



September 22, 2015

Oil Conservation Division
District 2 – Artesia
811 S. First St.
Artesia, NM 88210

Re: Burch Keely Unit #530
Sec. 13, T17S-R29E
Eddy County, NM

Mr. Mike Bratcher,

COG Operating LLC would like to submit for your consideration the enclosed work plan for the above captioned well. The plan is in response to the C-141 Initial report dated July 14, 2015.

Background

The release was caused by a leak on a buried fiberglass flow line resulting in the release of 10 barrels of oil and 30 barrels of produced water. Upon discovery, the line was isolated and crews were dispatched to expose and repair the line. The release occurred on a COG right of way impacting an approximate area of 30' in width by 250' in length to include the right of way and the adjacent pasture.

Groundwater

Based on the information obtained through the use of the Chevron-Texaco Maps, the release area would be classified at a site ranking of **Zero** with depth to groundwater at greater than 100'.

Soil Assessment and Analytical Results

Sample points for the release area are labeled as S1, S2, and S3 on the attached Site Diagram. Accessibility and major pooling areas of the release was the basis in which points were chosen. According to the analytical results obtained, S1 has elevated concentrations of BTEX and TPH to a depth of 1' and slightly elevated chloride levels with delineation showing a decrease in concentration. S2 resulted in BTEX and TPH levels within RRAL's for a site ranking of Zero and elevated chloride concentrations to a depth of 3' with delineation results showing a decrease in concentration. S3 which was the major pooling area of the release was taken approximately 25' east of the buried pipeline. S3 results indicate elevated levels of BTEX, TPH, and chlorides to a depth of

10' with levels within RRAL's for BTEX and TPH at a depth of 12'. Chloride results were delineated to 14' due to the inability for further delineation with the use of a backhoe and the instability of the surrounding soil structure. Copies of the analytical results along with a site diagram and sample summary table are attached for your consideration.

Work Plan

COG Operating LLC purposes the following excavations for remediation of the release area:

S1 – Excavate to a depth of approximately 3'.

S2 – Excavate to a depth of approximately 3”.

S3 – Excavate to a depth of approximately 11' with no excavation within 3' of the buried fiberglass pipeline due to excavation and backfill with clean material during repairs.

The area approximately 3' to either side of the buried fiberglass pipeline has been excavated to a depth of 5' by 6' in width by ~ 50' in length for repair purposes. All material excavated during repairs was hauled for disposal to a NMOCD approved facility and was backfilled and compacted with material suitable for the stability of the fiberglass pipeline. Depending on the stability of the surrounding soil during excavation, an attempt will be made to further delineate S3 to chloride concentrations below 1000 ppm and if made possible, will be submitted during closure. All areas excavated will be backfilled with like materials and enough lift to prevent future pooling over the remediated area. Safety during excavation will be made priority for the personnel involved, thus shoring of the excavated area will require encroachment of the surrounding pasture. All areas affected during excavation will be returned to their normal state and will be reseeded in June of 2016.

If there are no objections or further stipulations, COG Operating LLC would like to begin the remediation process based on approval of this work plan. Please feel free to contact me with any questions or concerns at (575) 748-6933.

Sincerely,



Lupe Carrasco
Environmental Coordinator

Enclosure(s): Site Diagram
Sample Summary Table
Analytical Results
C-141 Initial (Copy)

