## **Closure Report**



Site Description							
Site Name:	Pan Head Fee #21H						
Company:	COG Operating LLC						
Legal Description:	U/L D, Section 11, T17S, R32E						
County:	Lea County, NM						
GPS Coordinates:	N 32.12498° W 104.10342°						

## **Release Data**

Date of Release:	04/03/2016
Type of Release:	Oil
Source of Release:	Well head leak
Volume of Release:	25 bbls
Volume Recovered:	24 bbls

Remediation Specifications									
Remediation Parameters:	NMOCD, that	ed by COG personnel, BBC personnel, and at remediation was unnecessary due to the fact ples were all clean.							
Remediation Activities:	Not performed								
Plan Sent to OCD:	n/a	n/a							

Plan Sent to UCD:	n/a	n/a
OCD Approval of Plan:	n/a	n/a
Plan Sent to BLM:	n/a	n/a
BLM Approval of Plan:	n/a	n/a

	Supporting Documentation								
Initial C-141	Signed 04/14/2016								
Final C-141	Signed 08/08/2016								
Site Diagram	April 2016								
Groundwater Plot	125'								
TOPO Maps	June 2016								
Lab Summary	05/20/2016								
Lab Analysis	05/20/2016								
Correspondence	None, meeting resulted in no plan due to clean samples								

## **Request for Closure**

Based on the completion of the remediation plan as agreed upon, BBC International requests closure approval from NMOCD.

Cliff Brunson, President of BBC International Inc.

08/12/2016

-

\*

State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division

Form C-141 Revised August 8, 2011

Submit 1 Copy to appropriate District Office in

District IV1220 South St. Francis Dr.1220 S. St. Francis Dr., Santa Fe, NM 87505Santa Fe, NM 87505								accordance v	vitn 19.	13.29 NMAC.	
· · · · · · · · · · · · · · · · · · ·	· · · ·	· " · ·	Rele	•			orrective A	ction			
						OPERA			itial Report		Final Report
Name of Co	mpany: C	OG Operati	ng LLC				obert McNeill				
Address: 60	0 West Illi	nois Avenue	, Midlan	d TX 79701	,	Telephone	No. 432-230-00	77			
Facility Nan	ne: PAN H	IEAD FEE #	021H		]	Facility Ty	pe: Battery				
Surface Ow	ner:	·····		Mineral O	wner; I	Ree		API	No. 30-025-4	40886	
				······			LEASE				
Unit Letter D	Section 11	Township 17S	Range 32E	Feet from the 330	North/	South Line	Feet from the 330	East/West Lin West	ne	Cour Le:	•
D		110	520	Latitude 32.8	3554306		<b>le</b> ~103.7446976	¥¥ 031	I	Le	<u>a</u>
Type of Relea	ise:		** <del>***********************************</del>			Volume c 25 bbls	f Release:	Volun 24 bbl	ne Recovered:		
Source of Rel	ease:	· · ·					Hour of Occurrenc		s nd Hour of Di	scovery	/:
Wellhead						4/3/2016	9:00 am		16 9:00 am		
Was Immedia	ite Notice G	_		·	• •	If YES, T					
			Yes	No 🛛 Not Rec	quirea		yes - NMOCD				
By Whom? Was a Waterc	Robert Gru						Hour: 4/4/2016 6:5 olume Impacting t				
			Yes 🛛	No		II 115, v	orume impacting i		,		
Describe Caus This release					e off the	wellhead.	Vacuum trucks we	re dispatched to	recover stand	ing flui	d.
Describe Area	Affected a	nd Cleanup A	ction Tak	en.*							
This release o release and we	ccurred at the will present	he wellhead a nt a remediati	nd stayed on work p	on location. Concl lan to the NMOCI	ho will l D for ap	have the spi proval prior	ll site sampled to d to any significant	lelineate any po remediation wo	ssible contami rk.	nation	from the
regulations all public health should their op	operators a or the enviro perations ha ment. In ad	re required to onment. The ive failed to a ldition, NMO	report an acceptanc dequately CD accept	d/or file certain rel e of a C-141 repor investigate and rer	lease no t by the nediate	tifications a NMOCD n contaminat	v knowledge and un and perform correct narked as "Final Ro ion that pose a three we the operator of r	tive actions for eport" does not eat to ground wa	releases which relieve the ope iter, surface w	n may e erator o ater, hu	ndanger f liability man health
				ł			OIL CONS	SERVATIO	N DIVISIO	<u> </u>	
Signature:	Rent	12mp									
Printed Name	Robert Gr	ubbs Jr.			A	Approved by	environmental Sp	pecialist:			L.
Title: Senior E	Environmen	tal Coordinate	or		A	Approval Da	te:	Expiratio	on Date:		
E-mail Addres	ss: rgrubbs@	Oconcho.com			C	Conditions o	f Approval:		Attached	Attached	
Date: April Attach Additi		ts If Necessa		one: 432-683-7443	ľ						

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.

Release Notification and Corrective Action												
						<b>OPERA</b>	ΓOR		Initial	Report	$\boxtimes$	Final Report
		COG Operati				Contact: Robert McNeill						
	Address: 600 West Illinois Avenue, Midland, TX 79701						No. 432-230-00	77				
	Facility Name: Pan Head Fee #021H					Facility Typ	e: Battery					
Surface Ow	mer:			Mineral C	wner:	Fee		A	PI No.	30-025-4	0886	
						N OF REI						
Unit Letter	Section	Township	Range	Feet from the	North	/South Line	Feet from the	East/West	Line	County		
D	11	17S	32E	330		North	330	West		Lea Count	<u>y, NM</u>	
			1	Latitude <u>N 32.1</u>	<u>2498°</u>	Longitu	ide <u>W 104.1034</u>	<u>2°</u>				
				NAT	URE	OF REL	EASE					
Type of Rele	ase: Oil				_		Release: 25 bbls	Vo	lume Re	covered:	24 bbls	;
Source of Re	elease: Well	l head					lour of Occurrenc 5 @ 9:00 am			lour of Dis 5 @ 9:00 ai		
Was Immedi	ate Notice (					If YES, To	Whom?	101/	0012010	<u>, (a</u> , ).00 a		
				No 🗌 Not Re	equired	· · ·	es-NMOCD					
By Whom? Was a Water		bbs Jr., COG (	Operating				lour: 04/04/2016 olume Impacting t		ITCA			
Wasa Water	course rea		Yes 🗵	No		11 1 1 2 3, 4 4	nume impacting t	ne watercou				
If a Waterco	urse was Im	pacted, Descr	ibe Fully.'	k		1						
Describe Car	use of Probl	em and Reme	dial Actio	n Taken.*								
This release recovered 24		by a broken c	hemical li	ne the pumping te	e off th	e wellhead. V	acuum trucks we	re dispatche	d to reco	over the sta	nding	fluid. They
Describe Are	a Affected	and Cleanup	Action Tal	ken.*								
		·			۰.		1.4 1.4 1.1			.*	·	
				e spill for this site			d the analytical da	ita was revie	wed in a	a meeting v	vith Jai	mie Keyes of
regulations a public health should their or the enviro	Il operators or the envi operations h nment. In a	are required t ronment. The nave failed to a	o report and acceptance adequately OCD accept	nd/or file certain r ce of a C-141 report investigate and r	elease 1 ort by th emedia	notifications a ne NMOCD m te contaminati	knowledge and u nd perform correc arked as "Final R ion that pose a thr 'e the operator of a	tive actions eport" does near to ground	for relea not relie d water,	ases which we the ope surface wa	may er rator of ater, hu	ndanger f liability man health
	5.						OIL CON	SERVAT	ION I	DIVISIO	<u>DN</u>	
Signature:		14	ent ro	2-1					1 . 61	7		
Printed Nam	Signature: I Court Ample Printed Name: Robert Grubbs					Approved by	Environmental S	pecialist:	Jam¥l	hye		
		ental Coordina	ator			Approval Da	te: 08/17/2016	Expi	ration D	Date: ///		
		s@concho.co				Conditions o				Attached		
Date: A	ugust 8, 201	6	Phon	e: (432) 683-7442	3		111			pTO1424	_	5

\* Attach Additional Sheets If Necessary

## 30-025-40886 Pan Head Fee #021H

D-11-17S-32E 300 FNL 330 FWL 32.8554306, -103.7446976

Legend

/ Area of Impact

PSP - Proposed Sampling Point

PSR 3 PSP 1 PSR 4

Google earth

200 ft



## **Groundwater Plot**

## Concho Pan Head Fee #21H



Location







Section Quarters

## Concho Pan Head Fee #21H



## Concho Pan Head Fee #21



# Concho

## Pan Head Fee #21H



#### Laboratory Analytical Results Summary Pan Head Fee #21H

		Sample	SP1 @ 1'	SP1 @ 2'	SP1 @ 3'	SP1 @ 4'
Analyte	Method	Date	5/20/16	5/20/16	5//20/16	5/20/16
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	< 0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	< 0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	< 0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	< 0.300
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0

		Sample	SP2 @ 1'	SP2 @ 2'	SP2 @ 3'	SP2 @ 4'
Analyte	Method	Date	5/20/16	5/20/16	5//20/16	5/20/16
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	< 0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	< 0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	< 0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0

		Sample	SP3 @ 1'	SP3 @ 2'	SP3 @ 3'	SP3 @ 4'
Analyte	Method	Date	5/20/16	5/20/16	5//20/16	5/20/16
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		15.6	<10.0	<10.0	<10.0

		Sample	SP4 @ 1'	SP4 @ 2'	SP4 @ 3'	SP4 @ 4'
Analyte	Method	Date	5/20/16	5/20/16	5//20/16	5/20/16
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0

		Sample	SP5 @ 1'	SP5 @ 2'	SP5 @ 3'	SP5 @ 4'
Analyte	Method	Date	5/20/16	5/20/16	5//20/16	5/20/16
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		< 0.050	<0.050	<0.050	< 0.050
Toluene	BTEX 8021B		< 0.050	<0.050	<0.050	< 0.050
Ethylbenzene	BTEX 8021B		< 0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		< 0.300	<0.300	<0.300	<0.300
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0



June 06, 2016

DAKOTA NEEL

COG OPERATING

P. O. BOX 1630

ARTESIA, NM 88210

RE: PANHEAD FEE #21H

Enclosed are the results of analyses for samples received by the laboratory on 06/01/16 11:00.

