



PHONE (575) 397-6388 • FAX (575) 397- 0397 • 1324 W. MARLAND • P.O. BOX 805 • HOBBS, NM 88241-0805
E-MAIL: cbrunson@bbcinternational.com

RECEIVED

By OCD District 1 at 12:20 pm, Aug 05, 2015

APPROVED

By OCD District 1 at 12:20 pm, Aug 05, 2015

OXY – NHU 24-342

1RP - 3653

REMEDIATION PLAN

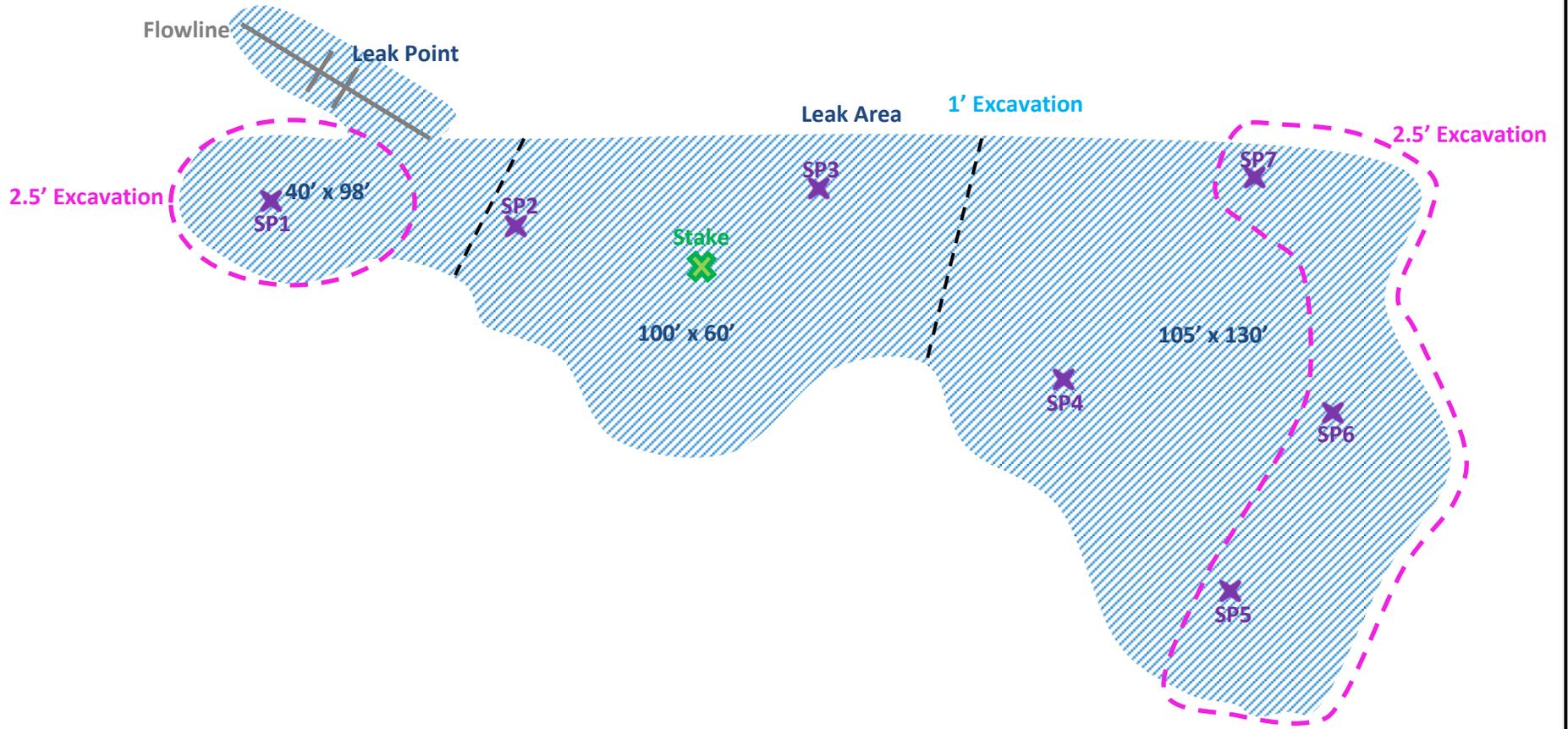
OXY will excavate the spill area as depicted on the following site diagram. The entire spill area will be excavated to a depth of 1 foot, then in areas near SP1, SP5, SP6, and SP7 will be excavated to a depth of 2.5 feet as depicted on the site diagram. All excavated materials will be disposed of at an NMOCD-approved disposal facility.

