

REMEDIATION WORK PLAN

Property:

Concho Operating, LLC.
Azores Federal #002H
Lea County, New Mexico
Unit Letter "O", Section 29, Township 24 South, Range 32 East
Latitude 32.1816673, Longitude -103.6935196
1RP-4149

April 2017

Prepared for:

Concho Operating, LLC. 600 West Illinois Avenue Midland, TX 79701 Attn: Mrs. Rebecca Haskell

Prepared by:

Thomas Franklin Environmental Manager Jack Zimmerman, P.G., C.P.G Senior Geologist

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WORK PLAN

Concho Operating, LLC.
Azores Federal #002H
Lea County, New Mexico
Unit Letter "O", Section 29, Township 24 South, Range 32 East
Latitude 32.1816673, Longitude -103.6935196
1RP-4149

April 2017

1.0 INTRODUCTION

1.1 Site Description & Background

American Safety Services Inc. (ASSI) has prepared this Work Plan for the Concho Operating, LLC. (COG) Azores Federal #002H (referred to hereinafter as the "Site" or "subject Site"). This Work Plan is based upon the interpretation of the data collected by ASSI.

The Azores Federal #002H is located in Unit Letter 0, Section 29, Township 24 South, Range 32 East, Lea County, New Mexico (GPS 32.1816673, -103.6935196).

Remedial actions were conducted by ASSI in accordance with New Mexico Energy, Minerals, and Natural Resources Department (EMNRD), Oil Conservation Division (NMOCD) rules (NMAC 19.15.29 Release Notification) and the NMOCD Guidelines for Remediation of Leaks, Spills and Releases as guidance.

1.2 Project Objective

The objective of the Work Plan is to present documentation of the activities that were performed to date and to request an effective means to remediate the Site.

1.3 Standard of Care

ASSI's services are performed in accordance with standards provided by a firm rendering the same or similar services in the area during the same time period. ASSI makes no warranties, express or implied, as to the services performed hereunder. Additionally, ASSI does not warranty the work of third parties supplying information used in the report (e.g. laboratories, regulatory agencies, or other third parties). This scope of services will be performed in accordance with the scope of work agreed with the client.

1.4 Reliance

This report has been prepared for the exclusive use of COG, and any authorization for use or reliance by any other party (except a governmental entity having jurisdiction over the Site) is prohibited without the express written authorization of COG and ASSI. Any unauthorized distribution or reuse is at the sole risk of COG. Notwithstanding the foregoing, reliance by authorized parties will be subject to the terms, conditions and limitations stated in the proposal, the report, and ASSI's Agreement. The limitation of liability defined in the agreement is the aggregate limit of ASSI's liability to the client.

2.0 SITE RANKING & PROPOSED REMEDIAL ACTION GOALS

The Site is subject to regulatory oversight by the NMOCD. To address activities related to releases, the NMOCD utilizes the *Guidelines for Remediation of Leaks, Spills and Releases* as guidance, in addition to the NMOCD rules, specifically NMAC 19.15.29 *Release Notification*. These documents establish investigation and abatement action requirements for sites subject to reporting and/or corrective action.

In accordance with the NMOCD's *Guidelines for Remediation of Leaks, Spills and Releases*, ASSI utilized the general site characteristics to determine the appropriate "ranking" for the Site. The ranking criteria and associated scoring are provided in the table below:

Rankin	g Criteria		Ranking Score				
	<50 feet	20					
Depth to Groundwater	50 to 99 feet	10	0				
	>100 feet	0					
Wellhead Protection Area, <1,000 feet from a water	Yes	20					
source, or; <200 feet from private domestic water source.	No	0	0				
Distance to Surface Water	<200 feet	20					
Body	200 to 1,000 feet	10	0				
Воду	>1,000 feet	0					
Total Rai	nking Score		0				

Based on ASSI's evaluation of the scoring criteria, the Site would have a Total Ranking Score of 0. This ranking is based on the following:

- The depth to the initial groundwater-bearing zone is 275 to 300 feet at the Site.
- The impacted area is greater than 200 feet from a private domestic water source.
- Distance to the nearest surface water body is greater than 1,000 ft.