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/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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



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

Received:	06/01/2016	Sampling Date:	05/20/2016
Reported:	06/06/2016	Sampling Type:	Soil
Project Name:	PANHEAD FEE #21H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

#### Sample ID: S1 - 1' (H601193-01)

BTEX 8021B	mg/	′kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/02/2016	ND	1.89	94.7	2.00	0.636	
Toluene*	<0.050	0.050	06/02/2016	ND	1.92	96.1	2.00	1.13	
Ethylbenzene*	<0.050	0.050	06/02/2016	ND	1.74	87.2	2.00	2.02	
Total Xylenes*	<0.150	0.150	06/02/2016	ND	5.53	92.2	6.00	0.809	
Total BTEX	<0.300	0.300	06/02/2016	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 73.6-14	0						
TPH 8015M	mg/	′kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/02/2016	ND	199	99.3	200	0.885	
DRO >C10-C28	<10.0	10.0	06/02/2016	ND	206	103	200	0.711	
Surrogate: 1-Chlorooctane	62.4	% 35-147	7						
Surrogate: 1-Chlorooctadecane	82.3	% 28-171							

#### **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/01/2016	Sampling Date:	05/20/2016
Reported:	06/06/2016	Sampling Type:	Soil
Project Name:	PANHEAD FEE #21H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

#### Sample ID: S1 - 2' (H601193-02)

BTEX 8021B	mg/	′kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/02/2016	ND	1.89	94.7	2.00	0.636	
Toluene*	<0.050	0.050	06/02/2016	ND	1.92	96.1	2.00	1.13	
Ethylbenzene*	<0.050	0.050	06/02/2016	ND	1.74	87.2	2.00	2.02	
Total Xylenes*	<0.150	0.150	06/02/2016	ND	5.53	92.2	6.00	0.809	
Total BTEX	<0.300	0.300	06/02/2016	ND					
Surrogate: 4-Bromofluorobenzene (PID	<i>99.</i> 7	% 73.6-14	0						
TPH 8015M	mg/	′kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/02/2016	ND	199	99.3	200	0.885	
DRO >C10-C28	<10.0	10.0	06/02/2016	ND	206	103	200	0.711	
Surrogate: 1-Chlorooctane	62.9	% 35-147	7						
Surrogate: 1-Chlorooctadecane	82.7	% 28-171	,						

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/01/2016	Sampling Date:	05/20/2016
Reported:	06/06/2016	Sampling Type:	Soil
Project Name:	PANHEAD FEE #21H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

#### Sample ID: S1 - 3' (H601193-03)

BTEX 8021B	mg/	′kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/02/2016	ND	1.89	94.7	2.00	0.636	
Toluene*	<0.050	0.050	06/02/2016	ND	1.92	96.1	2.00	1.13	
Ethylbenzene*	<0.050	0.050	06/02/2016	ND	1.74	87.2	2.00	2.02	
Total Xylenes*	<0.150	0.150	06/02/2016	ND	5.53	92.2	6.00	0.809	
Total BTEX	<0.300	0.300	06/02/2016	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 73.6-14	0						
TPH 8015M	mg/	′kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/02/2016	ND	199	99.3	200	0.885	
DRO >C10-C28	<10.0	10.0	06/02/2016	ND	206	103	200	0.711	
Surrogate: 1-Chlorooctane	64.1	% 35-147	,						
Surrogate: 1-Chlorooctadecane	81.5	% 28-171							

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/01/2016	Sampling Date:	05/20/2016
Reported:	06/06/2016	Sampling Type:	Soil
Project Name:	PANHEAD FEE #21H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

#### Sample ID: S1 - 4' (H601193-04)

BTEX 8021B	mg,	′kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/02/2016	ND	1.89	94.7	2.00	0.636	
Toluene*	<0.050	0.050	06/02/2016	ND	1.92	96.1	2.00	1.13	
Ethylbenzene*	<0.050	0.050	06/02/2016	ND	1.74	87.2	2.00	2.02	
Total Xylenes*	<0.150	0.150	06/02/2016	ND	5.53	92.2	6.00	0.809	
Total BTEX	<0.300	0.300	06/02/2016	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 73.6-14	0						
TPH 8015M	mg/	′kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/02/2016	ND	199	99.3	200	0.885	
DRO >C10-C28	<10.0	10.0	06/02/2016	ND	206	103	200	0.711	
Surrogate: 1-Chlorooctane	57.2	% 35-147	7						
Surrogate: 1-Chlorooctadecane	73.3	% 28-171	,						

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/01/2016	Sampling Date:	05/20/2016
Reported:	06/06/2016	Sampling Type:	Soil
Project Name:	PANHEAD FEE #21H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

#### Sample ID: S2 - 1' (H601193-05)

BTEX 8021B	mg/	′kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/02/2016	ND	1.89	94.7	2.00	0.636	
Toluene*	<0.050	0.050	06/02/2016	ND	1.92	96.1	2.00	1.13	
Ethylbenzene*	<0.050	0.050	06/02/2016	ND	1.74	87.2	2.00	2.02	
Total Xylenes*	<0.150	0.150	06/02/2016	ND	5.53	92.2	6.00	0.809	
Total BTEX	<0.300	0.300	06/02/2016	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 73.6-14	0						
TPH 8015M	mg/	′kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/02/2016	ND	199	99.3	200	0.885	
DRO >C10-C28	<10.0	10.0	06/02/2016	ND	206	103	200	0.711	
Surrogate: 1-Chlorooctane	63.4	% 35-147	7						
Surrogate: 1-Chlorooctadecane	79.7	% 28-171	,						

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/01/2016	Sampling Date:	05/20/2016
Reported:	06/06/2016	Sampling Type:	Soil
Project Name:	PANHEAD FEE #21H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

#### Sample ID: S2 - 2' (H601193-06)

BTEX 8021B	mg/	′kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/02/2016	ND	1.89	94.7	2.00	0.636	
Toluene*	<0.050	0.050	06/02/2016	ND	1.92	96.1	2.00	1.13	
Ethylbenzene*	<0.050	0.050	06/02/2016	ND	1.74	87.2	2.00	2.02	
Total Xylenes*	<0.150	0.150	06/02/2016	ND	5.53	92.2	6.00	0.809	
Total BTEX	<0.300	0.300	06/02/2016	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 73.6-14	0						
TPH 8015M	mg/	′kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/02/2016	ND	199	99.3	200	0.885	
DRO >C10-C28	<10.0	10.0	06/02/2016	ND	206	103	200	0.711	
Surrogate: 1-Chlorooctane	65.7	% 35-147	7						
Surrogate: 1-Chlorooctadecane	85.3	% 28-171	,						

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/01/2016	Sampling Date:	05/20/2016
Reported:	06/06/2016	Sampling Type:	Soil
Project Name:	PANHEAD FEE #21H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

#### Sample ID: S2 - 3' (H601193-07)

BTEX 8021B	mg/	′kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/02/2016	ND	1.89	94.7	2.00	0.636	
Toluene*	<0.050	0.050	06/02/2016	ND	1.92	96.1	2.00	1.13	
Ethylbenzene*	<0.050	0.050	06/02/2016	ND	1.74	87.2	2.00	2.02	
Total Xylenes*	<0.150	0.150	06/02/2016	ND	5.53	92.2	6.00	0.809	
Total BTEX	<0.300	0.300	06/02/2016	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 73.6-14	0						
TPH 8015M	mg/	′kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/02/2016	ND	199	99.3	200	0.885	
DRO >C10-C28	<10.0	10.0	06/02/2016	ND	206	103	200	0.711	
Surrogate: 1-Chlorooctane	53.7	% 35-147	7						
Surrogate: 1-Chlorooctadecane	73.4	% 28-171							

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/01/2016	Sampling Date:	05/20/2016
Reported:	06/06/2016	Sampling Type:	Soil
Project Name:	PANHEAD FEE #21H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

#### Sample ID: S2 - 4' (H601193-08)

BTEX 8021B	mg/	′kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/02/2016	ND	1.89	94.7	2.00	0.636	
Toluene*	<0.050	0.050	06/02/2016	ND	1.92	96.1	2.00	1.13	
Ethylbenzene*	<0.050	0.050	06/02/2016	ND	1.74	87.2	2.00	2.02	
Total Xylenes*	<0.150	0.150	06/02/2016	ND	5.53	92.2	6.00	0.809	
Total BTEX	<0.300	0.300	06/02/2016	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 73.6-14	0						
TPH 8015M	mg/	′kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/02/2016	ND	199	99.3	200	0.885	
DRO >C10-C28	<10.0	10.0	06/02/2016	ND	206	103	200	0.711	
Surrogate: 1-Chlorooctane	62.4	% 35-147	7						
Surrogate: 1-Chlorooctadecane	76.3	% 28-171	,						

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/01/2016	Sampling Date:	05/20/2016
Reported:	06/06/2016	Sampling Type:	Soil
Project Name:	PANHEAD FEE #21H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

#### Sample ID: S3 - 1' (H601193-09)

BTEX 8021B	mg/	′kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/02/2016	ND	1.89	94.7	2.00	0.636	
Toluene*	<0.050	0.050	06/02/2016	ND	1.92	96.1	2.00	1.13	
Ethylbenzene*	<0.050	0.050	06/02/2016	ND	1.74	87.2	2.00	2.02	
Total Xylenes*	<0.150	0.150	06/02/2016	ND	5.53	92.2	6.00	0.809	
Total BTEX	<0.300	0.300	06/02/2016	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 73.6-14	0						
TPH 8015M	mg/	′kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/02/2016	ND	199	99.3	200	0.885	
DRO >C10-C28	15.6	10.0	06/02/2016	ND	206	103	200	0.711	
Surrogate: 1-Chlorooctane	62.8	% 35-147	7						
Surrogate: 1-Chlorooctadecane	82.0	% 28-171	,						

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/01/2016	Sampling Date:	05/20/2016
Reported:	06/06/2016	Sampling Type:	Soil
Project Name:	PANHEAD FEE #21H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

#### Sample ID: S3 - 2' (H601193-10)

BTEX 8021B	mg,	′kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/02/2016	ND	1.89	94.7	2.00	0.636	
Toluene*	<0.050	0.050	06/02/2016	ND	1.92	96.1	2.00	1.13	
Ethylbenzene*	<0.050	0.050	06/02/2016	ND	1.74	87.2	2.00	2.02	
Total Xylenes*	<0.150	0.150	06/02/2016	ND	5.53	92.2	6.00	0.809	
Total BTEX	<0.300	0.300	06/02/2016	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.7	% 73.6-14	0						
TPH 8015M	mg/	′kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/02/2016	ND	199	99.3	200	0.885	
DRO >C10-C28	<10.0	10.0	06/02/2016	ND	206	103	200	0.711	
Surrogate: 1-Chlorooctane	58.9	% 35-147	7						
Surrogate: 1-Chlorooctadecane	75.6	% 28-171	,						

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/01/2016	Sampling Date:	05/20/2016
Reported:	06/06/2016	Sampling Type:	Soil
Project Name:	PANHEAD FEE #21H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

#### Sample ID: S3 - 3' (H601193-11)

BTEX 8021B	mg/	′kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/02/2016	ND	1.89	94.7	2.00	0.636	
Toluene*	<0.050	0.050	06/02/2016	ND	1.92	96.1	2.00	1.13	
Ethylbenzene*	<0.050	0.050	06/02/2016	ND	1.74	87.2	2.00	2.02	
Total Xylenes*	<0.150	0.150	06/02/2016	ND	5.53	92.2	6.00	0.809	
Total BTEX	<0.300	0.300	06/02/2016	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7	% 73.6-14	0						
TPH 8015M	mg/	′kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/02/2016	ND	199	99.3	200	0.885	
DRO >C10-C28	<10.0	10.0	06/02/2016	ND	206	103	200	0.711	
Surrogate: 1-Chlorooctane	62.3	% 35-147	7						
Surrogate: 1-Chlorooctadecane	84.3	% 28-171	,						

