



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

OXY – NHU SATELLITE #24 TL (7/18/16)

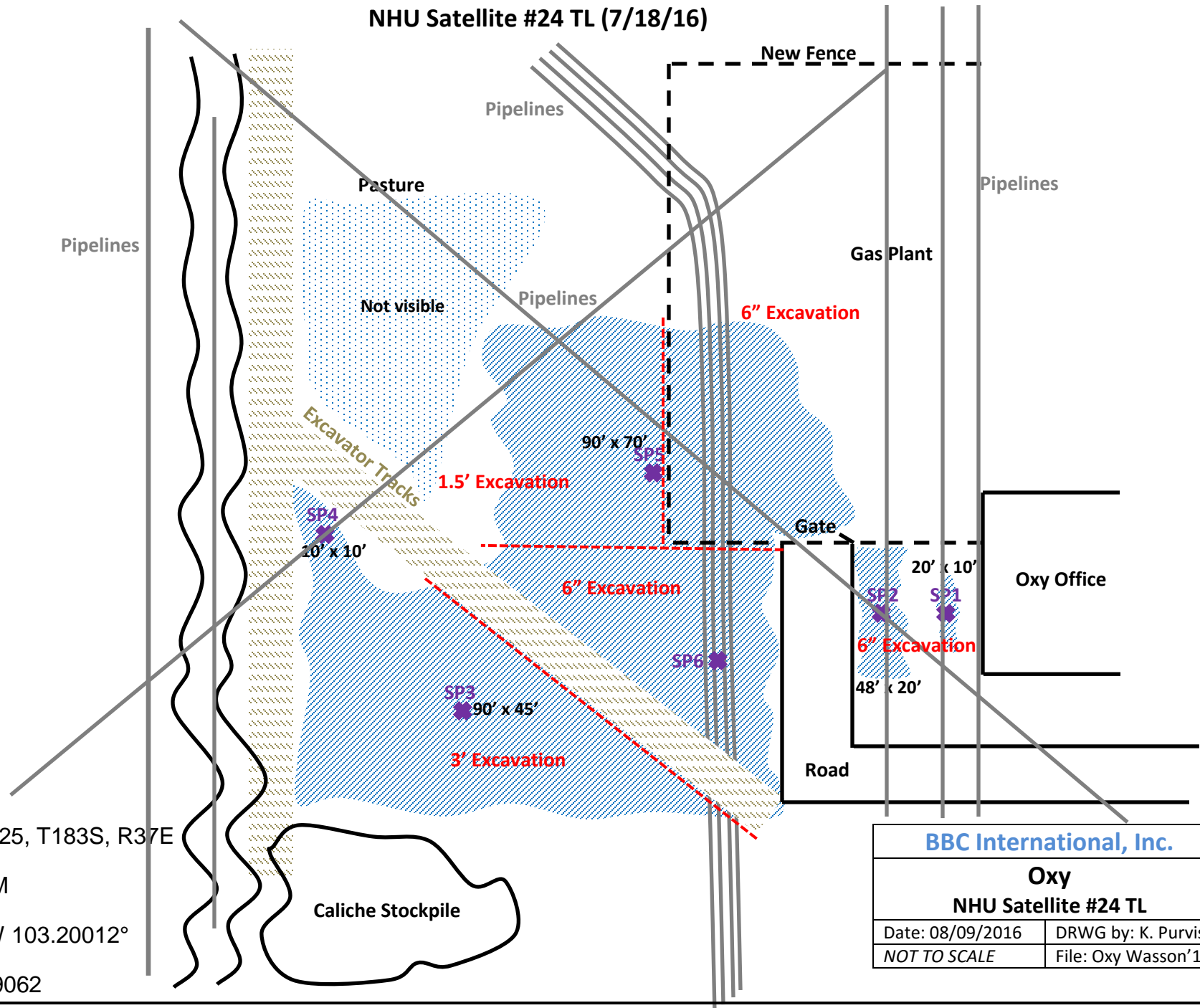
REMEDIATION PLAN

OXY will excavate the spill area as depicted on the following site diagram. In the areas near SP1, SP2, and SP6, the excavation will be a surface scrape (6 inches). In the area of SP5, the excavation will be 1.5 feet. In the area near SP3 and SP4, the excavation will be 3 feet. The entire site will then be backfilled with clean soil.

All excavated materials will be disposed of at an NMOCD-approved disposal facility.



Oxy
NHU Satellite #24 TL (7/18/16)



U/L G, Section 25, T183S, R37E

Lea County, NM

N 32.71872° W 103.20012°

API# 30-025-29062

BBC International, Inc.

