

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 - SOPAPILLA STATE #1**

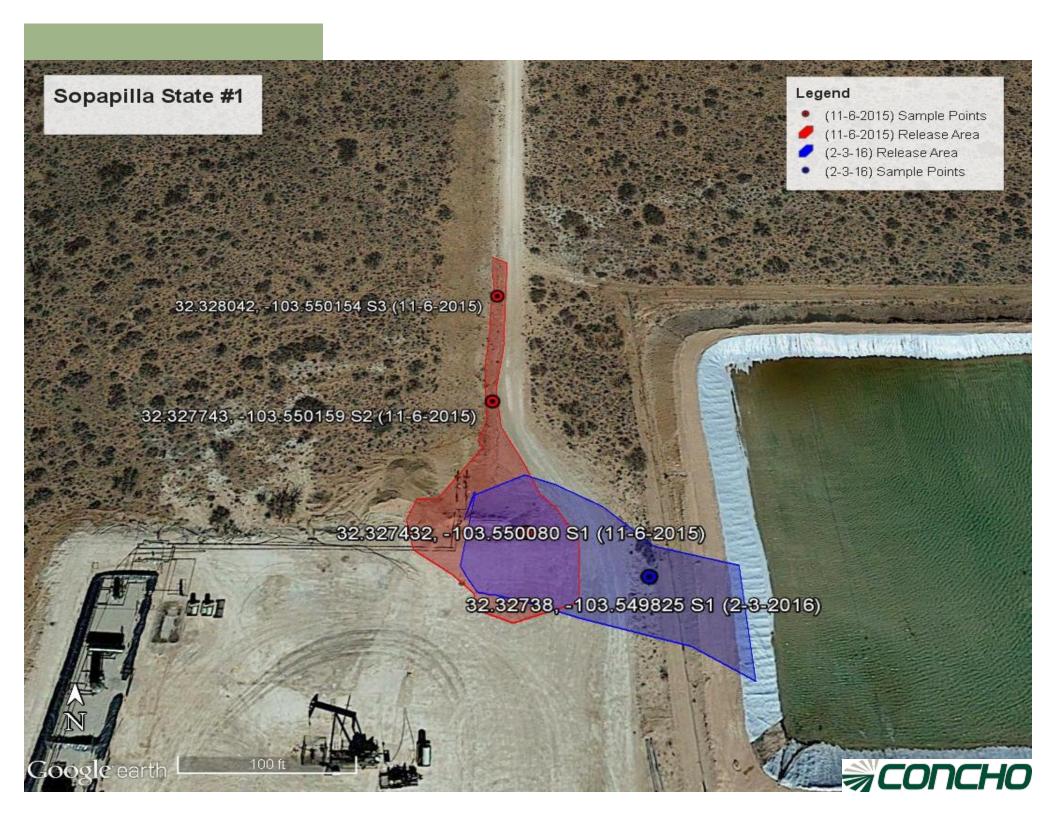


### **REMEDIATION PLAN**

COG will excavate the spill area as depicted on the following site diagram. The spill areas around S1 and S2 from the 11-6-15 spill will be excavated to a depth of 6 inches to 1 foot. The area around S3 for the 11-6-15 spill will be excavated to a depth of 1.5 feet. The area around S1 for the 2-3-16 spill will be surface scraped.

A confirmation sample will be taken in the center of the overlapping area of the two spills. The entire site will be backfilled with clean soil.

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

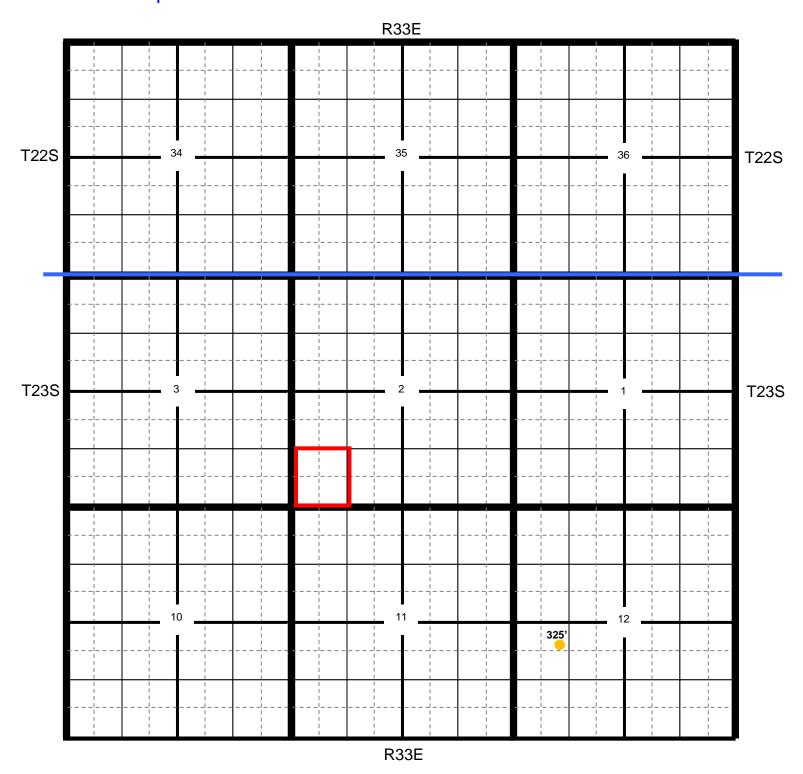




### **Groundwater Plot**

### Concho Sopapilla State #1H Battery

Trend Map 375'