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/01/2016	Sampling Date:	05/20/2016
Reported:	06/06/2016	Sampling Type:	Soil
Project Name:	PANHEAD FEE #21H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

#### Sample ID: S3 - 4' (H601193-12)

BTEX 8021B	mg/	′kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/02/2016	ND	1.89	94.7	2.00	0.636	
Toluene*	<0.050	0.050	06/02/2016	ND	1.92	96.1	2.00	1.13	
Ethylbenzene*	<0.050	0.050	06/02/2016	ND	1.74	87.2	2.00	2.02	
Total Xylenes*	<0.150	0.150	06/02/2016	ND	5.53	92.2	6.00	0.809	
Total BTEX	<0.300	0.300	06/02/2016	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 73.6-14	0						
TPH 8015M	mg/	′kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/02/2016	ND	199	99.3	200	0.885	
DRO >C10-C28	<10.0	10.0	06/02/2016	ND	206	103	200	0.711	
Surrogate: 1-Chlorooctane	60.7	% 35-147	7						
Surrogate: 1-Chlorooctadecane	78.1	% 28-171							

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/01/2016	Sampling Date:	05/20/2016
Reported:	06/06/2016	Sampling Type:	Soil
Project Name:	PANHEAD FEE #21H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

#### Sample ID: S4 - 1' (H601193-13)

BTEX 8021B	mg/	′kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/02/2016	ND	1.89	94.7	2.00	0.636	
Toluene*	<0.050	0.050	06/02/2016	ND	1.92	96.1	2.00	1.13	
Ethylbenzene*	<0.050	0.050	06/02/2016	ND	1.74	87.2	2.00	2.02	
Total Xylenes*	<0.150	0.150	06/02/2016	ND	5.53	92.2	6.00	0.809	
Total BTEX	<0.300	0.300	06/02/2016	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 73.6-14	0						
TPH 8015M	mg/	′kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/02/2016	ND	199	99.3	200	0.885	
DRO >C10-C28	<10.0	10.0	06/02/2016	ND	206	103	200	0.711	
Surrogate: 1-Chlorooctane	45.0	% 35-147	7						
Surrogate: 1-Chlorooctadecane	62.0	% 28-171	,						

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/01/2016	Sampling Date:	05/20/2016
Reported:	06/06/2016	Sampling Type:	Soil
Project Name:	PANHEAD FEE #21H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

#### Sample ID: S4 - 2' (H601193-14)

BTEX 8021B	mg/	′kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/02/2016	ND	1.89	94.7	2.00	0.636	
Toluene*	<0.050	0.050	06/02/2016	ND	1.92	96.1	2.00	1.13	
Ethylbenzene*	<0.050	0.050	06/02/2016	ND	1.74	87.2	2.00	2.02	
Total Xylenes*	<0.150	0.150	06/02/2016	ND	5.53	92.2	6.00	0.809	
Total BTEX	<0.300	0.300	06/02/2016	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 73.6-14	0						
TPH 8015M	mg/	′kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/03/2016	ND	199	99.3	200	0.885	
DRO >C10-C28	<10.0	10.0	06/03/2016	ND	206	103	200	0.711	
Surrogate: 1-Chlorooctane	64.0	% 35-147	7						
Surrogate: 1-Chlorooctadecane	76.3	% 28-171	,						

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/01/2016	Sampling Date:	05/20/2016
Reported:	06/06/2016	Sampling Type:	Soil
Project Name:	PANHEAD FEE #21H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

#### Sample ID: S4 - 3' (H601193-15)

BTEX 8021B	mg,	′kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/02/2016	ND	1.89	94.7	2.00	0.636	
Toluene*	<0.050	0.050	06/02/2016	ND	1.92	96.1	2.00	1.13	
Ethylbenzene*	<0.050	0.050	06/02/2016	ND	1.74	87.2	2.00	2.02	
Total Xylenes*	<0.150	0.150	06/02/2016	ND	5.53	92.2	6.00	0.809	
Total BTEX	<0.300	0.300	06/02/2016	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.7	% 73.6-14	0						
TPH 8015M	mg/	′kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/02/2016	ND	199	99.3	200	0.885	
DRO >C10-C28	<10.0	10.0	06/02/2016	ND	206	103	200	0.711	
Surrogate: 1-Chlorooctane	56.8	% 35-147	7						
Surrogate: 1-Chlorooctadecane	75.1	% 28-171							

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/01/2016	Sampling Date:	05/20/2016
Reported:	06/06/2016	Sampling Type:	Soil
Project Name:	PANHEAD FEE #21H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

#### Sample ID: S4 - 4' (H601193-16)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/02/2016	ND	1.89	94.7	2.00	0.636	
Toluene*	<0.050	0.050	06/02/2016	ND	1.92	96.1	2.00	1.13	
Ethylbenzene*	<0.050	0.050	06/02/2016	ND	1.74	87.2	2.00	2.02	
Total Xylenes*	<0.150	0.150	06/02/2016	ND	5.53	92.2	6.00	0.809	
Total BTEX	<0.300	0.300	06/02/2016	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	73.6-14	0						
TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/02/2016	ND	199	99.3	200	0.885	
DRO >C10-C28	<10.0	10.0	06/02/2016	ND	206	103	200	0.711	
Surrogate: 1-Chlorooctane	59.8	% 35-147	,						
Surrogate: 1-Chlorooctadecane	81.2	% 28-171							

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/01/2016	Sampling Date:	05/20/2016
Reported:	06/06/2016	Sampling Type:	Soil
Project Name:	PANHEAD FEE #21H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

#### Sample ID: S5 - 1' (H601193-17)

BTEX 8021B	mg/	′kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/02/2016	ND	1.89	94.7	2.00	0.636	
Toluene*	<0.050	0.050	06/02/2016	ND	1.92	96.1	2.00	1.13	
Ethylbenzene*	<0.050	0.050	06/02/2016	ND	1.74	87.2	2.00	2.02	
Total Xylenes*	<0.150	0.150	06/02/2016	ND	5.53	92.2	6.00	0.809	
Total BTEX	<0.300	0.300	06/02/2016	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 73.6-14	0						
TPH 8015M	mg/	′kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/02/2016	ND	199	99.3	200	0.885	
DRO >C10-C28	<10.0	10.0	06/02/2016	ND	206	103	200	0.711	
Surrogate: 1-Chlorooctane	61.6	% 35-147	7						
Surrogate: 1-Chlorooctadecane	81.9	% 28-171							

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/01/2016	Sampling Date:	05/20/2016
Reported:	06/06/2016	Sampling Type:	Soil
Project Name:	PANHEAD FEE #21H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

#### Sample ID: S5 - 2' (H601193-18)

BTEX 8021B	mg/	′kg	Analyze	d By: CK					
Analyte	Result Reporting Limit		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/02/2016	ND	1.89	94.7	2.00	0.636	
Toluene*	<0.050	0.050	06/02/2016	ND	1.92	96.1	2.00	1.13	
Ethylbenzene*	<0.050	0.050	06/02/2016	ND	1.74	87.2	2.00	2.02	
Total Xylenes*	<0.150	0.150	06/02/2016	ND	5.53	92.2	6.00	0.809	
Total BTEX	<0.300	0.300	06/02/2016	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 73.6-14	0						
TPH 8015M	mg/	′kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/02/2016	ND	199	99.3	200	0.885	
DRO >C10-C28	<10.0	10.0	06/02/2016	ND	206	103	200	0.711	
Surrogate: 1-Chlorooctane	60.0	% 35-147	7						
Surrogate: 1-Chlorooctadecane	80.6	% 28-171	,						

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/01/2016	Sampling Date:	05/20/2016
Reported:	06/06/2016	Sampling Type:	Soil
Project Name:	PANHEAD FEE #21H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

#### Sample ID: S5 - 3' (H601193-19)

BTEX 8021B	mg/	′kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/02/2016	ND	1.89	94.7	2.00	0.636	
Toluene*	<0.050	0.050	06/02/2016	ND	1.92	96.1	2.00	1.13	
Ethylbenzene*	<0.050	0.050	06/02/2016	ND	1.74	87.2	2.00	2.02	
Total Xylenes*	<0.150	0.150	06/02/2016	ND	5.53	92.2	6.00	0.809	
Total BTEX	<0.300	0.300	06/02/2016	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.8	% 73.6-14	0						
TPH 8015M	mg/	′kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/02/2016	ND	199	99.3	200	0.885	
DRO >C10-C28	<10.0	10.0	06/02/2016	ND	206	103	200	0.711	
Surrogate: 1-Chlorooctane	47.4	% 35-147	7						
Surrogate: 1-Chlorooctadecane	63.6	% 28-171							

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/01/2016	Sampling Date:	05/20/2016
Reported:	06/06/2016	Sampling Type:	Soil
Project Name:	PANHEAD FEE #21H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

#### Sample ID: S5 - 4' (H601193-20)

BTEX 8021B	mg,	′kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/02/2016	ND	1.89	94.7	2.00	0.636	
Toluene*	<0.050	0.050	06/02/2016	ND	1.92	96.1	2.00	1.13	
Ethylbenzene*	<0.050	0.050	06/02/2016	ND	1.74	87.2	2.00	2.02	
Total Xylenes*	<0.150	0.150	06/02/2016	ND	5.53	92.2	6.00	0.809	
Total BTEX	<0.300	0.300	06/02/2016	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 73.6-14	0						
TPH 8015M	mg/	′kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/02/2016	ND	199	99.3	200	0.885	
DRO >C10-C28	<10.0	10.0	06/02/2016	ND	206	103	200	0.711	
Surrogate: 1-Chlorooctane	57.7	% 35-147	7						
Surrogate: 1-Chlorooctadecane	79.0	% 28-171							

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



#### **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.
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

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any daim 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 whatscever 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 those of use, or loss of profits incurred by client, its subsidiaries, affiliates or successor arising 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 approval of Cardinal Laboratories.