Based on a Total Ranking Score of 0, cleanup goals for soils remaining in place include: 10 milligrams per kilogram (mg/Kg) for Benzene, 50 mg/Kg for Total Benzene, Toluene,

Ethylbenzene, and Xylene (BTEX), 5,000 mg/Kg for Total Petroleum Hydrocarbons (TPH), and 600 mg/Kg for Chloride. Currently, the NMOCD is considering adjusting limits for Chloride concentration in soil from 250 mg/Kg to 600 mg/Kg. Those limits are not included on the current ranking score.

3.0 INITIAL RESPONSE & TRENCHING ACTIVITIES

3.1 Initial Response

On March 3, 2016, COG personnel collected samples by means of trenching with mechanical means (i.e. backhoe tractor) with Sweatt Construction at the COG Azores Federal #002H facility. Sampling activities were in response to a release directly to the ground of fifteen (15) barrels (bbls) of produced water. Three (3) bbls of the fluids were recovered. The release impacted approximately two thousand five-hundred (2,500) square feet of pasture area.

3.2 Drilling Activities

On August 12, 2016, ASSI personnel along with COG and Scarborough Drilling were present to collect deeper delineation samples by means of air rotary drilling techniques. Mr. Ryan Reich, an ASSI environmental professional, was present to document onsite activities (written and photographic). Two (2) soil borings (i.e., S1 and S2), were advanced to delineate Chloride at depth. Soil boring locations S1 and S2 are shown on Figures 3 and 4. Discrete samples were collected from both soil borings at the following depths: 1', 2', 3', 4', 6', and 8' below ground surface (bgs). At soil boring S1 samples were collected beyond eight (8) foot bgs at the following depths: 10', 12' and 15' bgs. Soil was field screened for Chloride utilizing electro conductivity during drilling operations.

3.3 Soil Sampling Analytical Results

Fifteen (15) samples, nine (9) from soil boring S1 and six (6) from soil boring S2 were collected on August 12, 2016, by ASSI personnel for laboratory analysis. The samples were analyzed for BTEX, TPH, and Chloride (Table 1). Analytical results were compared to the NMOCD *Guidelines for Remediation of Leaks, Spills and Releases* (Section VI A. Contaminated Soils) and show Chloride exceedances exist in soil above the NMOCD clean-up goals as discussed in Section 2.0 at both soil boring locations. However, at soil boring location S1 vertical delineation has been achieved at a depth of fifteen (15) bgs with a Chloride concentration of 224 mg/Kg. Vertical delineation has been achieved at soil boring location S2 at a depth of eight (8) foot bgs with a Chloride concentration of 80 mg/Kg. At both locations NMOCD's threshold of 600 mg/Kg has been met and clean-up goals satisfied.

4.0 LABORATORY ANALYTICAL METHODS

The samples were analyzed for TPH GRO/DRO utilizing EPA method SW-846 8015, BTEX using EPA method SW-846 8021B, and Chloride utilizing EPA method SW-846 300.1. Copies of the laboratory analysis are provided in Appendix D.

Soil was collected in laboratory prepared glassware, placed on ice, and packed in a cooler. The sample coolers and completed chain-of-custody forms were relinquished to Cardinal Laboratories in Hobbs, New Mexico for normal turn-around time.

Figures 3 and 4 are Site Diagrams that indicate the approximate location of the confirmation soil boring locations in relation to pertinent land features and general Site boundaries, which is included in Appendix A.

5.0 WORK PLAN

Based upon the data collected and the work completed by ASSI, the constituent of concern (COC) has been vertically delineated at both soil boring locations. Furthermore, laboratory analysis shows that TPH and BTEX concentrations are below the NMOCD clean-up goals.