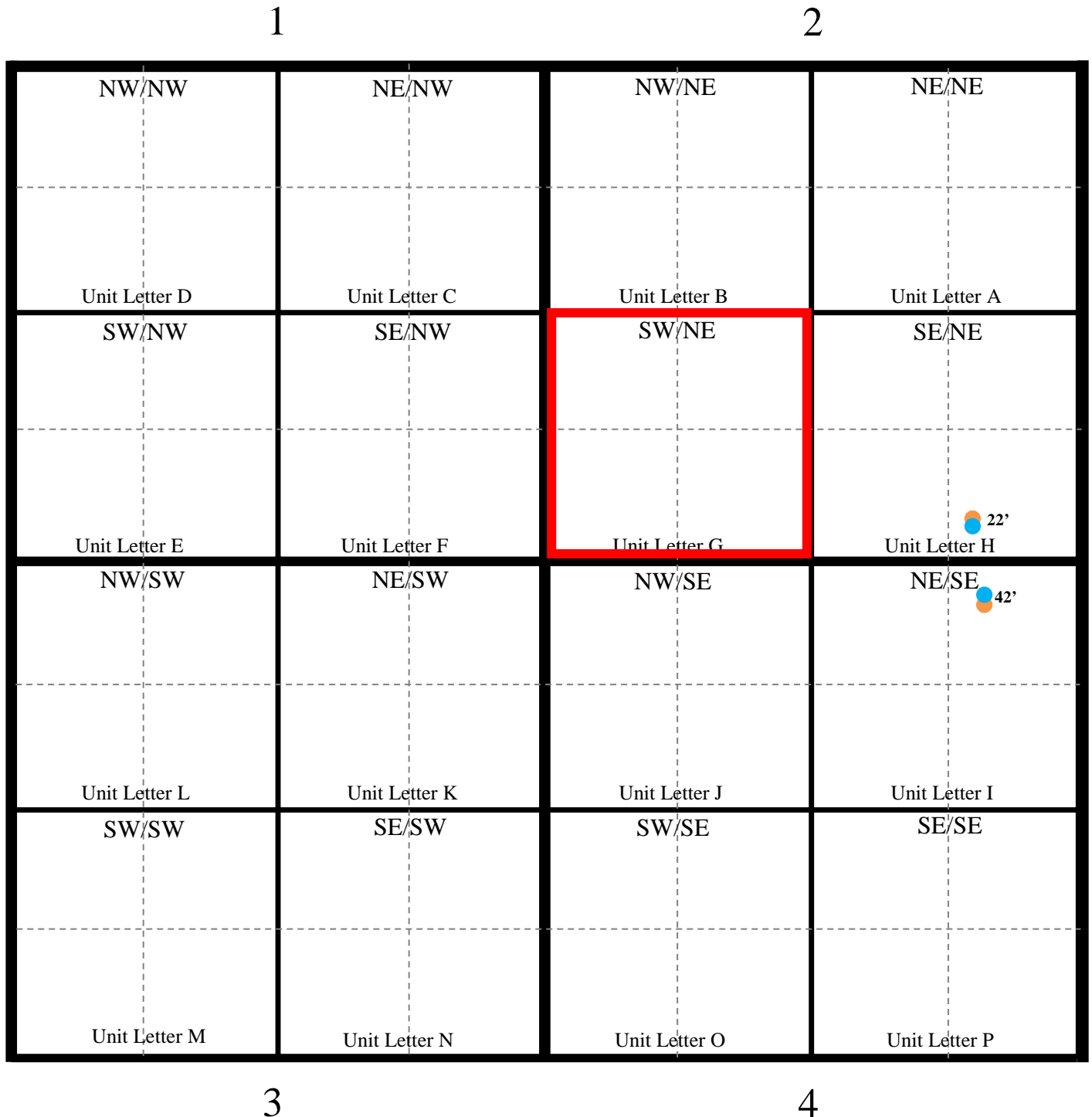
Oxy
NHU Satellite #24 TL

Date: 08/09/2016	DRWG by: K. Purvis
NOT TO SCALE	File: Oxy Wasson'16

Oxy NHU Satellite #24 TL

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

Trend Map <50'



Laboratory Analytical Results Summary
NHU Satellite #24 Trunkline

		Sample	SP1 @ SURFACE	SP1 @ 1'	SP1 @ 2'
Analyte	Method	Date	8/15/16	8/15/16	8/15/16
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	n/a	<0.050
Toluene	BTEX 8021B		<0.050	n/a	<0.050
Ethylbenzene	BTEX 8021B		<0.050	n/a	<0.050
Total Xylenes	BTEX 8021B		<0.150	n/a	<0.150
Total BTEX	BTEX 8021B		<0.300	n/a	<0.300
Chloride	SM4500Cl-B		1380	48	64
GRO	TPH 8015M		<10.0	n/a	<10.0
DRO	TPH 8015M		32.5	n/a	<10.0

