State of New Mexico Energy Minerals and Natural Resources

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

Form C-141 Revised October 10, 2003 NOV 2 8 2012 Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back RECEIVED side of form

		OPERATOR	Initial Report	Final Repor
Name of Company Oxy Permian	Ltd.	Contact Chancey Summers		
Address 1017 W. Stanolind Road;	Hobbs, NM 88240	Telephone No. 575-397-8216		
Facility Name South Hobbs Inject	on Header #3	Facility Type Water Injection S	Site	
Surface Owner Oxy	Mineral Own	ner	Lease No.	
	LOCAT	ION OF RELEASE		

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
D	10	195	38E					Lea County, NM

Latitude_____ Longitude

Type of Release Produced Water	Volume of Release	Volume Recovered
	1000 bbls of water	840 bbls
Source of Release Hole in 8" steel injection trunk line	Date and Hour of Occurrence	Date and Hour of Discovery
	9/13/2012 @ 4:00 am	09/13/2012
Was Immediate Notice Given?	If YES, To Whom?	
🛛 Yes 🗌 No 🗌 Not Required		
Martin and States	Geoffrey Leking- OCD	
By Whom? Chancey Summers	Date and Hour 09/14/2012 @ 8:1	7 a.m.
Was a Watercourse Reached?	If YES, Volume Impacting the Wat	ercourse.
🗌 Yes 🖾 No		

Describe Cause of Problem and Remedial Action Taken.*

A hole in a 8" steel injection trunk line caused 1000 bbls of water to leak onto the ground. 840 bbls of water were recovered via vacuum truck. The line was repaired.

Describe Area Affected and Cleanup Action Taken.*

The area affected was approximately 400' x 200'. Remediation will be performed in accordance with a NMOCD-approved remediation plan.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature:	<u>OIL CONSEI</u>	RVATION DIVISION
Printed Name: Chancey Summers	Approved by District Supervisor:	
Title: HES Specialist	Approval Date:	Expiration Date:
E-mail Address: chancey_summers@oxy.com Date: 9/25/12 Phone: (575)397-8216	Conditions of Approval:	Attached

* Attach Additional Sheets If Necessary

Leking, Geoffrey R, EMNRD

From: Sent: To: Cc: Subject: Leking, Geoffrey R, EMNRD Friday, November 30, 2012 8:46 AM 'Cliff P. Brunson' C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis RE: Oxy-SHU Injection Header #3

Cliff

Per the meeting of November 28, 2012, the OCD approves the path forward as stated below in your email of November 28, 2012 RE: Oxy-SHU Injection Header #3. Thank you.

Geoffrey Leking Environmental Specialist NMOCD-Hobbs 1625 N. French Drive Hobbs, NM 88240 Office: (575) 393-6161 Ext. 113 Cell: (575) 399-2990 email: geoffreyr.leking@state.nm.us

From: Cliff P. Brunson [mailto:cbrunson@bbcinternational.com]
Sent: Wednesday, November 28, 2012 5:16 PM
To: Leking, Geoffrey R, EMNRD
Cc: C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: Oxy-SHU Injection Header #3

Geoff,

This message is to confirm our discussion on November 28, 2012 concerning the remediation plan for the Oxy SHU Injection Header #3 leak site. I have attached the site diagram and lab data summary table that we used in our discussion. As agreed, Oxy will excavate the entire area that is impacted to a depth of 6 inches. In the area inside the water injection building, the soil will be excavated to a depth of 18 inches. Upon completion of the excavation, the site will be backfilled with clean soil.