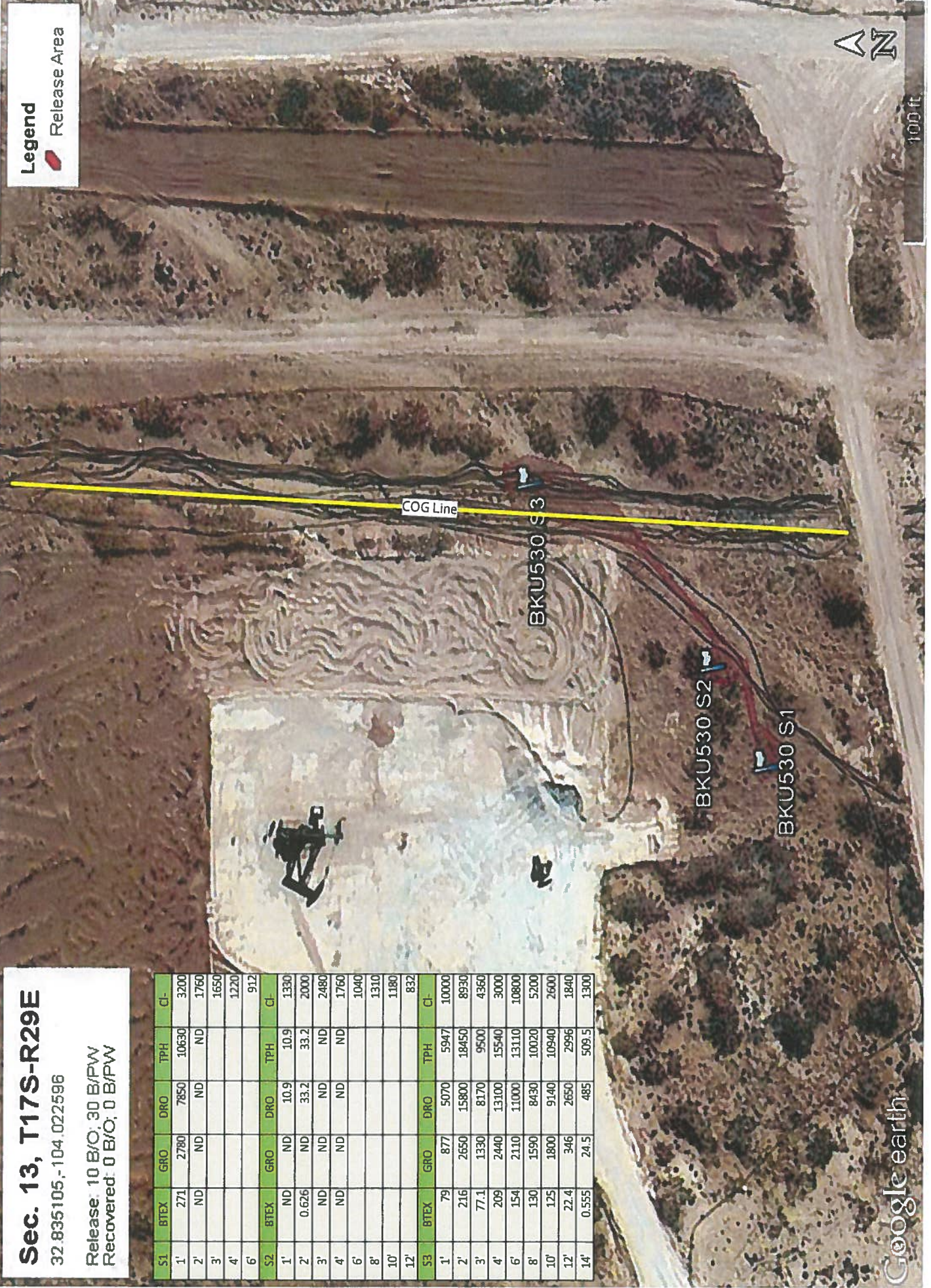
Burch Keely Unit #530

Sec. 13, T17S-R29E

32.835105-.104.022596

Release: 10 B/O; 30 B/PW
Recovered: 0 B/O; 0 B/PW

S1	BTEX	GRO	DRO	TPH	Cl-
1'	271	2780	7850	10630	3200
2'	ND	ND	ND	ND	1760
3'					1650
4'					1220
6'					912
S2	BTEX	GRO	DRO	TPH	Cl-
1'	ND	ND	10.9	10.9	1330
2'	0.626	ND	33.2	33.2	2000
3'	ND	ND	ND	ND	2480
4'	ND	ND	ND	ND	1760
6'					1040
8'					1310
10'					1180
12'					832
S3	BTEX	GRO	DRO	TPH	Cl-
1'	79	877	5070	5947	10000
2'	216	2650	15800	18450	8930
3'	77.1	1330	8170	9500	4360
4'	209	2440	13100	15540	3000
6'	154	2110	11000	13110	10800
8'	130	1590	8430	10020	5200
10'	125	1800	9140	10940	2600
12'	22.4	346	2650	2996	1840
14'	0.555	24.5	485	509.5	1300



August 10, 2015

LUPE CARRASCO
COG Operating, LLC
500 W. ILLINOIS
Midland, TX 79701

RE: BKU #530

Enclosed are the results of analyses for samples received by the laboratory on 07/15/15 14:10.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,



Celey D. Keene
Lab Director/Quality Manager

Analytical Results For:

 COG Operating, LLC
 LUPE CARRASCO
 500 W. ILLINOIS
 Midland TX, 79701
 Fax To: None

 Received: 07/15/2015
 Reported: 08/10/2015
 Project Name: BKU #530
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 07/14/2015
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Judy Garcia