This plan will remove the contaminants to NMOCD acceptable levels as agreed upon.

The site will then be backfilled with clean soil.



Oxy
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.

**Oxy
NHU 24-342**

Date: 07/01/2015

DRWG by: K. Purvis

NOT TO SCALE

File: Oxy 2015

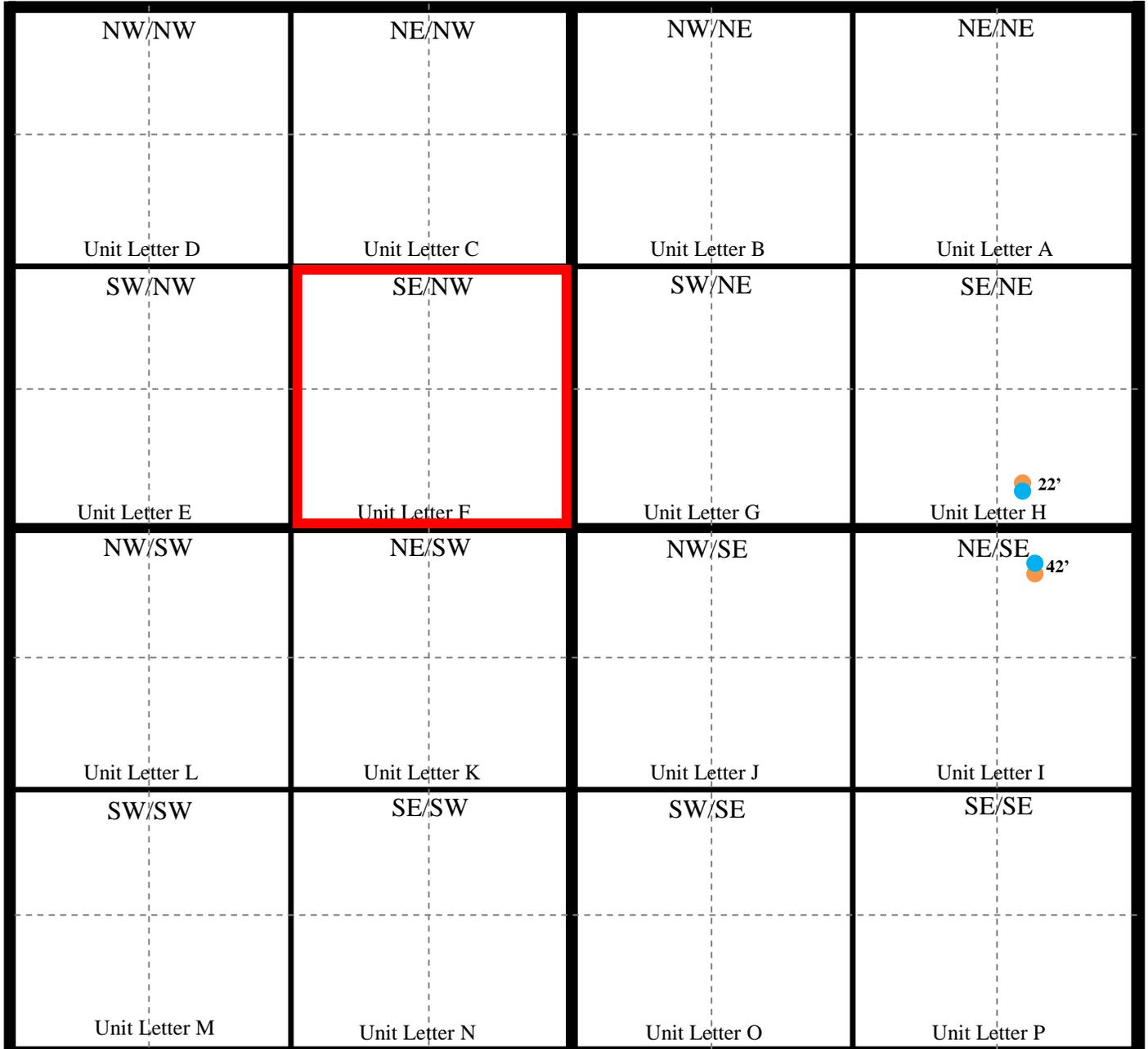
Oxy NHU 24-342

County: Lea Unit Letter: F Section: 25 Township: 18S Range: 37E

Trend Map <50'

1

2



3

4

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	SM4500Cl-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	SM4500Cl-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	SM4500Cl-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	SM4500Cl-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	SM4500Cl-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	SM4500Cl-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	SM4500Cl-B		864	560	912	768	784	880	80



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

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/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited 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,

A handwritten signature in black ink that reads "Hope S. Moreno". The signature is written in a cursive style.

Hope S. Moreno For Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

 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		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)

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: SP1 @ 2' (H501705-03)

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

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 Cliff Brunson
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 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		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	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		Analyzed 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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Analytical Results For:

 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		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		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		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	416	104	400	3.77	

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

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	

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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 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	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, 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		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		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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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		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		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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 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: SP4 @ 3' (H501705-25)

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	432	108	400	3.77	

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