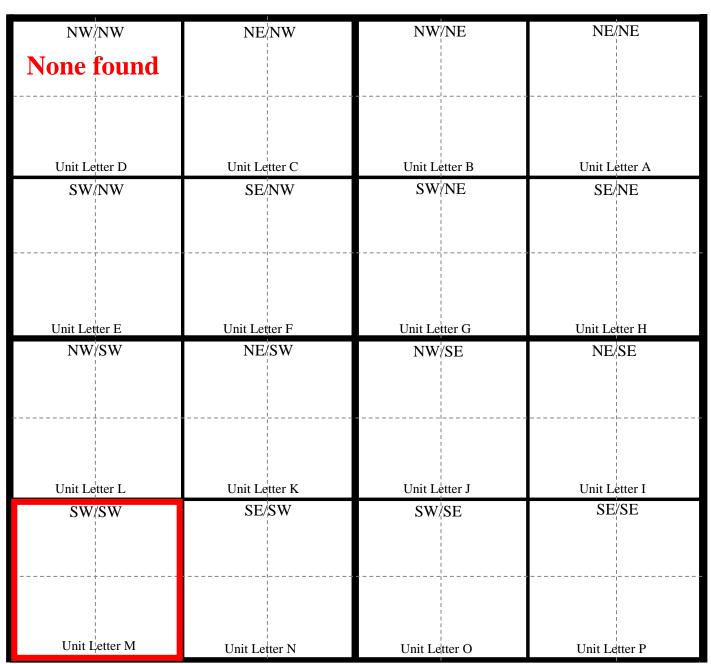


### Concho Sopapilla State #1H Battery

CountyUnit LetterSectionTownshipRangeLeaM223S33E

Trend Map 375'

1



3

### Laboratory Analytical Results Summary Sopapilla State 1H Battery - 11-6-15

		Sample	S1 @ Surface	SP1 @ 1'	S1 @ 2'	S1 @ 3'
Analyte	Method	Date	1/18/16	1/18/16	1/18/16	1/18/16
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		7.32	< 0.050	< 0.050	< 0.050
Toluene	BTEX 8021B		57.1	< 0.050	< 0.050	< 0.050
Ethylbenzene	BTEX 8021B		21.7	< 0.050	< 0.050	< 0.050
Total Xylenes	BTEX 8021B		81.9	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		168	< 0.300	< 0.300	< 0.300
GRO	TPH 8015M		4450	<10.0	<10.0	<10.0
DRO	TPH 8015M		9440	<10.0	<10.0	<10.0

		Sample	S2 @ Surface	SP2 @ 1'	S2 @ 2'	S2 @ 3'
Analyte	Method	Date	1/18/16	1/18/16	1/18/16	1/18/16
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050
Toluene	BTEX 8021B		0.094	< 0.050	< 0.050	< 0.050
Ethylbenzene	BTEX 8021B		0.183	<0.050	< 0.050	< 0.050
Total Xylenes	BTEX 8021B		0.878	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		1.15	< 0.300	< 0.300	< 0.300
GRO	TPH 8015M		131	<10.0	<10.0	<10.0
DRO	TPH 8015M		1340	<10.0	<10.0	<10.0

	Sample	S3 @ Surface	SP3 @ 1'	S3 @ 2'	S3 @ 3'
Method	Date	1/18/16	1/18/16	1/18/16	1/18/16
		mg/Kg	mg/Kg	mg/Kg	mg/Kg
BTEX 8021B		<1.00	3.17	< 0.050	<0.050
BTEX 8021B		11.9	38	< 0.050	0.173
BTEX 8021B		10.5	16.1	< 0.050	< 0.050
BTEX 8021B		40.8	59.4	<0.150	<0.150
BTEX 8021B		63.2	117	< 0.300	< 0.300
TPH 8015M		2020	3810	<10.0	<10.0
TPH 8015M		5210	7760	<10.0	<10.0
	BTEX 8021B BTEX 8021B BTEX 8021B BTEX 8021B BTEX 8021B	Method Date  BTEX 8021B	Method   Date   1/18/16   mg/Kg   mg/Kg   <1.00	Method         Date         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/18/16         1/	Method         Date         1/18/16         1/18/16         1/18/16           BTEX 8021B         <1.00         3.17         <0.050           BTEX 8021B         11.9         38         <0.050           BTEX 8021B         10.5         16.1         <0.050           BTEX 8021B         40.8         59.4         <0.150           BTEX 8021B         63.2         117         <0.300           CPH 8015M         2020         3810         <10.0

### Laboratory Analytical Results Summary Sopapilla State 1H Battery

		Sample	S1 @ Surface	SP1 @ 1'
Analyte	Method	Date	2/5/16	2/5/16
			mg/Kg	mg/Kg
Benzene	BTEX 8021B		< 0.050	< 0.050
Toluene	BTEX 8021B		< 0.050	< 0.050
Ethylbenzene	BTEX 8021B		< 0.050	< 0.050
<b>Total Xylenes</b>	BTEX 8021B		<0.150	<0.150
Total BTEX	BTEX 8021B		< 0.300	< 0.300
Chloride	SM4500CI-B		464	576
GRO	TPH 8015M		<10.0	<10.0
DRO	TPH 8015M		353	<10.0



January 25, 2016

**DAKOTA NEEL** 

COG OPERATING

P. O. BOX 1630

ARTESIA, NM 88210

RE: SOPAPILLA ST #1 H BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 01/20/16 14:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-15-7. 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 <a href="https://www.tceq.texas.gov/field/qa/lab">www.tceq.texas.gov/field/qa/lab</a> accred certif.html.

Cardinal Laboratories is accreditated 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.

Celeg D. Keene

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



COG OPERATING DAKOTA NEEL P. O. BOX 1630 ARTESIA NM, 88210 Fax To: NONE

Received:

01/20/2016

Reported:

01/25/2016

Project Name: Project Number: SOPAPILLA ST #1 H BATTERY

Project Location:

NONE GIVEN

NOT GIVEN

Sampling Date:

Sampling Type:

Soil

Sampling Condition: Sample Received By:

Cool & Intact Jodi Henson

01/18/2016

Sample ID: S1 - SURFACE (H600133-01)

BTEX 8021B

Analyzed Ry: MS

BIEX 6021B	mg	/ Kg	Analyze	a By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	7.32	2.00	01/22/2016	ND	1.71	85.6	2.00	6.03	
Toluene*	57.1	2.00	01/22/2016	ND	1.83	91.6	2.00	5.89	
Ethylbenzene*	21.7	2.00	01/22/2016	ND	1.70	85.2	2.00	5.40	
Total Xylenes*	81.9	6.00	01/22/2016	ND	5.26	87.7	6.00	5.81	
Total BTEX	168	12.0	01/22/2016	ND					