		Sample	SP2 @ SURFACE	SP2 @ 1'	SP2 @ 2'
Analyte	Method	Date	8/15/16	8/15/16	8/15/16
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	n/a	<0.050
Toluene	BTEX 8021B		<0.050	n/a	<0.050
Ethylbenzene	BTEX 8021B		<0.050	n/a	<0.050
Total Xylenes	BTEX 8021B		<0.150	n/a	<0.150
Total BTEX	BTEX 8021B		<0.300	n/a	<0.300
Chloride	SM4500Cl-B		1460	64	48
GRO	TPH 8015M		<10.0	n/a	<10.0
DRO	TPH 8015M		14.6	n/a	<10.0

		Sample	SP3 @ SURFACE	SP3 @ 1'	SP3 @ 2'	SP3 @ 2.5'	SP3 @ 3.5'
Analyte	Method	Date	8/15/16	8/15/16	8/15/16	8/15/16	9/12/16
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	n/a	n/a	<0.050	<0.050
Toluene	BTEX 8021B		0.098	n/a	n/a	<0.050	<0.050
Ethylbenzene	BTEX 8021B		0.322	n/a	n/a	<0.050	<0.050
Total Xylenes	BTEX 8021B		1.3	n/a	n/a	<0.150	<0.150
Total BTEX	BTEX 8021B		1.72	n/a	n/a	<0.300	<0.300
Chloride	SM4500Cl-B		2880	432	144	160	16
GRO	TPH 8015M		228	n/a	n/a	<100	<10.0
DRO	TPH 8015M		45400	n/a	n/a	4710	<10.0

		Sample	SP4 @ SURFACE	SP4 @ 1'	SP4 @ 2'	SP4 @ 2.5'	SP4 @ 3'
Analyte	Method	Date	8/15/16	8/15/16	8/15/16	8/15/16	9/12/16
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.500	n/a	n/a	<0.050	<0.050
Toluene	BTEX 8021B		<0.500	n/a	n/a	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.500	n/a	n/a	<0.050	<0.050
Total Xylenes	BTEX 8021B		<1.50	n/a	n/a	<0.150	<0.150
Total BTEX	BTEX 8021B		<3.00	n/a	n/a	<0.300	<0.300
Chloride	SM4500Cl-B		2560	400	112	176	16
GRO	TPH 8015M		248	n/a	n/a	<100	<10.0
DRO	TPH 8015M		43100	n/a	n/a	4880	<10.0

		Sample	SP5 @ SURFACE	SP5 @ 1'	SP5 @ 2'	SP5 @ 2.5'
Analyte	Method	Date	8/15/16	8/15/16	8/15/16	8/15/16
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	n/a	n/a	<0.050
Toluene	BTEX 8021B		<0.050	n/a	n/a	<0.050
Ethylbenzene	BTEX 8021B		<0.050	n/a	n/a	<0.050
Total Xylenes	BTEX 8021B		<0.150	n/a	n/a	<0.150
Total BTEX	BTEX 8021B		<0.300	n/a	n/a	<0.300
Chloride	SM4500Cl-B		1570	800	112	64
GRO	TPH 8015M		<10.0	n/a	n/a	<10.0
DRO	TPH 8015M		148	n/a	n/a	38.1

		Sample	SP6 @ SURFACE	SP6 @ 1'	SP6 @ 2'
Analyte	Method	Date	8/17/16	8/17/16	8/17/16
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.100	n/a	<0.050
Toluene	BTEX 8021B		0.243	n/a	<0.050
Ethylbenzene	BTEX 8021B		0.408	n/a	<0.050
Total Xylenes	BTEX 8021B		2.42	n/a	<0.150
Total BTEX	BTEX 8021B		3.07	n/a	<0.300
Chloride	SM4500Cl-B		2080	192	48
GRO	TPH 8015M		<200	n/a	<10.0
DRO	TPH 8015M		37800	n/a	<10.0

August 25, 2016

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: NHU SATELLITE #24 TL

Enclosed are the results of analyses for samples received by the laboratory on 08/19/16 11:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. 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,



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:	08/19/2016	Sampling Date:	08/15/2016
Reported:	08/25/2016	Sampling Type:	Soil
Project Name:	NHU SATELLITE #24 TL	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	HOBBS, NM		

Sample ID: SP 1 @ SURFACE (H601872-01)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/21/2016	ND	2.34	117	2.00	0.544	
Toluene*	<0.050	0.050	08/21/2016	ND	2.38	119	2.00	0.515	
Ethylbenzene*	<0.050	0.050	08/21/2016	ND	2.27	113	2.00	0.249	
Total Xylenes*	<0.150	0.150	08/21/2016	ND	6.88	115	6.00	0.246	
Total BTEX	<0.300	0.300	08/21/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1380	16.0	08/23/2016	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/19/2016	ND	214	107	200	2.60	
DRO >C10-C28	32.5	10.0	08/19/2016	ND	230	115	200	4.12	

