RECEIVED

By Kellie Jones at 8:48 am, Jan 26, 2016



Site Description							
Site Name:	NHU 24-342						
Company:	Oxy Permian Ltd.						
Legal Description:	U/L F, Section 25, T18S, R37E						
County:	Lea County, NM						
GPS Coordinates:	N 32.72122° W 103.20383°						

Release Data							
Date of Release:	05/10/2015						
Type of Release:	Produced water						
Source of Release:	Corrosion of 4" steel injection trunk line						
Volume of Release:	145 bbls						
Volume Recovered:	45 bbls						

Remediation Specifications								
Remediation Parameters:	Excavate the entire spill area to a depth of 1 foot. Excavate the areas around SP1, SP5, SP6, & SP7 to a depth of 2.5 ft. Backfill the site with clean soil.							
Remediation Activities:	01/05/2016 to 01/19/2016							

Plan Sent to OCD:	07/27/2015	Email from Cliff Brunson to Kellie Jones
OCD Approval of Plan:	08/05/2015	Email from Kellie Jones to Cliff Brunson
Plan Sent to BLM:	n/a	n/a
BLM Approval of Plan:	n/a	n/a

Supporting Documentation							
Initial C-141	Signed 06/23/2015						
Final C-141	Signed 01/21/2016						
Site Diagram	July 2015						
Groundwater Plot	<50'						
TOPO Maps	July 2015						
Lab Summary	06/30/2015-07/01/2015						
Lab Analysis	06/30/2015-07/01/2015						
Correspondence	Request and approval of remediation plan via email						

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. 01/21/2016

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

State of New Mexico Energy Minerals and Natural Resources

Revised August 8, 2011

Form C-141

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

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

			Rele	ease Notific	catior	and Co	orrective A	ction					
						OPERATOR Initial Report Final Re						Final Rep	or
Name of Co		Oxy Permia				Contact Tony Aguilar							_
		tanolind Roa	ad	 		Telephone 1							
Facility Nat	me NHU	J 24-342				Facility Typ	e Injection T	runk Line	e				
Surface Ow	ner			Mineral (Owner				API No	. 30-025	-290	62	
				LOCA	ATION	OF RE	LEASE						
Unit Letter	Section	Township	Range	Feet from the	North/	South Line	Feet from the	East/We	st Line	County			
F	25	185	37E							Lea Count	iy. NN	4	
			I	Latitude N 32.7	2122°	Longitu	de <u>W 103.2038</u>	3°					
				NAT	TURE	OF RELI	EASE						
Type of Rele		uced water				Volume of	Release 145 bl	ols \	Volume F	Recovered	45 b	bls	_
			of a 4" ste	el injection trunk	line		lour of Occurrenc @ 10:30 am			Hour of Dis	cover	у	
Was Immedia	ate Notice (Yes [No Not Re	equired	If YES, To Tomas Obe	Whom? erding- NMOCD	via email o	on 05/10	/2015			
By Whom?	Tony Agu						lour 05/10/2015						_
Was a Water	course Reac	hed?	_			If YES, Vo	lume Impacting t	he Waterc	ourse.				_
			Yes 🗵] No									
If a Watercou	rse was Im	pacted, Descri	be Fully.*	k									_
Describe Cau	se of Proble	em and Remed	dial Action	Taken.*					_				
A 4" steel line	a leaked du	e to internal o	orrosion e	oucing 145 bbls o	fmaoduo	ad matauta 1		.1 4			4		
and as of 05/2	28/2015 the	line is being i	epaired of	ausnig 145 bbis o r replaced.	i produce	ed water to it	eak onto the grour	id. A vacı	um truc	k recovered	45 bb	ols of water	
				•									
Describe Area	Affected a	and Cleanup A	ction Tak	en.*							_		
The area affect	eted is appre	oximately 110)' x 325' o	n location. Reme	ediation v	will be compl	leted in accordance	e with a re	emediatio	on nlan annr	oved	by NMOCD	
I hereby certif	fy that the in	nformation gi	ven above	is true and comp	lete to th	e best of my	knowledge and ur	nderstand	that purs	uant to NM	OCD:	rules and	_
public health	or the envir	are required to	report an	d/or tile certain re	elease no	tifications an	nd perform correct orked as "Final Re	tive action	s for rele	ases which	may e	endanger	
snould their o	perations ha	ave failed to a	dequately	investigate and re	emediate	contamination	on that pose a thre	eat to group	nd water	surface wa	ter hi	uman health	
or the environ	ment. In ac	ddition, NMO	CD accept	tance of a C-141	report do	es not relieve	the operator of r	esponsibil	ity for co	mpliance w	ith an	y other	
federal, state,	or local law	s and/or regu	lations.						,				
							OIL CONS	<u>SERVA</u>	TION	DIVISIO	N		
Signature:	my	L CRU											
Printed Name: Tony Aguilar					pproved by I	Environmental Sp	ecialist:						
		gunai											_
Title: HES	Specialist_				A	Approval Date: Expiration			oiration E	Date:			
E-mail Addres	ss: Raym	ond_aguilar@	oxy.com		c	onditions of	Approval:			Attached			
Date: 6 -	23-1	′5 [—]	Phone:	(575) 397-825	1					Attached [_]			
Attach Additi	onal Shee	ts If Necessa	rv	(313) 371-023	1								
			J.										

