



July 11, 2016

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

Re: Cali Roll 24 Federal Com #2H

30-015-39388 Sec. 24, T26S-R25E Eddy County, NM

Mr. Bratcher/Ms. Tucker,

COG Operating LLC would like to submit the enclosed documents for closure of the above captioned well. The plan is in response to the C-141 Initial report dated April 17, 2016.

This release occurred at the load out line when a truck started to unload, oil was pushed out of the clean out valve, and overflowed the environmental pot at the load line. The pad was scraped and impacted material was disposed of at an NMOCD approved facility. The area of impact was sampled on June 16, 2016. All concentrations are within NMOCD RRALs.

COG would like to request closure of this incident at this time. A signed C-141 Final is enclosed for your consideration. Please feel free to contact me with any questions or concerns at (575) 748-6933.

Sincerely,

Amanda Trujillo Davis

Senior Environmental Coordinator

Enclosure(s):

- Laboratory Anlaysis
- C-141 Final



June 28, 2016

LUPE CARRASCO

COG OPERATING

P. O. BOX 1630

ARTESIA, NM 88210

RE: CALI ROLL

Enclosed are the results of analyses for samples received by the laboratory on 06/22/16 10:45.

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 www.tceq.texas.gov/field/ga/lab 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



Analytical Results For:

COG OPERATING LUPE CARRASCO P. O. BOX 1630 ARTESIA NM, 88210 Fax To: NONE

Received:

06/22/2016

06/28/2016

Reported: Project Name: Project Number:

Project Location:

CALI ROLL NONE GIVEN NOT GIVEN Sampling Date:

ng Date: 06/16/2016

Sampling Type:

Soil

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

Sample ID: S1 - SURFACE (H601369-01)

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	06/27/2016	ND	1.95	97.3	2.00	0.960	
Toluene*	<0.050	0.050	06/27/2016	ND	1.83	91.6	2.00	1.23	
Ethylbenzene*	<0.050	0.050	06/27/2016	ND	1.73	86.5	2.00	1.29	
Total Xylenes*	<0.150	0.150	06/27/2016	ND	5.32	88.7	6.00	1.25	
Total BTEX	<0.300	0.300	06/27/2016	ND					
Surrogate: 4-Bromofluorobenzene (PIL	96.4 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	11.9	10.0	06/23/2016	ND	189	94.5	200	7.04	
DRO >C10-C28	159	10.0	06/23/2016	ND	185	92.4	200	8.20	
Surrogate: 1-Chlorooctane	86.3 %	6 35-147	,						
Surrogate: 1-Chlorooctadecane	93.69	6 28-171	ı						

Cardinal Laboratories

*=Accredited Analyte

PLEASE MOTE: Liability and Damages. Cardinal's liability and clerit's exclusive remoty for any claim ansing, whether based in contract or tork, shall be limited to the amount goad by cherk for analyses. All claims, including those for negligence and any other cause whatsoever shall be ideemed warved 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 clerit, its subsidiaries, affiliates or successors ansing out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is besed upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproducted except in full with written approved of Cardinal Laboratories.

Clay & Kune

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

COG OPERATING LUPE CARRASCO P. O. BOX 1630 ARTESIA NM, 88210 Fax To: NONE

Received:

06/22/2016

Sampling Date:

06/16/2016

Reported:

06/28/2016

Sampling Type:

Soil

Project Name:

CALI ROLL

Sampling Condition:

Cool & Intact

Project Number: Project Location: NONE GIVEN

Sample Received By:

Jodi Henson

Sample ID: S1 - 1' (H601369-02)

BTEX 8021B	mg/kg		Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2016	ND	1.95	97.3	2.00	0.960	
Toluene*	<0.050	0.050	06/27/2016	ND	1.83	91.6	2.00	1.23	
Ethylbenzene*	<0.050	0.050	06/27/2016	ND	1.73	86.5	2.00	1.29	
Total Xylenes*	<0.150	0.150	06/27/2016	ND	5.32	88.7	6.00	1.25	
Total BTEX	<0.300	0.300	06/27/2016	ND					
Surrogate: 4-Bromofluorobenzene (PIC	97.9	% 73.6-14	0						
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	06/23/2016	ND	189	94.5	200	7.04	
DRO >C10-C28	<10.0	10.0	06/23/2016	ND	185	92.4	200	8.20	
Surrogate: I-Chlorooctane		% 35-147	,						
Surrogate: 1-Chlorooctadecane	98.4	% 28-171							

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*=Accredited Analyte

PLEASE INCITE: Liability and Damages. Cardinal's Bability and chemits excitative remedy for any claim artsing, whether based in contract or tort, shall be himsed to the amount paid by clent for analyses. All claims, including those for nepligence and any other cause whistoevers shall be deemed waved unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be Bable for incidental or consequential damages, including, without himstoon, birst interruptions, loss of use, or loss of profits incurred by clent, its subsidiaries, affiliations over content of the performance of the services hereunder by Cardinal, regardless of whether such claims is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. The report shall not be reproduced except in full with written approval of Cardinal abovestoones.

Celley & Keene -



Notes and Definitions

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.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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PLEASE MOTE: Liability and Damagers. Cardinal's Bability and chem's exclusive remoty for any claim aroung, whether based in contract or tort, shall be limited to the amount paid by cherk for analyses. All claims, including those for negligence and any offer clause whatsoever shall be deemed warved unless made in writing and recovered by claims, further white the production of the applicable service. In no event shall Cardinal be Bable for incidental or consequential damages, including, wether shall cardinal be Bable for incidental be Bable for incidental by Cardinal Cardinal be Bable for incidental damages, including white the production is consequentially controlled to the performance of the services intervented by Cardinal, repardless of whether such claims 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 vertices approval of Cardinal Laboratories.