Surrogate: 4-Bromofluorobenzene (PIL

102 %

73.6-140

TPH 8015M	mg	mg/kg Analyzed By: MS					S-06		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	4450	50.0	01/21/2016	ND	186	92.9	200	7.25	
DRO >C10-C28	9440	50.0	01/21/2016	ND	189	94.3	200	4.86	

Surrogate: 1-Chlorooctane

179 %

35-147

Surrogate: 1-Chlorooctadecane

177%

28-171

Cardinal Laboratories

\*=Accredited Analyte

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COG OPERATING DAKOTA NEEL P. O. BOX 1630 ARTESIA NM, 88210 Fax To: NONE

Received:

01/20/2016

Reported: Project Name: 01/25/2016

SOPAPILLA ST #1 H BATTERY

Project Number: Project Location:

NONE GIVEN

85.1%

84.6%

35-147

28-171

Sampling Date:

01/18/2016

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By: Jodi Henson

Sample ID: S1 - 1' (H600133-02)

BTEX 8021B	mg/	kg	Anaiyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2016	ND	1.71	85.6	2.00	6.03	
Toluene*	<0.050	0.050	01/22/2016	ND	1.83	91.6	2.00	5.89	
Ethylbenzene*	<0.050	0.050	01/22/2016	ND	1.70	85.2	2.00	5.40	
Total Xylenes*	<0.150	0.150	01/22/2016	ND	5.26	87.7	6.00	5.81	
Total BTEX	<0.300	0.300	01/22/2016	ND					
Surrogate: 4-Bromofluorobenzene (PIL	102 9	% 73.6-14	0						
TPH 8015M	mg/	kg	Analyze	d By: MS			·		·
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/21/2016	ND	186	92.9	200	7.25	
DRO >C10-C28	<10.0	10.0	01/21/2016	ND	189	94.3	200	4.86	

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Surrogate: 1-Chlorooctane

Surrogate: 1-Chlorooctadecane

\*=Accredited Analyte

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Celeg to Keene -



COG OPERATING DAKOTA NEEL P. O. BOX 1630 ARTESIA NM, 88210 NONE Fax To:

Received:

01/20/2016

Reported:

01/25/2016

Project Name:

SOPAPILLA ST #1 H BATTERY

Project Number: Project Location: NONE GIVEN

NOT GIVEN

Sampling Date:

Sampling Type:

Sampling Condition:

Soil

Cool & Intact

Sample Received By:

Jodi Henson

01/18/2016

Sample ID: S1 - 2' (H600133-03)

BTEX 8021B	mg/	'kg	Analyze	ed By: MS					7,
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2016	ND	1.71	85.6	2.00	6.03	
Toluene*	<0.050	0.050	01/22/2016	ND	1.83	91.6	2.00	5.89	
Ethylbenzene*	<0.050	0.050	01/22/2016	ND	1.70	85.2	2.00	5.40	
Total Xylenes*	<0.150	0.150	01/22/2016	ND	5.26	87.7	6.00	5.81	
Total BTEX	<0.300	0.300	01/22/2016	ND			2		
Surrogate: 4-Bromofluorobenzene (PIL	102 9	% 73.6-14	0						
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/21/2016	ND	186	92.9	200	7.25	
DRO >C10-C28	<10.0	10.0	01/21/2016	ND	189	94.3	200	4.86	
Surrogate: 1-Chlorooctane	74.7 9	% 35-147							
Surrogate: 1-Chlorooctadecane	75.6 9	% 28-171							

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COG OPERATING DAKOTA NEEL P. O. BOX 1630 ARTESIA NM, 88210 Fax To: NONE

Received:

01/20/2016

Reported:

01/25/2016

Project Name:

SOPAPILLA ST #1 H BATTERY

Project Number:

NONE GIVEN

Project Location:

NOT GIVEN

Sampling Date:

01/18/2016

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Jodi Henson

Sample ID: S1 - 3' (H600133-04)

BTEX 8021B	mg/	/kg	Analyze	ed By: MS		*			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2016	ND	1.71	85.6	2.00	6.03	
Toluene*	<0.050	0.050	01/22/2016	ND	1.83	91.6	2.00	5.89	
Ethylbenzene*	<0.050	0.050	01/22/2016	ND	1.70	85.2	2.00	5.40	
Total Xylenes*	<0.150	0.150	01/22/2016	ND	5.26	87.7	6.00	5.81	
Total BTEX	<0.300	0.300	01/22/2016	ND					
Surrogate: 4-Bromofluorobenzene (PIL	101 9	% 73.6-14	0						
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/21/2016	ND	186	92.9	200	7.25	
DRO >C10-C28	<10.0	10.0	01/21/2016	ND	189	94.3	200	4.86	
Surrogate: 1-Chlorooctane	85.2 9	% 35-147					Ti-		
Surrogate: 1-Chlorooctadecane	83.4 9	% 28-171							

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\*=Accredited Analyte

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COG OPERATING DAKOTA NEEL P. O. BOX 1630 ARTESIA NM, 88210 Fax To: NONE

Received:

01/20/2016

Reported:

BTEX 8021B

01/25/2016

Project Name:

SOPAPILLA ST #1 H BATTERY

Project Number: Project Location: NONE GIVEN

NOT GIVEN

Sampling Date:

01/18/2016

Sampling Type:

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: S2 - SURFACE (H600133-05)

BTEX 8021B	mg/	kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2016	ND	1.71	85.6	2.00	6.03	
Toluene*	0.094	0.050	01/22/2016	ND	1.83	91.6	2.00	5.89	
Ethylbenzene*	0.183	0.050	01/22/2016	ND	1.70	85.2	2.00	5.40	
Total Xylenes*	0.878	0.150	01/22/2016	ND	5.26	87.7	6.00	5.81	
Total BTEX	1.15	0.300	01/22/2016	ND					
Surrogate: 4-Bromofluorobenzene (PIL	120 %	6 73.6-14	0						
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	131	10.0	01/21/2016	ND	186	92.9	200	7.25	