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

Page 22 of 27

Company Name:     COR Operating LLC     BILL TO       Project Manager:     Dakuta Neel     PO.#.     Company:     Color Operating LLC       Project Manager:     Dakuta Neel     State: NM     Zip     Romany:     Color Operating LLC       Project Manager:     Dakuta Neel     State: NM     Zip     Romany:     Color Operating LLC       Project Manager:     Dakuta Neel     Project Owner:     Project Neel     Projec
BILL TO   Robert McNeill 600 W llinois Midland   Cip: 79701   (432) 221-0388   5/20/16   5/20/16   8:00 AM   X   X   X   X   X   X   X   X   X   X   X   X   X   X   X   X   X   X   X    X
BILL TO   Robert McNeill 600 W llinois Midland   Cip: 79701   (432) 221-0388   5/20/16   5/20/16   8:00 AM   X   X   X   X   X   X   X   X   X   X   X   X   X   X   X   X   X   X   X    X
Image: Neill Millinois   Meill Millinois   Millinois Millinois   Billinois
Chloride

Delivered By: (Circle One) Sampler - UPS - Bus - Other	Relinquished By:	toniquisitor by.	analyses. All claims including those service. In no event shall Cardinal b affiliates or successors arising out of Relinguisched Ry:	PLEASE NOTE: Liability and Dama		5	=7	3.	٩	Lab I.D.	TOR LAB USE UNLY	Sampler Name:	Project Location:	Project Name: PAN			City: Artesia	ess:	Project Manager:	Company Name:	10
rcle One) s - Other:	Date		anayees, an 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 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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim		S3-4'	S3-31	S3-21	S3-1'	Sample I.D.		Dakota Neel		PANHEAD FEE #21h		(575) 748-6930 F		2208 West Main	Dakota Neel	(575) 393-2326 FAX (575) 393-2476 COG Operating LLC	1 East Marland Unter
5.20	Date:	1116	vhatsoever shall be de damages, including w ices hereunder by Car	clusive remedy for any											Project Owner:	Fax #:	State: NM			(575) 393-24	
1	Received By	Received By:	emed waived unless rithout limitation, busi dinal, regardless of v	claim arising whether						(G)RAB OR (C)OMF # CONTAINERS GROUNDWATER	Þ.						Zip			476	6 (
Sample Condition	× K	. ·	ess made in writing and i business interruptions, loo of whether such claim is	er based in contract o					-	WASTEWATER SOIL OIL SLUDGE	MATRIX						88210				
	ILMO	N N	received by Cardinal oss of use, or loss of p s based upon any of t	d in contract or tort, shall be limited to the amount baid by the client for th	X	. ×	×	×	1	OTHER : ACID/BASE: ICE / COOL OTHER :	PRESERV.	Fax #:	Phone #: (4	State: TX	City:	Address:	Attn:	Company:	P.O. #:		
CHECKED BY:	A C	•	ardinal within 30 days after completion of the loss of profits incurred by client, its subsidiarie any of the above stated reasons or otherwise.	to the amount paid	01/02/c	5/20/16	5/20/16	5/20/16		DATE	V. SAMPLING		Phone #: (432) 221-0388	Zip: 79701	Midland	600 W Illinois	Robert McNeill	COG Operating		BILL TO	
	dneel2@concho.com learrasco@concho.com atruiillo@concho.com	Phone Result: Fax Result:	completion of the ap ant, its subsidiaries, ons or otherwise.	by the client for the	8:00 AM	8:00 AM	8:00 AM	8:00 AM	-	TIME	NG			-		linois	Neill	ating LLC			
	ncho.com concho.co ncho.com	: □ Yes	applicable		×	-	+	-	+	зтех	_					-			-		
	з	I No							c	Chloride		7							_		
		Add'l Phone #: Add'l Fax #:																		ANAI VOIS	
																		18	NEWDEST	DECHECT	
											_								-		
_																					

| Sampler - UPS - B | Delivered By: (C                 | Relinquished By:  | affiliates or successors arising out   | PLEASE NOTE: Liability and Dar  |  
   
   | 0   | 2  | Iq  | 51   
   | Lab I.D.<br>HuQ1193   | FOR LAB USE ONLY  
   
   | Sampler Name:   | Project Location:  | Project Name: P/   | Project #:   | Phone #:   | City: Artesia   | Address: 2208   | Project Manager:  | Company Name:  | 1  |   
   |
|-------------------|----------------------------------|---|--|---
--
--
---|--|---
--
--|---
--
---|---|--|--|--|--|---|---|---|--
--|---|
| us - Other:       | ircle One)                       | Tiniq:<br>Date:<br>Time:  | I be liable for incidental or consequental dams<br>of or related to the performance of service   | nages. Cardinal's liability and client's exclusive  |  
   
   | S4-4'   | S4-3'  | S4-2'   | S4-1'  
   | Sample I.D.   |   
   
   | Dakota Neel   |  | ANHEAD FEE #21h  | Proje  | (575) 748-6930 Fax #   | Sta   | Vest Main   | Dakota Neel   | COG Operating LLC  | 01 East Marland, Hobbs<br>(575) 393-2326 FAX (57   | <b>ARDINAL</b><br>aboratories   
   |
| 5.20              |                                  | :50 Recei   | bever shall be deemed waiv<br>ages, including without limit<br>rereunder by Cardinal, rega   | e remedy for any claim arisi  |  
   
   |   |  |   |  
   | (G)RAB OR (C)OMP.<br># CONTAINERS   |   
   
   |   |  |  | ect Owner:   | #  | MN  |   |   |  | , NM 88240<br>'5) 393-2476   | <b>IAL</b>  
   |
| N.                | Sample Condit                    | ved By:   | ved unless made in writing ar<br>lation, business interruptions,<br>ardless of whether such claim  | ing whether based in contrac  |  
   
   |   |  |   |  
   | GROUNDWATER<br>WASTEWATER<br>SOIL<br>OIL  | MATRIX  
   
   |   |  |  |  |  | Jp 88210  |   |   |  |  |   
   |
| Initia            |                                  | linde   | d received by Cardinal with<br>loss of use, or loss of profit<br>is based upon any of the a  | t or tort, shall be limited to t  |  
   
   | ×   |  |   | ×  
   | OTHER :   | PRESERV.  
   
   | Fax #:  | Phone #: (432  | : TX   | City:  | Address:   |   |   | P.O. #:   | 8  |  |   
   |
|                   |                                  |   | in 30 days after completic<br>is incurred by client, its su<br>bove stated reasons or of   | he amount paid by the cli   |  
   
   |   |  |   | 5/20/16 8:00   
   |   | SAMPLING  
   
   | .) : 0000   |  | Zip: 79701   | Midland  | 600 W Illinois   | Robert McNeill  | COG Operating L   |   | LL TO  |  | 원   
   |
|                   |                                  | Result:<br>esult:<br>RKS:<br>2@conc<br>Sco@conc<br>lo@conc<br>lo@conc | on of the applica<br>bsidiaries,<br>herwise.   | ent for the   |  
   
   | -   |  |   |  
   |   |   
   
   |   |  |  | _  |  |   | Б   |   |  |  | AIN-O   
   |
|                   |                                  | □ Yes<br>□ Yes<br>ho.com<br>ho.com                                    | ble  |   |  
   
   |   |  |   | ×  
   | ТРН   |   
   
   |   |  | -  |  |  |   |   | -   |  |  | F-CL  
   |
|                   |                                  |   |  |   |  
   
   |   |  |   |  
   | Chloride  |   
   
   |   |  |  |  |  |   |   |   |  |  | JSTOD   
   |
|                   |                                  | Add'I Phone #:<br>Add'I Fax #:  |  |   |  
   