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		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		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	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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 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: SP5 @ 1' (H501705-30)

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		mg/kg		Analyzed 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		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: SP5 @ 5' (H501705-34)

Chloride, 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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 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: SP5 @ 6' (H501705-35)

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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	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		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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*=Accredited Analyte

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Hope S. Moreno For Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 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: SP6 @ 4' (H501705-40)

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		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: 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		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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Hope S. Moreno For Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 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: SP7 @ 2' (H501705-45)

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

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

Chloride, SM4500Cl-B		mg/kg		Analyzed 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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Hope S. Moreno For 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 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 For Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

145

Company Name: BBC International, Inc.		P.O. #:		BILL TO		ANALYSIS REQUEST																													
Project Manager: Cliff Brunson		Address: P.O. Box 805		Company:																															
City: Hobbs		State: NM Zip: 88241		Attn: SAME																															
Phone #: 575-397-6388		Fax #: 575-397-0397		Address:																															
Project #:		Project Owner: OUY		City:																															
Project Name: NHV 24-342		State:		Zip:																															
Project Location:		Phone #:		Fax #:																															
Sampler Name: Roger Hernandez		FOR LAB USE ONLY		MATRIX		PRESERV		SAMPLING																											
Lab I.D. H501705		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME							
1		SPIC SURFACE		G		1		✓		✓		✓		✓		✓		✓		✓		✓		✓		6.30A		758		✓					
2		2'		G		1		✓		✓		✓		✓		✓		✓		✓		✓		✓		6.30A		802		✓					
3		3'		G		1		✓		✓		✓		✓		✓		✓		✓		✓		✓		6.30A		830		✓					
4		4'		G		1		✓		✓		✓		✓		✓		✓		✓		✓		✓		6.30A		904		✓					
5		5'		G		1		✓		✓		✓		✓		✓		✓		✓		✓		✓		6.30A		930		✓					
6		6'		G		1		✓		✓		✓		✓		✓		✓		✓		✓		✓		6.30A		1005		✓					
7		7'		G		1		✓		✓		✓		✓		✓		✓		✓		✓		✓		6.30A		1055		✓					
8		SP20 SURFACE		G		1		✓		✓		✓		✓		✓		✓		✓		✓		✓		6.30A		1125		✓					
9		9'		G		1		✓		✓		✓		✓		✓		✓		✓		✓		✓		6.30A		1140		✓					
10		10'		G		1		✓		✓		✓		✓		✓		✓		✓		✓		✓		6.30A		1155		✓					

