

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

APPROVED

By OCD District 1 at 7:09 am, Jul 29, 2015

OXY – LW WHITE NCT-B TRACT-A BATTERY

Confirmation samples are to be taken at SP 6, 11, 12, 16, and 2 more from the general area.

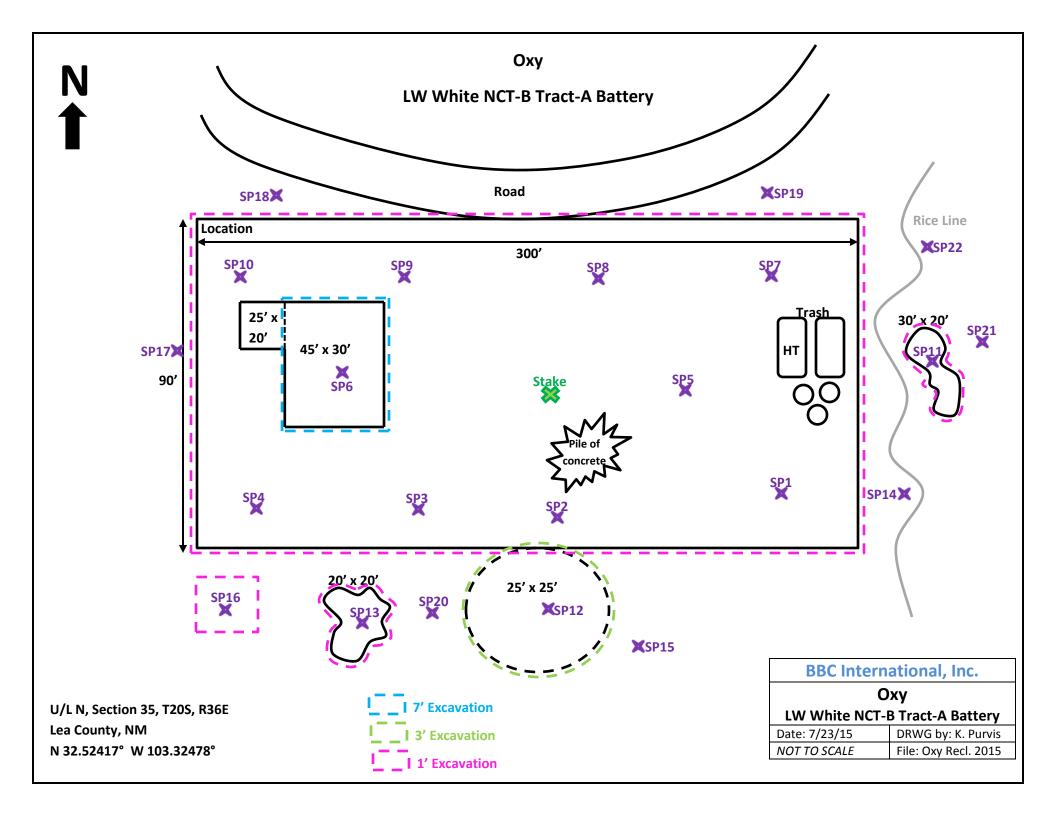
REMEDIATION PLAN

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. In the area near SP12, the excavation will be to a depth of 3 feet. In the area near SP6, the excavation will be to a depth of 7 feet. A confirmation sample will be taken in the area near SP16 after excavation and analyzed for BTEX and TPH to confirm the removal of contaminants to acceptable levels. All excavated materials will be disposed of at an NMOCD-approved disposal facility.

A confirmation sample will be collected after excavation and analyzed for BTEX and TPH to verify appropriate removal of contaminants.

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

The site will then be backfilled with clean soil.





Groundwater Plot

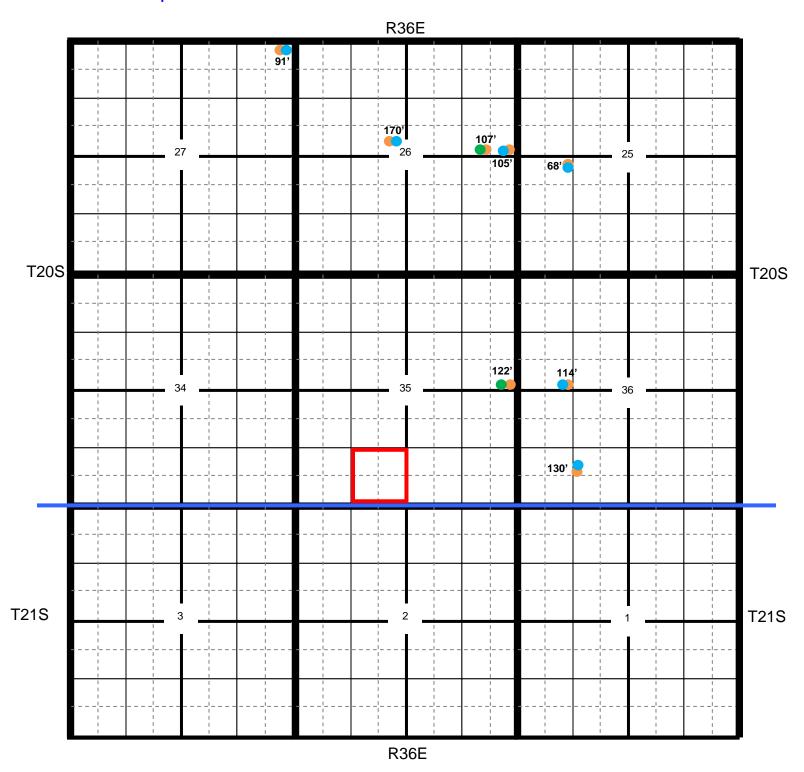
Oxy LW White NCT-B Tract A Battery

CountyUnit LetterSectionTownshipRangeLeaN3520S36E

Trend Map 125'-150'