   |   |  |   |  
   |   |   
   
   |   |  |  |  |  |   |   |   |  |  | CHAIN-OF-CUSTODY AND ANALYSIS REQUEST   
   |
|                   | - Bus - Other: 5,20 Cool Intract | : (Circle One) Sample<br>- Bus - Other: 5,20 Cool<br>UYes             | Uarter, Time, 1:00   Received By:   Phone Result:   Yes   No     Time, 1:00   Date:   Received By:   Mutual With Mark S:   Remarks:   No     Date:   Time:   Received By:   Received By:   Interaction Checker By:   Interaction Checker By:   Interaction Checker By:     (Circle One)   5, 20   Sample Condition Checker By:   Cool Infract   Intraks)     Bus - Other:   5, 20   Sample Condition Checker By:   Checker By:     No   No   No   No | Universe of regulational analysis without imitation, business interruptions, loss of used by Cardinal within 30 days after completion of the applicable<br>card of or related to the performance of services hereurdier by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.     card of or related to the performance of services hereurdier by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.     card of or related to the performance of services hereurdier by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.     Date:   Pate:   Received By:     Time:   Pate:   Received By:     Date:   Received By:   Inneel2@concho.com     ICircle One)   Sample Condition   CHECKED BY:     Bus - Other:   5, 2, 2   Sample Condition   CHECKED BY:     Innet:   No   No   No | Damages. Cardinal's lability and client's exclusive remedy for any claim naising whether based in contract or tot, shall be limited to the amount paid by the client for the three of rengingenes and any other cause whatsooreer shall be deemed waived unless made in writing and rescised by Cardinal within 30 days after completion of the applicable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incourted by Cardinal, regardless of Writing and rescised by Cardinal within 30 days after completion of the applicable data of relations.     Cut of or related to the performance of services hereureder by Cardinal, regardless of Writing and rescised by Cardinal within 30 days after completion of the applicable sections.     Cut of or related to the performance of services hereureder by Cardinal within 30 days after completion of the applicable.     Cut of or related to the performance of services hereureder by Cardinal within 30 days after completion of the applicable.     Darte:   Parter:     Darte:   Darte:     Darte:   Darte:     Darte:   Phone Result:     Darte:   Phone Result:     Darte:   No     Darte:   Phone Result:     Darte:   No     Darte:   No     Darte:   No     Darte:   No     Darte:   No     Darte:   No     Darte:   No <td>Dumages. Cardinal's liability and client's exclusive remerly for any dam axis whether based in contract or total.   Images. Cardinal's liability and client's exclusive remerly for any dam axis whether based in contract or total.   Images. Cardinal's liability and client's exclusive remerly for any dam axis whether based in contract or total.   Images. Cardinal's liability and client's exclusive remerly for any dam axis whether based in contract or total.   Images. Cardinal's liability and client's exclusive remerly for any dam axis whether based in contract or total.   Images. Cardinal's liability and client's exclusive remerly for any dam axis whether such client exclusive remerly for any dam axis whether such client exclusive remerly for any dam axis whether such client is liabed by the client explicit in completion of the approximate and remerly and whether such client is liabed and whether axis of portis incorrect by client.   Image: Cardinal's liability and client's exclusive remerly for any dam axis whether such client is liabed and whether axis of portis incorrect by client.   Image: Cardinal's exclusive remerly for any dam axis whether such client is liabed and up and in completion of the axis or dise.     India of related to the performance of exclusive result of the line of portis incorrect and results.   Image: Cardinal's line of portis incorrect and results.   Image: Cardinal's line of portis incorrect and results.     Image: Data or related to the performance of exclusive result of the above stated fract.   Image: Cardinal's line of portis incorrect and results.   Image: Cardinal's line of portis incorrect and results.     Image: Data or related to the performance of exclusine result.   Image: Cardinal or the above stated resu</td> <td>S4.4'   X   5/20/16   8:00 AM   X   X     Dumages. Caultains's liability and client's suchaive remedy for any client analy whether hand in control or the Alah by hinde to the amount part by the client for the tradical by index class whatsoever shall be desired by whether hand in control or the Alah by hinde to the amount part by the client for the tradical by index clients whatsoever shall be desired by Cardinal within 30 days after completion of the applicable curve by Cardinal within 50 days after completion of the applicable curve by Cardinal within 50 days after completion of the applicable curve by Cardinal within 50 days after completion of the applicable.   X</td> <td>S4-3'   X   S/20/16   8:00 AM   X   X     S4-4'   X   S/20/16   8:00 AM   X   X     Damges. Carina's liakly and clerifs exclusive remely for whither based in contract or tric, stall be introd to the amount paid by the clerif to the demond univer univer interpretion of the amount paid by the clerif to the demond univer univer interpretions of the amount paid by the clerif to the demond univer univer interpretion of the amount paid by the clerif to the amount paid by th</td> <td>S4-2'   I<td>S4-1'     S120/16     S120/16</td><td>Sample I.D. Sample I.D.   S411 (G)RAB OR (C)OMP.   S422 (G)RAB OR (C)OMP.   S433 (G)RAB OR (C)OMP.   S447 (G)RAB OR (C)OMP.   No (G)RAB OR (C)OMP.   No<!--</td--><td>Sample I.D. MATRX PRESERV<br/>SAMPLING SAMPLING   S4-11 (G)RAB OR (C)OMP. (G)RAB OR (C)OMP. (G)RAB OR (C)OMP.   S4-21 (G)RAB OR (C)OMP. (G)RAB OR (C)OMP. (G)RAB OR (C)OMP.   S4-21 (G)RAB OR (C)OMP. (G)RAB OR (C)OMP. (G)RAB OR (C)OMP.   S4-21 (G)RAB OR (C)OMP. (G)RAB OR (C)OMP. (G)RAB OR (C)OMP.   S4-21 (G)RAB OR (C)OMP. (G)RAB OR (C)OMP. (G)RAB OR (C)OMP.   S4-21 (G)RAB OR (C)OMP. (G)RAB OR (C)OMP. (G)RAB OR (C)OMP.   S4-21 (G)RAB OR (C)OMP. (G)RAB OR (C)OMP. (G)RAB OR (M)   S4-21 (G)RAB OR (C)OMP. (G)RAB OR (M) (G)RAB OR (M)   S4-31 (G)RAB OR (C)OMP. (G)RAB OR (M) (G)RAB OR (M)   S4-41 (G)RAB OR (M) (G)RAB OR (M) (G)RAB OR (M)   Thus (G)RAB OR (M) (G)RAB OR (M) (G)RAB OR (M)   S4-41 (G)RAB OR (M) (G)RAB OR (M) (G)RAB OR (M)   S4-41 (G)RAB OR (M) (G)RAB OR (M) (G)RAB OR (M)   S4-41 (G)RAB OR (M) (G)RAB OR (M) (G)RAB OR (M)   S4-41 (G)RAB OR (M) (G)RAB OR (M) (G)RAB OR (M)   S4-41 (G)RAB OR (M) (G)RAB OR (M) (G)RAB OR (M)</td><td>Dalkota Neel     Fax #:     For Start     For Start       Sample I.D.     MITRX     PRESERV     SANPLING       S4-11     G(G)PAB OR (C)OMP.     G(G)PAB OR (C)OMP.     TIME     TIME       S4-21     G(G)PAB OR (C)OMP.     G(G)PAB OR (C)OMP.     TIME     TIME     TIME       S4-22     G(G)PAB OR (C)OMP.     G(G)PAB OR (C)OMP.     TIME     TIME     TIME       S4-32     I     G(G)PAB OR (C)OMP.     G(G)PAB OR (C)OMP.     TIME     TIME     TIME     TIME       S4-41     I     G(G)PAB OR (C)OMP.     G(G)PAB OR (C)OMP.     TIME     TIME     TIPH       S4-42     I     I     G(G)PAB OR (C)OMP.     S20/16     8:00 AM     X     X     S20/16     8:00 AM     X     X     S20/16     8:00 AM     X     X     I     I     X</td><td>Prime     Phone #: (432) 221-0388       Dakota Neel     Fax #:       Pake II.D.     PRESERV     Sample I.D.       S4-1<sup>-1</sup>     (G)RAB OR (C)OMP.     PRESERV     SMPLNG       S4-2<sup>-1</sup>     (G)RAB OR (C)OMP.     # CONTAINERS     TIME       S4-2<sup>-1</sup>     (G)RAB OR (C)OMP.     # CONTAINERS     SMPL       S4-4<sup>-1</sup>     (G)RAB OR (C)OMM.     X X     SOIL     SUDORE       S4-4<sup>-1</sup>     (G)RAB OR (C)OMM.     X X     SOUL     SUDORE     SUDORE       S4-4<sup>-1</sup>     (G)RAB OR (C)OMM.     X X     SOUL     SUDORE     SUDORE     SUDORE       S4-4<sup>-1</sup>     (G)RAB OR (C)OMM.     X X</td><td>PANHEAD FEE #21h     State: TX     Zip: 79701       N:     Phone #: (432) 221-0388       Dakota Neel     Fax #:       Dakota Neel     Fax #:       Sample I.D.     Rax #:       Sample I.D.     Rax #:       State:     Time:       S4-11     (G)(ARB OR (C)(OMP.)       S4-22     (G)(ARB OR (C)(OMP.)       S4-32     (G)(ARB OR (C)(OMP.)       S4-42     (G)(ARB OR (C)(OMP.)       S4-43     (G)(ARB OR (C)(OMR.)       S4-43     (G)(ARB OR (C)(C)(OMR.)       S4-43     (G)(ARB OR (C)(C)(OR (C)(C)(C)(C)(C)(C)(C)(C)(C)(C)(C)(C)(C)(</td><td>Project Owner:     City:     Milland       Dakola Neel     State: TX     Zip: 79701       Dakola Neel     Fax #:     Zip: 79701       Dakola Neel     Fax #:     Zip: 79701       Dakola Neel     Fax #:     Zip: 79701       Sample LD.     Fax #:     Fax #:     Fax #:       Dakola Neel     Fax #:     Fax #:     Fax #:       Dakola Neel     Fax #:     Fax #:     Fax #:       Dakola Neel     Fax #:     Fax #:     Fax #:       S4-11:     GROUNDWATEER     GROUNDWATEER     S201/6     BOARE       S4-2:     S4-3:     S201/6     BOARE     Fax #:     S201/6     BOO AM     X     X     S</td><td>(ST5) 748-6930     Fax #:     Address:     EON Illinois       PANHEAD FEE #21h     Fige: 00 W Illinois     Maland       Pannel:     City:     Maland       Dakota Neel     Fige: 79701     State: TX     Zip: 79701       Pannel:     State: TX     Zip: 79701     Phone #: (42) 21:038       Dakota Neel     Fige: 7001     Fige: 79701     Phone #: (42) 21:038       Sample I.D.     Rig: 0000     Rig: 000000000000000000000000000000000000</td><td>State: NM     Zip     88210     Attr:     Robert Mohell       PANHEAD FEE #21h     Finited Commer:     City:     Miding       Dakota Neel     Finited Commer:     State: TX     Zip: 79701       N:     Bardenes:     600 Willings     Finited Commer:     State: TX     Zip: 79701       N:     Bardenes:     State: TX     Zip: 79701     Finited Commer:     State: TX     Zip: 79701       N:     Bardenes:     State: TX     Zip: 79701     Finited Commer:     State: TX     Zip: 79701       N:     Bardenes:     State: TX     Zip: 79701     Finited Commer:     State: TX     Zip: 79701       N:     Bardenes:     Git Reserve:     State: TX     Zip: 79701     State: TX     Zip: 79701       Sample LD.     City: C</td><td>Bitte: NM     Zip     Rotat: NM     Zip     Rotat: NM     Zip     Rotat: NM     Robert McNeil       (575) 746-0930     Fax #:     Nome     Maind     Maind       PANHEAD FEE #21h     File (Minic)     Robert McNeil     Robert McNeil     Robert McNeil       Dakota Neel     Forget Owner:     Robert McNeil     Robert McNeil     Robert McNeil       Sample LD.     Sample LD.     Robert McNeil     Robert McNeil     Robert McNeil       S4-11'     Robert McNeil     Robert McNeil     Robert McNeil     Robert McNeil       S4-12'     GI ONT File MCN     PRESERV     Sample LD.     Note # McNeil     Robert McNeil       S4-12'     GI ROD NNDWATEER     Solul     DATE     TIME     EX       S4-12'     GI ROD NNDWATEER     Solul     DATE     TIME     EX       S4-12'     GI ROD NNDWATER     Solul     DATE     TIME     EX       S4-12'     GI ROD NNDWATER     Solul     DATE     TIME     EX       S4-12'     GI ROD NNDWATER     Solul     DATE     TIME     EX</td><td>Pr. Delkola Ived PO.#.   6West Main State: INI Zip 82:10 Ktm:: Company: Cold Operating LLC   F75] 748-6830 Fax #: Address: 60 Willing Address: 60 Willing   PNMEEAD FEE #Z1h Address: 60 Willing State: TX_Zip: 79701 Phone #: (K2) / 21:4388   Dakota Ived Fax #: Fax #: Fax #: Fax #: Fax #:   Sample LD. For RESERV Samplus Fax #: Fax #: Fax #:   Sample LD. Fax #: Fax #: Fax #: Fax #: Fax #:   Sample LD. Fax #: Fax #: Fax #: Fax #: Fax #:   Sample LD. Fax #: Fax #: Fax #: Fax #: Fax #:   Sample LD. Fax #: Fax #: Fax #: Fax #: Fax #:   Sample Control total point of the fax #: Fax #: SciDi G Fax #: Fax #:   Sample Control total point of the fax #: Fax #: SciDi G Fax #: Fax #:   Sample Control total point of the fax #: Fax #: SciDi G Fax #: Fax #:   Sample Control total point of the fax #: Fax #: SciDi G Fax #: Fax #:   Sample Control total poi</td><td>BitL TO     BitL TO       R:     Dakita Neel     FO. #:     Company: Col Operating LLC       (75) 748-6930     Fax #:     Reprint Col Operating LLC     Address: 600 Willinoit       PANHEAD FEE #21h     Fax #:     Char Maind     Reprint Col Operating LLC     Reprint Col Operating LLC       PANHEAD FEE #21h     Fax #:     Char Maind     Reprint Col Operating LLC     Reprint</td><td>Into Last Marland, Hobbs, NM. 88240     BILL TO     AMA_YSIS       17:     Dakota Niel     P.O. #:     Company:     COG Operating LLC     P.O. #:       17:     Dakota Niel     Nat:     National Niel     P.O. #:     Company:     COG Operating LLC     P.O. #:       16:75:     T-040800     Fax #:     Robert NM     Company:     COG Operating LLC     National Niel     National Niel</td></td></td> | Dumages. Cardinal's liability and client's exclusive remerly for any dam axis whether based in contract or total.   