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

State of New Mexico Energy Minerals and Natural Resources

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

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

Release Notification and Corrective Action

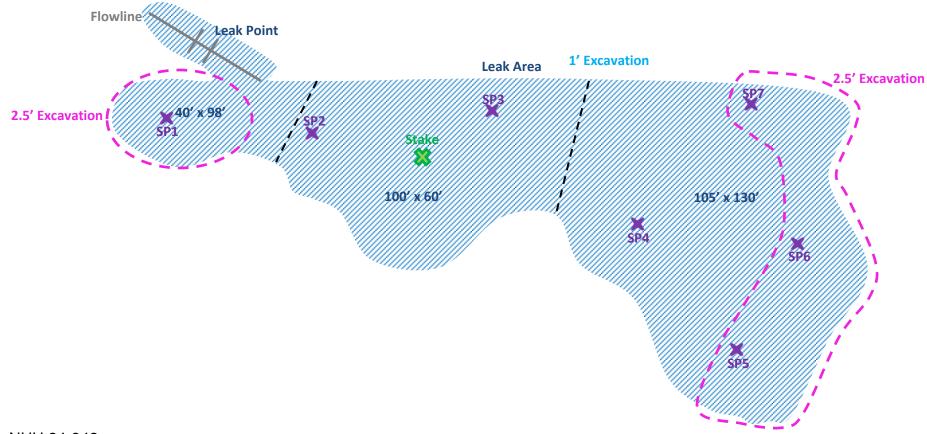
Form C-141 Revised August 8, 2011

						OPERA?	TOR		☐ Initia	al Report	\boxtimes	Final Repor	
	Name of Company Oxy Permian					Contact Tony Aguilar							
							Telephone No. (575) 397-8251						
Facility Na	Facility Name NHU 24-342						Facility Type Injection Trunk Line						
Surface Ow	ner			Mineral O	wner		1		API No	. 30-025	5-2906	2	
				LOCA	TIO	N OF REI	LEASE						
Unit Letter	Section	Township	Range	Feet from the		/South Line	Feet from the	Fact/	West Line	County			
	County												
F	25	185	37E	-4'4 l- N 22 76	21222	T	1 111 100 000	43.00		Lea Coun	ıy, NM	<u> </u>	
			ı	Latitude N 32.72		_	ide <u>W 103.2038</u>	33°					
Type of Rele	ase Prod	uced water		NAI	UKE	OF RELI		ble	Volume R	Dagasianad	45 bbl	la	
			of a 4" ste	el injection trunk	line		lour of Occurrence			Hour of Dis			
						05/10/2015	@ 10:30 am						
Was Immedia	ate Notice (Yes [No Not Re	auired	If YES, To	Whom? erding- NMOCD	uio omo	il on 05/10	/2016			
By Whom?	Tony Ag	uilar, Oxy		THO THE NOTICE	quireu					2013			
Was a Water							lour 05/10/201: olume Impacting t			-			
			Yes 🛚	No					21000100.				
If a Watercou	rse was Im	pacted, Descri	ibe Fully.*									<u> </u>	
Describe Cau	se of Probl	em and Remed	dial Action	Taken.*									
A 4" steel lin	e leaked du	e to internal c	orrosion ca	ausing 145 bbls of	produc	ced water to le	eak onto the group	nd Av	acııım truc	k recovered	45 bbl	c of water	
and as of 05/2	28/2015 the	line is being	repaired or	replaced.	produc		an onto the groun	ita. At v	acount (tuc)	K recovered	75 001	s of water	
Describe Are	Δ ffected :	and Cleanup A	otion Tak	an *						_			
		-											
The area affe	ted is appr	oximately 110)' x 325' o	n location. Remed	diation	was complete	d in accordance v	with the	remediation	n plan appro	oved by	Kellie Jones	
of NMOCD v	ia email on	08/05/2015.											
I hereby certi	fy that the i	nformation gi	ven above	is true and comple	ete to tl	he best of my	knowledge and u	nderstar	nd that purs	uant to NM	OCD rı	ıles and	
regulations al	l operators	are required to	report an	d/or file certain re	lease n	otifications an	d perform correct	tive acti	ons for rele	ases which	may en	idanoer	
should their o	or the envii perations h	onment. The ave failed to a	acceptance dequately	e of a C-141 repor investigate and re	rt by the	e NMOCD ma	arked as "Final Re	eport" d	oes not reli	eve the oper	ator of	liability	
or the enviror	iment. In a	ddition, NMO	CD accept	ance of a C-141 re	eport d	oes not relieve	e the operator of r	esponsi	bility for ec	, surrace wa omnliance w	iter, nui vith ans	man nealth other	
federal, state,	or local lav	vs and/or regu	lations.										
							OIL CONS	<u>SERV</u>	ATION	<u>DIVISIO</u>	<u>N</u>		
Signature	Signature: Mel Carolin												
_// 8						Approved by I	Environmental Sp	pecialist	:				
Printed Name	: Tony A	guilar	_	· · · · · · · · · · · · · · · · · · ·									
Title: HES	Specialist					Approval Date	2:	_ E	Expiration I	Date:			
E-mail Addre	ss: Ravm	ond_aguilar@	ON V COM			Conditions of Approval:							
			. UN J.COIII		— ('	Conditions Of	whhioser			Attached			
	21-1		Phone:	(575) 397-8251						<u></u>			
* Attach Addit	ional Shee	ts If Necessa	ıry										