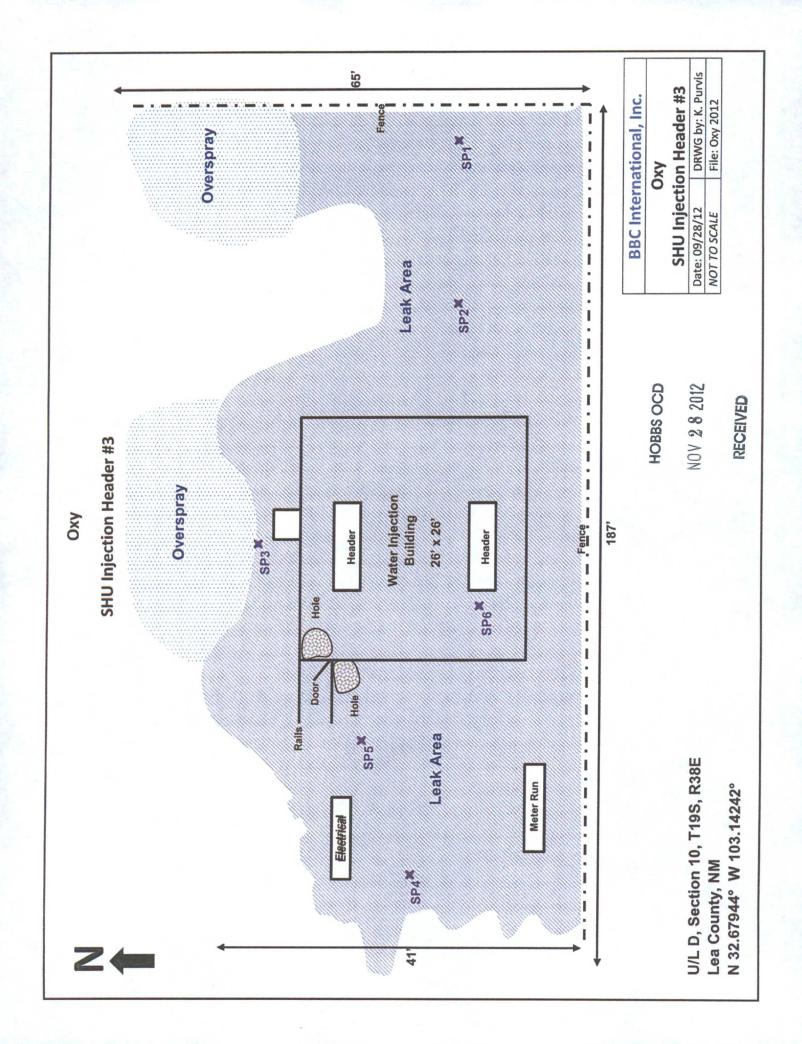
If you would please reply back via e-mail with your concurrence to this plan, it would be greatly appreciated.

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: <u>cbrunson@bbcinternational.com</u>

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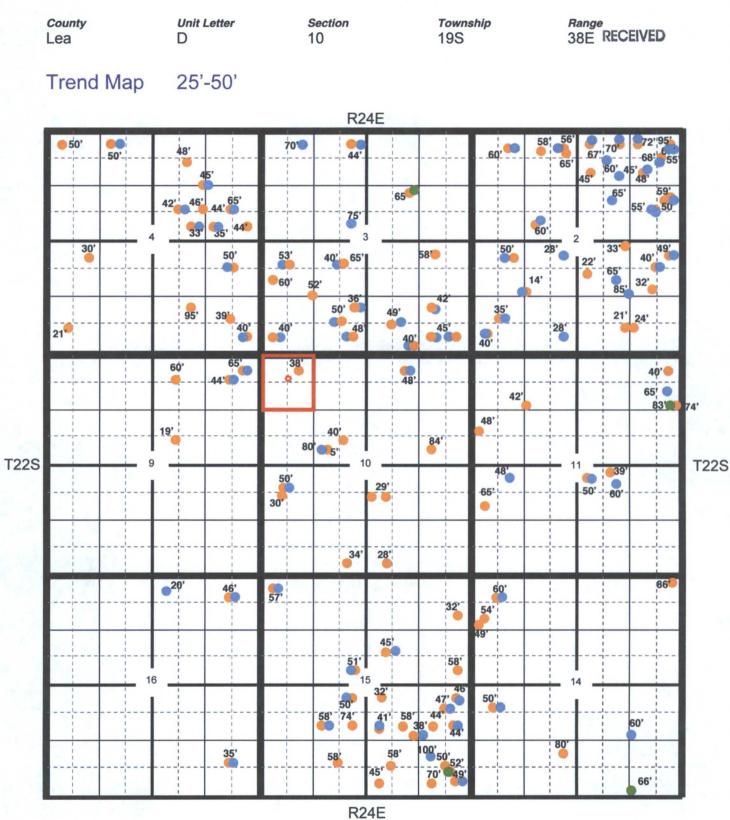