Images. Cardinal's liability and client's exclusive remerly for any dam axis whether based in contract or total.   Images. Cardinal's liability and client's exclusive remerly for any dam axis whether based in contract or total.   Images. Cardinal's liability and client's exclusive remerly for any dam axis whether based in contract or total.   Images. Cardinal's liability and client's exclusive remerly for any dam axis whether based in contract or total.   Images. Cardinal's liability and client's exclusive remerly for any dam axis whether such client exclusive remerly for any dam axis whether such client exclusive remerly for any dam axis whether such client is liabed by the client explicit in completion of the approximate and remerly and whether such client is liabed and whether axis of portis incorrect by client.   Image: Cardinal's liability and client's exclusive remerly for any dam axis whether such client is liabed and whether axis of portis incorrect by client.   Image: Cardinal's exclusive remerly for any dam axis whether such client is liabed and up and in completion of the axis or dise.     India of related to the performance of exclusive result of the line of portis incorrect and results.   Image: Cardinal's line of portis incorrect and results.   Image: Cardinal's line of portis incorrect and results.     Image: Data or related to the performance of exclusive result of the above stated fract.   Image: Cardinal's line of portis incorrect and results.   Image: Cardinal's line of portis incorrect and results.     Image: Data or related to the performance of exclusine result.   Image: Cardinal or the above stated resu | S4.4'   X   5/20/16   8:00 AM   X   X     Dumages. Caultains's liability and client's suchaive remedy for any client analy whether hand in control or the Alah by hinde to the amount part by the client for the tradical by index class whatsoever shall be desired by whether hand in control or the Alah by hinde to the amount part by the client for the tradical by index clients whatsoever shall be desired by Cardinal within 30 days after completion of the applicable curve by Cardinal within 50 days after completion of the applicable curve by Cardinal within 50 days after completion of the applicable curve by Cardinal within 50 days after completion of the applicable.   X | S4-3'   X   S/20/16   8:00 AM   X   X     S4-4'   X   S/20/16   8:00 AM   X   X     Damges. Carina's liakly and clerifs exclusive remely for whither based in contract or tric, stall be introd to the amount paid by the clerif to the demond univer univer interpretion of the amount paid by the clerif to the demond univer univer interpretions of the amount paid by the clerif to the demond univer univer interpretion of the amount paid by the clerif to the amount paid by th | S4-2'   I <td>S4-1'     S120/16     S120/16</td> <td>Sample I.D. Sample I.D.   S411 (G)RAB OR (C)OMP.   S422 (G)RAB OR (C)OMP.   S433 (G)RAB OR (C)OMP.   S447 (G)RAB OR (C)OMP.   No (G)RAB OR (C)OMP.   No<!--</td--><td>Sample I.D. MATRX PRESERV<br/>SAMPLING SAMPLING   S4-11 (G)RAB OR (C)OMP. (G)RAB OR (C)OMP. (G)RAB OR (C)OMP.   S4-21 (G)RAB OR (C)OMP. (G)RAB OR (C)OMP. (G)RAB OR (C)OMP.   S4-21 (G)RAB OR (C)OMP. (G)RAB OR (C)OMP. (G)RAB OR (C)OMP.   S4-21 (G)RAB OR (C)OMP. (G)RAB OR (C)OMP. (G)RAB OR (C)OMP.   S4-21 (G)RAB OR (C)OMP. (G)RAB OR (C)OMP. (G)RAB OR (C)OMP.   S4-21 (G)RAB OR (C)OMP. (G)RAB OR (C)OMP. (G)RAB OR (C)OMP.   S4-21 (G)RAB OR (C)OMP. (G)RAB OR (C)OMP. (G)RAB OR (M)   S4-21 (G)RAB OR (C)OMP. (G)RAB OR (M) (G)RAB OR (M)   S4-31 (G)RAB OR (C)OMP. (G)RAB OR (M) (G)RAB OR (M)   S4-41 (G)RAB OR (M) (G)RAB OR (M) (G)RAB OR (M)   Thus (G)RAB OR (M) (G)RAB OR (M) (G)RAB OR (M)   S4-41 (G)RAB OR (M) (G)RAB OR (M) (G)RAB OR (M)   S4-41 (G)RAB OR (M) (G)RAB OR (M) (G)RAB OR (M)   S4-41 (G)RAB OR (M) (G)RAB OR (M) (G)RAB OR (M)   S4-41 (G)RAB OR (M) (G)RAB OR (M) (G)RAB OR (M)   S4-41 (G)RAB OR (M) (G)RAB OR (M) (G)RAB OR (M)</td><td>Dalkota Neel     Fax #:     For Start     For Start       Sample I.D.     MITRX     PRESERV     SANPLING       S4-11     G(G)PAB OR (C)OMP.     G(G)PAB OR (C)OMP.     TIME     TIME       S4-21     G(G)PAB OR (C)OMP.     G(G)PAB OR (C)OMP.     TIME     TIME     TIME       S4-22     G(G)PAB OR (C)OMP.     G(G)PAB OR (C)OMP.     TIME     TIME     TIME       S4-32     I     G(G)PAB OR (C)OMP.     G(G)PAB OR (C)OMP.     TIME     TIME     TIME     TIME       S4-41     I     G(G)PAB OR (C)OMP.     G(G)PAB OR (C)OMP.     TIME     TIME     TIPH       S4-42     I     I     G(G)PAB OR (C)OMP.     S20/16     8:00 AM     X     X     S20/16     8:00 AM     X     X     S20/16     8:00 AM     X     X     I     I     X</td><td>Prime     Phone #: (432) 221-0388       Dakota Neel     Fax #:       Pake II.D.     PRESERV     Sample I.D.       S4-1<sup>-1</sup>     (G)RAB OR (C)OMP.     PRESERV     SMPLNG       S4-2<sup>-1</sup>     (G)RAB OR (C)OMP.     # CONTAINERS     TIME       S4-2<sup>-1</sup>     (G)RAB OR (C)OMP.     # CONTAINERS     SMPL       S4-4<sup>-1</sup>     (G)RAB OR (C)OMM.     X X     SOIL     SUDORE       S4-4<sup>-1</sup>     (G)RAB OR (C)OMM.     X X     SOUL     SUDORE     SUDORE       S4-4<sup>-1</sup>     (G)RAB OR (C)OMM.     X X     SOUL     SUDORE     SUDORE     SUDORE       S4-4<sup>-1</sup>     (G)RAB OR (C)OMM.     X X</td><td>PANHEAD FEE #21h     State: TX     Zip: 79701       N:     Phone #: (432) 221-0388       Dakota Neel     Fax #:       Dakota Neel     Fax #:       Sample I.D.     Rax #:       Sample I.D.     Rax #:       State:     Time:       S4-11     (G)(ARB OR (C)(OMP.)       S4-22     (G)(ARB OR (C)(OMP.)       S4-32     (G)(ARB OR (C)(OMP.)       S4-42     (G)(ARB OR (C)(OMP.)       S4-43     (G)(ARB OR (C)(OMR.)       S4-43     (G)(ARB OR (C)(C)(OMR.)       S4-43     (G)(ARB OR (C)(C)(OR (C)(C)(C)(C)(C)(C)(C)(C)(C)(C)(C)(C)(C)(</td><td>Project Owner:     City:     Milland       Dakola Neel     State: TX     Zip: 79701       Dakola Neel     Fax #:     Zip: 79701       Dakola Neel     Fax #:     Zip: 79701       Dakola Neel     Fax #:     Zip: 79701       Sample LD.     Fax #:     Fax #:     Fax #:       Dakola Neel     Fax #:     Fax #:     Fax #:       Dakola Neel     Fax #:     Fax #:     Fax #:       Dakola Neel     Fax #:     Fax #:     Fax #:       S4-11:     GROUNDWATEER     GROUNDWATEER     S201/6     BOARE       S4-2:     S4-3:     S201/6     BOARE     Fax #:     S201/6     BOO AM     X     X     S</td><td>(ST5) 748-6930     Fax #:     Address:     EON Illinois       PANHEAD FEE #21h     Fige: 00 W Illinois     Maland       Pannel:     City:     Maland       Dakota Neel     Fige: 79701     State: TX     Zip: 79701       Pannel:     State: TX     Zip: 79701     Phone #: (42) 21:038       Dakota Neel     Fige: 7001     Fige: 79701     Phone #: (42) 21:038       Sample I.D.     Rig: 0000     Rig: 000000000000000000000000000000000000</td><td>State: NM     Zip     88210     Attr:     Robert Mohell       PANHEAD FEE #21h     Finited Commer:     City:     Miding       Dakota Neel     Finited Commer:     State: TX     Zip: 79701       N:     Bardenes:     600 Willings     Finited Commer:     State: TX     Zip: 79701       N:     Bardenes:     State: TX     Zip: 79701     Finited Commer:     State: TX     Zip: 79701       N:     Bardenes:     State: TX     Zip: 79701     Finited Commer:     State: TX     Zip: 79701       N:     Bardenes:     State: TX     Zip: 79701     Finited Commer:     State: TX     Zip: 79701       N:     Bardenes:     Git Reserve:     State: TX     Zip: 79701     State: TX     Zip: 79701       Sample LD.     City: C</td><td>Bitte: NM     Zip     Rotat: NM     Zip     Rotat: NM     Zip     Rotat: NM     Robert McNeil       (575) 746-0930     Fax #:     Nome     Maind     Maind       PANHEAD FEE #21h     File (Minic)     Robert McNeil     Robert McNeil     Robert McNeil       Dakota Neel     Forget Owner:     Robert McNeil     Robert McNeil     Robert McNeil       Sample LD.     Sample LD.     Robert McNeil     Robert McNeil     Robert McNeil       S4-11'     Robert McNeil     Robert McNeil     Robert McNeil     Robert McNeil       S4-12'     GI ONT File MCN     PRESERV     Sample LD.     Note # McNeil     Robert McNeil       S4-12'     GI ROD NNDWATEER     Solul     DATE     TIME     EX       S4-12'     GI ROD NNDWATEER     Solul     DATE     TIME     EX       S4-12'     GI ROD NNDWATER     Solul     DATE     TIME     EX       S4-12'     GI ROD NNDWATER     Solul     DATE     TIME     EX       S4-12'     GI ROD NNDWATER     Solul     DATE     TIME     EX</td><td>Pr. Delkola Ived PO.#.   6West Main State: INI Zip 82:10 Ktm:: Company: Cold Operating LLC   F75] 748-6830 Fax #: Address: 60 Willing Address: 60 Willing   PNMEEAD FEE #Z1h Address: 60 Willing State: TX_Zip: 79701 Phone #: (K2) / 21:4388   Dakota Ived Fax #: Fax #: Fax #: Fax #: Fax #:   Sample LD. For RESERV Samplus Fax #: Fax #: Fax #:   Sample LD. Fax #: Fax #: Fax #: Fax #: Fax #:   Sample LD. Fax #: Fax #: Fax #: Fax #: Fax #:   Sample LD. Fax #: Fax #: Fax #: Fax #: Fax #:   Sample LD. Fax #: Fax #: Fax #: Fax #: Fax #:   Sample Control total point of the fax #: Fax #: SciDi G Fax #: Fax #:   Sample Control total point of the fax #: Fax #: SciDi G Fax #: Fax #:   Sample Control total point of the fax #: Fax #: SciDi G Fax #: Fax #:   Sample Control total point of the fax #: Fax #: SciDi G Fax #: Fax #:   Sample Control total poi</td><td>BitL TO     BitL TO       R:     Dakita Neel     FO. #:     Company: Col Operating LLC       (75) 748-6930     Fax #:     Reprint Col Operating LLC     Address: 600 Willinoit       PANHEAD FEE #21h     Fax #:     Char Maind     Reprint Col Operating LLC     Reprint Col Operating LLC       PANHEAD FEE #21h     Fax #:     Char Maind     Reprint Col Operating LLC     Reprint</td><td>Into Last Marland, Hobbs, NM. 88240     BILL TO     AMA_YSIS       17:     Dakota Niel     P.O. #:     Company:     COG Operating LLC     P.O. #:       17:     Dakota Niel     Nat:     National Niel     P.O. #:     Company:     COG Operating LLC     P.O. #:       16:75:     T-040800     Fax #:     Robert NM     Company:     COG Operating LLC     National Niel     National Niel</td></td> | S4-1'     S120/16     S120/16 | Sample I.D. Sample I.D.   S411 (G)RAB OR (C)OMP.   S422 (G)RAB OR (C)OMP.   S433 (G)RAB OR (C)OMP.   S447 (G)RAB OR (C)OMP.   No </td <td>Sample I.D. MATRX PRESERV<br/>SAMPLING SAMPLING   S4-11 (G)RAB OR (C)OMP. (G)RAB OR (C)OMP. (G)RAB OR (C)OMP.   S4-21 (G)RAB OR (C)OMP. (G)RAB OR (C)OMP. (G)RAB OR (C)OMP.   S4-21 (G)RAB OR (C)OMP. (G)RAB OR (C)OMP. (G)RAB OR (C)OMP.   S4-21 (G)RAB OR (C)OMP. (G)RAB OR (C)OMP. (G)RAB OR (C)OMP.   S4-21 (G)RAB OR (C)OMP. (G)RAB OR (C)OMP. (G)RAB OR (C)OMP.   S4-21 (G)RAB OR (C)OMP. (G)RAB OR (C)OMP. (G)RAB OR (C)OMP.   S4-21 (G)RAB OR (C)OMP. (G)RAB OR (C)OMP. (G)RAB OR (M)   S4-21 (G)RAB OR (C)OMP. (G)RAB OR (M) (G)RAB OR (M)   S4-31 (G)RAB OR (C)OMP. (G)RAB OR (M) (G)RAB OR (M)   S4-41 (G)RAB OR (M) (G)RAB OR (M) (G)RAB OR (M)   Thus (G)RAB OR (M) (G)RAB OR (M) (G)RAB OR (M)   S4-41 (G)RAB OR (M) (G)RAB OR (M) (G)RAB OR (M)   S4-41 (G)RAB OR (M) (G)RAB OR (M) (G)RAB OR (M)   S4-41 (G)RAB OR (M) (G)RAB OR (M) (G)RAB OR (M)   S4-41 (G)RAB OR (M) (G)RAB OR (M) (G)RAB OR (M)   S4-41 (G)RAB OR (M) (G)RAB OR (M) (G)RAB OR (M)</td> <td>Dalkota Neel     Fax #:     For Start     For Start       Sample I.D.     MITRX     PRESERV     SANPLING       S4-11     G(G)PAB OR (C)OMP.     G(G)PAB OR (C)OMP.     TIME     TIME       S4-21     G(G)PAB OR (C)OMP.     G(G)PAB OR (C)OMP.     TIME     TIME     TIME       S4-22     G(G)PAB OR (C)OMP.     G(G)PAB OR (C)OMP.     TIME     TIME     TIME       S4-32     I     G(G)PAB OR (C)OMP.     G(G)PAB OR (C)OMP.     TIME     TIME     TIME     TIME       S4-41     I     G(G)PAB OR (C)OMP.     G(G)PAB OR (C)OMP.     TIME     TIME     TIPH       S4-42     I     I     G(G)PAB OR (C)OMP.     S20/16     8:00 AM     X     X     S20/16     8:00 AM     X     X     S20/16     8:00 AM     X     X     I     I     X</td> <td>Prime     Phone #: (432) 221-0388       Dakota Neel     Fax #:       Pake II.D.     