ND

189

94.3

200

4.86

01/21/2016

DRO >C10-C28	1340	10.0
Surrogate: 1-Chlorooctane	103 %	35-147
Surrogate: 1-Chlorooctadecane	93.1 %	28-171

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\*=Accredited Analyte

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COG OPERATING DAKOTA NEEL P. O. BOX 1630 ARTESIA NM, 88210 Fax To: NONE

Received:

01/20/2016

Reported:

01/25/2016

Project Name:

SOPAPILLA ST #1 H BATTERY

Project Number: Project Location: NONE GIVEN

76.9 %

79.1%

35-147

28-171

NOT GIVEN

Sampling Date:

01/18/2016 Soil

Sampling Type:

Sampling Condition: Sample Received By: Cool & Intact Jodi Henson

Sample ID: S2 - 1' (H600133-06)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2016	ND	1.71	85.6	2.00	6.03	
Toluene*	<0.050	0.050	01/22/2016	ND	1.83	91.6	2.00	5.89	
Ethylbenzene*	<0.050	0.050	01/22/2016	ND	1.70	85.2	2.00	5.40	
Total Xylenes*	<0.150	0.150	01/22/2016	ND	5.26	87.7	6.00	5.81	
Total BTEX	<0.300	0.300	01/22/2016	ND					
Surrogate: 4-Bromofluorobenzene (PIL	101 9	% 73.6-14	0						
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/21/2016	ND	186	92.9	200	7.25	
DRO >C10-C28	<10.0	10.0	01/21/2016	ND	189	94.3	200	4.86	

Cardinal Laboratories

Surrogate: 1-Chlorooctane

Surrogate: 1-Chlorooctadecane

\*=Accredited Analyte

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COG OPERATING DAKOTA NEEL P. O. BOX 1630 ARTESIA NM, 88210 Fax To: NONE

Received:

01/20/2016

Reported:

01/25/2016

Project Name:

SOPAPILLA ST #1 H BATTERY

Project Number: Project Location: NONE GIVEN

NOT GIVEN

Sampling Date:

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

01/18/2016

Jodi Henson

Sample ID: S2 - 2' (H600133-07)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/23/2016	ND	1.77	88.7	2.00	3.26	
Toluene*	<0.050	0.050	01/23/2016	ND	1.90	95.2	2.00	2.96	
Ethylbenzene*	<0.050	0.050	01/23/2016	ND	1.76	88.2	2.00	2.90	
Total Xylenes*	<0.150	0.150	01/23/2016	ND	5.40	90.1	6.00	2.38	
Total BTEX	<0.300	0.300	01/23/2016	ND					
Surrogate: 4-Bromofluorobenzene (PIL	102 9	% 73.6-14	0						
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/21/2016	ND	186	92.9	200	7.25	
DRO >C10-C28	<10.0	10.0	01/21/2016	ND	189	94.3	200	4.86	
Surrogate: 1-Chlorooctane	79.5 9	% 35-147				į fe			
Surrogate: 1-Chlorooctadecane	80.0 9	% 28-171							

### Cardinal Laboratories

\*=Accredited Analyte

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Celeg & Keene



COG OPERATING DAKOTA NEEL P. O. BOX 1630 ARTESIA NM, 88210 Fax To: NONE

Received:

01/20/2016

Reported: Project Name: 01/25/2016

SOPAPILLA ST #1 H BATTERY

Project Number: Project Location: NONE GIVEN

NOT GIVEN

Sampling Date:

Sampling Type:

Sampling Condition: Sample Received By: Soil

Cool & Intact

Jodi Henson

01/18/2016

Sample ID: S2 - 3' (H600133-08)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/23/2016	ND	1.77	88.7	2.00	3.26	
Toluene*	<0.050	0.050	01/23/2016	ND	1.90	95.2	2.00	2.96	
Ethylbenzene*	<0.050	0.050	01/23/2016	ND	1.76	88.2	2.00	2.90	
Total Xylenes*	<0.150	0.150	01/23/2016	ND	5.40	90.1	6.00	2.38	
Total BTEX	<0.300	0.300	01/23/2016	ND					
Surrogate: 4-Bromofluorobenzene (PIL	99.8	% 73.6-14	0						
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/21/2016	ND	186	92.9	200	7.25	
DRO >C10-C28	<10.0	10.0	01/21/2016	ND	189	94.3	200	4.86	
Surrogate: 1-Chlorooctane	81.45	% 35-147	t.	<del></del>					
Surrogate: 1-Chlorooctadecane	80.99	% 28-171							

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\*=Accredited Analyte

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Celleg Litreno -



COG OPERATING DAKOTA NEEL P. O. BOX 1630 ARTESIA NM, 88210 NONE Fax To:

Received:

BTEX 8021B

DRO >C10-C28

01/20/2016

Reported: Project Name: 01/25/2016

SOPAPILLA ST #1 H BATTERY

Project Number: Project Location: NONE GIVEN

mg/kg

NOT GIVEN

Sampling Date:

202

ND

101

Sampling Type:

Sampling Condition: Sample Received By: Soil

Cool & Intact

200

1.53

Jodi Henson

01/18/2016

Sample ID: S3 - SURFACE (H600133-09)

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<1.00	1.00	01/23/2016	ND	1.77	88.7	2.00	3.26	
Toluene*	11.9	1.00	01/23/2016	ND	1.90	95.2	2.00	2.96	
Ethylbenzene*	10.5	1.00	01/23/2016	ND	1.76	88.2	2.00	2.90	
Total Xylenes*	40.8	3.00	01/23/2016	ND	5.40	90.1	6.00	2.38	
Total BTEX	63.2	6.00	01/23/2016	ND					
Surrogate: 4-Bromofluorobenzene (PIL	106	% 73.6-14	0						
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	2020	50.0	01/22/2016	ND	199	99.5	200	1.09	

01/22/2016

Analyzed By: MS

Surrogate: 1-Chlorooctane	133 %	35-147
Surrogate: 1-Chlorooctadecane	125 %	28-171