Groundwater Plot

HOBBS OCD

Oxy SHU Injection Header #3

NOV 28 2012



Location

OCD

USGS

SEO

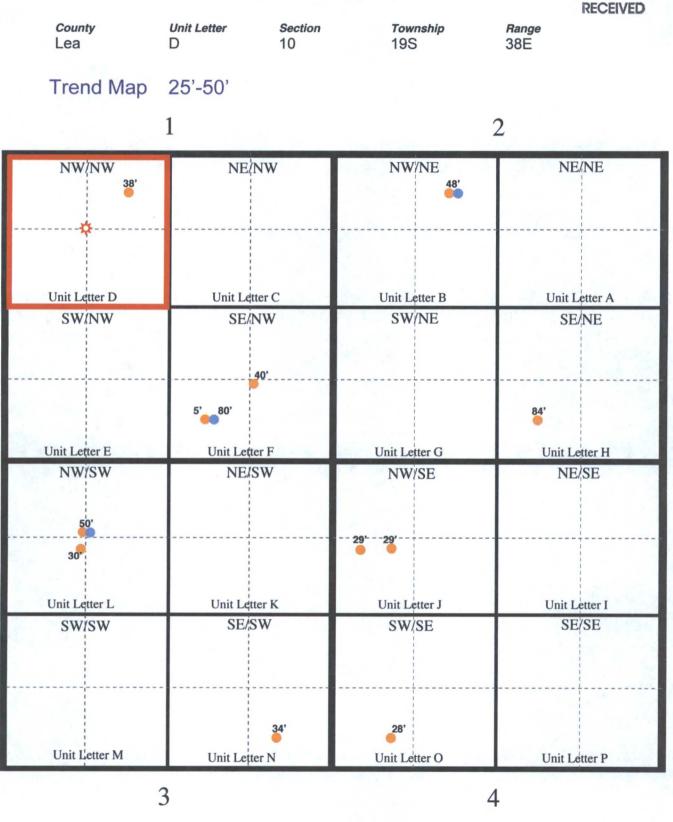


HOBBS OCD

Section Quarters

NOV 2 8 2012

Oxy SHU Injection Header #3



Location

• OCD • USGS

SEO

Laboratory Analytical Results Summary OXY, SHU Injection Header #3

		sample	SURFACE	- DILO	orier ories	-0 - LAC	n D LO
Analyte	Method	Date	10/15/12	10/15/12	10/16/12	10/16/12	10/16/12
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500CI-B		352	192	64	48	64

		Sample	SP2 @ SURFACE	SP2 @ 1'	SP2 @ 1' SP2 @ 3'	SP2 @ 6'	SP2 @ 9'
Analyte	Method	Date	10/15/12	10/15/12	10/16/12	10/16/12	10/16/12
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Chloride SM4	SM4500CI-B		352	176	32	48	48

Analyte	Method	Date	10/15/12	10/15/12	10/16/12		
			mg/Kg	mg/Kg	mg/Kg		
Chloride	SM4500CI-B		1730	256	112		
		Cample	SP4 @	CD4 @ 11	CD4 @ 1. CD4 @ 3' CD4 @ 6'	CD4 @ 6'	Ū
		California	CIDEACE		2 0 + 10	2 0 + 10	5

Analyte Method Date 1016/12 1016/12 1016/12 1016/12 1017/12 Chloride SM4500Cl-B mg/Kg mg/Kg<			Sample	SP4 @	SP4 @ 1'	SP4 @ 3'	SP4 @ 6' SP4 @ 9'	SP4 @ 9'
SM4500CI-B 3080 3080 Supprace	Analyte	Method	Date	10/15/12	10/15/12	10/16/12	10/16/12	10/17/12
SM4500CI-B 3080 3080 Supprace				mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
SP5 @ SURFACE	Chloride	SM4500CI-B		3080	240	64	16	16
SP5 @ SURFACE								
			Sample	SP5 @	SP5 @ 1'	SP5 @ 3'	SP5 @ 6'	SP5 @ 9'