Based on the analytical data, COG and ASSI propose to remove the impacted material as presented in Table 1. The area adjacent to and around soil boring S1 will be excavated to a depth of approximately six (6) foot bgs. Following excavation operations, a plastic liner will be installed at the bottom of the excavation on top of the excavation floor. The area adjacent to and around soil boring S2 will be excavated to a depth of approximately six (6) foot bgs. All material removed by mechanical means from both excavations will be stockpiled onsite and subsequently removed (hauled away) offsite to a proper disposal facility under appropriate manifest. The excavated areas will be backfilled to grade with clean material and the surface grade contoured to the surrounding landscape.



APPENDIX A

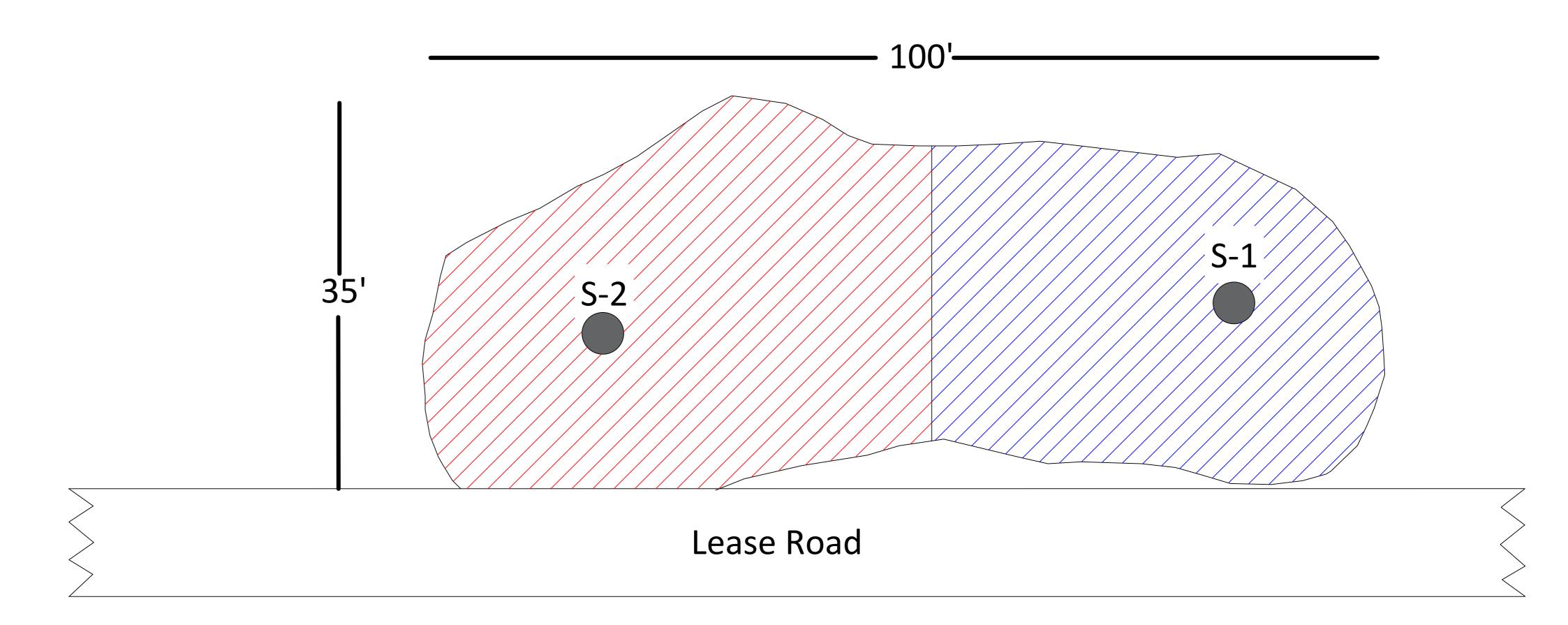
Figures

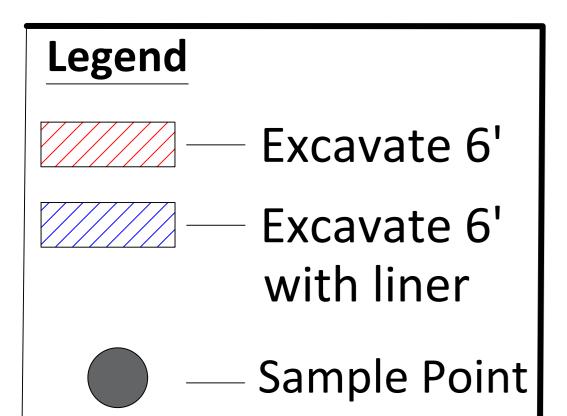












Concho-Azores Federal #002H Lea County, New Mexico 32.18166N, -103.69351W



FIGURE 4
Proposed Excavation
Areas



APPENDIX B

Table 1

TABLE 1

Summary of Delineation Sampling Analytical Results Concentrations of Benzene, BTEX, TPH & Chloride in Soil Concho Operating, LLC Azores Federal #2H Lea County, New Mexico

NMOCD REF: 1RP-4149



8021B 8015M 300.0 SAMPLE DEPTH SAMPLE DATE Total TPH BENZENE (mg/Kg) TOLUENE (mg/Kg) XYLENES (mg/Kg) (mg/Kg) (mg/Kg) (mg/Kg) (mg/Kg) (mg/Kg) (mg/Kg) NMOCD - Guidelines for Remediation of Leaks, Spills and Releases 5,000 600 Vertical Delination Sampling S1 1' 8/12/2016 In-Situ <0.050 < 0.050 < 0.050 < 0.150 < 0.300 <10.0 <10.0 <10.0 3,440 2,640 S1 2' 8/12/2016 In-Situ S1 8/12/2016 In-Situ 2,680 3' S1 8/12/2016 In-Situ 3,240 4' S1 6' 8/12/2016 In-Situ 13,600 S1 8/12/2016 In-Situ 5.600 8' S1 10' 8/12/2016 In-Situ 4,240 **S1** 12' 8/12/2016 In-Situ 480 15' 8/12/2016 In-Situ 224 S1 8/12/2016 <0.050 <0.050 < 0.050 <0.150 <10.0 <10.0 S2 1' In-Situ < 0.300 <10.0 848 2' S2 8/12/2016 In-Situ 2,440 8/12/2016 In-Situ 4,320 S2 3' S2 4' 8/12/2016 In-Situ 5,200 S2 6' 8/12/2016 In-Situ 3,040 8/12/2016 In-Situ 80.0 S2