5210

50.0

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COG OPERATING DAKOTA NEEL P. O. BOX 1630 ARTESIA NM, 88210 NONE Fax To:

Received:

01/20/2016

Reported:

01/25/2016

Project Name:

SOPAPILLA ST #1 H BATTERY

Project Number: Project Location: NONE GIVEN

NOT GIVEN

Sampling Date:

Soil

Sampling Type:

Sampling Condition: Sample Received By: Cool & Intact Jodi Henson

01/18/2016

Sample ID: S3 - 1' (H600133-10)

BTEX 8021B	mg/	kg	Analyze	d By: MS	. 3 1				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	3.17	2.00	01/23/2016	ND	1.77	88.7	2.00	3.26	
Toluene*	38.0	2.00	01/23/2016	ND	1.90	95.2	2.00	2.96	
Ethylbenzene*	16.1	2.00	01/23/2016	ND	1.76	88.2	2.00	2.90	
Total Xylenes*	59.4	6.00	01/23/2016	ND	5.40	90.1	6.00	2.38	
Total BTEX	117	12.0	01/23/2016	ND					
Surrogate: 4-Bromofluorobenzene (PIL	104 %	6 73.6-14	0						
TD11 004 FM	Tobacción 🕶	• 16		I.B. 140					

TPH 8015M	mg	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	3810	50.0	01/22/2016	ND	199	99.5	200	1.09	
DRO >C10-C28	7760	50.0	01/22/2016	ND	202	101	200	1.53	

Surrogate: 1-Chlorooctane	161 %	35-147
Surrogate: 1-Chlorooctadecane	157 %	28-171

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COG OPERATING DAKOTA NEEL P. O. BOX 1630 ARTESIA NM, 88210 Fax To: NONE

Received:

01/20/2016

Reported: Project Name: 01/25/2016

Project Number: Project Location: SOPAPILLA ST #1 H BATTERY

NONE GIVEN

NOT GIVEN

Sampling Date:

Sample Received By:

01/18/2016 Soil

Sampling Type: Sampling Condition:

Cool & Intact

Jodi Henson

Sample ID: S3 - 2' (H600133-11)

BTEX 8021B	mg/	kg	Analyze	ed By: MS					200-00-00-00-00-00-00-00-00-00-00-00-00-
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/23/2016	ND	1.77	88.7	2.00	3.26	
Toluene*	<0.050	0.050	01/23/2016	ND	1.90	95.2	2.00	2.96	
Ethylbenzene*	<0.050	0.050	01/23/2016	ND	1.76	88.2	2.00	2.90	
Total Xylenes*	<0.150	0.150	01/23/2016	ND	5.40	90.1	6.00	2.38	
Total BTEX	<0.300	0.300	01/23/2016	ND					
Surrogate: 4-Bromofluorobenzene (PIL	100 %	6 73.6-14	0						
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/22/2016	ND	199	99.5	200	1.09	
DRO >C10-C28	<10.0	10.0	01/22/2016	ND	202	101	200	1.53	
Surrogate: 1-Chlorooctane	69.8 9	% 35-147	8						
Surrogate: 1-Chlorooctadecane	71.8 9	6 28-171							

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COG OPERATING **DAKOTA NEEL** P. O. BOX 1630 ARTESIA NM, 88210 Fax To: NONE

Received:

01/20/2016

Reported:

01/25/2016

Project Name: Project Number: SOPAPILLA ST #1 H BATTERY

NONE GIVEN

Project Location: NOT GIVEN Sampling Date:

01/18/2016

Sampling Type:

Soil Cool & Intact

Sampling Condition: Sample Received By:

Jodi Henson

Sample ID: S3 - 3' (H600133-12)

BTEX 8021B	mg/	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/23/2016	ND	1.77	88.7	2.00	3.26	
Toluene*	0.173	0.050	01/23/2016	ND	1.90	95.2	2.00	2.96	
Ethylbenzene*	<0.050	0.050	01/23/2016	ND	1.76	88.2	2.00	2.90	
Total Xylenes*	<0.150	0.150	01/23/2016	ND	5.40	90.1	6.00	2.38	
Total BTEX	<0.300	0.300	01/23/2016	ND					
Surrogate: 4-Bromofluorobenzene (PIL	101 9	% 73.6-14	0						
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/22/2016	ND	199	99.5	200	1.09	
DRO >C10-C28	<10.0	10.0	01/22/2016	ND	202	101	200	1.53	
Surrogate: 1-Chlorooctane	69.5	% 35-147	,						
Surrogate: 1-Chlorooctadecane	72.1 9	% 28-171							

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### **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.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

\*\* Samples not received at proper temperature of 6°C or below.

\*\*\* Insufficient time to reach temperature.

Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

\*=Accredited Analyte

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Celeg L. Keens -

TUTY

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

Company Name:	COG Operating LLC				BIL	BILL TO					ANALYSIS REQUEST	L
Project Manager:	Dakota Neel			וס	P.O. #:			-				
Address: 2208 V	2208 West Main			0	Company:	COG Operating LLC	ГС					
7	State: NM	Z	Zip	88210 A	Attn:	Robert McNeill						
P	(575) 748-6930 Fax #:			Þ	Address:	600 W Illinois						
Project #:	Project Owner:	ä		0	City:	Midland						
	C+ #4L Dotto			10	State: TX	Zip: 79701			_			
Project Maille.	Project Name: Supapina Statist Carrely									-		
Project Location:				- 11	Phone #: (432) 221-0388	1) 221-0388						
Sampler Name:	Dakota Neel			-	Fax #:							
FOR LAB USE ONLY			_	MATRIX	PRESERV.	SAMPLING						
			THE REAL PROPERTY.				4 (4		-			
Lab I.D.	Sample I.D.	G)RAB OR (	# CONTAINE	WASTEWAT SOIL OIL SLUDGE	OTHER : ACID/BASE: ICE / COOL OTHER :	DATE T	TIME	BTEX	ТРН	Chloride		
_(	S1- Surface				×	1/18/16 8:0	8:00 AM	×	×			
N.	S1-1				×	1/18/16 8:0	8:00 AM	×	×			
w	S1-2'				×	1/18/16 8:0	8:00 AM	×	×			
도(	\$1-3'				×	1/18/16 8:0	8:00 AM	×	×			
					×	1/18/16 8:0	8:00 AM	×	×			
					- 12							
						9						
		_										
PLEASE NOTE: Liability and	PLEASE NOTE: Lability and Damages. Cardinal's lability and client's exclusive remedy for any claim arrang whether based in contract or ton, shall be limited to the amount pad by the client for the other please.	or any claim	n arrsing	whether based in contract of	tort, shall be limited	whether based in contract or tort, shall be limited to the amount paid by the client for the	he client for the	he applicab	3			