Analyte	Method	Date	10/17/12	10/17/12	10/17/12	10/17/12	10/17/12
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500CI-B		272	176	256	256	240
		Sample	SURFACE	SP6 @ 1'	SP6 @ 4'	1	
Analyte	Method	Date	10/17/12	10/17/12	10/17/12		
			mg/Kg	mg/Kg	mg/Kg		
Chloride	SM4500CI-B		2560	320	64		

HOBBS OCD

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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

October 23, 2012

Cliff Brunson BBC International, Inc. P.O. Box 805 Hobbs, NM 88241 HOBBS OCD NOV 2 8 2012

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RE: SHU INJECTION HEADER #3

Enclosed are the results of analyses for samples received by the laboratory on 10/19/12 16:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. 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/qa/lab accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited 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)

Laboratories

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celeg D. Keine

Celey D. Keene Lab Director/Quality Manager



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241 Fax To: (505) 397-0397

Received:	10/19/2012	Sampling Date:	10/15/2012	
Reported:	10/23/2012	Sampling Type:	Soil	
Project Name:	SHU INJECTION HEADER #3	Sampling Condition:	Cool & Intact	
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson	
Project Location:	LEA COUNTY, NM			
Project Number:	NONE GIVEN	1 5		

Sample ID: SP 1 @ SURFACE (H202567-01)

Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	10/22/2012	ND	416	104	400	3.77	

Sample ID: SP 1 @ 1' (H202567-02)

Chloride, SM4500Cl-B	mg/kg Analyzed By: HM								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	10/22/2012	ND	416	104	400	3.77	

Sample ID: SP 1 @ 3' (H202567-03)

Chloride, SM4500CI-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/22/2012	ND	416	104	400	3.77	

Sample ID: SP 1 @ 6' (H202567-04)

Chloride, SM4500Cl-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/22/2012	ND	416	104	400	3.77	

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241 Fax To: (505) 397-0397

Received:	10/19/2012	Sampling Date:	10/16/2012
Reported:	10/23/2012	Sampling Type:	Soil
Project Name:	SHU INJECTION HEADER #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 1 @ 9' (H202567-05)

Chloride, SM4500Cl-B mg/kg		Analyzed By: HM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/22/2012	ND	416	104	400	3.77	

Sample ID: SP 2 @ SURFACE (H202567-06)

Chloride, SM4500CI-B	mg/kg Analyzed By: HM								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	10/22/2012	ND	416	104	400	3.77	

Sample ID: SP 2 @ 1' (H202567-07)

Chloride, SM4500Cl-B	mg,	mg/kg Analyzed By: HM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	10/22/2012	ND	416	104	400	3.77	

Sample ID: SP 2 @ 3' (H202567-08)

Chloride, SM4500CI-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/22/2012	ND	416	104	400	3.77	

Sample ID: SP 2 @ 6' (H202567-09)

Chloride, SM4500CI-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/22/2012	ND	416	104	400	3.77	

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Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241 Fax To: (505) 397-0397

Received:	10/19/2012	Sampling Date:	10/16/2012
Reported:	10/23/2012	Sampling Type:	Soil
Project Name:	SHU INJECTION HEADER #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 2 @ 9' (H202567-10)

Chloride, SM4500Cl-B mg/kg		Analyze	yzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/22/2012	ND	416	104	400	3.77	

Sample ID: SP 3 @ SURFACE (H202567-11)

...

Chloride, SM4500CI-B mg/k		kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1730	16.0	10/22/2012	ND	416	104	400	3.77	

Sample ID: SP 3 @ 1' (H202567-12)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	10/22/2012	ND	432	108	400	0.00	

Chloride, SM4500CI-B	mg/	mg/kg Analyzed By: HM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	10/23/2012	ND	432	108	400	0.00	

Sample ID: SP 4 @ SURFACE (H202567-14)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					-
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3080	16.0	10/23/2012	ND	432	108	400	0.00	

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Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241 Fax To: (505) 397-0397

Received:	10/19/2012	Sampling Date:	10/15/2012
Reported:	10/23/2012	Sampling Type:	Soil
Project Name:	SHU INJECTION HEADER #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 4 @ 1' (H202567-15)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Chloride	240	16.0	10/23/2012	ND	432	108	400	0.00			

