

Oil Conservation Division District 1 – Hobbs 1625 N. French Dr. Hobbs, NM 88240

Re: Pintail 3 Federal SWD #1 30-025-41208 Sec. 3, T26S-R32E Lea County, NM Ju<u>ne 27, 2016</u>



Site must be fully delineated and remediated at time of abandonment.

Mr. Keyes/Ms. Tucker,

This letter is in response to the denial for closure dated April 14, 2016 of the incident #1RP-3952. Per a conversation with Shelly Tucker on May 10, 2016 it was determined this incident could be closed with the condition of approval that at the time of abandonment COG would address the chloride left in place under the facility. The desired outcome is surface reclamation through the establishment of vegetative growth.

On June 1, 2016 in a meeting with Mr. Jaime Keyes of NMOCD District 1 it was concluded closure of this incident would require further delineation of L3,L4, and L6 sampling points. Due to the petrocalcic horizon found at approximently 5' a rock drill was required to extract the sample. Per Mr. Keyes, one or two samples would suffice for closure if not three. COG was able to obtain samples from two sampling points L3 and L4 to show delineation. Attached is a sampling map summarizing the delineation and copies of the laboratory analysis.

COG Operating LLC would like to submit the enclosed document for closure of the above captioned well. All work has been completed in accordance with the approved work plan submitted to the NMOCD and BLM.

A copy of the submitted C-141 Final is enclosed for your consideration. Please feel free to contact me with any questions or concerns at (575) 748-6930.

Sincereby.

Amanda Trujillo Davis Senior Environmental Coordinator

Enclosure(s):

- (1) Sampling Map
- (2) Laboratory Analysis
- (3) C-141 Final





June 27, 2016

Pintail 3 Federal SWD #1



June 24, 2016

LUPE CARRASCO COG OPERATING P. O. BOX 1630 ARTESIA, NM 88210

RE: PINTAIL SWD

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.

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. Keine

Celey D. Keene Lab Director/Quality Manager

Page 1 of 4



Analytical Results For:

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

Received:	06/22/2016	Sampling Date:	06/21/2016
Reported:	06/24/2016	Sampling Type:	Soil
Project Name:	PINTAIL SWD	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: L3-5' (H601367-01)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	06/24/2016	ND	432	108	400	3.77	

Sample ID: L3-7' (H601367-02)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/24/2016	ND	432	108	400	3.77	

Sample ID: L3-10' (H601367-03)

Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/24/2016	ND	432	108	400	3.77	

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Labeley and Damages. Cardinal's labelity and clent's exclusive remedy for any clean analog, whether based in contract or tort, shall be limited to the amount paid by clean for analyses. All cleans, including those for negligence and any other cause whatsoever 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 liable for incidental or consequences damages, including, writion, liamatics, business interruptions, loss of use, or loss of profits incurred by clean, its substantianes, antilatop or successors amang out of or instead to the performance of the services hereunder by Cardinal, regardless of whether such dam is based upon any of the above stated reasons or otherwise. Results relate only to the samples derived above. This report shall not be reproduced societ in the web written approval of Cardinal Laboratories.

Cellery & Keine -



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 SM4500CI-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

PLEASE NOTE: Lisbley and Damages. Cardinal's labelity and cleant's exclusive remedy for any claim ansung, whether besid in contract or bort, shall be lamined to the anount paid by chert for enalyses. All claims, including those for negligence and any other cause whetserver shall be deemed waved unless made in writing and inclaimed by Cardinal by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal's labelity for inclaimed or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits inclaimed by cleart, its subsidiaries, affiliates or accesses areans out of or militad to the performance of the services hereunder by Cardinal, regardless of whether such claim 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 Laboratores,