Sample ID: S1-1 (H501812-01)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	4.71	2.00	07/20/2015	ND	1.95	97.6	2.00	1.98	
Toluene*	85.4	2.00	07/20/2015	ND	1.97	98.6	2.00	2.26	
Ethylbenzene*	89.8	2.00	07/20/2015	ND	2.08	104	2.00	2.40	
Total Xylenes*	91.0	6.00	07/20/2015	ND	5.43	90.5	6.00	2.86	
Total BTEX	271	12.0	07/20/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 133 % 85.6-137

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3200	16.0	07/21/2015	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	2780	100	07/17/2015	ND	182	90.8	200	2.44		
DRO >C10-C28	7850	100	07/17/2015	ND	190	94.8	200	2.41		

Surrogate: 1-Chlorooctane 209 % 47.2-157

Surrogate: 1-Chlorooctadecane 146 % 52.1-176

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 COG Operating, LLC
 LUPE CARRASCO
 500 W. ILLINOIS
 Midland TX, 79701
 Fax To: None

 Received: 07/15/2015
 Reported: 08/10/2015
 Project Name: BKU #530
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 07/14/2015
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Judy Garcia

Sample ID: S1-2 (H501812-02)

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	07/20/2015	ND	1.95	97.6	2.00	1.98		
Toluene*	<0.050	0.050	07/20/2015	ND	1.97	98.6	2.00	2.26		
Ethylbenzene*	<0.050	0.050	07/20/2015	ND	2.08	104	2.00	2.40		
Total Xylenes*	<0.150	0.150	07/20/2015	ND	5.43	90.5	6.00	2.86		
Total BTEX	<0.300	0.300	07/20/2015	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1760	16.0	07/21/2015	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	07/18/2015	ND	183	91.3	200	5.04		
DRO >C10-C28	<10.0	10.0	07/18/2015	ND	189	94.6	200	7.58		

Surrogate: 1-Chlorooctane 90.1 % 47.2-157

Surrogate: 1-Chlorooctadecane 92.3 % 52.1-176

Sample ID: S1-3 (H501812-03)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1650	16.0	07/22/2015	ND	416	104	400	0.00		

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 COG Operating, LLC
 LUPE CARRASCO
 500 W. ILLINOIS
 Midland TX, 79701
 Fax To: None

 Received: 07/15/2015
 Reported: 08/10/2015
 Project Name: BKU #530
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 07/14/2015
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Judy Garcia

Sample ID: S1-4 (H501812-04)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1220	16.0	07/26/2015	ND	400	100	400	7.69		

Sample ID: S1-6 (H501812-05)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	912	16.0	07/28/2015	ND	400	100	400	3.92		

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 COG Operating, LLC
 LUPE CARRASCO
 500 W. ILLINOIS
 Midland TX, 79701
 Fax To: None

 Received: 07/15/2015
 Reported: 08/10/2015
 Project Name: BKU #530
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 07/14/2015
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Judy Garcia

Sample ID: S2-1 (H501812-06)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/20/2015	ND	1.95	97.6	2.00	1.98		
Toluene*	<0.050	0.050	07/20/2015	ND	1.97	98.6	2.00	2.26		
Ethylbenzene*	<0.050	0.050	07/20/2015	ND	2.08	104	2.00	2.40		
Total Xylenes*	<0.150	0.150	07/20/2015	ND	5.43	90.5	6.00	2.86		
Total BTEX	<0.300	0.300	07/20/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 85.6-137

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1330	16.0	07/21/2015	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	07/17/2015	ND	179	89.5	200	12.7		
DRO >C10-C28	10.9	10.0	07/17/2015	ND	161	80.7	200	16.2		

Surrogate: 1-Chlorooctane 80.6 % 47.2-157

Surrogate: 1-Chlorooctadecane 84.2 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 COG Operating, LLC
 LUPE CARRASCO
 500 W. ILLINOIS
 Midland TX, 79701
 Fax To: None

 Received: 07/15/2015
 Reported: 08/10/2015
 Project Name: BKU #530
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 07/14/2015
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Judy Garcia

Sample ID: S2-2 (H501812-07)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/20/2015	ND	1.95	97.6	2.00	1.98		
Toluene*	<0.050	0.050	07/20/2015	ND	1.97	98.6	2.00	2.26		
Ethylbenzene*	0.268	0.050	07/20/2015	ND	2.08	104	2.00	2.40		
Total Xylenes*	0.358	0.150	07/20/2015	ND	5.43	90.5	6.00	2.86		
Total BTEX	0.626	0.300	07/20/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 125 % 85.6-137

