BLM Approval of Plan:



	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											
RemediationExcavate 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 0	1/19/2016										
	1											
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										

	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

n/a

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.

n/a

01/21/2016

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

			Rel	ease Notific	catio	n and Co	orrective A	ctior				
		_				OPERA	ΓOR		🕅 Initi	al Report	П	Final Report
Name of Co		Oxy Permia				Contact 7	ony Aguilar			<u>\</u>		
		tanolind Roa	ıd				No. (575) 397	7-8251				
Facility Nat	me NHU	J 24-342				Facility Typ	e Injection T	runk L	ine			
Surface Ow	ner			Mineral C	Owner				API No	o. 30-025	5-2906	2
				LOCA	ATIO	N OF RE	LEASE					
Unit Letter	Section	Township	Range	Feet from the		/South Line	Feet from the	East/\	West Line	County		
F	25	185	37E							Lea Coun	IV NM	
	<u>.</u>		Ĭ	Latitude <u>N 32.7</u>	21220	Longitu	de <u>W 103.20</u> 38	20			.y. 1 4141	
						OF REL		<u>,,, , , , , , , , , , , , , , , , , , </u>				
Type of Rele	ase Produ	uced water			UNL	Volume of		hls	Volume	Recovered	45 bb	
			of a 4" ste	el injection trunk	line	Date and H	lour of Occurrenc @ 10:30 am			Hour of Dis		
Was Immedia	ate Notice C					If YES, To	Whom?					
Dy Whom?	Tomu A m		Yes	No 🗌 Noi Re	equired		erding- NMOCD			/2015		
By Whom? Was a Water	Tony Age					Date and H	our 05/10/201: Jume Impacting t					
			Yes 🛛	No		11 125, 40	aune mpacing i	ine wate	ercourse.			
If a Watercou	rse was Im	pacted, Descri	he Fully *	k								
A 4" steel line	e leaked due	em and Remed e to internal co line is being r	orrosion c	ausing 145 bbls o	f produ	ced water to le	eak onto the grour	nd. A va	acuum truc	k recovered	45 bbl	s of water
Describe Area	a Affected a	and Cleanup A	ction Tak	en.*								
The area affe	cted is appro	oximately 110) x 325' o	n location. Reme	diation	will be compl	eted in accordance	ce with a	a remediati	on plan app	roved b	y NMOCD.
public health should their o	l operators a or the envir perations ha ment. In ac	are required to onment. The ave failed to a ddition, NMO	report an acceptanc dequately CD accep	is true and compl d/or file certain re e of a C-141 repo investigate and re tance of a C-141	elease n rt by the emediate	otifications ar e NMOCD ma e contaminatio	d perform correct orked as "Final Reconstruction that nose a three	tive acti eport" d eat to gr	ons for rele oes not reli	eases which eve the oper	may er alor of	idanger liability
Signature:	Ime	1 Qu	Ja	()			OIL CONS	SERV	ATION	DIVISIC	<u>DN</u>	
Printed Name	: Tony A	guilar				Approved by	Environmental Sp	pecialist	•			
Title: HES	Specialist					Approval Date	2:	E	Expiration	Date:		
E-mail Addres		ond_aguilar@	oxy.com			Conditions of	Approval:			Attached		
Date: 6 -	22-1	5	Phone:	(575) 397-8251	1							