Delivered By: (Circle One)
Sampler - UPS - Bus - Other:

Sample Condition
Cool Intact
Yes Yes
No No

CHECKED BY: (Initials) service in no event shall Cardinal be liable for affiliates or successors arising out of or related Relinquished By:

Relinquished By:

Date:

Britan Received By: Received By:

Phone Result: Yes Fax Result:

No o

Add'l Phone #: Add'l Fax #:



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

Namo	COG Operating 110		BILL TO		ANALYSIS REQUEST
Company Name.	coo Operating LEC				
Project Manager:	Dakota Neel				
Address: 2208	2208 West Main		Company: COG Operating LLC	ng LLC	+
City: Artesia	State: NM	<b>Zip</b> 88210	Attn: Robert McNeill	100	
Phone #:	(575) 748-6930 Fax #:		Address: 600 W Illinois	ois	
Project #:	Project Owner:		City: Midland		
Project Name: S	Sopapilla St #1H Battery		State: TX Zip: 79701		
Project Location:		2 21	Phone #: (432) 221-0388		
Sampler Name:	Dakota Neel		1		
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING	G 	
Lab I.D.	Sample I.D.	G)RAB OR (C)OMP. CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER:  ACID/BASE:  ICE / COOL  OTHER:  DATE	BTEX TPH	Chloride
nen	S2- Surface S2-1'		× 1/18/16 × 1/18/16 × 1/18/16	8:00 AM × × × ×	
SD -	S2-3'		× 1/18/16	8:00 AM × ×	
			× 1/18/16	8:00 AM × ×	
PLEASE NOTE: Liability and analyses. All claims includin service in no event shall Ca	1 문 을 크	any claim arising whether based in contract e any claim arising whether based in contract e deemed waived unless made in writing ar- ing without limitation, business interruptions, or without incoardiness of whether such claim	r claim arising whether based in contract or fort, shall be invited to the amount paul semed waived unless made in writing and received by Cardinal within 50 days after without limitation, business retemptions, loss of use, or loss of profits incurred by of any whether with ordern to be about 100 and of the above stated by of the contribution whether with claims is based upon any of the above stated by of the contribution.	by the citeral for the completion of the applicable iteral, its subsidiaries, isons or otherwise.	1 1
Relinquished By:	Blinquished By:  Date:  Date:  Time:  2: \ldots  Date:		Feller	0) = 0 = = =	s
Delivered By: (Circle One)	(Circle One)	Sample Condition	ition CHECKED BY:		
Sampler - UPS - Bus - Other:	17853	A 36 Hyes Hyes	3		
> Digase fax written	Please fax written changes to 575-393-2476	ます			

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland Hobbs NM 88240	obbs NM 88240			
(575) 393-2326 FAX (575) 393-2476	XX (575) 393-2476			ANALYSIS REOLIEST
Company Name: COG Operating LLC		BILL TO		ANAL OIG REGOLG:
Project Manager: Dakota Neel		P.O. #:		
Address: 2208 West Main		Company: COG Operating LLC	<u></u> Б	
City: Artesia	<b>State: NM Zip</b> 88210	Attn: Robert McNeill		
Phone #: (575) 748-6930	Fax #:	Address: 600 W Illinois		
Project #:	Project Owner:	City: Midland		-
Project Name: Sopapilla St #1H Battery	ry .	State: TX Zip: 79701		
Project Location:		Phone #: (432) 221-0388		
Sampler Name: Dakota Neel		Fax #:		
1	MATRIX	PRESERV. SAMPLING		
FOR LAB USE ONLY		-		
Lab I.D. Sample I.D	RAB OR (C)OMF ONTAINERS OUNDWATER STEWATER IL		TEX PH nloride	
	(G# G W Si O	A 10 0	×	
S3- Suilace			×	
	9	1/18/16	8:00 AM × ×	
\$3-4; I	0.0	× 1/18/16 8:0	8:00 AM × ×	
		× 1/18/16 8:0	8:00 AM × ×	
		and shall be imited to the amount part by the client for the	e chept for the	
analyses. All claims including those for negligence and any oth service. In no event shall Cardinal be liable for incidental or con	200	and received by Cardinal within 30 days after comp s, loss of use, or loss of profits incurred by client, it in is based upon any of the above stated reasons.	s subsidianes or otherwise	
Relinquished By:	Date Received By:		Phone Result: Yes	No Add'l Fax #:
Relinquished By:	Time: Date: Received By:	A talled down	dneel2(@concho.com lcarrasco(@concho.com atruiillo(@concho.com	
	Time:			
Delivered By: (Circle One)	Sample Condition Cook Intact	ition CHECKED BY: (Initials)		
Sampler - UPS - Bus - Other:		Yes Ok		1
s. Please fax written changes to 575-393-2476	-393-2476	世		



February 23, 2016

DAKOTA NEEL

COG OPERATING

P. O. BOX 1630

ARTESIA, NM 88210

RE: SOPAPILLA ST #1 H BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 02/17/16 10:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-15-7. 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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

Cardinal Laboratories is accreditated 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.