Celley To Kenne -

								ardin	+ 7			
				SH	A	No I No	F.E	0	s	- Bus - Other: R2.0	Sampler - UPS - Bus FORM-006 R 2.0	San
				ED BY:	CHECKED BY	- 24	ត ខ្ល			Delivered By: (Circle One)	livered By:	De
									Time:			
						C	erver B	Had	Date:		venudnisher by:	
<u>cho.com</u>	om	gcarra oncho.cc	REMARKS: <u>gcarrascc</u> atruillo@concho.com	Reve B	P.	Gela.	- JULA	1	Time: 10:45	current	14	\mathbb{N}
Yes No Add1 Phone #: Add1 Fax #:	Yes IND		Phone Result: Fax Result:	טר, ור			Received By:	K	Date:)	Vermentation by	101
			hi subscharten, ur offernese	is incurred by claim, in there earned manufacture	sons, loss of use, or loss of profits mounted by co daim is besed upon any of the above varied may	her yuch	mann, buun	ardna i	Marundar by	a nu o contrato da contrato da la contrato		
		planitie	pletun of the sy	and by Candonal watern 30 days after completers of the appl	and by Candmal we	id unless made in writing and mos	d waved unless r	Ĩ		digence.	enalyses. All cleans including those for many shares for many shares and shall Continue he factor	
		$\left \right $		the account pand by 8	L shad be trrated to	diver based in support of bot, whill be knowed to the arrowed sumd by the class for the	anderin Duraue	3L	clarit's exclusion remody for any cla	d Demages Centrol's tobility and	PLEASE NOTE: Lishing and Dem.	PER
Additional statements and statements and the statement of	-	-						1				1
		1										
and the second s		1										
	_											
				Statement of the second se				İ			a pila ana mala a bata da da da da g	
		-					ļ					
								ļ			والمتعارضة والمراجع والمحادثة والمحادثة والمحادثة والمحادثة والمحادثة والمحادثة والمحادثة والمحادثة والمحادثة	
	×			6/21/16		+ +		×		13-10	i,	
	×			01112/0		-	1	>			N/A	
	: >	1	-	014110	-			< >	المواد المائلة المحافظ المحاج المحاج المحاج المحاج	1.2.7	1	
	+	-		6/94/16				_		13-5'		
	Chlor	BTE) TPH	TIME	DATE	ACID ICE / OTHI	SOIL OIL SLUI OTH	# CC GRO WAS	_			Huo Bur	E
	ide	<			/B/	DG	UN	-				
		_			ASE	E	IDW	-	I.U.	sample l.u.		
							ATE	R (C)C	5	2	5	-
	_					-	२	MP				
			67	SAMPLING	PRESERV.	MATRIX					FOR LAB USE CHLY	ŝ
			01		Fax #:	71				Lupe Carrasco	Sampler Name:	Sam
				2) 221-0388	Phone #: (432) 221-0388	9				8	Project Location:	Proj
		_		Zip: 79701	State: TX	0		1		Pintail SWD	Project Name:	Proj
				Midland	City:	0	1	ä	Project Owner:		Project #:	Proj
			Sic	600 W Illinois	Address:	A			Fax #	(575) 748-6940	Phone #:	Pho
		2040	ili	Robert McNeill	Attn:	88210 A	Zp		State: NM		r: Artesia	City:
			IN THC	COG Operating LLC	Company:	0				2208 West Main	858:	Add
		3			P.O. #:	17					Junior	
AWALTON REQUENT			Children of Children	DILL IV	12			-	THE AVERAGE AND A		lect Manana	
			1401440144014	TO						- L.	Company Name:	S
								1240	11 East Mariand, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-22476	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476		
				ļ				V				6
DY AND ANALYSIS REQUEST	USTODY	OF-C	CHAIN-OF-C	0) [τ́†))			-
1 201									DINDI			

Page 4 of 4

6



June 24, 2016

LUPE CARRASCO COG OPERATING P. O. BOX 1630 ARTESIA, NM 88210

RE: PINTAIL SWD

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.

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,

Celeg D. Keine

Celey D. Keene Lab Director/Quality Manager

Page 1 of 4



1

Analytical Results For:

		COG OPER	RATING		
		LUPE CAR	RASCO		
		P. O. BOX	1630		
		ARTESIA I	VM, 88210		
		Fax To:	NONE		
Received:	06/22/2016			Sampling Date:	06/21/2016
Reported:	06/24/2016			Sampling Type:	Soil
Project Name:	PINTAIL SWD			Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN			Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN				

Sample ID: L4-5' (H601368-01)

Chloride, SM4500Cl-8	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/24/2016	ND	432	108	400	3.77	

Sample ID: L4-7' (H601368	i-02)								
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/24/2016	ND	432	108	400	3.77	

Sample ID: L4-10' (H601368-03)

Chloride, SM4500Cl-B	mg/	/kg		d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	06/24/2016	ND	432	108	400	3.77	

Cardinal Laboratories

*=Accredited Analyte

PLEASE eXOTE: Liabley and Disnages. Cardinal's Bablety and client's exclusive remedy for any claim aniung, whether based in contract or tort, shall be lented to the amount pard by client for analysis. All claims, including those for negligence and any other cause whatsoever shall be deemed waved unless made in writing and micraved by Cardinal within thirty (30) days star completion of the applicable service. In no event shall Cardinal be lable for incidential or consequential damages, including, without lemitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiance, atfiliates or successors areang out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim 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 apprivat of Cardinal Laboratores.

Cellery 2 Kinne-



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 SM4500CI-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

PLEASE NOTE: Liabley and Damagers. Cardenait's leadery and client's exclusive remedy for any idean arrang, whether based in contract or bort, shall be limited to the amount paid by client for analyses. All clients, including those for neglegence and any other cause whatsonver shall be limited under any idean arrang, whether based in contract or bort, shall be limited to the amount paid by client for analyses. All clients, including those for neglegence and any other cause whatsonver shall be limited unders, including, whether based in contract or bort, shall be limited to the amount paid by client for analyses. All clients, including those for neglegence and any other cause whatsonver 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 liable for incidential or consequential damages, including, without amtanov, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors areing out of or neisted to the performance of the services benunder by Cardinal, regenders of whether such claims based upon any of the above stated reasons or otherwse. Results related above to be used on any of the above stated reasons or otherwse. Results related above to be profits incurred above to above the performance of the services.