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Relinquished By: Roger Hernandez Date: 7-2-15 Time: _____
 Received By: Judy Garcia Date: 7-2-15 Time: _____
 Relinquished By: _____ Date: _____ Time: _____
 Received By: _____ Date: _____ Time: _____

Delivered By: (Circle One) UPS Bus Other 12.6c Sample Condition: Intact Cool Yes No Yes No CHECKED BY: 95. (Initials)

REMARKS: _____

Phone Result: Yes No Add'l Phone #: _____
 Fax Result: Yes No Add'l Fax #: _____

* Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

#54



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2085

BILL TO

ANALYSIS REQUEST

Company Name: BBC International, Inc.
 Project Manager: Cliff Brunson
 Address: P.O. Box 805
 City: Hobbs State: NM Zip: 88241
 Phone #: 575-397-6388 Fax #: 575-397-0397
 Project #: Project Owner: OKY
 Project Name: NHU 24 342
 Project Location:
 Sampler Name: Peger Hernandez
 FOR LAB USE ONLY

P.O. #: Company:
 Attn: Address: SAME
 City: State: Zip:
 Phone #: Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.		DATE	TIME	ANALYSIS REQUEST
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL			
H501705														CHLORIDE
11	SP2 @ 3'										6:30	1211		
12	@ 4'										6:30	110		
13	@ 5'										6:30	128		
14	@ 7'										6:30	730		
15	SP3 @ SURFACE										7:15	750		
16	@ 1'										7:15	810		
17	@ 2'										7:15	829		
18	@ 3'										7:15	840		
19	@ 4'										7:15	908		
20	@ 5'										7:15	919		

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Relinquished By: Peger Hernandez Date: 7-2-15 Received By: Judy Garcia Date: 7/2/15
 Relinquished By: Date: Time: Received By: Date: Time:
 Delivered By: (Circle One) UPS - Bus - Other: 12:00 Sample Condition: Cool Intact Yes No Checked By: (Initials) JG
 Phone Result: Yes No Add'l Phone #:
 Fax Result: Yes No Add'l Fax #:
 REMARKS:

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

#54



ARDINAL LABORATORIES
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

3 of 5

Company Name: BBC International, Inc.		BILL TO		ANALYSIS REQUEST	
Project Manager: Cliff Brunson		P.O. #:			
Address: P.O. Box 805		Company:			
City: Hobbs		Attn:			
State: NM Zip: 88241		Address: SAME			
Phone #: 575-397-6388		City:			
Fax #: 575-397-0397		State:			
Project #: _____		Zip:			
Project Name: NHU 24-342		Project Owner: DM			
Project Location: _____		Phone #:			
Sampler Name: Roger Hernandez		Fax #:			
FOR LAB USE ONLY		PRESERV		SAMPLING	
Lab I.D. H501705		Sample I.D.		CHLORIDE	
		(G)RAB OR (C)OMP		DATE	
		# CONTAINERS		TIME	
		GROUNDWATER			
		WASTEWATER			
		SOIL			
		OIL			
		SLUDGE			
		OTHER:			
		ACID/BASE:			
		ICE / COOL			
		OTHER:			
21 SP3 @ 6'		DATE		932	
22 SP4 @ SURFACE		DATE		1008	
23 @ 2'		DATE		1020	
24 @ 3'		DATE		1041	
25 @ 4'		DATE		1052	
26 @ 5'		DATE		1058	
27 @ 6'		DATE		1102	
28 @ 6'		DATE		1108	
29 SP5 @ SURFACE		DATE		1139	
30 @ 1'		DATE		1156	