Surrogate: 1-Chlorooctane 75.0 % 35-147

Surrogate: 1-Chlorooctadecane 89.0 % 28-171

Sample ID: SP 1 @ 1' (H601872-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/23/2016	ND	416	104	400	0.00	

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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:	08/19/2016	Sampling Date:	08/15/2016
Reported:	08/25/2016	Sampling Type:	Soil
Project Name:	NHU SATELLITE #24 TL	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	HOBBS, NM		

Sample ID: SP 1 @ 2' (H601872-03)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/21/2016	ND	2.34	117	2.00	0.544	
Toluene*	<0.050	0.050	08/21/2016	ND	2.38	119	2.00	0.515	
Ethylbenzene*	<0.050	0.050	08/21/2016	ND	2.27	113	2.00	0.249	
Total Xylenes*	<0.150	0.150	08/21/2016	ND	6.88	115	6.00	0.246	
Total BTEx	<0.300	0.300	08/21/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/23/2016	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/23/2016	ND	214	107	200	0.125	
DRO >C10-C28	<10.0	10.0	08/23/2016	ND	217	108	200	4.78	

Surrogate: 1-Chlorooctane 64.2 % 35-147

Surrogate: 1-Chlorooctadecane 70.4 % 28-171

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Received:	08/19/2016	Sampling Date:	08/15/2016
Reported:	08/25/2016	Sampling Type:	Soil
Project Name:	NHU SATELLITE #24 TL	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	HOBBS, NM		

Sample ID: SP 2 @ SURFACE (H601872-04)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/21/2016	ND	2.34	117	2.00	0.544		
Toluene*	<0.050	0.050	08/21/2016	ND	2.38	119	2.00	0.515		
Ethylbenzene*	<0.050	0.050	08/21/2016	ND	2.27	113	2.00	0.249		
Total Xylenes*	<0.150	0.150	08/21/2016	ND	6.88	115	6.00	0.246		
Total BTEX	<0.300	0.300	08/21/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1460	16.0	08/23/2016	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/23/2016	ND	214	107	200	0.125	
DRO >C10-C28	14.6	10.0	08/23/2016	ND	217	108	200	4.78	

Surrogate: 1-Chlorooctane 47.0 % 35-147

Surrogate: 1-Chlorooctadecane 53.2 % 28-171

Sample ID: SP 2 @ 1' (H601872-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/23/2016	ND	416	104	400	0.00	

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

Received:	08/19/2016	Sampling Date:	08/15/2016
Reported:	08/25/2016	Sampling Type:	Soil
Project Name:	NHU SATELLITE #24 TL	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	HOBBS, NM		

Sample ID: SP 2 @ 2' (H601872-06)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/21/2016	ND	2.34	117	2.00	0.544	
Toluene*	<0.050	0.050	08/21/2016	ND	2.38	119	2.00	0.515	
Ethylbenzene*	<0.050	0.050	08/21/2016	ND	2.27	113	2.00	0.249	
Total Xylenes*	<0.150	0.150	08/21/2016	ND	6.88	115	6.00	0.246	
Total BTEx	<0.300	0.300	08/21/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/23/2016	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/23/2016	ND	214	107	200	0.125	
DRO >C10-C28	<10.0	10.0	08/23/2016	ND	217	108	200	4.78	

Surrogate: 1-Chlorooctane 81.8 % 35-147

Surrogate: 1-Chlorooctadecane 87.4 % 28-171

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Fax To: (575) 397-0397

Received:	08/19/2016	Sampling Date:	08/15/2016
Reported:	08/25/2016	Sampling Type:	Soil
Project Name:	NHU SATELLITE #24 TL	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	HOBBS, NM		

Sample ID: SP 3 @ SURFACE (H601872-07)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/22/2016	ND	2.34	117	2.00	0.544	
Toluene*	0.098	0.050	08/22/2016	ND	2.38	119	2.00	0.515	
Ethylbenzene*	0.322	0.050	08/22/2016	ND	2.27	113	2.00	0.249	
Total Xylenes*	1.30	0.150	08/22/2016	ND	6.88	115	6.00	0.246	
Total BTX	1.72	0.300	08/22/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2880	16.0	08/23/2016	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	228	200	08/23/2016	ND	214	107	200	0.125		
DRO >C10-C28	45400	200	08/23/2016	ND	217	108	200	4.78		

Surrogate: 1-Chlorooctane 132 % 35-147

Surrogate: 1-Chlorooctadecane 513 % 28-171

Sample ID: SP 3 @ 1' (H601872-08)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	08/23/2016	ND	416	104	400	0.00	