* Attach Additional Sheets If Necessary

State of New Mexico Energy Minerals and Natural Resources

Form C-141 Revised August 8, 2011

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

1220 S. St. Fran	cis Dr., Santa	a Fe, NM 87505	5	Sa	inta Fo	e, NM 875	05					
			Rele	ease Notific				ction				
						OPERA			al Damast		E. I.D.	
Name of Co	mpany	Oxy Permia			-		ony Aguilar		al Report		Final Report	
		tanolind Roa				Telephone No. (575) 397-8251						
Facility Nar		124-342				Facility Typ						
Surface Ow	ner			Mineral C	wner			API No	<u>. 30-025</u>	-2906	2	
						N OF REI	LEASE					
Unit Letter	Section	Township	Range	Feet from the	North	South Line	Feet from the	East/West Line	County			
F	25	18S	37E						Lea Count	v. NM		
		· · · ·	ſ	atitude <u>N 32.7</u>	21220	Longitu	de <u>W 103.2038</u>	20		<u></u>]	
			-					<u>.</u>				
Type of Relea	ase Produ	ced water		NA1	URE	OF REL		Nolumo F	Jacowand	46 61		
P 4			of a 4" ste	el injection trunk	line		our of Occurrenc		Recovered Hour of Dise	45 bbl	<u>s</u>	
				an injection in anti-			@ 10:30 am		fiour of Dis	covery		
Was Immedia	te Notice G					If YES, To				_		
			Yes L	No 🗌 Not Re	quired	Tomas Obe	erding- NMOCD	via email on 05/10	/2015			
By Whom?	Tony Agu	ilar, Oxy					our 05/10/2015					
Was a Watero	course Reac		Yes 🖂	No		If YES, Vo	lume Impacting t	he Watercourse.				
If a Watercou	rse was Imr	acted Descri	be Fully *									
Describe Cau	se of Proble	m and Remed	lial Actior	Taken.*								
A 4" steel line	e leaked due	e to internal co	orrosion ca	ausing 145 bbls o	F produc	ed water to le	ak onto the grour	nd. A vacuum truc	k recovered	45 bbls	of water	
and as of 05/2	8/2015 the	line is being r	repaired or	replaced.	•		0					
Describe Area	Affected a	nd Cleanup A	ction Tak	en.*								
of NMOCD v	ia email on	08/05/2015.						vith the remediatio				
regulations all public health of should their of	l operators a or the enviro perations ha ment. In ad	are required to conment. The ave failed to a Idition, NMO	e report an acceptance dequately CD accept	d/or file certain re e of a C-141 repo investigate and re	elease no rt by the mediate	otifications ar NMOCD ma contamination	d perform correct arked as "Final Re on that pose a thre	nderstand that purs live actions for rele eport" does not reli eat to ground water esponsibility for co	eases which eve the oper surface wa	may en ator of ter, hur	danger liability nan health	
	2	\sim	1				OIL CONS	SERVATION	DIVISIO	N		
Signature	my	Que	lus									
Printed Name:	Tony A	guilar	_		/	Approved by	Environmental Sp	ecialist:				
Title: HES	Specialist				/	Approval Date		Expiration I	Date:			
E-mail Addres	s: Raymo	ond_aguilar@	oxy.com			Conditions of	Approval:		Attached	Ē		
Date: /- a	21-1	6	Phone:	(575) 397-825					Attached	ц		

* Attach Additional Sheets If Necessary





Section Quarters

Oxy NHU 24-342



Оху

NHU 24-342



Oxy NHU 24-342



Laboratory Analytical Results Summary NHU 24-342

		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.

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,

Lope S. Moreno

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	Sampling Date:	06/30/2015
Reported:	07/09/2015	Sampling Type:	Soil
Project Name:	NHU 24-342	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP1 @ SURFACE (H501705-01)

Chloride, SM4500Cl-B mg/kg			Analyze	d 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)

Chloride, SM4500Cl-B	Analyze	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: 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, SM4500Cl-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	

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*=Accredited Analyte

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Lope S. Moreno



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241 Fax To: (575) 397-0397

Received:	07/02/2015	Sampling Date:	06/30/2015
Reported:	07/09/2015	Sampling Type:	Soil
Project Name:	NHU 24-342	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

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	mg,	/kg	Analyzed 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			Analyzed 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	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	Analyzed 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	

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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	Sampling Date:	06/30/2015
Reported:	07/09/2015	Sampling Type:	Soil
Project Name:	NHU 24-342	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