Location

OCD



USGS

SEO

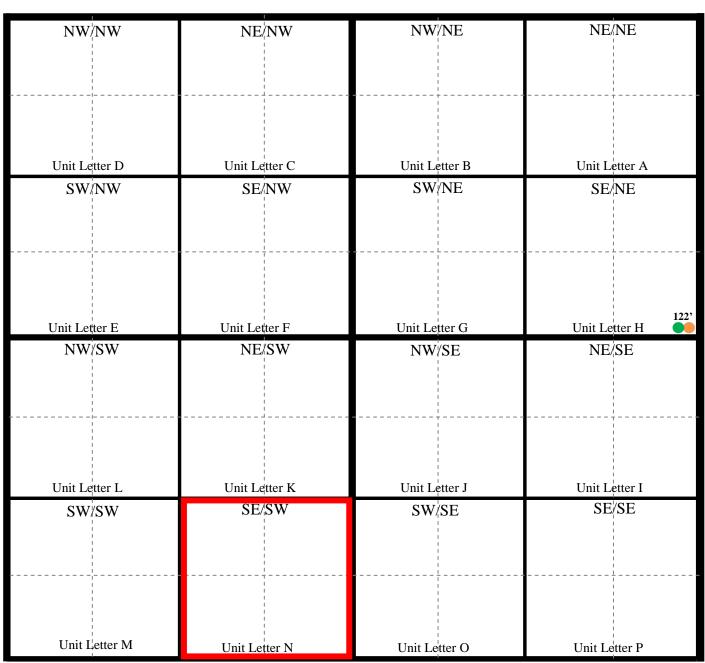
All Databases

Oxy LW White NCT-B Tract A Battery

CountyUnit LetterSectionTownshipRangeLeaN3520S36E

Trend Map 125'-150'

1



3

Laboratory Analytical Results Summary LW White NCT-B Tract-A Battery

		Sample	SP1 @ 1'	SP1 @ 2'	SP1 @ 3'
Analyte	Method	Date	5/22/15	5/22/15	5/22/15
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		< 0.050	< 0.050	< 0.050
Toluene	BTEX 8021B		< 0.050	< 0.050	< 0.050
Ethylbenzene	BTEX 8021B		< 0.050	< 0.050	< 0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		< 0.300	< 0.300	< 0.300
Chloride	SM4500CI-B		<16.0	<16.0	<16.0
GRO	TPH 8015M		<50.0	<10.0	<10.0
DRO	TPH 8015M		350	15.1	<10.0

		Sample	SP2 @ 1'	SP2 @ 2'	SP2 @ 3'	SP2 @ 5'
Analyte	Method	Date	5/22/15	5/22/15	5/22/15	5/22/15
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050
Toluene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050
Ethylbenzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		< 0.300	< 0.300	< 0.300	< 0.300
Chloride	SM4500CI-B		<16.0	16	<16.0	<16.0
GRO	TPH 8015M		<50.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		1630	51.7	12.6	<10.0

		Sample	SP3 @ 1'	SP3 @ 2'	SP3 @ 3'
Analyte	Method	Date	5/22/15	5/22/15	5/22/15
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		< 0.050	< 0.050	< 0.050
Toluene	BTEX 8021B		< 0.050	< 0.050	< 0.050
Ethylbenzene	BTEX 8021B		< 0.050	< 0.050	< 0.050
Total Xylenes	BTEX 8021B		< 0.150	< 0.150	< 0.150
Total BTEX	BTEX 8021B		< 0.300	< 0.300	< 0.300
Chloride	SM4500CI-B		<16.0	<16.0	<16.0
GRO	TPH 8015M		<10.0	<50.0	<10.0
DRO	TPH 8015M		78.7	402	<10.0

		Sample	SP4 @ 1'	SP4 @ 2'	SP4 @ 3'
Analyte	Method	Date	5/22/15	5/22/15	5/22/15
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		< 0.050	< 0.050	< 0.050
Toluene	BTEX 8021B		< 0.050	< 0.050	< 0.050
Ethylbenzene	BTEX 8021B		< 0.050	< 0.050	< 0.050
Total Xylenes	BTEX 8021B		< 0.150	< 0.150	< 0.150
Total BTEX	BTEX 8021B		< 0.300	< 0.300	< 0.300
Chloride	SM4500CI-B		<16.0	<16.0	<16.0
GRO	TPH 8015M		<50.0	<50.0	<10.0
DRO	TPH 8015M		1180	462	<10.0