Оху

NHU 24-342



Oxy, NHU 24-342

U/L F, Section 25, T18S, 37E

Lea County, NM

N 32.72122° W 103.20383°

API# 30-025-29062

BBC International, Inc.

_	<i>-</i> ^y
NHU	24-342

Date: 07/01/2015	DRWG by: K. Purvis
NOT TO SCALE	File: Oxy 2015



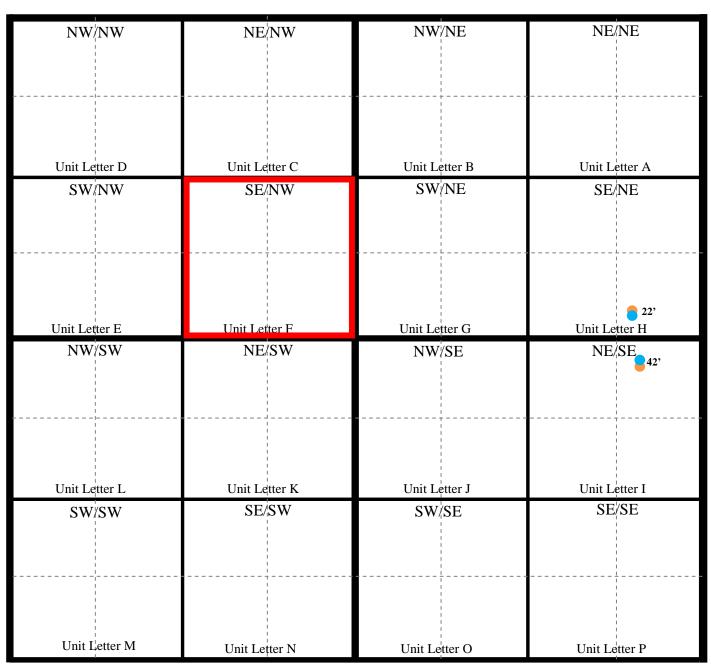
Section Quarters

Oxy NHU 24-342

CountyUnit LetterSectionTownshipRangeLeaF2518S37E

Trend Map <50'