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2000	16.0	07/21/2015	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	07/17/2015	ND	179	89.5	200	12.7		
DRO >C10-C28	33.2	10.0	07/17/2015	ND	161	80.7	200	16.2		

Surrogate: 1-Chlorooctane 84.3 % 47.2-157

Surrogate: 1-Chlorooctadecane 86.2 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 COG Operating, LLC
 LUPE CARRASCO
 500 W. ILLINOIS
 Midland TX, 79701
 Fax To: None

 Received: 07/15/2015
 Reported: 08/10/2015
 Project Name: BKU #530
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 07/14/2015
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Judy Garcia

Sample ID: S2-3 (H501812-08)

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	07/20/2015	ND	1.95	97.6	2.00	1.98		
Toluene*	<0.050	0.050	07/20/2015	ND	1.97	98.6	2.00	2.26		
Ethylbenzene*	<0.050	0.050	07/20/2015	ND	2.08	104	2.00	2.40		
Total Xylenes*	<0.150	0.150	07/20/2015	ND	5.43	90.5	6.00	2.86		
Total BTEX	<0.300	0.300	07/20/2015	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2480	16.0	07/22/2015	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	07/17/2015	ND	179	89.5	200	12.7		
DRO >C10-C28	<10.0	10.0	07/17/2015	ND	161	80.7	200	16.2		

Surrogate: 1-Chlorooctane 76.9 % 47.2-157

Surrogate: 1-Chlorooctadecane 77.9 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 COG Operating, LLC
 LUPE CARRASCO
 500 W. ILLINOIS
 Midland TX, 79701
 Fax To: None

 Received: 07/15/2015
 Reported: 08/10/2015
 Project Name: BKU #530
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 07/14/2015
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Judy Garcia

Sample ID: S2-4 (H501812-09)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/20/2015	ND	1.95	97.6	2.00	1.98		
Toluene*	<0.050	0.050	07/20/2015	ND	1.97	98.6	2.00	2.26		
Ethylbenzene*	<0.050	0.050	07/20/2015	ND	2.08	104	2.00	2.40		
Total Xylenes*	<0.150	0.150	07/20/2015	ND	5.43	90.5	6.00	2.86		
Total BTEX	<0.300	0.300	07/20/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 85 6-137

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1760	16.0	07/26/2015	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	07/17/2015	ND	179	89.5	200	12.7		
DRO >C10-C28	<10.0	10.0	07/17/2015	ND	161	80.7	200	16.2		

Surrogate: 1-Chlorooctane 68.5 % 47.2-157

Surrogate: 1-Chlorooctadecane 71.5 % 52.1-176

Sample ID: S2-6 (H501812-10)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1040	16.0	07/28/2015	ND	400	100	400	3.92		

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 COG Operating, LLC
 LUPE CARRASCO
 500 W. ILLINOIS
 Midland TX, 79701
 Fax To: None

 Received: 07/15/2015
 Reported: 08/10/2015
 Project Name: BKU #530
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 07/14/2015
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Judy Garcia

Sample ID: S2-8 (H501812-11)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1310	16.0	07/30/2015	ND	416	104	400	0.00		

Sample ID: S2-10 (H501812-12)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1180	16.0	08/03/2015	ND	400	100	400	3.92		

Sample ID: S2-12 (H501812-13)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	832	16.0	08/06/2015	ND	416	104	400	0.00		

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 COG Operating, LLC
 LUPE CARRASCO
 500 W. ILLINOIS
 Midland TX, 79701
 Fax To: None

 Received: 07/15/2015
 Reported: 08/10/2015
 Project Name: BKU #530
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 07/14/2015
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Judy Garcia

Sample ID: S3-1 (H501812-14)

BTEX 8021B		mg/kg		Analyzed By: MS				S-06		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	2.72	0.500	07/20/2015	ND	1.95	97.6	2.00	1.98		
Toluene*	23.7	0.500	07/20/2015	ND	1.97	98.6	2.00	2.26		
Ethylbenzene*	26.4	0.500	07/20/2015	ND	2.08	104	2.00	2.40		
Total Xylenes*	26.1	1.50	07/20/2015	ND	5.43	90.5	6.00	2.86		
Total BTEX	79.0	3.00	07/20/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 147 % 85.6-137

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	10000	16.0	07/21/2015	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	877	100	07/17/2015	ND	179	89.5	200	12.7		
DRO >C10-C28	5070	100	07/17/2015	ND	161	80.7	200	16.2		