		Sample	SP5 @ 1'	SP5 @ 2'	SP5 @ 3'
Analyte	Method	Date	5/26/15	5/26/15	5/26/15
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B	3	< 0.050	< 0.050	< 0.050
Toluene	BTEX 8021B	3	< 0.050	0.066	< 0.050
Ethylbenzene	BTEX 8021B	3	0.381	1.99	0.089
Total Xylenes	BTEX 8021B	}	0.584	1.77	<0.150
Total BTEX	BTEX 8021B	3	0.964	3.83	< 0.300
Chloride	SM4500CI-B		<16.0	<16.0	<16.0
GRO	TPH 8015M		<100	53.9	<10.0
DRO	TPH 8015M		8120	457	20.2

		Sample	SP6 @ 1'	SP6 @ 3'	SP6 @ 6'	SP6 @ 9'	SP6 @ 11'
Analyte	Method	Date	5/26/15	5/26/15	5/26/15	5/26/15	5/26/15
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		< 0.050	< 0.500	< 0.500	< 0.050	< 0.050
Toluene	BTEX 8021B		< 0.050	<0.500	<0.500	< 0.050	< 0.050
Ethylbenzene	BTEX 8021B		< 0.050	<0.500	6.12	< 0.050	< 0.050
Total Xylenes	BTEX 8021B		0.478	6.93	13.4	<0.150	<0.150
Total BTEX	BTEX 8021B		0.478	6.93	19.5	< 0.300	< 0.300
Chloride	SM4500CI-B		<16.0	96	112	<16.0	<16.0
GRO	TPH 8015M		<50.0	911	1210	<10.0	<10.0
DRO	TPH 8015M		1530	11200	21900	21.6	<10.0

		Sample	SP7 @ 1'	SP7 @ 2'
Analyte	Method	Date	5/26/15	5/26/15
			mg/Kg	mg/Kg
Benzene	BTEX 8021B	3	< 0.050	< 0.050
Toluene	BTEX 8021B	3	< 0.050	< 0.050
Ethylbenzene	BTEX 8021B	3	< 0.050	< 0.050
Total Xylenes	BTEX 8021B	3	< 0.150	< 0.150
Total BTEX	BTEX 8021B	3	< 0.300	< 0.300
Chloride	SM4500CI-B		<16.0	<16.0
GRO	TPH 8015M		<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0

		Sample	SP8 @ 1'	SP8 @ 2'	SP8 @ 3'
Analyte	Method	Date	5/26/15	5/26/15	5/26/15
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B	1	< 0.050	< 0.050	< 0.050
Toluene	BTEX 8021B		< 0.050	< 0.050	< 0.050
Ethylbenzene	BTEX 8021B	1	0.706	< 0.050	< 0.050
Total Xylenes	BTEX 8021B	1	0.946	< 0.150	< 0.150
Total BTEX	BTEX 8021B		1.65	< 0.300	< 0.300
Chloride	SM4500CI-B		<16.0	<16.0	<16.0
GRO	TPH 8015M		<50.0	<10.0	<10.0
DRO	TPH 8015M		819	81.7	10.2

Laboratory Analytical Results Summary LW White NCT-B Tract-A Battery

		Sample	SP9 @ 1'	SP9 @ 2'
Analyte	Method	Date	5/26/15	5/26/15
			mg/Kg	mg/Kg
Benzene	BTEX 8021B		< 0.050	< 0.050
Toluene	BTEX 8021B		< 0.050	< 0.050
Ethylbenzene	BTEX 8021B		< 0.050	< 0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150
Total BTEX	BTEX 8021B		< 0.300	< 0.300
Chloride	SM4500CI-B		<16.0	<16.0
GRO	TPH 8015M		<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0

		Sample	SP10 @ 1'	SP10 @ 2'	SP10 @ 3'	SP10 @ 5'
Analyte	Method	Date	5/27/15	5/27/15	5/27/15	5/27/15
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050
Toluene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050
Ethylbenzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		< 0.300	< 0.300	< 0.300	< 0.300
Chloride	SM4500CI-B		<16.0	<16.0	176	<16.0
GRO	TPH 8015M		<50.0	<50.0	<50.0	<10.0
DRO	TPH 8015M		697	52.7	485	<10.0

		Sample	SP11 @ 1'	SP11 @ 2'	SP11 @ 3'
Analyte	Method	Date	5/27/15	5/27/15	5/27/15
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		< 0.050	< 0.050	< 0.050
Toluene	BTEX 8021B		< 0.050	< 0.050	< 0.050
Ethylbenzene	BTEX 8021B		< 0.050	< 0.050	< 0.050
Total Xylenes	BTEX 8021B		< 0.150	< 0.150	< 0.150
Total BTEX	BTEX 8021B		< 0.300	< 0.300	< 0.300
Chloride	SM4500CI-B		64	16	<16.0
GRO	TPH 8015M		<50.0	<10.0	<10.0
DRO	TPH 8015M		261	42.4	<10.0

		Sample	SP12 @ 1'	SP12 @ 4'	SP12 @ 7'	SP12 @ 9'	SP12 @ 13'	SP12 @ 15'
Analyte	Method	Date	5/27/15	5/27/15	5/27/15	5/27/15	5/27/15	5/27/15
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Toluene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Ethylbenzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300
Chloride	SM4500CI-B		<16.0	96	<16.0	64	64	<16.0
GRO	TPH 8015M		129	<50.0	<50.0	<50.0	<10.0	<10.0
DRO	TPH 8015M		7760	96	286	4490	131	<10.0