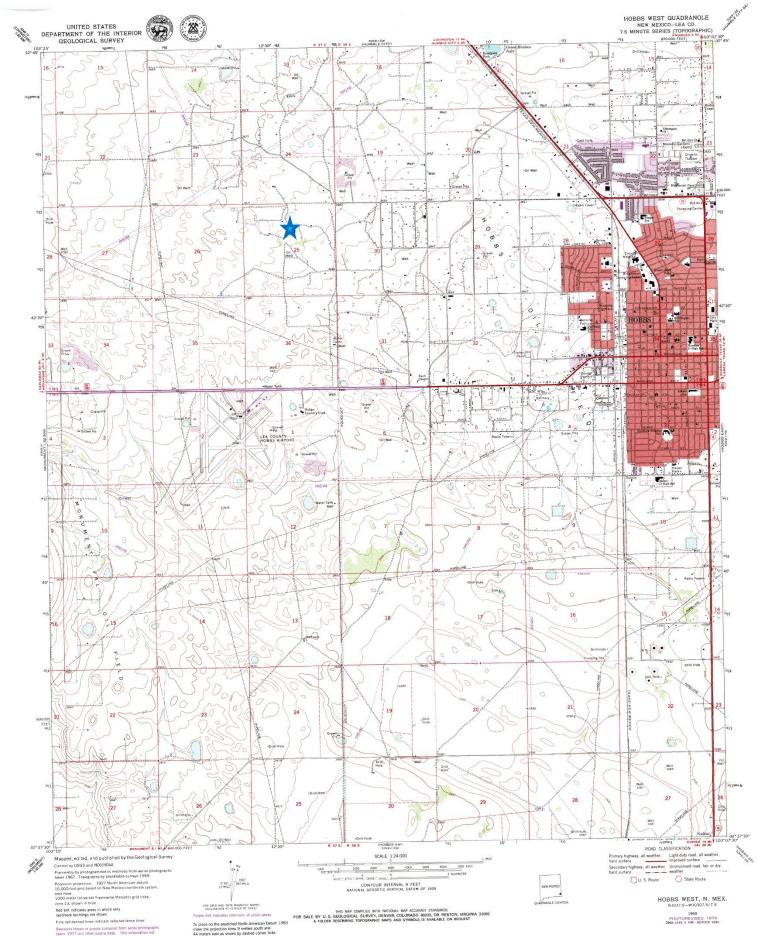
1



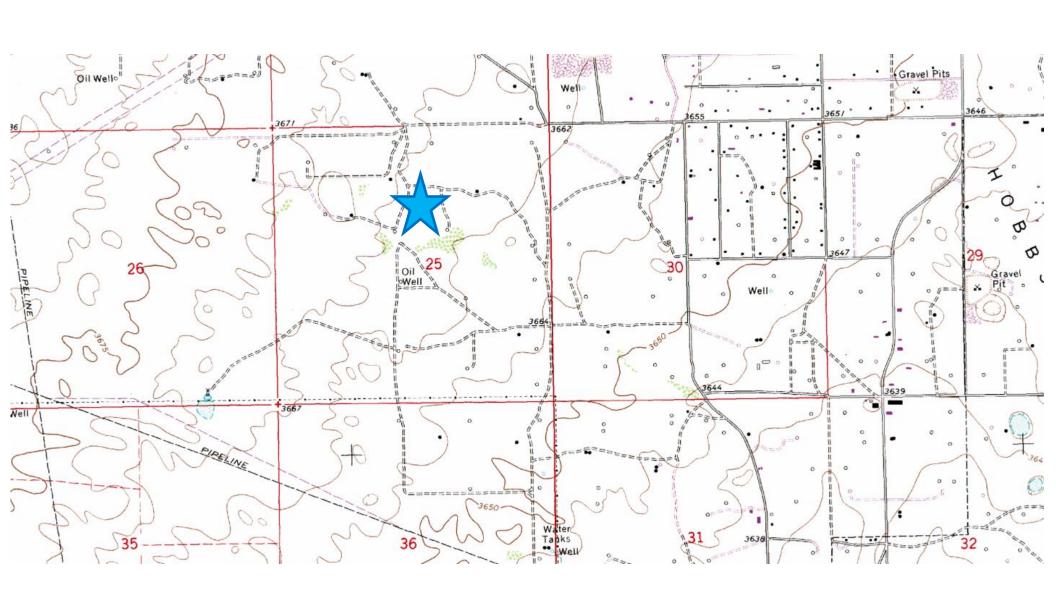
3

Oxy

NHU 24-342



Oxy NHU 24-342



Laboratory Analytical Results Summary NHU 24-342

1	1		-						
		Sample	SP1 @ SURFACE	SP1 @ 1'	SP1 @ 2'	SP1 @ 3'	SP1 @ 4'	SP1 @ 5'	SP1 @ 8'
Analyte	Method	Date	6/30/15	6/30/15	6/30/15	6/30/15	6/30/15	6/30/15	6/30/15
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500CI-B		3000	640	912	832	544	576	96
		Sample	SP2 @ SURFACE	SP2 @ 1'	SP2 @ 2'	SP2 @ 3'	SP2 @ 4'	SP2 @ 5'	SP2 @ 7'
Analyte	Method	Date	6/30/15	6/30/15	6/30/15	6/30/15	6/30/15	6/30/15	6/30/15
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500CI-B		2160	624	656	736	816	624	112
			•			•			
		Sample	SP3 @ SURFACE	SP3 @ 1'	SP3 @ 2'	SP3 @ 3'	SP3 @ 4'	SP3 @ 5'	SP3 @ 6'
Analyte	Method	Date	7/1/15	7/1/15	7/1/15	7/1/15	7/1/15	7/1/15	7/1/15
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500CI-B		624	560	656	800	784	640	160
		Sample	SP4 @ SURFACE	SP4 @ 1'	SP4 @ 2'	SP4 @ 3'	SP4 @ 4'	SP4 @ 5'	SP4 @ 6'
Analyte	Method	Date	7/1/15	7/1/15	7/1/15	7/1/15	7/1/15	7/1/15	7/1/15
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500CI-B		752	704	816	736	864	832	96
		Sample	SP5 @ SURFACE	SP5 @ 1'	SP5 @ 2'	SP5 @ 3'	SP5 @ 4'	SP5 @ 5'	SP5 @ 6'
Analyte	Method	Date	7/1/15	7/1/15	7/1/15	7/1/15	7/1/15	7/1/15	7/1/15
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500CI-B		512	432	960	784	752	880	32
		Sample	SP6 @ SURFACE	SP6 @ 1'	SP6 @ 2'	SP6 @ 3'	SP6 @ 4'	SP6 @ 5'	SP6 @ 6'
Analyte	Method	Date	7/1/15	7/1/15	7/1/15	7/1/15	7/1/15	7/1/15	7/1/15
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500CI-B		560	544	944	880	848	864	160
		Sample	SP7 @ SURFACE	SP7 @ 1'	SP7 @ 2'	SP7 @ 3'	SP7 @ 4'	SP7 @ 5'	SP7 @ 6'
Analyte	Method	Date	7/1/15	7/1/15	7/1/15	7/1/15	7/1/15	7/1/15	7/1/15
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500CI-B		864	560	912	768	784	880	80



July 09, 2015

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: NHU 24-342

Enclosed are the results of analyses for samples received by the laboratory on 07/02/15 15:24.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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.