Surrogate: 1-Chlorooctane 150 % 47.2-157

Surrogate: 1-Chlorooctadecane 146 % 52.1-176

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Analytical Results For:

 COG Operating, LLC
 LUPE CARRASCO
 500 W. ILLINOIS
 Midland TX, 79701
 Fax To: None

 Received: 07/15/2015
 Reported: 08/10/2015
 Project Name: BKJ #530
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 07/14/2015
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Judy Garcia

Sample ID: S3-2 (H501812-15)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	9.76	2.00	07/20/2015	ND	1.95	97.6	2.00	1.98		
Toluene*	70.3	2.00	07/20/2015	ND	1.97	98.6	2.00	2.26		
Ethylbenzene*	69.0	2.00	07/20/2015	ND	2.08	104	2.00	2.40		
Total Xylenes*	66.9	6.00	07/20/2015	ND	5.43	90.5	6.00	2.86		
Total BTEX	216	12.0	07/20/2015	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 129 % 85.6-137

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	8930	16.0	07/21/2015	ND	416	104	400	0.00		
TPH 8015M		mg/kg		Analyzed By: MS						
S-06										

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	2650	100	07/17/2015	ND	179	89.5	200	12.7	
DRO >C10-C28	15800	100	07/17/2015	ND	161	80.7	200	16.2	

Surrogate: 1-Chlorooctane 163 % 47.2-157

Surrogate: 1-Chlorooctadecane 231 % 52.1-176

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Analytical Results For:

 COG Operating, LLC
 LUPE CARRASCO
 500 W. ILLINOIS
 Midland TX, 79701
 Fax To: None

 Received: 07/15/2015
 Reported: 08/10/2015
 Project Name: BKU #530
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 07/14/2015
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Judy Garcia

Sample ID: S3-3 (H501812-16)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	1.39	1.00	07/20/2015	ND	1.95	97.6	2.00	1.98	
Toluene*	20.3	1.00	07/20/2015	ND	1.97	98.6	2.00	2.26	
Ethylbenzene*	27.6	1.00	07/20/2015	ND	2.08	104	2.00	2.40	
Total Xylenes*	27.8	3.00	07/20/2015	ND	5.43	90.5	6.00	2.86	
Total BTEX	77.1	6.00	07/20/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 130 % 85.6-137

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4360	16.0	07/22/2015	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	1330	100	07/17/2015	ND	179	89.5	200	12.7		
DRO >C10-C28	8170	100	07/17/2015	ND	161	80.7	200	16.2		

Surrogate: 1-Chlorooctane 190 % 47.2-157

Surrogate: 1-Chlorooctadecane 179 % 52.1-176

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 500 W. ILLINOIS
 Midland TX, 79701
 Fax To: None

 Received: 07/15/2015
 Reported: 08/10/2015
 Project Name: BKU #530
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 07/14/2015
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Judy Garcia

Sample ID: S3-4 (H501812-17)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	8.10	2.00	07/20/2015	ND	2.04	102	2.00	2.59		
Toluene*	68.2	2.00	07/20/2015	ND	2.06	103	2.00	4.16		
Ethylbenzene*	67.6	2.00	07/20/2015	ND	2.25	113	2.00	3.74		
Total Xylenes*	64.9	6.00	07/20/2015	ND	5.91	98.4	6.00	3.95		
Total BTEX	209	12.0	07/20/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 125 % 85.6-137

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3000	16.0	07/26/2015	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS							S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10	2440	100	07/17/2015	ND	179	89.5	200	12.7			
DRO >C10-C28	13100	100	07/17/2015	ND	161	80.7	200	16.2			

Surrogate: 1-Chlorooctane 153 % 47.2-157

Surrogate: 1-Chlorooctadecane 209 % 52.1-176

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 Midland TX, 79701
 Fax To: None

 Received: 07/15/2015
 Reported: 08/10/2015
 Project Name: BKU #530
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 07/14/2015
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Judy Garcia

Sample ID: S3-6 (H501812-18)

BTEX 8021B		mg/kg		Analyzed By: MS				O-04, S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	2.69	1.00	08/07/2015	ND	1.78	88.9	2.00	0.903		
Toluene*	43.2	1.00	08/07/2015	ND	1.75	87.4	2.00	0.767		
Ethylbenzene*	51.8	1.00	08/07/2015	ND	1.83	91.5	2.00	2.33		
Total Xylenes*	56.7	3.00	08/07/2015	ND	5.17	86.1	6.00	0.329		
Total BTEX	154	6.00	08/07/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 140 % 85.6-137