		Sample	SP13 @ 1'	SP13 @ 2'
Analyte	Method	Date	5/28/15	5/28/15
			mg/Kg	mg/Kg
Benzene	BTEX 8021B	3	< 0.050	< 0.050
Toluene	BTEX 8021B	3	< 0.050	< 0.050
Ethylbenzene	BTEX 8021B	3	< 0.050	< 0.050
Total Xylenes	BTEX 8021B	3	< 0.150	< 0.150
Total BTEX	BTEX 8021B	3	< 0.300	< 0.300
Chloride	SM4500CI-B		<16.0	32
GRO	TPH 8015M		<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0

		Sample	SP14 @ SURFACE
Analyte	Method	Date	5/28/15
			mg/Kg
Benzene	BTEX 8021B	3	< 0.050
Toluene	BTEX 8021B	3	< 0.050
Ethylbenzene	BTEX 8021B	3	< 0.050
Total Xylenes	BTEX 8021B	3	< 0.150
Total BTEX	BTEX 8021B	3	< 0.300
Chloride	SM4500CI-B		384
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		987

		Sample	SP15 @ SURFACE
Analyte	Method	Date	5/28/15
			mg/Kg
Benzene	BTEX 8021B	3	< 0.050
Toluene	BTEX 8021B	3	< 0.050
Ethylbenzene	BTEX 8021B	3	< 0.050
Total Xylenes	BTEX 8021B	3	< 0.150
Total BTEX	BTEX 8021B	3	< 0.300
Chloride	SM4500CI-B		<16.0
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0

		Sample	SP16 @ SURFACE
Analyte	Method	Date	5/28/15
			mg/Kg
Benzene	BTEX 8021B	3	< 0.050
Toluene	BTEX 8021B	3	< 0.050
Ethylbenzene	BTEX 8021B	3	0.055
Total Xylenes	BTEX 8021B	3	< 0.150
Total BTEX	BTEX 8021B	3	< 0.300
Chloride	SM4500CI-B		304
GRO	TPH 8015M		<100
DRO	TPH 8015M		9780

SP17 @ SURFACE Sample Date Analyte Method 5/28/15 mg/Kg BTEX 8021B Benzene <0.050 Toluene BTEX 8021B <0.050 Ethylbenzene BTEX 8021B Total Xylenes BTEX 8021B Total BTEX BTEX 8021B <0.050 <0.150 <0.300 Chloride GRO SM4500CI-B <16.0 TPH 8015M <10.0 DRO TPH 8015M <10.0

		Sample	SP18 @
		Campic	SURFACE
Analyte	Method	Date	5/29/15
			mg/Kg
Benzene	BTEX 8021B		< 0.050
Toluene	BTEX 8021B		< 0.050
Ethylbenzene	BTEX 8021B		< 0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		< 0.300
Chloride	SM4500CI-B		<16.0
GRO	TPH 8015M		<10.0
DRO	TPH 8015M	•	19.9

		Sample	SP19 @ SURFACE
Analyte	Method	Date	5/29/15
			mg/Kg
Benzene	BTEX 8021B		< 0.050
Toluene	BTEX 8021B		< 0.050
Ethylbenzene	BTEX 8021B		< 0.050
Total Xylenes	BTEX 8021B		< 0.150
Total BTEX	BTEX 8021B		< 0.300
Chloride	SM4500CI-B		<16.0
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0

		Sample	SP20 @ SURFACE
Analyte	Method	Date	5/29/15
			mg/Kg
Benzene	BTEX 8021B		< 0.050
Toluene	BTEX 8021B		< 0.050
Ethylbenzene	BTEX 8021B		< 0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		< 0.300
Chloride	SM4500CI-B		<16.0
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		74.7

Laboratory Analytical Results Summary LW White NCT-B Tract-A Battery

		Sample	SP21 @ SURFACE
Analyte	Method	Date	5/29/15
			mg/Kg
Benzene	BTEX 8021B	S	< 0.050
Toluene	BTEX 8021B	3	< 0.050
Ethylbenzene	BTEX 8021B	3	< 0.050
Total Xylenes	BTEX 8021B	S	< 0.150
Total BTEX	BTEX 8021B	3	< 0.300
Chloride	SM4500CI-B		<16.0
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		71

		Sample	SP22 @ SURFACE
Analyte	Method	Date	5/29/15
			mg/Kg
Benzene	BTEX 8021B	3	< 0.050
Toluene	BTEX 8021B	S	< 0.050
Ethylbenzene	BTEX 8021B	3	< 0.050
Total Xylenes	BTEX 8021B	S	<0.150
Total BTEX	BTEX 8021B	3	< 0.300
Chloride	SM4500CI-B		<16.0
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		67.6



June 04, 2015

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: LW WHITE NCT-B TRACT-A

Enclosed are the results of analyses for samples received by the laboratory on 05/29/15 10:20.