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Relinquished By: *[Signature]* Date: 7-2-15 Time: _____

Received By: *[Signature]* Date: 7-2-15 Time: _____

Delivered By: (Circle One) UPS Bus Other: _____

Sample Condition: Intact Cool Yes No

CHECKED BY: *[Signature]* (Initials)

REMARKS: _____

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

#54



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

425

BILL TO

ANALYSIS REQUEST

Company Name: BBC International, Inc. P.O. #:
 Project Manager: Cliff Brunson Company:
 Address: P.O. Box 805 Attn:
 City: Hobbs State: NM Zip: 88241
 Phone #: 575-397-6388 Fax #: 575-397-0397
 Project #: Project Owner: ORY
 Project Name: NHU 24-342
 Project Location: Deger Hernandez
 Sampler Name: Deger Hernandez
 FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS	
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :				
#50105	SP5 @ 2'		1							7-1-15	12:11	✓	CHLORIDE
	SP5 @ 3'		1							7-1-15	12:25	✓	
	SP5 @ 4'		1							7-1-15	10:08	✓	
	SP5 @ 5'		1							7-1-15	12:00	✓	
	SP5 @ 6'		1							7-1-15	13:31	✓	
	SP5 @ SURFACE		1							7-1-15	7:00	✓	
	SP5 @ 1'		1							7-1-15	7:09	✓	
	SP5 @ 2'		1							7-1-15	7:20	✓	
	SP5 @ 3'		1							7-1-15	7:29	✓	
	SP5 @ 4'		1							7-1-15	7:42	✓	

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Relinquished By: [Signature] Date: 7-2-15
 Received By: Judy Garcia
 Delivered By: (Circle One) 6
 Sampler - UPS - Bus - Other: 12.6c
 Sample Condition: Cool Intact
 Checked By: [Signature] (Initials)
 Phone Result: Yes No Add'l Phone #:
 Fax Result: Yes No Add'l Fax #:
 REMARKS:

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

#54

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
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 8, 2011

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

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

Name of Company	Oxy Permian	Contact	Tony Aguilar
Address	1017 W. Stanolind Road	Telephone No.	(575) 397-8251
Facility Name	NHU 24-342	Facility Type	Injection Trunk Line
Surface Owner	Mineral Owner	API No.	30-025-29062

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
F	25	18S	37E					Lea County, NM

Latitude N 32.72122° Longitude W 103.20383°

NATURE OF RELEASE

Type of Release	Produced water	Volume of Release	145 bbls	Volume Recovered	45 bbls
Source of Release	Internal corrosion of a 4" steel injection trunk line	Date and Hour of Occurrence	05/10/2015 @ 10:30 am	Date and Hour of Discovery	
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	Tomas Oberding- NMOCD via email on 05/10/2015		
By Whom?	Tony Aguilar, Oxy	Date and Hour	05/10/2015 @ 12:19 pm		
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.			

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

A 4" steel line leaked due to internal corrosion causing 145 bbls of produced water to leak onto the ground. A vacuum truck recovered 45 bbls of water and as of 05/28/2015 the line is being repaired or replaced.

Describe Area Affected and Cleanup Action Taken.*

The area affected is approximately 110' x 325' on location. Remediation will be completed in accordance with a remediation plan approved by NMOCD.

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: 	OIL CONSERVATION DIVISION		
Printed Name: Tony Aguilar	Approved by Environmental Specialist:		
Title: HES Specialist	Approval Date:	Expiration Date:	
E-mail Address: Raymond_aguilar@oxy.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: <u>6-23-15</u> Phone: (575) 397-8251			

* Attach Additional Sheets If Necessary