mg/Kg - milligrams per Kilogram

- = Not Established

Concentrations in BOLD exceed the NMOCD Guidelines



Proposed excavted area



APPENDIX C

Laboratory Analysis



August 24, 2016

DAKOTA NEEL

COG OPERATING

P. O. BOX 1630

ARTESIA, NM 88210

RE: AZORES FEDERAL #2H

Enclosed are the results of analyses for samples received by the laboratory on 08/17/16 11:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/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)

Celey D. Keine

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



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

Received: 08/17/2016 Sampling Date: 08/12/2016

Reported: 08/24/2016 Sampling Type: Soil

Project Name: AZORES FEDERAL #2H Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Angela Cabrera

Project Location: NOT GIVEN

Sample ID: S1 - 1' (H601857-01)

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	08/20/2016	ND	2.28	114	2.00	3.95	
Toluene*	< 0.050	0.050	08/20/2016	ND	2.32	116	2.00	3.70	
Ethylbenzene*	< 0.050	0.050	08/20/2016	ND	2.21	110	2.00	4.14	
Total Xylenes*	<0.150	0.150	08/20/2016	ND	6.68	111	6.00	3.96	
Total BTEX	<0.300	0.300	08/20/2016	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 %	6 73.6-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3440	16.0	08/22/2016	ND	416	104	400	0.00	
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	08/19/2016	ND	218	109	200	1.61	
DRO >C10-C28	<10.0	10.0	08/19/2016	ND	234	117	200	1.50	
Surrogate: 1-Chlorooctane	84.7 9	% 35-147	,						
Surrogate: 1-Chlorooctadecane	95.79	6 28-171							