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)

Celey D. Keine

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



BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 05/29/2015 Sampling Date: 05/22/2015

Reported: 06/04/2015 Sampling Type: Soil

Project Name: LW WHITE NCT-B TRACT-A Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: MONUMENT, NM

Sample ID: SP 1 @ 1 (H501352-01)

BTEX 8021B	mg/kg		Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/02/2015	ND	1.91	95.5	2.00	1.33	
Toluene*	< 0.050	0.050	06/02/2015	ND	1.96	97.8	2.00	1.11	
Ethylbenzene*	< 0.050	0.050	06/02/2015	ND	1.85	92.5	2.00	0.0191	
Total Xylenes*	<0.150	0.150	06/02/2015	ND	5.39	89.8	6.00	0.167	
Total BTEX	<0.300	0.300	06/02/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 %	61-154	!						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/01/2015	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	05/30/2015	ND	172	85.8	200	4.29	
DRO >C10-C28	350	50.0	05/30/2015	ND	183	91.5	200	7.92	
Surrogate: 1-Chlorooctane	94.5	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	148 %	6 52.1-17	6						

Cardinal Laboratories *=Accredited Analyte

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BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 05/29/2015 Sampling Date: 05/22/2015

Reported: 06/04/2015 Sampling Type: Soil

Project Name: LW WHITE NCT-B TRACT-A Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: MONUMENT, NM

Sample ID: SP 1 @ 2 (H501352-02)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/02/2015	ND	1.91	95.5	2.00	1.33	
Toluene*	<0.050	0.050	06/02/2015	ND	1.96	97.8	2.00	1.11	
Ethylbenzene*	<0.050	0.050	06/02/2015	ND	1.85	92.5	2.00	0.0191	
Total Xylenes*	<0.150	0.150	06/02/2015	ND	5.39	89.8	6.00	0.167	
Total BTEX	<0.300	0.300	06/02/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 %	61-154	!						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/01/2015	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/30/2015	ND	172	85.8	200	4.29	
DRO >C10-C28	15.1	10.0	05/30/2015	ND	183	91.5	200	7.92	
Surrogate: 1-Chlorooctane	94.3	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	117 9	6 52.1-17	6						

Surrogate: 1-Chlorooctadecane 117 % 52.1-176

Cardinal Laboratories *=Accredited Analyte

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Fax To: (575) 397-0397

Received: 05/29/2015 Sampling Date: 05/22/2015

Reported: 06/04/2015 Sampling Type: Soil

Project Name: LW WHITE NCT-B TRACT-A Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: MONUMENT, NM

Sample ID: SP 1 @ 3 (H501352-03)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/02/2015	ND	1.91	95.5	2.00	1.33	
Toluene*	< 0.050	0.050	06/02/2015	ND	1.96	97.8	2.00	1.11	
Ethylbenzene*	< 0.050	0.050	06/02/2015	ND	1.85	92.5	2.00	0.0191	
Total Xylenes*	< 0.150	0.150	06/02/2015	ND	5.39	89.8	6.00	0.167	
Total BTEX	<0.300	0.300	06/02/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 %	61-154	!						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/01/2015	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/30/2015	ND	172	85.8	200	4.29	
DRO >C10-C28	<10.0	10.0	05/30/2015	ND	183	91.5	200	7.92	
Surrogate: 1-Chlorooctane	100 %	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	115 %	6 52.1-17	6						

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Fax To: (575) 397-0397

Received: 05/29/2015 Sampling Date: 05/22/2015

Reported: 06/04/2015 Sampling Type: Soil

Project Name: LW WHITE NCT-B TRACT-A Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: MONUMENT, NM

Sample ID: SP 2 @ 1 (H501352-04)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/02/2015	ND	1.91	95.5	2.00	1.33	
Toluene*	<0.050	0.050	06/02/2015	ND	1.96	97.8	2.00	1.11	
Ethylbenzene*	<0.050	0.050	06/02/2015	ND	1.85	92.5	2.00	0.0191	
Total Xylenes*	<0.150	0.150	06/02/2015	ND	5.39	89.8	6.00	0.167	
Total BTEX	<0.300	0.300	06/02/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 %	61-154	!						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/01/2015	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	05/30/2015	ND	172	85.8	200	4.29	
DRO >C10-C28	1630	50.0	05/30/2015	ND	183	91.5	200	7.92	
Surrogate: 1-Chlorooctane	95.9 9	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	186 %	6 52.1-17	6						

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Received: 05/29/2015 Sampling Date: 05/22/2015

Reported: 06/04/2015 Sampling Type: Soil

Project Name: LW WHITE NCT-B TRACT-A Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: MONUMENT, NM

Sample ID: SP 2 @ 2 (H501352-05)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/02/2015	ND	1.91	95.5	2.00	1.33	
Toluene*	< 0.050	0.050	06/02/2015	ND	1.96	97.8	2.00	1.11	
Ethylbenzene*	< 0.050	0.050	06/02/2015	ND	1.85	92.5	2.00	0.0191	
Total Xylenes*	< 0.150	0.150	06/02/2015	ND	5.39	89.8	6.00	0.167	
Total BTEX	<0.300	0.300	06/02/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 %	61-154	!						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/01/2015	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/30/2015	ND	172	85.8	200	4.29	
DRO >C10-C28	51.7	10.0	05/30/2015	ND	183	91.5	200	7.92	
Surrogate: 1-Chlorooctane	110 %	6 47.2-15	7						
Surrogate: 1-Chlorooctadecane	131 9	52.1-17	6						

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Received: 05/29/2015 Sampling Date: 05/22/2015

Reported: 06/04/2015 Sampling Type: Soil

Project Name: LW WHITE NCT-B TRACT-A Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: MONUMENT, NM