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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:	08/19/2016	Sampling Date:	08/15/2016
Reported:	08/25/2016	Sampling Type:	Soil
Project Name:	NHU SATELLITE #24 TL	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	HOBBS, NM		

Sample ID: SP 3 @ 1' (H601872-09)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	08/23/2016	ND	416	104	400	0.00	

Sample ID: SP 3 @ 2.5' (H601872-10)

BTEX 8021B			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/21/2016	ND	2.34	117	2.00	0.544	
Toluene*	<0.050	0.050	08/21/2016	ND	2.38	119	2.00	0.515	
Ethylbenzene*	<0.050	0.050	08/21/2016	ND	2.27	113	2.00	0.249	
Total Xylenes*	<0.150	0.150	08/21/2016	ND	6.88	115	6.00	0.246	
Total BTEX	<0.300	0.300	08/21/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	08/24/2016	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<100	100	08/23/2016	ND	214	107	200	0.125	
DRO >C10-C28	4710	100	08/23/2016	ND	217	108	200	4.78	

Surrogate: 1-Chlorooctane 67.8 % 35-147

Surrogate: 1-Chlorooctadecane 200 % 28-171

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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:	08/19/2016	Sampling Date:	08/15/2016
Reported:	08/25/2016	Sampling Type:	Soil
Project Name:	NHU SATELLITE #24 TL	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	HOBBS, NM		

Sample ID: SP 4 @ SURFACE (H601872-11)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.500	0.500	08/21/2016	ND	2.34	117	2.00	0.544		
Toluene*	<0.500	0.500	08/21/2016	ND	2.38	119	2.00	0.515		
Ethylbenzene*	<0.500	0.500	08/21/2016	ND	2.27	113	2.00	0.249		
Total Xylenes*	<1.50	1.50	08/21/2016	ND	6.88	115	6.00	0.246		
Total BTEx	<3.00	3.00	08/21/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2560	16.0	08/24/2016	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	248	200	08/23/2016	ND	214	107	200	0.125	
DRO >C10-C28	43100	200	08/23/2016	ND	217	108	200	4.78	

Surrogate: 1-Chlorooctane 144 % 35-147

Surrogate: 1-Chlorooctadecane 494 % 28-171

Sample ID: SP 4 @ 1' (H601872-12)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	08/24/2016	ND	400	100	400	3.92	

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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:	08/19/2016	Sampling Date:	08/15/2016
Reported:	08/25/2016	Sampling Type:	Soil
Project Name:	NHU SATELLITE #24 TL	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	HOBBS, NM		

Sample ID: SP 4 @ 2' (H601872-13)

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	08/24/2016	ND	400	100	400	3.92		

Sample ID: SP 4 @ 2.5' (H601872-14)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/21/2016	ND	2.34	117	2.00	0.544	
Toluene*	<0.050	0.050	08/21/2016	ND	2.38	119	2.00	0.515	
Ethylbenzene*	<0.050	0.050	08/21/2016	ND	2.27	113	2.00	0.249	
Total Xylenes*	<0.150	0.150	08/21/2016	ND	6.88	115	6.00	0.246	
Total BTEx	<0.300	0.300	08/21/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	08/24/2016	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<100	100	08/23/2016	ND	214	107	200	0.125	
DRO >C10-C28	4880	100	08/23/2016	ND	217	108	200	4.78	

Surrogate: 1-Chlorooctane 71.5 % 35-147

Surrogate: 1-Chlorooctadecane 206 % 28-171

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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:	08/19/2016	Sampling Date:	08/15/2016
Reported:	08/25/2016	Sampling Type:	Soil
Project Name:	NHU SATELLITE #24 TL	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	HOBBS, NM		

Sample ID: SP 5 @ SURFACE (H601872-15)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2016	ND	2.37	118	2.00	1.51	
Toluene*	<0.050	0.050	08/24/2016	ND	2.37	118	2.00	1.94	
Ethylbenzene*	<0.050	0.050	08/24/2016	ND	2.22	111	2.00	2.56	
Total Xylenes*	<0.150	0.150	08/24/2016	ND	6.71	112	6.00	2.61	
Total BTX	<0.300	0.300	08/24/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1570	16.0	08/24/2016	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/23/2016	ND	214	107	200	0.125	
DRO >C10-C28	148	10.0	08/23/2016	ND	217	108	200	4.78	

Surrogate: 1-Chlorooctane 69.0 % 35-147

Surrogate: 1-Chlorooctadecane 88.1 % 28-171

Sample ID: SP 5 @ 1' (H601872-16)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	800	16.0	08/24/2016	ND	400	100	400	3.92	