Sample ID: SP 4 @ 3' (H202567-16)

Chioride, SM4500CI-B	mg/	ĸg	Analyze	Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/23/2012	ND	432	108	400	0.00	

Sample ID: SP 4 @ 6' (H202567-17)

Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/23/2012	ND	432	108	400	0.00	

Sample ID: SP 4 @ 9' (H202567-18)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/23/2012	ND	432	108	400	0.00	

Sample ID: SP 5 @ SURFACE (H202567-19)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	10/23/2012	ND	432	108	400	0.00	

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Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241 Fax To: (505) 397-0397

Received:	10/19/2012	Sampling Date:	10/17/2012
Reported:	10/23/2012	Sampling Type:	Soil
Project Name:	SHU INJECTION HEADER #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 5 @ 1' (H202567-20)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier			
Chloride	176	16.0	10/23/2012	ND	432	108	400	0.00				

Sample ID: SP 5 @ 3' (H202567-21)

Chloride, SM4500CI-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	10/23/2012	ND	432	108	400	0.00	

Sample ID: SP 5 @ 6' (H202567-22)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	10/23/2012	ND	432	108	400	0.00	

Sample	ID: SP 5 @ 9' (H	202567-23)								
Chloride,	SM4500CI-B	mg/	/kg	Analyze	d By: HM					
	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride		240	16.0	10/23/2012	ND	432	108	400	0.00	

Sample ID: SP 6 @ SURFACE (H202567-24)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM				-	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2560	16.0	10/23/2012	ND	432	108	400	0.00	

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241 Fax To: (505) 397-0397

Received:	10/19/2012	Sampling Date:	10/17/2012
Reported:	10/23/2012	Sampling Type:	Soil
Project Name:	SHU INJECTION HEADER #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 6 @ 1' (H202567-25)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	10/23/2012	ND	432	108	400	0.00	

Sample ID: SP 6 @ 4' (H202567-26)

Chloride, SM4500CI-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/23/2012	ND	432	108	400	0.00	

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500CI-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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*=Accredited Analyte

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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Company Name	Company Name: BBC International, Inc.		No. of Concession, Name	BILL TO	ないである	ANALYSIS REQUEST	
Project Manage	Project Manager: Cliff Brunson		P.O. #:				
Address: P.O. Box 805	. Box 805		Company:	2			
city: Hobbs	State: NM	Zip: 88241	Attn:				1
Phone #: 575-397-6388	Fax #:	5	Address:				-
Project #:	Project Owner:	er: Oxy	City:				1
Project Name:	Project Name: SHU INJECTION HEADER #3		State:	Zip:			-
Project Locatio	Project Location: LEA COUNTY, NM		Phone #:				-
Sampler Name:	Roger Hernandez		Fax #:				
FOR LAB USE ONLY		MATRIX	PRESERV.	ERV. SAMPLING			
Lab I.D.	Sample I.D.	S,RAB OR (C)OMP. CONTRINERS ROUNDWATER /ASTEWATER OIL IL	:E / COOL CID/BASE: СID/BASE:	Ľ	13		
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29	SP2 @ 3'	6 1 1		10/16/2012 11:58 AM	1:58 AM 🗸		135
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† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

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

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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Company Name:	(505) 393-2320 FAX (505) 393-2476 le: BBC International Inc	9			ſ	A REPORT			5	10 - 11 - 1 1 - 11 - 1			1 M I M I	Voio		101		Γ
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Address: P.O. Box 805). Box 805						Company.											
city: Hobbs	State: NM	Zip:	88241	-		Attn:	- fund								16			
Phone #: 575-397-6388	Fax #:	575-397-0397	0397			Address:	ess:	1										
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Sampler Name:	Roger Hernandez		1			Fax #:	4											
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ARDINAL LABORATORIES

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Company Name: BBC International, Inc.		BIL	PL 70	1	ANALYSIS REQUEST
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Address: P.O. Box 805		Company:			
City: Hobbs State: NM	M zip: 88241	Attn:			
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Project Location: LEA COUNTY, NM		Phone #:	·		
Sampler Name: Roger Hernandez	and the second is	Fax #:			
FOR LAB USE ONLY	MATRIX	PRESERV	SAMPLING		
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Page 11 of 11