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10800	16.0	07/28/2015	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS						O-04, S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	2110	200	08/06/2015	ND	193	96.5	200	1.48		
DRO >C10-C28	11000	200	08/06/2015	ND	175	87.5	200	2.76		

Surrogate: 1-Chlorooctane 291 % 47.2-157

Surrogate: 1-Chlorooctadecane 297 % 52.1-176

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Analytical Results For:

 COG Operating, LLC
 LUPE CARRASCO
 500 W. ILLINOIS
 Midland TX, 79701
 Fax To: None

 Received: 07/15/2015
 Reported: 08/10/2015
 Project Name: BKU #530
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 07/14/2015
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Judy Garcia

Sample ID: S3-8 (H501812-19)

BTEX 8021B		mg/kg		Analyzed By: MS				O-04, S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<1.00	1.00	08/07/2015	ND	1.78	88.9	2.00	0.903		
Toluene*	32.6	1.00	08/07/2015	ND	1.75	87.4	2.00	0.767		
Ethylbenzene*	44.3	1.00	08/07/2015	ND	1.83	91.5	2.00	2.33		
Total Xylenes*	53.3	3.00	08/07/2015	ND	5.17	86.1	6.00	0.329		
Total BTEX	130	6.00	08/07/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 141 % 85.6-137

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5200	16.0	07/30/2015	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS				O-04, S-06		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	1590	200	08/06/2015	ND	193	96.5	200	1.48		
DRO >C10-C28	8430	200	08/06/2015	ND	175	87.5	200	2.76		

Surrogate: 1-Chlorooctane 261 % 47.2-157

Surrogate: 1-Chlorooctadecane 239 % 52.1-176

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Analytical Results For:

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 LUPE CARRASCO
 500 W. ILLINOIS
 Midland TX, 79701
 Fax To: None

 Received: 07/15/2015
 Reported: 08/10/2015
 Project Name: BKU #530
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 07/14/2015
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Judy Garcia

Sample ID: S3-10 (H501812-20)

BTEX 8021B		mg/kg		Analyzed By: MS				O-04, S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	1.77	1.00	08/07/2015	ND	1.78	88.9	2.00	0.903		
Toluene*	34.0	1.00	08/07/2015	ND	1.75	87.4	2.00	0.767		
Ethylbenzene*	41.3	1.00	08/07/2015	ND	1.83	91.5	2.00	2.33		
Total Xylenes*	47.5	3.00	08/07/2015	ND	5.17	86.1	6.00	0.329		
Total BTEX	125	6.00	08/07/2015	ND						

Surrogate: 4-Bromofluorobenzene (PIL) 139% 85.6-137

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2600	16.0	08/03/2015	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS				O-04, S-06		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	1800	200	08/06/2015	ND	193	96.5	200	1.48		
DRO >C10-C28	9140	200	08/06/2015	ND	175	87.5	200	2.76		

Surrogate: 1-Chlorooctane 274% 47.2-157

Surrogate: 1-Chlorooctadecane 250% 52.1-176

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Analytical Results For:

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 LUPE CARRASCO
 500 W. ILLINOIS
 Midland TX, 79701
 Fax To: None

 Received: 07/15/2015
 Reported: 08/10/2015
 Project Name: BKU #530
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 07/14/2015
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Judy Garcia

Sample ID: S3-12 (H501812-21)

BTEX 8021B		mg/kg		Analyzed By: MS				O-04, S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.200	0.200	08/07/2015	ND	1.78	88.9	2.00	0.903		
Toluene*	3.28	0.200	08/07/2015	ND	1.75	87.4	2.00	0.767		
Ethylbenzene*	6.16	0.200	08/07/2015	ND	1.83	91.5	2.00	2.33		
Total Xylenes*	12.9	0.600	08/07/2015	ND	5.17	86.1	6.00	0.329		
Total BTEX	22.4	1.20	08/07/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 155 % 85.6-137

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1840	16.0	08/06/2015	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS				O-04, S-06		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	346	100	08/06/2015	ND	193	96.5	200	1.48		
DRO >C10-C28	2650	100	08/06/2015	ND	175	87.5	200	2.76		

Surrogate: 1-Chlorooctane 162 % 47.2-157

Surrogate: 1-Chlorooctadecane 184 % 52.1-176

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Analytical Results For:

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 500 W. ILLINOIS
 Midland TX, 79701
 Fax To: None

 Received: 07/15/2015
 Reported: 08/10/2015
 Project Name: BKU #530
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 07/14/2015
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Judy Garcia

Sample ID: S3-14 (H501812-22)

BTEX 8021B		mg/kg		Analyzed By: MS				O-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/07/2015	ND	1.78	88.9	2.00	0.903		
Toluene*	<0.050	0.050	08/07/2015	ND	1.75	87.4	2.00	0.767		
Ethylbenzene*	0.065	0.050	08/07/2015	ND	1.83	91.5	2.00	2.33		
Total Xylenes*	0.490	0.150	08/07/2015	ND	5.17	86.1	6.00	0.329		
Total BTEX	0.555	0.300	08/07/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 130 % 85 6-137

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1300	16.0	08/06/2015	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS				O-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	24.5	10.0	08/06/2015	ND	193	96.5	200	1.48		
DRO >C10-C28	485	10.0	08/06/2015	ND	175	87.5	200	2.76		

Surrogate: 1-Chlorooctane 128 % 47.2-157

Surrogate: 1-Chlorooctadecane 135 % 52.1-176

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- QM-4X The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.
- O-04 This sample was analyzed outside the EPA recommended holding time.
- 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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

BILL TO

ANALYSIS REQUEST

Company Name: **COG Operating LLC**
 Project Manager: **Lupe Carrasco**
 Address: **2208 West Main**
 City: **Artesia** State: **NM** Zip: **88210**
 Phone #: **(575) 748-6940** Fax #: **(575) 748-6940**
 Project #: **(575) 748-6940**
 Project Name: **BKU #530**
 Project Location: **Project Owner:**
 Sampler Name: **Lupe Carrasco**
 P.O. #: **COG Operating LLC**
 Company: **COG Operating LLC**
 Attn: **Robert McNeill**
 Address: **600 W Illinois**
 City: **Midland**
 State: **TX** Zip: **79701**
 Phone #: **(432) 221-0388**

FOR LAB USE ONLY	Matrix	PRESERV.	SAMPLING
Lab I.D. HS01812	(G)RAB OR (C)OMP.		
Sample I.D.	# CONTAINERS		
	GROUNDWATER		
	WASTEWATER		
	SOIL		
	OIL		
	SLUDGE		
	OTHER		
	ACID/BASE		
	ICE / COOL		
	OTHER		
SI-1			7/14/15
SI-2			7/14/15
SI-3			7/14/15
SI-4			7/14/15
SI-6			7/14/15

DATE	TIME	BTEX	TPH	Chloride	OTHER
		X	X	X	
		X	X	X	
				X	
				X	
				X	

CI added 7/21
CI added 7/27

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Relinquished By: *Lupe Carrasco* Date: *7/15/15* Received By: *Judy Durvia*
 Relinquished By: *Judy Durvia* Date: *7/15/15* Received By: *Judy Durvia*

Delivered By: (Circle One)
 FORM 096 R 2.0
 Sampler - UPS - Bus - Other: *Bus*

Sample Condition
 Ccol Yes No
 Intact Yes No

CHECKED BY: *Judy Durvia*

REMARKS: *Run chlorides until samples fall below 1000ppm*
 alrujillo@concho.com



101 East Marland, Hobbs, NM 88240
 (575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: COG Operating LLC	P.O. #:	
Project Manager: Lupe Carrasco	Company: COG Operating LLC	
Address: 2208 West Main	Attn: Robert McNeill	
City: Artesia	Address: 600 W Illinois	
State: NM	City: Midland	
Zip: 88210	State: TX	
Phone #: (575) 748-6940	Zip: 79701	
Fax #: (575) 748-6940	Phone #: (432) 221-0388	
Project #: _____	Fax #: _____	
Project Name: BKU #530		
Project Location: _____		
Sampler Name: Lupe Carrasco		
FOR LAB USE ONLY		
Lab I.D. HS01812	Sample I.D.	
6	(G)RAB OR (C)OMP	
7	# CONTAINERS	
8	GROUNDWATER	
9	WASTEWATER	
10	SOIL	
11	OIL	
13	SLUDGE	
	OTHER :	
	ACID/BASE:	
	ICE / COOL	
	OTHER :	
	DATE	TIME
S2-1	7/14/15	X
S2-2	7/14/15	X
S2-3	7/14/15	X
S2-4	7/14/15	X
S2-6	7/14/15	X
S2-8	7/14/15	X
S2-10		X
S2-12		X
	BTEX	
	TPH	
	Chloride	
		Cl added 7/21
		Cl added 7/27
		Cl added 7/28
		Cl added 7/30
		Cl Added 8/5