Cellery 2 trane-

2	
	D
for	2
- PS	

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476 :: COG Operating LLC

1		BILL TO			
Ē	œ,	P.O. #		ANALYSIS REQUEST	
- BS	2	Company: COG Operation 11 C	1		
A ICOID	Zip 88210 At				
Protect #: (3/3) /48-694() Fax #:	Ad	Address: 600 W Illinois	1		_
ome.	r: City:		1		_
Protect Location	St	State: TX Zip: 79701			_
	Hd	Phone #: (432) 221-0388			
FOR UNA USE ONLY	Fau	Fax #:			_
	MATRIX	PRESERV SAMPLING	<u>.</u>		
Sample I.D.	# CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER :	ACID/BASE ICE / COOL OTHER : DATE	BTEX TPH Chloride		
L4-7		6/21/16	1		t
terre and the second	< X	6/21/16	×		1
		6/1/16			
PLEASE NOTE: Listen and Classical Activity is labeling and class is automatic transit to a serve					
serves. In to event shad Carlons be liable for any one cases which be deemed valued unless made in whithy and research put by the class by the applicable affinite or successors insulty out of or reduced to the performance of events building whould instearch, business intemptions, bas of use, or bas of performs and any start start applicable Refinquished By:	and valved urbans made in writing and recoved by Contribution 30 days also total limitation, branness interruptions, bass of use, or bass of polds mourned by unit regretations, the herdrar such claims is based uson any of the electes stated to	• we were service to true alternative paid by the clearst for the by Caledrania within 30 clarge after completions of the ap- , or loads of procks mounted by clarge, as autoclarges, on paid of the electric status researce or movement 2001 proj of the electric status researce or movement.	pikatia		Ľ
Time: // '4%	Reserved By		2	L Yes D No Add'l Phone #: <u>GCallasco(d)concho.com</u> <u>Icho.com</u>	
Delivered By: (Circle One)	Sample Condition	CHECKED BY.			
Sampler - UPS - Bus - Other: 3,1	Cool Intact Yes Yes No No				

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

Page 4 of 4

Oil Conservation Division 1220 South St. Francis Dr.

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

1220 S. St. Fran	cis Dr., Sant	a Fe, NM 8750	5	Sa	anta F	e, NM 875	05				
Release Notification and Corrective Action											
OPERATOR Initial Report Sinal Repo										Final Report	
					Contact: Robert McNeill						
					Telephone No. 432-230-0077						
Facility Name: Pintail 3 Federal SWD #1						Facility Typ	e: Battery	·			
Surface Owner: Federal Mineral Owner:						API No. 30-025-41208					
				LOCA	ATIO	N OF REI	LEASE				
Unit Letter J										У	
Latitude32.0719317402384 Longitude -103.658744163143											
NATURE OF RELEASE											
							Recovered: s Oil ; 1380 P	N			
Source of Release:					Date and H	lour of Occurrence	e: Date an	d Hour of Disc			
Lightning Strike Was Immediate Notice Given?					10/3/2015 11:30 pm 10/3/2015 11:30 pm If YES, To Whom? 10/3/2015 11:30 pm						
Yes No Not Required						es – NMOCD / Mi	r. Amos – BLM				
By Whom? Lupe Carrasco					Date and Hour: Sun 10/4/2015 7:58 PM						
Was a Watercourse Reached?					If YES, Volume Impacting the Watercourse.						
If a Watercourse was Impacted, Describe Fully.*											
Describe Cause of Problem and Remedial Action Taken *											
Describe Cause of Problem and Remedial Action Taken.*											
This release was caused by a lightning strike. The facility was a total loss. Once the fire was extinguished vacuum trucks were dispatched to recover all standing fluid and dispose of at an NMOCD approved facility.											
Describe Are	Affected a	and Cleanup A	Action Tak	en.*							
This release	emained in	side the conta	linment are	a. Remediation v	was con	pleted per the	NMOCD approv	ed work plan.			
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									les and		
regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger									langer		
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									han health		
or the enviror	ment. In a	ddition, NMO	CD accept	ance of a C-141	report d	loes not reliev	e the operator of r	esponsibility for	compliance w	ith any	other
federal, state, or local laws and/or regulations.											
Signatures Robert Bart						OIL CONSERVATION DIVISION					
						Amount has Frankright Barrisling Barrisling Barrisling					
Printed Name: Robert Grubbs Jr.						Approved by Environmental Specialist: Bradford Billings			ings		
Title: Senior	Environmer	ntal Coordinat	or			Approval Dat	roval Date: 12112020 Expiration Date:				
E-mail Addre	ss: rgrubbs	@concho.com	<u>l</u>			Conditions of	Approval:		Attached		
Date: March	1, 2016	P	hone: 432-6	683-7443		SEE	Below		. Introduction	_	
		ts If Necess									

Attach Additional Sheets If N cessary

Follow up cholride data is suffcient to close.