Celeny Kenne



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name:	COG Operating LLC		51110		ļ		
Project Manager:			P.O. #:		4	-	ANALYSIS REQUEST
Address: 2208	2208 West Main		ž.	COG Operating LLC			
City: Artesia	State: NM	Zip 88210		Robert McNeill			
Phone #:	(575) 748-6940 Fax #:		is is	600 W Illinois			
Project #:	Project Owner:	er:		Midland	_		
Project Name: (Cali Roll		Ż.	Zip: 79701			
Project Location:	•		43	A TARA			
Sampler Name:	Lupe Carrasco						
	rapo Campaco		Fax #:		_		
FOR LAB USE ONLY			PRESERV. SA	SAMPLING			
Lab I.D. Hedize	Sample I.D.	G)RAB OR (C)OI CONTAINERS GROUNDWATER WASTEWATER SOIL DIL GLUDGE	OTHER: CE/COOL OTHER:	TEX		PH	
1	S1- SURFACE		6	The state of the s	$\stackrel{\sim}{\downarrow}$	+	
<u>ره</u>	S1-1"	×	2/10	140	+		
9		×	6/16/16	116	×	×	
PLEASE NOTE: Linking and E manyon. All claims including service in no event shall Cards affiliate or successors	PLEASE NOTE: Listiny and Dannages. Central's leability and cleant's exclusive runnishy for any clean around enhanced in contends of text, shall be invited to the amount pend by the cleant for the annual relationship the product of the service in the service in the event shall be invited to the annual relation of the applicable assumes in the event shall contend be table for producted derinages, including without invitation, but reserved your cleant and of production of the advantages, including without invitation, but reserved the product and production of the advantages, affiliation or successors arranged of or related to the particular invitation by Cardrell requirement of substitution and services hereafted the particular invitation by Cardrell requirement of substitution and the above stated reasons to office and the particular invitations.	any diana artemy erhadese based in compassi deserted enherd unlesse made as unting and g without lenderican, business interruptions, is Condred, requestesse of erhading such claim.	and it contract to tool, shall be invised to the amount pa- ties a writing and recessed by Cardinal with 30 days allo a thirmlystom, has of use, or bee of profits incurred by their such claim is besed story any of the above story of	il pack by the clears for the sufter contribution of the appli l by clear, to subactions, of treasons or otherways	-		
Relinquished By:	Date: Date:	Received By	Caprera		gcana gcana	Yes I No AddT Yes I No AddT ascoloconcho.com	AddT Phone #: AddT Fax #: ho.com

Sample Condition Cool Intact La Ves La Tes La No I I No

CHECKED BY:

Delivered By: (Circle One)
Sampler - UPS - Bus - Other:
FORM-006 R 2.0

Time:

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 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505

* Attach Additional Sheets If Necessary.

State of New Mexico **Energy Minerals and Natural Resources**

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

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

Form C-141

Revised August 8, 2011

			Rele	ease Notific	ation	and Co	orrective A	ction						
					_	OPERATOR								
Name of Co	mpany: C	OG Operati	ng LLC			Contact: Ro	bert McNeill							
Address: 60	0 West Illi	nois Avenue	, Midlan	d TX 79701	7	Telephone No. 432-230-0077								
Facility Nar	ne: CALI I	ROLL 24 FE	DERAL	COM #002H	I	Facility Typ	e: Battery							
Surface Ow	ner:			Mineral O	wner: F	ederal		API No	. 30-015-39	9388				
					TION	OF REI	LEASE							
Unit Letter A	Section 24	Township 26S	Range 25E	Feet from the 330'		South Line North	Feet from the 430'	East/West Line East		Count				
		200	242				e -104.3420868	Last		Laay	<u></u>			
				NAT	URE (OF RELI	EASE							
Type of Rele	ase:					Volume of		1	Recovered:					
Oil						10 bbls Oil		0 bbls Oil						
Source of Release: Open line Load line						1	lour of Occurrence 4:30 pm		Hour of Disc i 4:30 nm	covery:	•			
Open line Load line 4/17/2016 4:30 pm 4/17/2016 4:30 pm Was Immediate Notice Given? If YES, To Whom?														
			Yes	No 🛛 Not Re	equired									
By Whom?						Date and Hour:								
Was a Watercourse Reached? ☐ Yes ☑ 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 when truck started to unload, oil was pushed out of the clean out valve, and overflowed the spill containment at the load line.														
Describe Area Affected and Cleanup Action Taken.*														
This release occurred at the load out line. 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.														
regulations al public health	l operators a or the envir	are required to onment. The	report an acceptanc	d/or file certain re e of a C-141 repor	elease no rt by the	tifications ar	nd perform correct arked as "Final Re	nderstand that purs tive actions for rele eport" does not reli	ases which eve the oper	may en	idanger liability			
or the enviror	iment. In ac	ldition, NMO	CD accept	investigate and re tance of a C-141 r	mediate report do	es not relieve	on that pose a thre e the operator of i	eat to ground water, responsibility for co	, surface wa ompliance w	ter, hur ⁄ith any	nan health other			
federal, state,	or local law	s and/or regu	lations.				_							
Signature:		1	ruc	S			OIL CONS	SERVATION	DIVISIO	<u>N</u>				
Printed Name	: Amanda	Γrujillo Davis			A	Approved by	Environmental Sp	pecialist:						
Title: Senior	Environmen	tal Coordinat	or		A	Approval Date	e:	Expiration [Date:					
E-mail Addre						Conditions of		, ,	Attached					
Date: July 1	1. 2016		Phone:	575-748-6930						_				