Sample ID: SP 2 @ 3 (H501352-06)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/02/2015	ND	1.91	95.5	2.00	1.33	
Toluene*	<0.050	0.050	06/02/2015	ND	1.96	97.8	2.00	1.11	
Ethylbenzene*	<0.050	0.050	06/02/2015	ND	1.85	92.5	2.00	0.0191	
Total Xylenes*	<0.150	0.150	06/02/2015	ND	5.39	89.8	6.00	0.167	
Total BTEX	<0.300	0.300	06/02/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 %	61-154	1						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/01/2015	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/30/2015	ND	172	85.8	200	4.29	
DRO >C10-C28	12.6	10.0	05/30/2015	ND	183	91.5	200	7.92	
Surrogate: 1-Chlorooctane	107 9	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	122 9	% 52.1-17	6						

Surrogate: 1-Chlorooctadecane 122 % 52.1-176

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Received: 05/29/2015 Sampling Date: 05/22/2015

Reported: 06/04/2015 Sampling Type: Soil

Project Name: LW WHITE NCT-B TRACT-A Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: MONUMENT, NM

Sample ID: SP 2 @ 5 (H501352-07)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/02/2015	ND	1.91	95.5	2.00	1.33	
Toluene*	<0.050	0.050	06/02/2015	ND	1.96	97.8	2.00	1.11	
Ethylbenzene*	<0.050	0.050	06/02/2015	ND	1.85	92.5	2.00	0.0191	
Total Xylenes*	<0.150	0.150	06/02/2015	ND	5.39	89.8	6.00	0.167	
Total BTEX	<0.300	0.300	06/02/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 %	61-154	!						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/01/2015	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/30/2015	ND	172	85.8	200	4.29	
DRO >C10-C28	<10.0	10.0	05/30/2015	ND	183	91.5	200	7.92	
Surrogate: 1-Chlorooctane	97.9	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	110 %	52.1-17	6						

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Received: 05/29/2015 Sampling Date: 05/22/2015

Reported: 06/04/2015 Sampling Type: Soil

Project Name: LW WHITE NCT-B TRACT-A Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: MONUMENT, NM

Sample ID: SP 3 @ 1 (H501352-08)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/02/2015	ND	1.91	95.5	2.00	1.33	
Toluene*	< 0.050	0.050	06/02/2015	ND	1.96	97.8	2.00	1.11	
Ethylbenzene*	< 0.050	0.050	06/02/2015	ND	1.85	92.5	2.00	0.0191	
Total Xylenes*	<0.150	0.150	06/02/2015	ND	5.39	89.8	6.00	0.167	
Total BTEX	<0.300	0.300	06/02/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 %	61-154	!						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/01/2015	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/30/2015	ND	172	85.8	200	4.29	
DRO >C10-C28	78.7	10.0	05/30/2015	ND	183	91.5	200	7.92	
Surrogate: 1-Chlorooctane	109 %	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	125 %	6 52.1-17	6						

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Received: 05/29/2015 Sampling Date: 05/22/2015

Reported: 06/04/2015 Sampling Type: Soil

Project Name: LW WHITE NCT-B TRACT-A Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: MONUMENT, NM

Sample ID: SP 3 @ 2 (H501352-09)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/02/2015	ND	1.91	95.5	2.00	1.33	
Toluene*	<0.050	0.050	06/02/2015	ND	1.96	97.8	2.00	1.11	
Ethylbenzene*	<0.050	0.050	06/02/2015	ND	1.85	92.5	2.00	0.0191	
Total Xylenes*	<0.150	0.150	06/02/2015	ND	5.39	89.8	6.00	0.167	
Total BTEX	<0.300	0.300	06/02/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 %	61-154	1						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/01/2015	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	05/30/2015	ND	172	85.8	200	4.29	
DRO >C10-C28	402	50.0	05/30/2015	ND	183	91.5	200	7.92	
Surrogate: 1-Chlorooctane	103 %	6 47.2-15	7						
Surrogate: 1-Chlorooctadecane	147 %	6 52.1-17	6						

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Received: 05/29/2015 Sampling Date: 05/22/2015

Reported: 06/04/2015 Sampling Type: Soil

Project Name: LW WHITE NCT-B TRACT-A Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: MONUMENT, NM

Sample ID: SP 3 @ 3 (H501352-10)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/02/2015	ND	1.91	95.5	2.00	1.33	
Toluene*	<0.050	0.050	06/02/2015	ND	1.96	97.8	2.00	1.11	
Ethylbenzene*	<0.050	0.050	06/02/2015	ND	1.85	92.5	2.00	0.0191	
Total Xylenes*	<0.150	0.150	06/02/2015	ND	5.39	89.8	6.00	0.167	
Total BTEX	<0.300	0.300	06/02/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 %	61-154	!						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/01/2015	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/01/2015	ND	177	88.4	200	2.82	
DRO >C10-C28	<10.0	10.0	06/01/2015	ND	192	96.0	200	5.99	
Surrogate: 1-Chlorooctane	91.4	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	104 9	52.1-17	6						

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Received: 05/29/2015 Sampling Date: 05/22/2015

Reported: 06/04/2015 Sampling Type: Soil

Project Name: LW WHITE NCT-B TRACT-A Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: MONUMENT, NM

