0.070	0.050	01/19/2017	ND	1.90	95.0	2.00	0.169	
Total Xylenes*	0.436	0.150	01/19/2017	ND	5.38	89.7	6.00	0.0756	
Total BTEX	0.753	0.300	01/19/2017	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	01/18/2017	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/18/2017	ND	207	103	200	8.30	
DRO >C10-C28	<10.0	10.0	01/18/2017	ND	209	104	200	5.39	

Surrogate: 1-Chlorooctane 85.7 % 35-147

Surrogate: 1-Chlorooctadecane 93.2 % 28-171

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Analytical Results For:

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

Received:	01/18/2017	Sampling Date:	01/13/2017
Reported:	01/23/2017	Sampling Type:	Soil
Project Name:	CCAP STATE COM #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	COG		

Sample ID: SOUTH SAMPLE (H700112-09)

BTEX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/19/2017	ND	1.90	95.0	2.00	0.304	
Toluene*	0.323	0.050	01/19/2017	ND	1.88	93.8	2.00	0.0865	
Ethylbenzene*	0.101	0.050	01/19/2017	ND	1.90	95.0	2.00	0.169	
Total Xylenes*	0.567	0.150	01/19/2017	ND	5.38	89.7	6.00	0.0756	
Total BTEX	0.991	0.300	01/19/2017	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	01/18/2017	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/18/2017	ND	207	103	200	8.30	
DRO >C10-C28	<10.0	10.0	01/18/2017	ND	209	104	200	5.39	

Surrogate: 1-Chlorooctane 77.9 % 35-147

Surrogate: 1-Chlorooctadecane 84.4 % 28-171

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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:	01/18/2017	Sampling Date:	01/13/2017
Reported:	01/23/2017	Sampling Type:	Soil
Project Name:	CCAP STATE COM #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	COG		

Sample ID: WEST SAMPLE (H700112-10)

BTEX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/19/2017	ND	1.90	95.0	2.00	0.304	
Toluene*	0.391	0.050	01/19/2017	ND	1.88	93.8	2.00	0.0865	
Ethylbenzene*	0.089	0.050	01/19/2017	ND	1.90	95.0	2.00	0.169	
Total Xylenes*	0.491	0.150	01/19/2017	ND	5.38	89.7	6.00	0.0756	
Total BTEX	0.970	0.300	01/19/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	01/18/2017	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/18/2017	ND	207	103	200	8.30	
DRO >C10-C28	<10.0	10.0	01/18/2017	ND	209	104	200	5.39	

Surrogate: 1-Chlorooctane 81.7 % 35-147

Surrogate: 1-Chlorooctadecane 79.0 % 28-171

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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





ARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

10/1

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

Project Manager: **Cliff Brunson** Company: **BBC**

Address: **P.O. Box 805** City: **Hobbs** State: **NM** Zip: **88241**

Phone #: **575-397-6388** Fax #: **575-397-0397**

Project #: **COG** Project Owner: **COG**

Project Name: **CCAP STATE COM #2** City: **State** State: **State** Zip: **Zip**

Project Location: **ROGER HERNANDEZ** Phone #: **Phone #**

Sampler Name: **ROGER HERNANDEZ** Fax #: **Fax #**

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.	SAMPLING	DATE	TIME	TPH	BTEX	CHLORIDE
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :							
H70012	SP1 @ 1'	G	1								1/3/17	1020				
	SP2 @ 2'	G	1								1/3/17	1050				
	SP2 @ 3'	G	1								1/3/17	1110				
	SP2 @ 1'	G	1								1/3/17	1150				
	2'	G	1								1/3/17	115				
	3'	G	1								1/3/17	140				
	NORTH SAMPLE	G	1								1/3/17	200				
	EAST SAMPLE	G	1								1/3/17	210				
	SOUTH SAMPLE	G	1								1/3/17	730				
	WEST SAMPLE	G	1								1/3/17	730				

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Relinquished By: Roger Hernandez Date: 01/17/17 Time: 8:30

Relinquished By: Roger Hernandez Date: 01/17/17 Time: 8:30

Received By: John Johnson

Delivered By: (Circle One) UPS #75 -4.22

Sampler - UPS - Bus - Other: #75 -4.22

Sample Condition: Cool Intact Yes No Yes No

CHECKED BY: [Signature]

Phone Result: Yes No Add'l Phone #: _____

Fax Result: Yes No Add'l Fax #: _____

REMARKS: _____

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

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

Form C-141
Revised August 8, 2011

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

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

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

Name of Company:	COG Operating LLC	Contact:	Robert McNeill
Address:	600 West Illinois Avenue, Midland TX 79701	Telephone No.	432-683-7443
Facility Name:	CCAP STATE COM #002	Facility Type:	Tank Battery
Surface Owner:	State	Mineral Owner:	API No. 30-015-31567

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
O	16	22S	27E	990'	South	1488'	East	Eddy

Latitude 32.3880157 Longitude 104.1911011

NATURE OF RELEASE

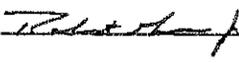
Type of Release:	Oil & Produced Water	Volume of Release:	5bbls of Oil & 50bbls of Produced Water	Volume Recovered:	5bbls of Oil & 50bbls of Produced Water
Source of Release:	Oil Tank	Date and Hour of Occurrence:	09-06-2016 12:00	Date and Hour of Discovery:	09-06-2016 12:00
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Mr. Bratcher - NMOCD / Ms. Groves - SLO			
By Whom?	Robert Grubbs Jr	Date and Hour:	Wed 9/7/2016 9:30 AM		
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.*
The release was caused by a hole in the middle of the oil tank due to corrosion. Move production fluid to a different tank.

Describe Area Affected and Cleanup Action Taken.*
This release occurred within a lined facility. Vacuum trucks were dispatched to remove all freestanding fluids. Concho will have the spill site inspected for any possible contamination from the release and we will present a remediation work plan to the NMOCD for approval prior to any significant remediation work.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature:		OIL CONSERVATION DIVISION		
Printed Name:	Robert Grubbs Jr.	Approved by Environmental Specialist:		
Title:	Senior Environmental Coordinator	Approval Date:	Expiration Date:	
E-mail Address:	rgrubbs@concho.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date:	September 8, 2016	Phone:	432-683-7443	

* Attach Additional Sheets if Necessary