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

Chloride, SM4500Cl-B	mg	/kg	Analyze	j 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	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	416	104	400	3.77	

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

Chloride, SM4500Cl-B	mg,	/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, SM4500Cl-B	mg/	/kg	Analyzed 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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BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241 Fax To: (575) 397-0397

Received:	07/02/2015	Sampling Date:	07/01/2015
Reported:	07/09/2015	Sampling Type:	Soil
Project Name:	NHU 24-342	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: S3 @ SURFACE (H501705-15)

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: SP3 @ 1' (H501705-16)

Chloride, SM4500CI-B	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	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	Analyzed 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, 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	416	104	400	3.77	

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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	Sampling Date:	07/01/2015
Reported:	07/09/2015	Sampling Type:	Soil
Project Name:	NHU 24-342	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

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

Chloride, SM4500Cl-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	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	Analyzed 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	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	432	108	400	3.77	

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Lope S. Moreno



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241 Fax To: (575) 397-0397

Received:	07/02/2015	Sampling Date:	07/01/2015
Reported:	07/09/2015	Sampling Type:	Soil
Project Name:	NHU 24-342	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

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

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	432	108	400	3.77	

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

Chloride, SM4500Cl-B	Chloride, SM4500Cl-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	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	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	Analyzed 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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Received:	07/02/2015	Sampling Date:	07/01/2015
Reported:	07/09/2015	Sampling Type:	Soil
Project Name:	NHU 24-342	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

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	Analyze	yzed 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	-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	mg,	/kg	Analyze	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, SM4500Cl-B	l-B mg/kg			Analyzed 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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Received:	07/02/2015	Sampling Date:	07/01/2015
Reported:	07/09/2015	Sampling Type:	Soil
Project Name:	NHU 24-342	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

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

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/08/2015	ND	432	108	400	3.77	

Sample ID: SP6 @ SURFACE (H501705-36)

Chloride, SM4500Cl-B	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	432	108	400	3.77	

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			Analyzed 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	SM4500Cl-B mg/kg			Analyzed 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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Received:	07/02/2015	Sampling Date:	07/01/2015
Reported:	07/09/2015	Sampling Type:	Soil
Project Name:	NHU 24-342	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

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

Chloride, SM4500Cl-B	mg	/kg	Analyze						
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	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	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	400	100	400	0.00	

Sample ID: SP7 @ SURFACE (H501705-43)

Chloride, SM4500Cl-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	400	100	400	0.00	

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

Chloride, SM4500Cl-B	ie, 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	400	100	400	0.00	

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Received:	07/02/2015	Sampling Date:	07/01/2015
Reported:	07/09/2015	Sampling Type:	Soil
Project Name:	NHU 24-342	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

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	Analyze	Analyzed 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	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	400	100	400	0.00	

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

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	400	100	400	0.00	

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

Chloride, SM4500Cl-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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Hope S. Moreno-

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Project Manager: Cliff Brunson		P.O. #: *	
Address: F.U. BOX BUD		Company:	
city: Hobbs	state: NM zip: 88241	Attn: ,	
Phone #: 575-397-6388	Fax #: 575-397-0397	Address: SAME	
Project #:	Project Owner: OXU	City:	
Project Name: NAU Z	24.342 "	State: Zip:	
Project Location:		#	
Sampler Name: LOCE S	Hernande Z	Fax #:	
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† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476	hanges. Please fax written changes	to 505-393-2476	

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	P.O. #		
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Fax #: 575-397-0397	Address: SAA		<u></u>
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24-342	State: Zip:		
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#54

Kathy Purvis

From: Jones, Kellie, EMNRD <kellie.jones@state.nm.us></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: <u>kellie.jones@state.nm.us</u>

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. Hobbs, NM 88240 USA Phone: (575) 397-6388 Fax: (575) 397-0397 E-Mail: <a href="mailto:cohrem:cburger:c

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