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Relinquished By: _____ Date: _____ Received By: *Judy Garcia* Date: *7/15/15* Time: *14:10*

Delivered By: (Circle One) _____ Sample Condition: Cool Intake Yes No Yes No No
 CHECKED BY: *Jfg*

FORM-996 R 2.0
 Sampler - UPS - Bus - Other: _____
 Phone Result: Yes No No Add'l Phone #: _____
 Fax Result: Yes No Add'l Fax #: _____
 REMARKS: *gcarrasco@concho.com*
atmullin@concho.com Run chlorides until samples fall below 1000ppm



101 East Marland, Hobbs, NM 88240
 (575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: COG Operating LLC		BILL TO		P.O. #:		ANALYSIS REQUEST	
Project Manager: Lupe Carrasco		Address: 2208 West Main		Company: COG Operating LLC			
City: Artesia		State: NM Zip: 88210		Attn: Robert McNeill			
Phone #: (575) 748-6940		Fax #: Project Owner:		Address: 600 W Illinois			
Project #: BKU #530		Project Location: Lupe Carrasco		City: Midland			
Project Name: BKU #530		Project Location: Lupe Carrasco		State: TX Zip: 79701			
Project Location: Lupe Carrasco		Project Location: Lupe Carrasco		Phone #: (432) 221-0388			
Sample Name: Lupe Carrasco		FOR LAB USE ONLY		Fax #:			
Lab I.D. Sample I.D.		(G)RAB OR (C)OMP		PRESERV:			
H501812		# CONTAINERS		MATRIX			
14		GROUNDWATER		WASTEWATER			
15		SOIL		OIL			
16		SLUDGE		OTHER:			
17		ACID/BASE:		ICE / COOL			
18		OTHER:		DATE		TIME	
19		DATE		TIME		BTX	
20		TIME		BTX		TPH	
21		BTX		TPH		Chloride	
22		Chloride		CI added 7/21		CI added 7/27	
23		CI added 7/21		CI added 7/28		CI added 7/30	
24		CI added 7/28		CI added 8/5		BTX added 8/6	
25		CI added 7/30		BTX added 8/6		TPH added 8/6	
26		CI added 8/5					
27		BTX added 8/6					
28		TPH added 8/6					

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Relinquished By: _____ Date: _____ Received By: *Judy Barcia* Date: *7/15/15* Time: *14:10*

Delivered By: (Circle One) Bus - Other: _____ Sample Condition: Cool Intact Yes No

FORM-096 R 2.0
 Sampler - UPS - Bus - Other: *2.4c* Yes No *15.1*

REMARKS: *Run chlorides until samples fall below 1000ppm*

Phone Result: Yes No Add'l Phone #: _____
 Fax Result: Yes No Add'l Fax #: _____
 REMARKS: *geartraco@concho.com* *atrujillo@concho.com*

CHECKED BY: *[Signature]*

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. 432-230-0077
Facility Name: Burch Keely Unit #530	Facility Type: Well
Surface Owner: Federal	Mineral Owner:
API No. 30-015-39519	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
H	13	17S	29E	2310'	North	1043'	East	Eddy

Latitude 32.8355255 Longitude -104.023056

NATURE OF RELEASE

Type of Release: Oil & Produced Water	Volume of Release: 10 bbls Oil ; 30 bbls PW	Volume Recovered: 0 bbls Oil ; 0 bbls PW
Source of Release: Flowline	Date and Hour of Occurrence: 6/30/2015 7:25 am	Date and Hour of Discovery: 6/30/2015 7:25 am
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 / Jeff Robertson – BLM	
By Whom? Amanda Trujillo	Date and Hour: Wed 7/1/2015 5:23 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.*

This release was caused by a flowline leak on a fiberglass flowline. A vacuum truck was dispatched to recover the standing fluid.

Describe Area Affected and Cleanup Action Taken.*

This release impacted the pasture in an area approximately 30' x 250'. Concho will have the spill site sampled to delineate 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: 	<u>OIL CONSERVATION DIVISION</u>		
Printed Name: Amanda Trujillo	Approved by Environmental Specialist:		
Title: Senior Environmental Coordinator	Approval Date:	Expiration Date:	
E-mail Address: atrujillo@concho.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: July 14, 2015 Phone: 575-748-6940			

* Attach Additional Sheets If Necessary