Lope S. Moreno

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,

Hope S. Moreno For Celey D. Keene

Lab Director/Quality Manager



BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 07/02/2015

Reported: 07/09/2015 Project Name: NHU 24-342

NONE GIVEN

Project Location: NOT GIVEN

Sampling Date: 06/30/2015

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Jodi Henson

Sample ID: SP1 @ SURFACE (H501705-01)

Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3000	16.0	07/08/2015	ND	416	104	400	3.77	

Sample ID: SP1 @ 1' (H501705-02)

Project Number:

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	ng Limit Analyzed Metl		BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	07/08/2015	ND	416	104	400	3.77	

Sample ID: SP1 @ 2' (H501705-03)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	912	16.0	07/08/2015	ND	416	104	400	3.77	

Sample ID: SP1 @ 3' (H501705-04)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	832	16.0	07/08/2015	ND	416	104	400	3.77	

Cardinal Laboratories *=Accredited Analyte

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BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 07/02/2015

Reported: 07/09/2015

Project Name: NHU 24-342
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 06/30/2015

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Jodi Henson

Sample ID: SP1 @ 4' (H501705-05)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	07/08/2015	ND	416	104	400	3.77	

Sample ID: SP1 @ 5' (H501705-06)

Chloride, SM4500Cl-B	B mg/kg			d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	07/08/2015	ND	416	104	400	3.77	

Sample ID: SP1 @ 8' (H501705-07)

Chloride, SM4500Cl-B	mg/	/kg	Analyze						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	07/08/2015	ND	416	104	400	3.77	

Sample ID: SP2 @ SURFACE (H501705-08)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2160	16.0	07/08/2015	ND	416	104	400	3.77	

Sample ID: SP2 @ 1' (H501705-09)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	07/08/2015	ND	416	104	400	3.77	

Cardinal Laboratories *=Accredited Analyte

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BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 07/02/2015

Reported: 07/09/2015

Project Name: NHU 24-342
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 06/30/2015

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Jodi Henson

Sample ID: SP2 @ 2' (H501705-10)

Chloride, SM4500Cl-B	mg	/kg	Analyze	Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	07/08/2015	ND	416	104	400	3.77	

Sample ID: SP2 @ 3' (H501705-11)

Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	736	16.0	07/08/2015	ND	416	104	400	3.77	

Sample ID: SP2 @ 4' (H501705-12)

Chloride, SM4500Cl-B	/kg	Analyze	d By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	816	16.0	07/08/2015	ND	416	104	400	3.77	

Sample ID: SP2 @ 5' (H501705-13)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	07/08/2015	ND	416	104	400	3.77	

Sample ID: SP2 @ 7' (H501705-14)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	07/08/2015	ND	416	104	400	3.77	

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Stope S. Moreno



BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 07/02/2015

Reported: 07/09/2015

Project Name: NHU 24-342
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 07/01/2015

Sampling Type: Soil

Sampling Condition: *** (See Notes)
Sample Received By: Jodi Henson

Sample ID: S3 @ SURFACE (H501705-15)

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

Analyte Result Reporting Limit Analyzed Method Blank % Recovery True Value QC RPD Qualifier Chloride 16.0 07/08/2015 ND 416 104 400 3.77 624

Sample ID: SP3 @ 1' (H501705-16)

Chloride, SM4500Cl-B	mg/kg		Analyzed By: AP							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	560	16.0	07/08/2015	ND	416	104	400	3 77		

Sample ID: SP3 @ 2' (H501705-17)

Chloride, SM4500Cl-B	mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	07/08/2015	ND	416	104	400	3.77	

Sample ID: SP3 @ 3' (H501705-18)

Chloride, SM4500Cl-B mg/kg		Analyze	d By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	800	16.0	07/08/2015	ND	416	104	400	3.77	

Sample ID: SP3 @ 4' (H501705-19)

Chloride, SM4500CI-B	mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	784	16.0	07/08/2015	ND	416	104	400	3.77	

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Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 07/02/2015

Reported: 07/09/2015

Project Name: NHU 24-342
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 07/01/2015

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Jodi Henson

Sample ID: SP3 @ 5' (H501705-20)

Chloride, SM4500CI-B	mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	07/08/2015	ND	416	104	400	3.77	

Sample ID: SP3 @ 6' (H501705-21)

Chloride, SM4500Cl-B	mg/kg		Analyze	Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	07/08/2015	ND	432	108	400	3.77	

Sample ID: SP4 @ SURFACE (H501705-22)

Chloride, SM4500Cl-B	mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	752	16.0	07/08/2015	ND	432	108	400	3.77	

Sample ID: SP4 @ 1' (H501705-23)

Chloride, SM4500Cl-B mg/kg		Analyze	d By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	704	16.0	07/08/2015	ND	432	108	400	3.77	

Sample ID: SP4 @ 2' (H501705-24)

Chloride, SM4500Cl-B	mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	816	16.0	07/08/2015	ND	432	108	400	3.77	

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Fax To: (575) 397-0397

Received: 07/02/2015

Reported: 07/09/2015

Project Name: NHU 24-342
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 07/01/2015

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Jodi Henson

Sample ID: SP4 @ 3' (H501705-25)