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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:	08/19/2016	Sampling Date:	08/15/2016
Reported:	08/25/2016	Sampling Type:	Soil
Project Name:	NHU SATELLITE #24 TL	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	HOBBS, NM		

Sample ID: SP 5 @ 2' (H601872-17)

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	08/24/2016	ND	400	100	400	3.92		

Sample ID: SP 5 @ 2.5' (H601872-18)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2016	ND	2.37	118	2.00	1.51	
Toluene*	<0.050	0.050	08/24/2016	ND	2.37	118	2.00	1.94	
Ethylbenzene*	<0.050	0.050	08/24/2016	ND	2.22	111	2.00	2.56	
Total Xylenes*	<0.150	0.150	08/24/2016	ND	6.71	112	6.00	2.61	
Total BTEx	<0.300	0.300	08/24/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/24/2016	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/23/2016	ND	214	107	200	0.125	
DRO >C10-C28	38.1	10.0	08/23/2016	ND	217	108	200	4.78	

Surrogate: 1-Chlorooctane 76.2 % 35-147

Surrogate: 1-Chlorooctadecane 85.6 % 28-171

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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:	08/19/2016	Sampling Date:	08/17/2016
Reported:	08/25/2016	Sampling Type:	Soil
Project Name:	NHU SATELLITE #24 TL	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	HOBBS, NM		

Sample ID: SP 6 @ SURFACE (H601872-19)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	08/24/2016	ND	2.37	118	2.00	1.51	
Toluene*	0.243	0.100	08/24/2016	ND	2.37	118	2.00	1.94	
Ethylbenzene*	0.408	0.100	08/24/2016	ND	2.22	111	2.00	2.56	
Total Xylenes*	2.42	0.300	08/24/2016	ND	6.71	112	6.00	2.61	
Total BTX	3.07	0.600	08/24/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2080	16.0	08/24/2016	ND	400	100	400	3.92	
TPH 8015M		mg/kg		Analyzed By: MS					
S-06									

Surrogate: 1-Chlorooctane 104 % 35-147

Surrogate: 1-Chlorooctadecane 447 % 28-171

Sample ID: SP 6 @ 1' (H601872-20)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	08/24/2016	ND	400	100	400	3.92	

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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:	08/19/2016	Sampling Date:	08/17/2016
Reported:	08/25/2016	Sampling Type:	Soil
Project Name:	NHU SATELLITE #24 TL	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	HOBBS, NM		

Sample ID: SP 6 @ 2' (H601872-21)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2016	ND	2.37	118	2.00	1.51	
Toluene*	<0.050	0.050	08/24/2016	ND	2.37	118	2.00	1.94	
Ethylbenzene*	<0.050	0.050	08/24/2016	ND	2.22	111	2.00	2.56	
Total Xylenes*	<0.150	0.150	08/24/2016	ND	6.71	112	6.00	2.61	
Total BTX	<0.300	0.300	08/24/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/24/2016	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/23/2016	ND	214	107	200	0.125	
DRO >C10-C28	<10.0	10.0	08/23/2016	ND	217	108	200	4.78	

Surrogate: 1-Chlorooctane 63.9 % 35-147

Surrogate: 1-Chlorooctadecane 73.8 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside if QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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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Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