Sample ID: S1 - 2' (H601857-02)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2640	16.0	08/22/2016	ND	416	104	400	0.00	

Cardinal Laboratories *=Accredited Analyte

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

Received: 08/17/2016 Sampling Date: 08/12/2016

Reported: 08/24/2016 Sampling Type: Soil

Project Name: AZORES FEDERAL #2H Sampling Condition: Cool & Intact Project Number: Sample Received By: NONE GIVEN Angela Cabrera

Project Location: **NOT GIVEN**

Sample ID: S1 - 3' (H601	. 857-03)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2680	16.0	08/22/2016	ND	416	104	400	0.00	
Sample ID: S1 - 4' (H601	.857-04)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3240	16.0	08/22/2016	ND	416	104	400	0.00	
Sample ID: S1 - 6' (H601	.857-05)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	13600	16.0	08/22/2016	ND	416	104	400	0.00	

Sample ID: S1 - 8' (H601857-06)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5600	16.0	08/22/2016	ND	416	104	400	0.00	

Sample ID: S1 - 10' (H601857-07)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4240	16.0	08/22/2016	ND	416	104	400	0.00	

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

Received: 08/17/2016 Sampling Date: 08/12/2016

Reported: 08/24/2016 Sampling Type: Soil

Project Name: AZORES FEDERAL #2H Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Angela Cabrera

Project Location: NOT GIVEN

Sample ID: S1 - 12' (H601857-08)

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier

Chloride 480 16.0 08/22/2016 ND 416 104 400 0.00

Sample ID: S1 - 15' (H601857-09)

Chloride, SM4500Cl-B Analyzed By: AC mg/kg Reporting Limit Analyzed Method Blank BS True Value QC RPD Qualifier Analyte Result % Recovery Chloride 224 16.0 08/22/2016 416 104 400 0.00 ND

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

Received: 08/17/2016 Sampling Date: 08/12/2016

Reported: 08/24/2016 Sampling Type: Soil

Project Name: AZORES FEDERAL #2H Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Angela Cabrera

Project Location: NOT GIVEN

Sample ID: S2 - 1' (H601857-10)

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	08/20/2016	ND	2.28	114	2.00	3.95	
Toluene*	<0.050	0.050	08/20/2016	ND	2.32	116	2.00	3.70	
Ethylbenzene*	<0.050	0.050	08/20/2016	ND	2.21	110	2.00	4.14	
Total Xylenes*	<0.150	0.150	08/20/2016	ND	6.68	111	6.00	3.96	
Total BTEX	<0.300	0.300	08/20/2016	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 73.6-14	0						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	848	16.0	08/22/2016	ND	416	104	400	0.00	
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	08/19/2016	ND	218	109	200	1.61	
DRO >C10-C28	<10.0	10.0	08/19/2016	ND	234	117	200	1.50	
Surrogate: 1-Chlorooctane	88.5	% 35-147	7						
Surrogate: 1-Chlorooctadecane	99.7	% 28-171							

Sample ID: S2 - 2' (H601857-11)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2440	16.0	08/23/2016	ND	416	104	400	0.00	

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

Received: 08/17/2016 Sampling Date: 08/12/2016

Reported: 08/24/2016 Sampling Type: Soil

Project Name: AZORES FEDERAL #2H Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Angela Cabrera

Project Location: NOT GIVEN

Sample ID: S2 - 3' (H601857-12)

Chloride, SM4500Cl-B mg/kg Analyzed By: AC Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 4320 08/23/2016 ND 416 0.00 16.0 104 400

Sample ID: S2 - 4' (H601857-13)

Chloride, SM4500Cl-B Analyzed By: AC mg/kg Analyzed BS True Value QC RPD Analyte Result Reporting Limit Method Blank % Recovery Qualifier Chloride 5200 16.0 08/23/2016 416 400 0.00 ND 104

Sample ID: S2 - 6' (H601857-14)