Chloride, SM4500CI-B	mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	736	16.0	07/08/2015	ND	432	108	400	3.77	

Sample ID: SP4 @ 4' (H501705-26)

Chloride, SM4500CI-B	mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	864	16.0	07/08/2015	ND	432	108	400	3.77	

Sample ID: SP4 @ 5' (H501705-27)

Chloride, SM4500Cl-B	mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	832	16.0	07/08/2015	ND	432	108	400	3.77	

Sample ID: SP4 @ 6' (H501705-28)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	07/08/2015	ND	432	108	400	3.77	

Sample ID: SP5 @ SURFACE (H501705-29)

Chloride, SM4500Cl-B mg/kg			Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	07/08/2015	ND	432	108	400	3.77	

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Fax To: (575) 397-0397

Received: 07/02/2015

Reported: 07/09/2015

Project Name: NHU 24-342
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 07/01/2015

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Jodi Henson

Sample ID: SP5 @ 1' (H501705-30)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	07/08/2015	ND	432	108	400	3.77	

Sample ID: SP5 @ 2' (H501705-31)

Chloride, SM4500Cl-B	5M4500Cl-B mg/kg			d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	960	16.0	07/08/2015	ND	432	108	400	3.77	

Sample ID: SP5 @ 3' (H501705-32)

Chloride, SM4500Cl-B	mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	784	16.0	07/08/2015	ND	432	108	400	3.77	

Sample ID: SP5 @ 4' (H501705-33)

Chloride, SM4500Cl-B	M4500Cl-B mg/kg			d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	752	16.0	07/08/2015	ND	432	108	400	3.77	

Sample ID: SP5 @ 5' (H501705-34)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	880	16.0	07/08/2015	ND	432	108	400	3.77	

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Fax To: (575) 397-0397

Received: 07/02/2015

Reported: 07/09/2015

Project Name: NHU 24-342
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 07/01/2015

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Jodi Henson

Qualifier

Sample ID: SP5 @ 6' (H501705-35)

Chloride, SM4500Cl-B mg/kg

17300CI-D	mg/kg	Allalyzed by. Ar

Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 07/08/2015 ND 432 108 400 3.77 32.0 16.0

Analyzed By: AD

Sample ID: SP6 @ SURFACE (H501705-36)

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

BS True Value QC RPD Reporting Limit Analyzed Method Blank % Recovery Analyte Result Chloride 560 16.0 07/08/2015 432 400 3.77 ND 108

Sample ID: SP6 @ 1' (H501705-37)

Chloride, SM4500Cl-B	mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	07/08/2015	ND	432	108	400	3.77	

Sample ID: SP6 @ 2' (H501705-38)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	944	16.0	07/08/2015	ND	432	108	400	3.77	

Sample ID: SP6 @ 3' (H501705-39)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	880	16.0	07/08/2015	ND	432	108	400	3.77	

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Fax To: (575) 397-0397

Received: 07/02/2015

Reported: 07/09/2015

Project Name: NHU 24-342
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 07/01/2015

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Jodi Henson

Sample ID: SP6 @ 4' (H501705-40)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	848	16.0	07/08/2015	ND	432	108	400	3.77	

Sample ID: SP6 @ 5' (H501705-41)

Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	864	16.0	07/08/2015	ND	400	100	400	0.00	

Sample ID: SP6 @ 6' (H501705-42)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	07/08/2015	ND	400	100	400	0.00	

Sample ID: SP7 @ SURFACE (H501705-43)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	864	16.0	07/08/2015	ND	400	100	400	0.00	

Sample ID: SP7 @ 1' (H501705-44)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	07/08/2015	ND	400	100	400	0.00	

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Stope S. Moreno



BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 07/02/2015

Reported: 07/09/2015

Project Name: NHU 24-342
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 07/01/2015

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Jodi Henson

Sample ID: SP7 @ 2' (H501705-45)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	912	16.0	07/08/2015	ND	400	100	400	0.00	

Sample ID: SP7 @ 3' (H501705-46)

Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	768	16.0	07/08/2015	ND	400	100	400	0.00	

Sample ID: SP7 @ 4' (H501705-47)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	784	16.0	07/08/2015	ND	400	100	400	0.00	

Sample ID: SP7 @ 5' (H501705-48)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	880	16.0	07/08/2015	ND	400	100	400	0.00	

Sample ID: SP7 @ 6' (H501705-49)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	07/08/2015	ND	400	100	400	0.00	

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Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES
101 East Marland, Hobbs, NM 88240
(505) 393-2326 FAX (505) 393-2476