Celey D. Keine

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



COG OPERATING DAKOTA NEEL P. O. BOX 1630 ARTESIA NM, 88210 Fax To: NONE

Received:

02/17/2016

Reported: Project Name: 02/23/2016

SOPAPILLA ST #1 H BATTERY

Project Number:

NONE GIVEN

108 %

28-171

Project Location:

NOT GIVEN

Sampling Date:

Sampling Type:

Sample Received By:

Sampling Condition:

Soil

Cool & Intact

02/05/2016

Jodi Henson

Sample ID: S1-SURFACE (H600368-01)

BTEX 8021B	mg/kg		Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie	
Benzene*	<0.050	0.050	02/19/2016	ND	2.04	102	2.00	0.658		
Toluene*	< 0.050	0.050	02/19/2016	ND	2.01	101	2.00	0.555		
Ethylbenzene*	< 0.050	0.050	02/19/2016	ND	1.82	91.1	2.00	0.118		
Total Xylenes*	< 0.150	0.150	02/19/2016	ND	5.64	94.0	6.00	0.224		
Total BTEX	<0.300	0.300	02/19/2016	ND						
Surrogate: 4-Bromofluorobenzene (PIL	107 %	6 73.6-14	0							
Chloride, SM4500CI-B	mg/kg		Analyzed By: AP							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie	
Chloride	<b>464</b> 16.0		02/19/2016	ND	416	104	400	3.92		
TPH 8015M	mg/kg		Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie	
GRO C6-C10	<10.0	10.0	02/19/2016	ND	198	99.1	200	5.85		
DRO >C10-C28	353	10.0	02/19/2016	ND	216	108	200	12.2		
Surrogate: 1-Chlorooctane	96.89	6 35-147								

Cardinal Laboratories

Surrogate: 1-Chlorooctadecane

\*=Accredited Analyte

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Celeg Litiens -



COG OPERATING DAKOTA NEEL P. O. BOX 1630 ARTESIA NM, 88210 Fax To: NONE

Received:

02/17/2016

Reported: Project Name: 02/23/2016

Project Number: Project Location: NONE GIVEN

SOPAPILLA ST #1 H BATTERY

NOT GIVEN

Sampling Date: Sampling Type:

02/05/2016

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: S1-1' (H600368-02)

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	02/19/2016	ND	2.04	102	2.00	0.658	
Toluene*	<0.050	0.050	02/19/2016	ND	2.01	101	2.00	0.555	
Ethylbenzene*	<0.050	0.050	02/19/2016	ND	1.82	91.1	2.00	0.118	
Total Xylenes*	<0.150	0.150	02/19/2016	ND	5.64	94.0	6.00	0.224	
Total BTEX	<0.300	0.300	02/19/2016	ND					
Surrogate: 4-Bromofluorobenzene (PIL	109 %	% 73.6-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	02/19/2016	ND	416	104	400	3.92	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	02/19/2016	ND	198	99.1	200	5.85	
DRO >C10-C28	<10.0	10.0	02/19/2016	ND	216	108	200	12.2	
Surrogate: 1-Chlorooctane	106 %	6 35-147			Á				
Surrogate: 1-Chlorooctadecane	117%	6 28-171							

### Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such daim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories,



### **Notes and Definitions**

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

\*\* Samples not received at proper temperature of 6°C or below.

\*\*\* Insufficient time to reach temperature.

Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

\*=Accredited Analyte

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Celego Freene



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

(575) 393-2326 FAX (575) 393-2476	6	
Company Name: COG Operating LLC	BILL TO	ANALYSIS REQUEST
••	P.O. #:	
Address: 2208 West Main	Company: COG Operating LLC	
City: Artesia State: NM	Zip 88210 Attn: Robert McNeill	
Phone #: (575) 748-6930 Fax #:	Address: 600 W Illinois	
Project #: Project Owner:	City: Midland	
Project Name: Sopapilla State 1H Battery	State: ⊤X Zip: 79701	
Project Location:	Phone #: (432) 221-0388	
Sampler Name: Dakota Neel	Fax #:	
FOR LAB USE ONLY	MATRIX PRESERV. SAMPLING	
Lab I.D. Sample I.D.	TIME	
S1-Surface	X 2/5/16 10:00 AM	T
2 51-1'	X 2/5/16 10:00 AM X	× III×
angen and me		
PLEASE NOTE: Lability and Damages. Cardinal's liability and client's exclusive remedy for	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or ford, shall be limited to the amount paid by the client for the	

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476 Sample Condition
Cool Intact
Lives Lives
I No I No

CHECKED B

atrujillo@concho.com

Relinquished By: DAKOTA NEEL

Relinquished By:

S

1035 Date:

Received By:

Date:

Received By

Phone Result:
Fax Result:
REMARKS:

☐ Yes☐ Yes

Add'l Phone #: Add'l Fax #:

dneel2@concho.com

lcarrasco@concho.com

2/17/2016

Time:

Sampletin NA Bous - Other: Delivered By: (Circle One)

Page 5 of 5

/2015District 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

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

Attached

Form C-141

Revised August 8, 2011

Oil Conservation Division 1220 South St. Francis Dr.