Sample ID: SP 4 @ 1 (H501352-11)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/02/2015	ND	1.91	95.5	2.00	1.33	
Toluene*	< 0.050	0.050	06/02/2015	ND	1.96	97.8	2.00	1.11	
Ethylbenzene*	<0.050	0.050	06/02/2015	ND	1.85	92.5	2.00	0.0191	
Total Xylenes*	<0.150	0.150	06/02/2015	ND	5.39	89.8	6.00	0.167	
Total BTEX	<0.300	0.300	06/02/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 %	61-154	!						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/01/2015	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	06/01/2015	ND	177	88.4	200	2.82	
DRO >C10-C28	1180	50.0	06/01/2015	ND	192	96.0	200	5.99	
Surrogate: 1-Chlorooctane	94.6	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	182 9	52.1-17	6						

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Received: 05/29/2015 Sampling Date: 05/22/2015

Reported: 06/04/2015 Sampling Type: Soil

Project Name: LW WHITE NCT-B TRACT-A Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: MONUMENT, NM

Sample ID: SP 4 @ 2 (H501352-12)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/02/2015	ND	1.91	95.5	2.00	1.33	
Toluene*	< 0.050	0.050	06/02/2015	ND	1.96	97.8	2.00	1.11	
Ethylbenzene*	< 0.050	0.050	06/02/2015	ND	1.85	92.5	2.00	0.0191	
Total Xylenes*	<0.150	0.150	06/02/2015	ND	5.39	89.8	6.00	0.167	
Total BTEX	<0.300	0.300	06/02/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 %	61-154	!						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/01/2015	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	06/01/2015	ND	177	88.4	200	2.82	
DRO >C10-C28	462	50.0	06/01/2015	ND	192	96.0	200	5.99	
Surrogate: 1-Chlorooctane	95.7	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	156 %	52.1-17	6						

Cardinal Laboratories *=Accredited Analyte

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 client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 05/29/2015 Sampling Date: 05/22/2015

Reported: 06/04/2015 Sampling Type: Soil

Project Name: LW WHITE NCT-B TRACT-A Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: MONUMENT, NM

Sample ID: SP 4 @ 3 (H501352-13)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/02/2015	ND	1.91	95.5	2.00	1.33	
Toluene*	<0.050	0.050	06/02/2015	ND	1.96	97.8	2.00	1.11	
Ethylbenzene*	<0.050	0.050	06/02/2015	ND	1.85	92.5	2.00	0.0191	
Total Xylenes*	<0.150	0.150	06/02/2015	ND	5.39	89.8	6.00	0.167	
Total BTEX	<0.300	0.300	06/02/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 %	61-154	!						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/01/2015	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/01/2015	ND	177	88.4	200	2.82	
DRO >C10-C28	<10.0	10.0	06/01/2015	ND	192	96.0	200	5.99	
Surrogate: 1-Chlorooctane	98.2	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	111 %	6 52.1-17	6						

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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.

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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AKUI 101	101 East Marland, Hobbs, NM 88240	240			
(508)	(505) 393-2326 FAX (505) 393-2476	6	BILL TO	A	ANALYSIS REQUEST
Project Manager: (Cliff Brunson		P.O. #:		
w			Company:		7
obs	State: NM	Zip: 88241	Attn:		
Phone #: 575-397-6388	Fax #:	575-397-0397	Address:		
	Project Owner:	VXV.	City:		
Project Name:	White NCT-B	4-4	State: Zip:		
Project Location:	Monument	Men	Phone #:	24	
Sampler Name:	Jeff Ornols 5		Fax #:		
FOR LAB USE ONLY			TRESERVE.		
Lab I.D.	Sample I.D.		HER: ID/BASE: E/COOL HER:	<i>J</i> =	
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PLEASE NOTE: Liability and D	amages. Cardinal's liability and client's exclusive remedy for any claim alising whether be	or any claim arising whether based in contra	ed in contract or tort, shall be limited to the amount paid in writing and received by Cardinal within 30 days after	amount paid by the client for the 30 days after completion of the applicable	
analyses. All claims including the service. In no event shall Cardi	analyses. All claims including those for negligerine and any outer value insurance, and the claims including those for negligerine and any outer value insurance, and the property of the claims including the claims included th	ding without limitation, business interruptions by Cardinal, regardless of whether such clain	n is based upon any of the above stated reas	t. □ Vac □	Add'l Phone #:
Relinquished By:	Date: 78/	Received By:	1000	Fax Result:	Add'l Fax #:
Relinquished By:	Date:	Received By:	C/020/		
	Time:				
Delivered By: (Circle One)		Sample Condition Cool Intact	ition CHECKED BT:		
Sampler - UPS -	Bus - Other:	1	No CVV		

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



CHAIN-OF-CUSTODY AND ANALYSIS REQUE

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(505) 393-	(505) 393-2326 FAX (505) 393-24/6		ANALYSIS REQUEST	
Company Name: BBC In:	BBC International, Inc.	BILL 10		
Project Manager: Cliff Brunson	unson	P.O. #:		
Address: P.O. Box 805		Company:		
city: Hobbs	State: NM zip: 88241	Attn:		
Phone #: 575-397-6388	Fax #: 575-397-0397	Address:		
Project #:	Project Owner:	city: MA		
Project Name: LW U	this NOT-B Treet A	State: Zip:		
Project Location:	Comment, MM	Phone #:		
Sampler Name: 1767	Quelss	7		
FOR LAB USE ONLY	P. MATRIX	PRESERV. SAMPLING	7,	
Lab I.D.	Sample I.D. AB OR (C)OMP NTAINERS UNDWATER TEWATER	DGE ER: D/BASE: / COOL ER:	B. 7	
	# C	OT AC	22< X X X	
12 7	62 6		X X X	
13	63 61 +	*	\$49 1 F	
PLEASE NOTE: Liability and Damages. Car analyses. All claims including those for negli	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 applicable 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 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.	ntract or tort, shall be limited to the amount paid ing and received by Cardinal within 30 days after of tions, loss of use, or loss of profits incurred by clic	by the client for the completion of the applicable completion of the applicable ent, its substituries.	
Relinquished By:	ed to the performance of services hereunder by Cardinal, regardness of whether such damin's services. Phone Results S-25/5 Received By: Fax Result Remarks	Day Nova	Phone Result:	
Relinquished By:	Date: Received By:	across		
Delivered By: (Circle One)		ndition CHECKED BY:		
Sampler - UPS - Bus - Other:	2.80	Yes Maria		