		TECHNIC REPORT CONTROL			
Project Manager: Cliff Brunson	SON	P.O. #: **			
Address: P.O. Box 805		Company:		š	
сту: Hobbs	State: NM zip: 88241	1	JANK.		
Phone #: 575-397-6388	Fax #: 575-397-0397	6.0			
Project #:	Project Owner: OK	City:			
Project Name: NHU	24-342	State:	Zip:		
Project Location:		Phone #:			
Sampler Name: 2005	er Hernandez	Fax #:		DE	***
		MATRIX PRESERV	SAMPLING	212	
Lab I.D. San	Sample I.D. (G)RAB OR (C)OM # CONTAINERS GROUNDWATER	WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	DATE TIME	CHLOR	
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Relinguished By:	Date:	eived By:	Phone Result:	□ Yes	O No	Add'I Phone #:
). :- !	7.2.15		Fax Result:	□ Yes	ON D	Add'l Fax #:
topic directo	Time:	J. Z. Z.	REMARKS:	W. 1		
Relinquished By:	Date: //E Ru	eived,By:				
	Tippe; 24	(
Delivered By: (Circle One)	1.0.0	Sample Condition CHECKED BY:				
Sampler - UPS - Bus - Other:	12.60	Dyes Tyes Injunis				

† Cardinal cannot accept verbal changes. Please fax written changes to 505-398-2476



101 East Marland, Hobbs, NM 88240 (505) 393-2326 FAX (505) 393-2476

	305) 33-2320 FAA (303) 383-24/6	4/6				21
Company Marie.	BBC International, Inc.		BILL TO	V	ANALYSIS REQUEST	
Project Manager:	Cliff Brunson		P.O. #: *			
Address: P.O. Box 805	3ox 805		Company:			
city: Hobbs	State: NM	Zip: 88241	Attn: .			
Phone #: 575-397-6388	Fax #:	575-397-0397	Address: SAM			1.7%
Project #:	Project Owner:	er: OYU	City:			
Project Name:	NAU 24. 342	2 " /	State: Zip:			
Project Location:			#	-		
Sampler Name:	Locer Hernandle 2	102	Fax #:	OŁ	•	
FOR LAB USE ONLY	,	MATRIX	PRESERV. SAMPLING	2//		
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Lab I.D.	Sample I.D.	B OR (CITAINER NDWATEWATE	BASE:	H		
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17,	02.	1	1 71.15	329 1		
8/	03	0	1 7.1.15	1 046		
19	64.	7	1 21.15	708		
PI FASE NOTE: Hability and F	amage Cardinal's liability and clearly avolution arounds to	61	1 7.1.15	9/9/		
analyses. All claims including to service. In no event shall Cardi affiliates or successors arising of affiliates or successors arising of affiliates.	T-LEASE. WV Et. Labumy and Usmages. Cardina's islability and clients exclusive remody for any learn arising whether based in contract or for, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successions affiliate to the performance of services hereinfee by Cardinal repartless or whether such claims to service the contract of th	ir any claim arising whether based in contract be deemed waived unless made in writing and ing without limitation, business interruptions, Charifinal repartless of whether such claim.	or tort, shall be limited to the amount paid by or tort, shall be limited to the amount paid by or treceived by Cardinal within 30 days after coloss of use, or loss of profits incurred by clier	the clieft for the mpletion of the applicable tts subsidiaries.		
굸		Receive	d By:	F	Add'l Phone #:	
Dit	Time:	Inde	ancia R	REMARKS:	Add'l Fax #:	
Relinquished By:	Times . 20	Received By:				
Delivered By: (Circle One)	Circle One)	o Sample Condition	SHE			
Sampler - UPS - Bus - Other		Cool Intact	(Initials)			

[†] Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

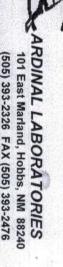
ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240 (505) 393-2326 FAX (505) 393-2476

Company Name: BBC International, Inc. Project Manager: Cliff Brunson		BILL TO	ANALYSIS REQUEST
Project Manager: Cliff Brunson		PO #: "3	
Address: P.O. Box 805		Company:	\$
city: Hobbs State: NM	M Zip: 88241	Attn:	
i-397-6388 Fax #:	5	Address: SAME	
Project #: Project Owner:	vner: OXV	City:	
ime: NHU S	342	State: Zip:	
Project Location:		Phone #:	
Doser Herr	noundez	Fax#:	
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING	
Lab I.D. Sample I.D. <i>Η501] 05</i>	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER: DATE	CHLORI
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ling without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries,

linquished By: elivered By: (Circle One) ampler - UPS - Bus - Other:) =,)	linquished By:	les of successors arising out of of related to the performance of service
Daffe 2/15 Received By: Title: 24 Sample Condition CH Cool Intact Cool Sample Condition CH Cool Intact Cool Inta	72.15	Date: Received By:	ice of services nereunder by Cardinal, regaldiess of whether such claim is based upon an
CHECKED BY:	Fax Result:	Phone Resu	ly of the above stated reasons of otherwise
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† Cardinal cannot accept verbal changes. Please fax written changes to 505-393/2476