1220 B. Bt. Flai	icis Di., Banta Pe, Nivi 6/30		Sa	anta Fe	e, NM 875	05						
		Rele	ease Notific	cation	and Co	rrective A	ction				·————	
					<b>OPERA</b>	ГOR		Initia	ıl Report		Final Report	
Name of Co	ompany: COG Operat	ing LLC			Contact: Ro	bert McNeill						
	00 West Illinois Avenu		d TX 79701		Telephone l	No. 432 <b>-</b> 230-00	77		· · · · · · · · · · · · · · · · · · ·			
Facility Na	me: SOPAPILLA STA	ATE #0011	H		Facility Typ	e: Battery	· · · · · · · · · · · · · · · · · · ·					
Surface Ow	vner: State		Mineral (	Owner:				API No	. 30-025-4	0733		
		- 70.0			V OF DEI	TO A CITY						
Unit Letter	Section Township	Range	Feet from the		N OF REI	Feet from the	East/West Line   County					
M         2         23S         33E         190'         South         380         West         Lea									•			
			Latitude 32.3	3270264	Longitude	-103.5504532						
					-							
Type of Rele	35A.		NA I	UKL	OF RELI Volume of			Volume R	anni aradı			
Oil	430.				11 bbls	Release.		5 bbls	ecovereu.			
Source of Re	lease:		Date and Hour of Occurrence:			Date and l	Hour of Dis	cover	y:			
Dump valve					11/6/2015 10:00 pm 11/6/2015 10:							
Was Immedi	ate Notice Given?	Yes [	No 🛛 Not R	eauired	If YES, To	Whom?						
D W/L0	<u> </u>		, 140 🖂 140t R		T) . 177	,						
By Whom? Was a Water	course Reached?				Date and H	our: lume Impacting t	he Water	COURSA				
masa mater		Yes 🛚	l No		11 1155, VC	nume impacting i	ne water	Course.				
If a Watercon	irse was Impacted, Desc	ribe Fully *			1							
	and was implicated, 1900.											
Describe Cau	ise of Problem and Reme	edial Action	ı Taken *									
	was caused by an oil du			roperly o	causing the oi	I to be sent to the	flare. A	vacuum tri	uck was dis	patch	ed to recover	
the standing t					_				•			
Describe Are	a Affected and Cleanup	Action Tak	en.*	•••								
	^											
	mpacted the pasture near							le contami	nation from	the r	elease and we	
will present a	remediation work plan t	to the NMC	OCD for approval	prior to	any significa	nt remediation wo	ork.					
I hereby certi	fy that the information g	iven above	is true and comp	lete to th	e best of my	knowledge and ur	nderstand	l that pursu	ant to NM	OCD	rules and	
regulations al	I operators are required t	to report an	d/or file certain r	elease no	tifications ar	d perform correct	tive actio	ns for rele	ases which	may (	endanger	
public health	or the environment. The	acceptanc	e of a C-141 repo	ort by the	NMOCD ma	rked as "Final Re	eport" do	es not relie	eve the oper	ator o	of liability	
or the environ	operations have failed to nment. In addition, NMO	adequately	investigate and re	emediate	contamination	on that pose a thre	eat to grou	und water,	surface wa	ter, h	uman health	
federal, state,	or local laws and/or reg	ulations.	iance of a C-141	report ac	es not reneve	t me operator of r	esponsio.	inty for co	ифиансе м	un ar	ly other	
						OIL CONS	SERVA	ATION	DIVISIO	N		
n:	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	عزد	la.			0200 0011	,,,,,,					
Signature:		<u> </u>			. 1							
Printed Name	: Amanda Trujillo Davi	s		I A	Approved by	Environmental Sp	ecialist:					
											'	
Title: Senior	Environmental Coordina	tor		A	Approval Date	2:	Ex	xpiration D	Date:	<del></del>		
E-mail Addre	ss: atrujillo@concho.cor	<u>n</u>			Conditions of	Approval:			Attached			

Phone: 575-748-6940

Date: November 13, 2015

<sup>\*</sup> Attach Additional Sheets If Necessary

/2015District 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
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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

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

Form C-141

Revised August 8, 2011

### **Release Notification and Corrective Action**

						OPERA 7		l Report		Final Repor		
		COG Operati				Contact: Robert McNeill						
		inois Avenue		ΓX 79701			No. 432-230-00	)77				
Facility Na	ne: SOPA	PILLA STA	TE #001H			Facility Typ	e: Battery					
Surface Ow	ner: State			Mineral O	wner	:			API No	. 30-025-4	0733	
				LOCA	TIC	N OF REI	LEASE			·		
Unit Letter	Section	Township	Range	Feet from the		th/South Line	Feet from the	East/V	Vest Line		Count	ty
M	2	23S	33E	190'		South	380	V	Vest		Lea	
			]	Latitude 32.32	2702	64 Longitude	-103.5504532					
	•			NATI	URI	E OF RELI	EASE					
Type of Rele	ase:					Volume of 20 bbls	Release:		Volume Recovered: 19 bbls			
Source of Re						Date and H	our of Occurrence	ce:	Date and I	d Hour of Discovery:		
Closed Valve		7' 0				2/3/2016 7:			2/3/2016	7:00 pm		
Was Immedia	ate Notice (		Yes 🗌 N	No 🛛 Not Rec	quire	If YES, To	Whom?					
By Whom?						Date and H						
Was a Water	course Read		- T			If YES, Vo	lume Impacting	the Wate	rcourse.			
			Yes 🖾 N	NO								
If a Watercou	ırse was Im	pacted, Descri	ibe Fully.*									
Describe Cause of Problem and Remedia! Action Taken.*  E pilots and inlet valves were being serviced. During the process the supply gas to heater was closed and was never reopened. As heater loss pressure fluid.												
E pilots and inlet valves were being serviced. During the process the supply gas to heater was closed and was never reopened. As heater loss pressure fluid eventually went over the top and out the flare. A vacuum truck was dispatched to recover standing fluid.												
Cychiadhy W	oni over the	top und out a	io marc, ir va	oddin track was	arsb.	dicined to recov	er standing nura.	•				
Describe Are	a Affortad	and Classian A	ation Takan	*			•					
Describe Are	a Affected	and Cleanup A	totion raken	• *								
							ne pasture nearby					
delineate any remediation v		ntamination fi	rom the relea	se and we will p	resei	nt a remediation	work plan to the	e NMOC	D for appro	oval prior to	any si	gnificant
remediation v	VOIK,											
							knowledge and u					
regulations al	I operators	are required to	o report and/o	or file certain rel	ease	notifications an	d perform correc	ctive action	ons for rele	ases which	may en	danger
							rked as "Final R on that pose a thr					
							the operator of					
federal, state,					•				1		······································	
						OIL CONSERVATION DIVISION						
	ر برسد	at the	-}-									
Signature:	12-		/			Approved by Environmental Specialist:						
D 1 4 137	D 1 . ~	11				,	•	-			1	
Printed Name	: Robert G	rubbs						1				
Title: Senior	Environme	ıtal Coordinat	or			Approval Date	e:	E	Expiration I	Pate:		
E-mail Addre	ss: rgrubbs	aconcho.com	ı			Conditions of	Approval:			_		
										Attached	Ш	
Date: Februa  * Attach Addit				32-230-0077								
- Auach Addit	ionai Shee	is ii necessa	ar V									