Chloride, SM4500Cl-B mg/kg Analyzed By: AC Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 3040 08/23/2016 400 0.00 16.0 ND 416 104

Sample ID: S2 - 8' (H601857-15)

Chloride, SM4500Cl-B mg/kg Analyzed By: AC Reporting Limit RPD Analyte Result Analyzed Method Blank BS % Recovery True Value QC Qualifier Chloride 80.0 16.0 08/23/2016 ND 416 104 400 0.00

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Notes and Definitions

QR-03 The RPD value for the sample duplicate or MS/MSD was outside if QC acceptance limits due to matrix interference. QC batch

accepted based on LCS and/or LCSD recovery and/or RPD values.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

ecovery.

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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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name:	COG Operating LLC		BILL TO	ANALYSIS REQUEST
Project Manager:	: Dakota Neel		P.O. #:	
Address: 2208	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:	ň	City: Midland	
Project Name: /	Azores Federal #2H		State: TX Zip: 79701	
Project Location:			Phone #: (432) 221-0388	
Sampler Name:	Dakota Neel		Fax #:	
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING	
Lab I.D. Н601657	Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER: DATE	BTEX TPH Chloride
_	S1-1'		5-12-16 10:30AM	× ×
2	S1-2'			×
N	S1-3'			
¢	S1-4'			×
S	S1-6'			×
6	S1-8'			
۷	S1-10'			>
B	S1-12'			×
-0	\$1-15		+	×
PLEASE NOTE: Liability and	Damages. Cardinal's liability and client's exclusive remedy for	any claim arising whether based in con	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 the client for the	he .
analyses. All claims including	those for negligence and any other cause whatsoever shall be	deemed waived unless made in writing without limitation, business interruption	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 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries.	a applicable

Sampler - UPS - Bus - Other:

Sample Condition
Cool Intact
LYYes LYYes
No No

CHECKED BY:

#75

Delivered By: (Circle One)

Relinquished By:

Time: Date: 5-17-16

Date: Time:

affiliates or successors arising out of or related to the perf Relinquished By:

uental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries,

diess of whether such claim is based upon any of the above stated reasons or otherwise.

Phone Result:

□ Yes

O No

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

Received By:



(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

company Name:	COG Operating LLC												8/	BILL TO					ANALYSIS REQUEST	
Project Manager:	Dakota Neel								দা	P.O. #:	#									_
Address: 2208	2208 West Main								0	9	ıpa	Company:		COG Operating LLC	_C			,		
City: Artesia	State: NM		Zip	_	0	88210	10		D	Attn:				Robert McNeill						_
Phone #:	(575) 748-6930 Fax #:								Þ	dd	Address:	S		600 W Illinois						
roject #:	Project Owner:								C	City:	2.0			Midland	19					
Project Name: /	Azores Federal #2H								S	tate	State: TX	\times		Zip: 79701						
roject Location:									P	ю	le :	#	432	Phone #: (432) 221-0388						_
Sampler Name:	Dakota Neel								П	Fax #:	#									
FOR LAB USE ONLY						×	MATRIX	×	1	Ъ	ᇛ	PRESERV	?	SAMPLING						
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:		ICE / COOL	OTHER:	DATE TIME		BTEX	TPH	Chloride		
5	S2-1'													NA 00:01 11-21-8	MAC	X	×	×		_
=	S2-2'										_			8-12-18				Х		
7	S2-3'									_				8-12-16				×		
ri vi	S2-4'									_	-			8.12.16				X		
14	S2-6'									_				8-12-6				×		
N	S2-8 ¹								-	_	-			8.12.16				X		
LEASE NOTE: Liability and nalyses. All claims including	LEASE 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 the client for the nalyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable	y claim eemed	arisin	g whe	ther l	based ade i	in co	ntrac ng ar	t or to	ırt, sh eived	all be	e limit ardir	led to	the amount paid by the cli thin 30 days after completion	ent for th	e applicable				•

s. Please fax written changes to 575-393-2476

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

706 h

Sample Condition
Cool Intact
Lives 1 Yes
No 1 No

CHECKED BY:

#750

Relinquished By:

Time: Date:

Time:

Date: 8-17-16

Received By:

ions, loss of use, or loss of profits incurred by client, its subsidiaries

Phone Result:

☐ Yes☐ Yes

O No

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

Relinquished By:

Page 9 of 9



APPENDIX D

Initial C-141

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Form C-141 Revised August 8, 2011

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

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

			Rele	ase Notific	catio	n and Co	rrective A	ction	1			
						OPERA	ΓOR			l Report		Final Repor
Name of Co	mpany: C	OG Operati	ng LLC			Contact: Ro	bert McNeill					
		inois Avenu					No. 432-230-007	77				
Facility Nar	ne: AZOR	ES FEDERA	AL #002F	Ŧ		Facility Typ	e: Wellhead					
Surface Ow	ner: Feder	al		Mineral C)wner:	Federal			API No.	30-025-4	1534	
				LOCA	ATIO	N OF REI	LEASE					
Unit Letter O	Section 29	Township 24S	Range 32E	Feet from the 190'	North	/South Line South	Feet from the 1650'		West Line East		Coun Lea	-
				Latitude 32.1	181667	3 Longitude	-103.6935196					
				NAT	URE	OF REL	EASE					
Type of Rele						Volume of			Volume R			
Produced Wa						15 bbls PW	lour of Occurrenc		3 bbls PW Date and I			
Flowline	icasc.					1-18-2016		C.	1-18-2016		scovery	•
Was Immedia	ate Notice C					If YES, To						
			Yes	No 🗵 Not R	equired							
By Whom?						Date and H						
Was a Water	course Read		v 17	Lst		If YES, Vo	olume Impacting t	he Wat	ercourse.			
			Yes 🛚									
If a Watercou	ırse was Im	pacted, Descr	ibe Fully.*									
		em and Reme			A		4:			:4:		
I mis release	was caused	by an open v	aive on an	open enu pory m	ne. A va	cuum truck w	as dispatched to r	ecover	standing nu	ıu.		
Describe Are	a Affected	and Cleanup A	Action Tak	en.*								
This release i	s located in	the nasture a	long the le	ase road. Concho	will ha	ve the snill sit	e sampled to deli	neste si	ny nassihle a	contaminat	ion from	m the release
							significant remedi			, or it direction	ion iroi	n the release
			•									
I hanshu santi	firshet the	information of	abaua	is two and same	lata to t	ha hast a Court	knowledge and u	m d awata	nd that muse	uant to NIA	IOCD .	nilos and
							nd perform correc					
public health	or the envi	ronment. The	acceptano	e of a C-141 repo	ort by th	e NMOCD m	arked as "Final R	eport" o	does not relie	eve the opi	erator o	f liability
							on that pose a thr					
				tance of a C-141	report d	loes not reliev	e the operator of i	respons	ibility for co	ompliance	with an	y other
reuerar, state,	or tocal lav	ws and/or regu	nations.		30		OIL CON	SEDI	/ATION	DIVISI	ON	F.;
				· //			OIL CON	<u>SEIV V</u>	ATION	DIVIGI	<u> </u>	
Signature:	of dus	t h.	heal	1								
Printed Name	: Robert N	1cNeill				Approved by	Environmental S	pecialis	t:			
Title: Enviro	nmental Ma	nager				Approval Da	te:		Expiration I	Date:		
		l@concho.co	m.			Conditions of						
_							-11-11-11-11-11-11-11-11-11-11-11-11-11			Attache	1	
	uary 1, 201			one: 432-230-007	77							
* Attach Addi	tional She	ets If Necess	агу									



APPENDIX E

Groundwater Data



New Mexico Office of the State Engineer Wells with Well Log Information

No wells found.

Basin/County Search:

County: Lea

PLSS Search:

Section(s): 29 Township: 24S Range: 32E

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

4/27/17 7:04 AM WELLS WITH WELL LOG INFORMATION