~~W~~

Company Name: BBC International, Inc.		P.O. #:		BILL TO		ANALYSIS REQUEST	
Project Manager: Cliff Brunson		Company:					
Address: P.O. Box 805		Attn:					
City: Hobbs		Address:					
State: NM zip: 88241		City:					
Phone #: 575-397-6388		State: Zip:					
Fax #: 575-397-0397		Phone #:					
Project #: 044		Fax #:					
Project Name: NHA. Seville #24 TL							
Project Location: Hobbs NM							
Sampler Name: L.B.							
FOR LAB USE ONLY							
Lab I.D.		Sample I.D.					
H4082		SP/e5r					
01		G-1		8-15		X	
02		G-1		8:10		X	
03		G-1		8:37		X	
04		G-1		9:17		X	
05		G-1		9:45		X	
06		G-1		10:00		X	
07		G-1		10:25		X	
08		G-1		10:45		X	
09		G-1		11:21		X	
10		G-1		11:50		X	
2 1/2		G-1		12:05		X	
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Relinquished By: [Signature]		Date: 8-19-16		Time: 11:30		Phone Result: [] Yes [] No	
Delivered By: [Signature]		Date: 8/19/16		Time: 11:30		Fax Result: [] Yes [] No	
Sampler - UPS - Bus - Other:		Received By: [Signature]		Time: 11:30		Add'l Phone #: []	
Delivered By: [Signature]		Date: 8/19/16		Time: 11:30		Add'l Fax #: []	
Sampler - UPS - Bus - Other:		Received By: [Signature]		Time: 11:30		Add'l Phone #: []	
Delivered By: [Signature]		Date: 8/19/16		Time: 11:30		Add'l Fax #: []	
Sampler - UPS - Bus - Other:		Received By: [Signature]		Time: 11:30		Add'l Phone #: []	
Delivered By: [Signature]		Date: 8/19/16		Time: 11:30		Add'l Fax #: []	
Sampler - UPS - Bus - Other:		Received By: [Signature]		Time: 11:30		Add'l Phone #: []	
Delivered By: [Signature]		Date: 8/19/16		Time: 11:30		Add'l Fax #: []	
Sampler - UPS - Bus - Other:		Received By: [Signature]		Time: 11:30		Add'l Phone #: []	
Delivered By: [Signature]		Date: 8/19/16		Time: 11:30		Add'l Fax #: []	
Sampler - UPS - Bus - Other:		Received By: [Signature]		Time: 11:30		Add'l Phone #: []	
Delivered By: [Signature]		Date: 8/19/16		Time: 11:30		Add'l Fax #: []	
Sampler - UPS - Bus - Other:		Received By: [Signature]		Time: 11:30		Add'l Phone #: []	
Delivered By: [Signature]		Date: 8/19/16		Time: 11:30		Add'l Fax #: []	
Sampler - UPS - Bus - Other:		Received By: [Signature]		Time: 11:30		Add'l Phone #: []	
Delivered By: [Signature]		Date: 8/19/16		Time: 11:30		Add'l Fax #: []	
Sampler - UPS - Bus - Other:		Received By: [Signature]		Time: 11:30		Add'l Phone #: []	
Delivered By: [Signature]		Date: 8/19/16		Time: 11:30		Add'l Fax #: []	
Sampler - UPS - Bus - Other:		Received By: [Signature]		Time: 11:30		Add'l Phone #: []	
Delivered By: [Signature]		Date: 8/19/16		Time: 11:30		Add'l Fax #: []	
Sampler - UPS - Bus - Other:		Received By: [Signature]		Time: 11:30		Add'l Phone #: []	
Delivered By: [Signature]		Date: 8/19/16		Time: 11:30		Add'l Fax #: []	
Sampler - UPS - Bus - Other:		Received By: [Signature]		Time: 11:30		Add'l Phone #: []	
Delivered By: [Signature]		Date: 8/19/16		Time: 11:30		Add'l Fax #: []	
Sampler - UPS - Bus - Other:		Received By: [Signature]		Time: 11:30		Add'l Phone #: []	
Delivered By: [Signature]		Date: 8/19/16		Time: 11:30		Add'l Fax #: []	
Sampler - UPS - Bus - Other:		Received By: [Signature]		Time: 11:30		Add'l Phone #: []	
Delivered By: [Signature]		Date: 8/19/16		Time: 11:30		Add'l Fax #: []	
Sampler - UPS - Bus - Other:		Received By: [Signature]		Time: 11:30		Add'l Phone #: []	
Delivered By: [Signature]		Date: 8/19/16		Time: 11:30		Add'l Fax #: []	
Sampler - UPS - Bus - Other:		Received By: [Signature]		Time: 11:30		Add'l Phone #: []	
Delivered By: [Signature]		Date: 8/19/16		Time: 11:30		Add'l Fax #: []	
Sampler - UPS - Bus - Other:		Received By: [Signature]		Time: 11:30		Add'l Phone #: []	
Delivered By: [Signature]		Date: 8/19/16		Time: 11:30		Add'l Fax #: []	
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Delivered By: [Signature]		Date: 8/19/16		Time: 11:30		Add'l Fax #: []	
Sampler - UPS - Bus - Other:		Received By: [Signature]		Time: 11:30		Add'l Phone #: []	



CARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: BBC International, Inc.

Project Manager: Cliff Brunson

Address: P.O. Box 805

City: Hobbs

Phone #: 575-397-6388

Project #:

Project Name:

Project Location:

Sample Name:

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

1101872-

11

12

13

14

15

16

17

18

19

20

SP405ur

2

2 1/2

SP505ur

2

2 1/2

SP605ur

2 1/2

2 1/2

2 1/2

2 1/2

2 1/2

2 1/2

2 1/2

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

Relinquished By:

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CARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

3/3

Company Name: BBC International, Inc.