PRESERV     Sample I.D.       S4-1<sup>-1</sup>     (G)RAB OR (C)OMP.     PRESERV     SMPLNG       S4-2<sup>-1</sup>     (G)RAB OR (C)OMP.     # CONTAINERS     TIME       S4-2<sup>-1</sup>     (G)RAB OR (C)OMP.     # CONTAINERS     SMPL       S4-4<sup>-1</sup>     (G)RAB OR (C)OMM.     X X     SOIL     SUDORE       S4-4<sup>-1</sup>     (G)RAB OR (C)OMM.     X X     SOUL     SUDORE     SUDORE       S4-4<sup>-1</sup>     (G)RAB OR (C)OMM.     X X     SOUL     SUDORE     SUDORE     SUDORE       S4-4<sup>-1</sup>     (G)RAB OR (C)OMM.     X X</td> <td>PANHEAD FEE #21h     State: TX     Zip: 79701       N:     Phone #: (432) 221-0388       Dakota Neel     Fax #:       Dakota Neel     Fax #:       Sample I.D.     Rax #:       Sample I.D.     Rax #:       State:     Time:       S4-11     (G)(ARB OR (C)(OMP.)       S4-22     (G)(ARB OR (C)(OMP.)       S4-32     (G)(ARB OR (C)(OMP.)       S4-42     (G)(ARB OR (C)(OMP.)       S4-43     (G)(ARB OR (C)(OMR.)       S4-43     (G)(ARB OR (C)(C)(OMR.)       S4-43     (G)(ARB OR (C)(C)(OR (C)(C)(C)(C)(C)(C)(C)(C)(C)(C)(C)(C)(C)(</td> <td>Project Owner:     City:     Milland       Dakola Neel     State: TX     Zip: 79701       Dakola Neel     Fax #:     Zip: 79701       Dakola Neel     Fax #:     Zip: 79701       Dakola Neel     Fax #:     Zip: 79701       Sample LD.     Fax #:     Fax #:     Fax #:       Dakola Neel     Fax #:     Fax #:     Fax #:       Dakola Neel     Fax #:     Fax #:     Fax #:       Dakola Neel     Fax #:     Fax #:     Fax #:       S4-11:     GROUNDWATEER     GROUNDWATEER     S201/6     BOARE       S4-2:     S4-3:     S201/6     BOARE     Fax #:     S201/6     BOO AM     X     X     S</td> <td>(ST5) 748-6930     Fax #:     Address:     EON Illinois       PANHEAD FEE #21h     Fige: 00 W Illinois     Maland       Pannel:     City:     Maland       Dakota Neel     Fige: 79701     State: TX     Zip: 79701       Pannel:     State: TX     Zip: 79701     Phone #: (42) 21:038       Dakota Neel     Fige: 7001     Fige: 79701     Phone #: (42) 21:038       Sample I.D.     Rig: 0000     Rig: 000000000000000000000000000000000000</td> <td>State: NM     Zip     88210     Attr:     Robert Mohell       PANHEAD FEE #21h     Finited Commer:     City:     Miding       Dakota Neel     Finited Commer:     State: TX     Zip: 79701       N:     Bardenes:     600 Willings     Finited Commer:     State: TX     Zip: 79701       N:     Bardenes:     State: TX     Zip: 79701     Finited Commer:     State: TX     Zip: 79701       N:     Bardenes:     State: TX     Zip: 79701     Finited Commer:     State: TX     Zip: 79701       N:     Bardenes:     State: TX     Zip: 79701     Finited Commer:     State: TX     Zip: 79701       N:     Bardenes:     Git Reserve:     State: TX     Zip: 79701     State: TX     Zip: 79701       Sample LD.     City: C</td> <td>Bitte: NM     Zip     Rotat: NM     Zip     Rotat: NM     Zip     Rotat: NM     Robert McNeil       (575) 746-0930     Fax #:     Nome     Maind     Maind       PANHEAD FEE #21h     File (Minic)     Robert McNeil     Robert McNeil     Robert McNeil       Dakota Neel     Forget Owner:     Robert McNeil     Robert McNeil     Robert McNeil       Sample LD.     Sample LD.     Robert McNeil     Robert McNeil     Robert McNeil       S4-11'     Robert McNeil     Robert McNeil     Robert McNeil     Robert McNeil       S4-12'     GI ONT File MCN     PRESERV     Sample LD.     Note # McNeil     Robert McNeil       S4-12'     GI ROD NNDWATEER     Solul     DATE     TIME     EX       S4-12'     GI ROD NNDWATEER     Solul     DATE     TIME     EX       S4-12'     GI ROD NNDWATER     Solul     DATE     TIME     EX       S4-12'     GI ROD NNDWATER     Solul     DATE     TIME     EX       S4-12'     GI ROD NNDWATER     Solul     DATE     TIME     EX</td> <td>Pr. Delkola Ived PO.#.   6West Main State: INI Zip 82:10 Ktm:: Company: Cold Operating LLC   F75] 748-6830 Fax #: Address: 60 Willing Address: 60 Willing   PNMEEAD FEE #Z1h Address: 60 Willing State: TX_Zip: 79701 Phone #: (K2) / 21:4388   Dakota Ived Fax #: Fax #: Fax #: Fax #: Fax #:   Sample LD. For RESERV Samplus Fax #: Fax #: Fax #:   Sample LD. Fax #: Fax #: Fax #: Fax #: Fax #:   Sample LD. Fax #: Fax #: Fax #: Fax #: Fax #:   Sample LD. Fax #: Fax #: Fax #: Fax #: Fax #:   Sample LD. Fax #: Fax #: Fax #: Fax #: Fax #:   Sample Control total point of the fax #: Fax #: SciDi G Fax #: Fax #:   Sample Control total point of the fax #: Fax #: SciDi G Fax #: Fax #:   Sample Control total point of the fax #: Fax #: SciDi G Fax #: Fax #:   Sample Control total point of the fax #: Fax #: SciDi G Fax #: Fax #:   Sample Control total poi</td> <td>BitL TO     BitL TO       R:     Dakita Neel     FO. #:     Company: Col Operating LLC       (75) 748-6930     Fax #:     Reprint Col Operating LLC     Address: 600 Willinoit       PANHEAD FEE #21h     Fax #:     Char Maind     Reprint Col Operating LLC     Reprint Col Operating LLC       PANHEAD FEE #21h     Fax #:     Char Maind     Reprint Col Operating LLC     Reprint</td> <td>Into Last Marland, Hobbs, NM. 88240     BILL TO     AMA_YSIS       17:     Dakota Niel     P.O. #:     Company:     COG Operating LLC     P.O. #:       17:     Dakota Niel     Nat:     National Niel     P.O. #:     Company:     COG Operating LLC     P.O. #:       16:75:     T-040800     Fax #:     Robert NM     Company:     COG Operating LLC     National Niel     National Niel</td> | Sample I.D. MATRX PRESERV<br>SAMPLING SAMPLING   S4-11 (G)RAB OR (C)OMP. (G)RAB OR (C)OMP. (G)RAB OR (C)OMP.   S4-21 (G)RAB OR (C)OMP. (G)RAB OR (C)OMP. (G)RAB OR (C)OMP.   S4-21 (G)RAB OR (C)OMP. (G)RAB OR (C)OMP. (G)RAB OR (C)OMP.   S4-21 (G)RAB OR (C)OMP. (G)RAB OR (C)OMP. (G)RAB OR (C)OMP.   S4-21 (G)RAB OR (C)OMP. (G)RAB OR (C)OMP. (G)RAB OR (C)OMP.   S4-21 (G)RAB OR (C)OMP. (G)RAB OR (C)OMP. (G)RAB OR (C)OMP.   S4-21 (G)RAB OR (C)OMP. (G)RAB OR (C)OMP. (G)RAB OR (M)   S4-21 (G)RAB OR (C)OMP. (G)RAB OR (M) (G)RAB OR (M)   S4-31 (G)RAB OR (C)OMP. (G)RAB OR (M) (G)RAB OR (M)   S4-41 (G)RAB OR (M) (G)RAB OR (M) (G)RAB OR (M)   Thus (G)RAB OR (M) (G)RAB OR (M) (G)RAB OR (M)   S4-41 (G)RAB OR (M) (G)RAB OR (M) (G)RAB OR (M)   S4-41 (G)RAB OR (M) (G)RAB OR (M) (G)RAB OR (M)   S4-41 (G)RAB OR (M) (G)RAB OR (M) (G)RAB OR (M)   S4-41 (G)RAB OR (M) (G)RAB OR (M) (G)RAB OR (M)   S4-41 (G)RAB OR (M) (G)RAB OR (M) (G)RAB OR (M) | Dalkota Neel     Fax #:     For Start     For Start       Sample I.D.     MITRX     PRESERV     SANPLING       S4-11     G(G)PAB OR (C)OMP.     G(G)PAB OR (C)OMP.     TIME     TIME       S4-21     G(G)PAB OR (C)OMP.     G(G)PAB OR (C)OMP.     TIME     TIME     TIME       S4-22     G(G)PAB OR (C)OMP.     G(G)PAB OR (C)OMP.     TIME     TIME     TIME       S4-32     I     G(G)PAB OR (C)OMP.     G(G)PAB OR (C)OMP.     TIME     TIME     TIME     TIME       S4-41     I     G(G)PAB OR (C)OMP.     G(G)PAB OR (C)OMP.     TIME     TIME     TIPH       S4-42     I     I     G(G)PAB OR (C)OMP.     S20/16     8:00 AM     X     X     S20/16     8:00 AM     X     X     S20/16     8:00 AM     X     X     I     I     X | Prime     Phone #: (432) 221-0388       Dakota Neel     Fax #:       Pake II.D.     PRESERV     Sample I.D.       S4-1 <sup>-1</sup> (G)RAB OR (C)OMP.     PRESERV     SMPLNG       S4-2 <sup>-1</sup> (G)RAB OR (C)OMP.     # CONTAINERS     TIME       S4-2 <sup>-1</sup> (G)RAB OR (C)OMP.     # CONTAINERS     SMPL       S4-4 <sup>-1</sup> (G)RAB OR (C)OMM.     X X     SOIL     SUDORE       S4-4 <sup>-1</sup> (G)RAB OR (C)OMM.     X X     SOUL     SUDORE     SUDORE       S4-4 <sup>-1</sup> (G)RAB OR (C)OMM.     X X     SOUL     SUDORE     SUDORE     SUDORE       S4-4 <sup>-1</sup> (G)RAB OR (C)OMM.     X X | PANHEAD FEE #21h     State: TX     Zip: 79701       N:     Phone #: (432) 221-0388       Dakota Neel     Fax #:       Dakota Neel     Fax #:       Sample I.D.     Rax #:       Sample I.D.     Rax #:       State:     Time:       S4-11     (G)(ARB OR (C)(OMP.)       S4-22     (G)(ARB OR (C)(OMP.)       S4-32     (G)(ARB OR (C)(OMP.)       S4-42     (G)(ARB OR (C)(OMP.)       S4-43     (G)(ARB OR (C)(OMR.)       S4-43     (G)(ARB OR (C)(C)(OMR.)       S4-43     (G)(ARB OR (C)(C)(OR (C)(C)(C)(C)(C)(C)(C)(C)(C)(C)(C)(C)(C)( | Project Owner:     City:     Milland       Dakola Neel     State: TX     Zip: 79701       Dakola Neel     Fax #:     Zip: 79701       Dakola Neel     Fax #:     Zip: 79701       Dakola Neel     Fax #:     Zip: 79701       Sample LD.     Fax #:     Fax #:     Fax #:       Dakola Neel     Fax #:     Fax #:     Fax #:       Dakola Neel     Fax #:     Fax #:     Fax #:       Dakola Neel     Fax #:     Fax #:     Fax #:       S4-11:     GROUNDWATEER     GROUNDWATEER     S201/6     BOARE       S4-2:     S4-3:     S201/6     BOARE     Fax #:     S201/6     BOO AM     X     X     S | (ST5) 748-6930     Fax #:     Address:     EON Illinois       PANHEAD FEE #21h     Fige: 00 W Illinois     Maland       Pannel:     City:     Maland       Dakota Neel     Fige: 79701     State: TX     Zip: 79701       Pannel:     State: TX     Zip: 79701     Phone #: (42) 21:038       Dakota Neel     Fige: 7001     Fige: 79701     Phone #: (42) 21:038       Sample I.D.     Rig: 0000     Rig: 000000000000000000000000000000000000 | State: NM     Zip     88210     Attr:     Robert Mohell       PANHEAD FEE #21h     Finited Commer:     City:     Miding       Dakota Neel     Finited Commer:     State: TX     Zip: 79701       N:     Bardenes:     600 Willings     Finited Commer:     State: TX     Zip: 79701       N:     Bardenes:     State: TX     Zip: 79701     Finited Commer:     State: TX     Zip: 79701       N:     Bardenes:     State: TX     Zip: 79701     Finited Commer:     State: TX     Zip: 79701       N:     Bardenes:     State: TX     Zip: 79701     Finited Commer:     State: TX     Zip: 79701       N:     Bardenes:     Git Reserve:     State: TX     Zip: 79701     State: TX     Zip: 79701       Sample LD.     City: C | Bitte: NM     Zip     Rotat: NM     Zip     Rotat: NM     Zip     Rotat: NM     Robert McNeil       (575) 746-0930     Fax #:     Nome     Maind     Maind       PANHEAD FEE #21h     File (Minic)     Robert McNeil     Robert McNeil     Robert McNeil       Dakota Neel     Forget Owner:     Robert McNeil     Robert McNeil     Robert McNeil       Sample LD.     Sample LD.     Robert McNeil     Robert McNeil     Robert McNeil       S4-11'     Robert McNeil     Robert McNeil     Robert McNeil     Robert McNeil       S4-12'     GI ONT File MCN     PRESERV     Sample LD.     Note # McNeil     Robert McNeil       S4-12'     GI ROD NNDWATEER     Solul     DATE     TIME     EX       S4-12'     GI ROD NNDWATEER     Solul     DATE     TIME     EX       S4-12'     GI ROD NNDWATER     Solul     DATE     TIME     EX       S4-12'     GI ROD NNDWATER     Solul     DATE     TIME     EX       S4-12'     GI ROD NNDWATER     Solul     DATE     TIME     EX | Pr. Delkola Ived PO.#.   6West Main State: INI Zip 82:10 Ktm:: Company: Cold Operating LLC   F75] 748-6830 Fax #: Address: 60 Willing Address: 60 Willing   PNMEEAD FEE #Z1h Address: 60 Willing State: TX_Zip: 79701 Phone #: (K2) / 21:4388   Dakota Ived Fax #: Fax #: Fax #: Fax #: Fax #:   Sample LD. For RESERV Samplus Fax #: Fax #: Fax #:   Sample LD. Fax #: Fax #: Fax #: Fax #: Fax #:   Sample LD. Fax #: Fax #: Fax #: Fax #: Fax #:   Sample LD. Fax #: Fax #: Fax #: Fax #: Fax #:   Sample LD. Fax #: Fax #: Fax #: Fax #: Fax #:   Sample Control total point of the fax #: Fax #: SciDi G Fax #: Fax #:   Sample Control total point of the fax #: Fax #: SciDi G Fax #: Fax #:   Sample Control total point of the fax #: Fax #: SciDi G Fax #: Fax #:   Sample Control total point of the fax #: Fax #: SciDi G Fax #: Fax #:   Sample Control total poi | BitL TO     BitL TO       R:     Dakita Neel     FO. #:     Company: Col Operating LLC       (75) 748-6930     Fax #:     Reprint Col Operating LLC     Address: 600 Willinoit       PANHEAD FEE #21h     Fax #:     Char Maind     Reprint Col Operating LLC     Reprint Col Operating LLC       PANHEAD FEE #21h     Fax #:     Char Maind     Reprint Col Operating LLC     Reprint | Into Last Marland, Hobbs, NM. 88240     BILL TO     AMA_YSIS       17:     Dakota Niel     P.O. #:     Company:     COG Operating LLC     P.O. #:       17:     Dakota Niel     Nat:     National Niel     P.O. #:     Company:     COG Operating LLC     P.O. #:       16:75:     T-040800     Fax #:     Robert NM     Company:     COG Operating LLC     National Niel     National Niel |