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

	000) 000-2020 1 77 (000) 000-24	10				27
Company Name:	BBC International, Inc.		BILL TO		ANALYSIS REQUEST	
Project Manager:			P.O. #: *			
Address: P.O. Box 805	Box 805		Company:	è		
city: Hobbs	State: NM	Zip: 88241	Attn:			
Phone #: 575-397-6388	Fax #:	575-397-0397	Address: SAM	17	× .	
Project #:	Project Owner:	er: OYY	City:			
Project Name:	NHW 24-31	12	State: Zip:			
Project Location:) a		Phone #:			
Sampler Name:	LOCKET HOLDEN	andez	Fax #:	E		
FOR LAB USE ONLY		P. MATRIX	PRESERV. SAMPLING	(1)		
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PLEASE NOTE: Liability and	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the	r any claim arising whether based in contra	ct or tort, shall be limited to the amount paid	by the client for the		
analyses. All claims including service. In no event shall Carc affiliates or successors arising	analyses. All claims including those for negligence and any other cause whatsoever stall be deemed waived unless made in writing and received by Cardinal within 30 days after competion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsistiaries. 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.	e deemed waived unless made in writing a ng without limitation, business interruptions Cardinal, regardless of whether such dain	ase whatsoever shall be deemed valved unless made in writing and received by Cardinal writin 30 days after competion of the ental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.	completion of the applicable lent, its subsidiaries, sons or otherwise.		
Relinquished By:	Date: 7.7.15	Received By:	Morio	Phone Result: Yes Fax Result: Yes REMARKS:	□ No Add'l Phone #: □ No Add'l Fax #:	
Relinquished By:	Tone: 7/1/2	Received By:	tara car			
Delivered By: (Circle One)		6 Sample Condition Cool Intact	CHECKED BY: (Initials)			
Sampler - UPS - Bus - Other:		TOO DYSELY				

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#54

ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240 (505) 393-2326 FAX (505) 393-2476

Company Name: BBC International, Inc.		BILL TO	ANALYSIS REQUEST
Project Manager: Cliff Brunson	P.O. #:	3	
Address: P.O. Box 805	Company:	ny:	
City: Hobbs State: NM	zip: 88241	CAME	
5-397-6388 Fax #:	575-397-0397 Address:	'	
Project #: Project Owner:	DIM		
ame: NHU 2	12'	Zip:	
Project Location:	Phone #:		
DOCKET KAN	nanclez Fax #:		
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING	Æ
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Ven in L	y for any claim arising whether based in contract or tort, shall utility by claim arising whether based in contract or tort, shall be deemed waived unless made in writing and received by utility without imitation, business interruptions, loss of use, or the contract around the contract of the contract	be limited to the amount paid by the client for the Cardinal within 30 days after completion of the Cardinal within 30 days after completion of the close of profits incurred by client, its subsidiaries are of the above stated reasons or otherwise.	the applicable ess.
Relinquished By: Date: 1-15 Received By: Phone Res Fax Result. Fax Result. Remarks: Date: 2-15 Received By: Time: 3-15 Received By: Firms: 24	Received By: Received By: Received By:	Phone Result: Fax Result: REMARKS:	ult: ☐ Yes ☐ No Add'I Phone #: : ☐ Yes ☐ No Add'I Fax #:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Sample Condition Cool Intact Cyes Yes Yes No No	CHECKED BY: (Initials)	

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Kathy Purvis

From: Jones, Kellie, EMNRD < Kellie.Jones@state.nm.us>

Sent: Wednesday, August 05, 2015 12:26 PM

To: Cliff Brunson

Cc: Keyes, Jamie, EMNRD; Tony Aguilar; Ken Swinney; Jennifer Gilkey; Kathy Purvis

Subject: RE: OXY NHU 24-342 - Remediation Plan

Cliff.

The work plan is approved. Please note since you are not going to remove all material below threshold, the RP will remain open until the site will be abandoned. Delineation will be conducted to ensure proper understanding of historic releases, at which point a new depth of excavation will be determined, if so required.

If you have any questions, please feel free to contact me.

Have a great day!

Kellie Jones
Environmental Specialist, District 1
Oil Conservation Division, EMNRD
575-393-6161 ext. 111
575-370-3180 (emergency-cell)
E-Mail: kellie.jones@state.nm.us

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, local laws and/or regulations.

Please note:

- -The OCD is no longer granting "risk-based," or standard closure of events/RPs with remediation deferred to site abandonment/sale/closure. The RP will remain open until such time as historic contamination is addressed.
- -Photographic documentation is stipulated for all events involving liquids.

If you have any questions or concerns, and for notification, please contact me.

From: Cliff Brunson [mailto:cbrunson@bbcinternational.com]

Sent: Monday, July 27, 2015 6:16 PM

To: Jones, Kellie, EMNRD

Cc: Keyes, Jamie, EMNRD; Oberding, Tomas, EMNRD; Tony Aguilar; Ken Swinney; Jennifer Gilkey; Kathy Purvis

Subject: OXY NHU 24-342 - Remediation Plan

Kellie,

This e-mail is to confirm our discussion on Friday, July 17, 2015 concerning the remediation plan for Oxy NHU 24-342. I have attached the information packet that we used in our discussion with a cover page describing the remediation plan that we agreed upon.

If you would please reply back via e-mail with your concurrence on this plan, it would be greatly appreciated.

Thanks, Cliff

Cliff P. Brunson, CEI, CRS
President
BBC International, Inc.
World-Wide Environmental Specialists
Mailing Address:
P. O. Box 805
Hobbs, NM 88241-0805 USA
Shipping Address:
1324 W. Marland St.
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