Project Manager: Cliff Brunson

Address: P.O. Box 805

City: Hobbs

Phone #: 575-397-6388

Project #:

Project Name:

Project Location:

Sampler Name:

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

H601372-21

sp6e2

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

BTEX
TPH
CI-

BILL TO

P.O. #:

Company:

Attn:

Address:

City:

State: Zip:

Phone #:

Fax #:

ANALYSIS REQUEST

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 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 consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: *[Signature]* Date: 8/19/16 Time: 11:30

Received By: *[Signature]* Date: 8/19/16 Time: 11:30

Relinquished By:

Delivered By: *[Signature]*

Sampler - UPS - Bus - Other:

4.2°C

Sample Condition
Cool Intact
☒ Yes
☐ No

CHECKED BY: *[Signature]*

Initials: *[Signature]*

Phone Result: ☐ Yes ☐ No Add'l Phone #:

Fax Result: ☐ Yes ☐ No Add'l Fax #:

REMARKS:



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

September 19, 2016

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: NHU SATELLITE #24 TL

Enclosed are the results of analyses for samples received by the laboratory on 09/13/16 10:25.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. 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 "Celey D. Keene". The signature is written in a cursive, flowing style.

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:	09/13/2016	Sampling Date:	09/12/2016
Reported:	09/19/2016	Sampling Type:	Soil
Project Name:	NHU SATELLITE #24 TL	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HOBBS, NM		

Sample ID: SP 3 @ 3.5' (H602041-01)

BTX 8021B			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/15/2016	ND	2.01	101	2.00	0.0950	
Toluene*	<0.050	0.050	09/15/2016	ND	2.04	102	2.00	0.0251	
Ethylbenzene*	<0.050	0.050	09/15/2016	ND	1.95	97.3	2.00	0.114	
Total Xylenes*	<0.150	0.150	09/15/2016	ND	5.85	97.6	6.00	0.135	
Total BTX	<0.300	0.300	09/15/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 73.6-140

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AC				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/14/2016	ND	432	108	400	0.00	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	09/16/2016	ND	203	102	200	0.675	
DRO >C10-C28	<10.0	10.0	09/16/2016	ND	205	102	200	4.17	

Surrogate: 1-Chlorooctane 89.0 % 35-147

Surrogate: 1-Chlorooctadecane 93.0 % 28-171

Cardinal Laboratories

*=Accredited Analyte

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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:	09/13/2016	Sampling Date:	09/12/2016
Reported:	09/19/2016	Sampling Type:	Soil
Project Name:	NHU SATELLITE #24 TL	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HOBBS, NM		

Sample ID: SP 4 @ 3' (H602041-02)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/16/2016	ND	2.17	109	2.00	1.46		
Toluene*	<0.050	0.050	09/16/2016	ND	2.22	111	2.00	1.09		
Ethylbenzene*	<0.050	0.050	09/16/2016	ND	2.13	106	2.00	1.02		
Total Xylenes*	<0.150	0.150	09/16/2016	ND	6.39	107	6.00	0.838		
Total BTEx	<0.300	0.300	09/16/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/14/2016	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	09/16/2016	ND	203	102	200	0.675		
DRO >C10-C28	<10.0	10.0	09/16/2016	ND	205	102	200	4.17		

Surrogate: 1-Chlorooctane 80.8 % 35-147

Surrogate: 1-Chlorooctadecane 86.1 % 28-171

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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

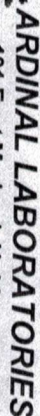
Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Page 5 of 5

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 USA Inc.	Contact	Matthew Ledesma
Address	3145 W State Rd #114, Levelland, TX 79336	Telephone No.	(806) 893-2811
Facility Name	NHU Satellite #24 TL	Facility Type	Satellite
Surface Owner	Oxy	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
G	25	18S	37E					Lea County, NM

Latitude N 32.71872° Longitude W 103.20012°

NATURE OF RELEASE

Type of Release	Oil and Produced water	Volume of Release	2 bbls oil, 128 bbls produced water	Volume Recovered	120 bbls produced water
Source of Release	A third party construction crew hit an 8" fiberglass production trunk line	Date and Hour of Occurrence	07/18/2016	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?	Jamie Keyes-NMOCD		
By Whom?	Tony Aguilar - Oxy	Date and Hour	07/18/2016 @ 12:13 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.*

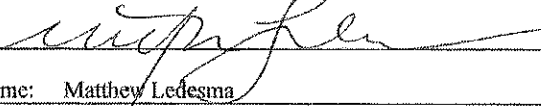
A third party construction crew struck an 8" fiberglass production trunk line causing 2 bbls of oil and 128 bbls of produced water to spill. The line was repaired and a vacuum truck recovered 120 bbls of produced water.

Describe Area Affected and Cleanup Action Taken.*

The area affected is approximately 300' x 400' both on and off 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.

OIL CONSERVATION DIVISION

Signature: 	Approved by Environmental Specialist:		
Printed Name: Matthew Ledesma			
Title: HES Ops Specialist	Approval Date:	Expiration Date:	
E-mail Address: Matthew.Ledesma@oxy.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 8-9-16	Phone: (806) 893-2811		

* Attach Additional Sheets If Necessary