김, 영웅, 여행, 영양, 영양, 가지가 가지 않는

s. Please fax written	Sampler - UPS - B	Delivered By: (Circle One)	Relinquished By:	Relinquished By:	analyses. All claims including the service. In no event shall Cardina	PLEASE NOTE: Liability and Dar	3	2	, o.	8	11	Lab I.D.	FUR LAB USE UNLY	Sampler Name:	Project Location:	Project Name: P/	Project #:	Phone #:	City: Artesia	Address: 2208	Project Manager:	Company Name:	1	
s. Please fax written changes to 575-393-2476	Bus - Other:	Sircle One)		lated to the performance of services hereu	egligence and any other cause whatsoever le for incidental or consequental damages	mages. Cardhal's liability and client's exclusive rem	ى 4	05 4	SF-31	SZ-01	S5-1'	Sample I.D.		Dakota Neel		PANHEAD FEE #21h	Project Owner:	(575) 748-6930 Fax #:	State: NM	2208 West Main	Dakota Neel	COG Operating LLC	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476	aborator
- r	5.20 Good Intact	Sample Condition	PD UOU	nder by Cardinal, regardless of whether such claim is be Received By:	shall be deemed waived unless made in or shall be deemed waived unless made in write including without limitation, business interrup							(G)RAB OR (C)OMF # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	MATRIX				Owner:		NM Zip 88210				IM 88240 393-2476	ries
A-12	(Initials	ndition CHECKED BY:	Junson R	claim is based upon any of the above stated reaso	cry or any communication when the client for the client for the client for the client for the shall be deemed when durings made in writing and received by Cardinal within 30 days after completion of the investigation of the client for the client for the client for the client for the client of		x 5/20/16		5/20/16	91/02/C		SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	IX PRESERV. SAMPLING	Fax #:	Phone #: (432) 221-0388	State: TX Zip: 79701	City: Midland	Address: 600 W Illinois	Attn:	Company: COG Operating LLC	P.O. #:	BILL TO		
			ich on on	Ŧ	y the client for the ompletion of the applicable tt. its subsidiaries		8:00 AM X	8:00 AM X	-	-	T	TIME	IG					nois	leill	ting LLC				CHAIN-OF
							×	×	×	×	+	TPH									_			-CUSTODY
			Add'l Fax #:	Add' Dhone #.																		ANALYSIS REQUEST		CHAIN-OF-CUSTODY AND ANALYSIS REQUEST
																								UEST

Page 27 of 27