June 12, 2015

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: LW WHITE NCT-B TRACT-A

Enclosed are the results of analyses for samples received by the laboratory on 06/05/15 9:45.

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.

Celey D. Keine

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



BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 06/05/2015 Sampling Date: 05/26/2015

Reported: 06/12/2015 Sampling Type: Soil

Project Name: LW WHITE NCT-B TRACT-A Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

A ... - I. ... - - I D. .. MC

Project Location: MONUMENT, NM

Sample ID: SP 5 @ 1 (H501453-01)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2015	ND	2.03	102	2.00	0.541	
Toluene*	<0.050	0.050	06/09/2015	ND	2.03	102	2.00	1.55	
Ethylbenzene*	0.381	0.050	06/09/2015	ND	2.16	108	2.00	1.39	
Total Xylenes*	0.584	0.150	06/09/2015	ND	5.98	99.6	6.00	1.32	
Total BTEX	0.964	0.300	06/09/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 %	61-154							
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/11/2015	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<100	100	06/09/2015	ND	186	93.1	200	2.60	
DRO >C10-C28	8120	100	06/09/2015	ND	202	101	200	14.1	
Surrogate: 1-Chlorooctane	113 %	6 47.2-15	7						
Surrogate: 1-Chlorooctadecane	357 %	6 52.1-17	6						

Cardinal Laboratories *=Accredited Analyte

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BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 06/05/2015 Sampling Date: 05/26/2015

Reported: 06/12/2015 Sampling Type: Soil

Project Name: LW WHITE NCT-B TRACT-A Sampling Condition: Cool & Intact Project Number: Sample Received By: NONE GIVEN Jodi Henson

Project Location: MONUMENT, NM

Sample ID: SP 5 @ 2 (H501453-02)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2015	ND	2.03	102	2.00	0.541	
Toluene*	0.066	0.050	06/09/2015	ND	2.03	102	2.00	1.55	
Ethylbenzene*	1.99	0.050	06/09/2015	ND	2.16	108	2.00	1.39	
Total Xylenes*	1.77	0.150	06/09/2015	ND	5.98	99.6	6.00	1.32	
Total BTEX	3.83	0.300	06/09/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	134	% 61-154	1						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/11/2015	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	53.9	50.0	06/09/2015	ND	186	93.1	200	2.60	
DRO >C10-C28	457	50.0	06/09/2015	ND	202	101	200	14.1	
Surrogate: 1-Chlorooctane	102	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	189	% 52 1-17	6						

Surrogate: 1-Chlorooctadecane 189 % 52.1-176

Cardinal Laboratories *=Accredited Analyte

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BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 06/05/2015 Sampling Date: 05/26/2015

Reported: 06/12/2015 Sampling Type: Soil

Project Name: LW WHITE NCT-B TRACT-A Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: MONUMENT, NM

Sample ID: SP 5 @ 3 (H501453-03)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2015	ND	2.03	102	2.00	0.541	
Toluene*	< 0.050	0.050	06/09/2015	ND	2.03	102	2.00	1.55	
Ethylbenzene*	0.089	0.050	06/09/2015	ND	2.16	108	2.00	1.39	
Total Xylenes*	<0.150	0.150	06/09/2015	ND	5.98	99.6	6.00	1.32	
Total BTEX	<0.300	0.300	06/09/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 %	61-154	!						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/11/2015	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/09/2015	ND	186	93.1	200	2.60	
DRO >C10-C28	20.2	10.0	06/09/2015	ND	202	101	200	14.1	
Surrogate: 1-Chlorooctane	106 %	6 47.2-15	7						
Surrogate: 1-Chlorooctadecane	122 %	6 52.1-17	6						

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BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 06/05/2015 Sampling Date: 05/26/2015

Reported: 06/12/2015 Sampling Type: Soil

Project Name: LW WHITE NCT-B TRACT-A Sampling Condition: Cool & Intact Project Number: Sample Received By: NONE GIVEN Jodi Henson

Project Location: MONUMENT, NM

Sample ID: SP 6 @ 1 (H501453-04)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2015	ND	2.03	102	2.00	0.541	
Toluene*	<0.050	0.050	06/09/2015	ND	2.03	102	2.00	1.55	
Ethylbenzene*	<0.050	0.050	06/09/2015	ND	2.16	108	2.00	1.39	
Total Xylenes*	0.478	0.150	06/09/2015	ND	5.98	99.6	6.00	1.32	
Total BTEX	0.478	0.300	06/09/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	119 9	% 61-154	!						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/11/2015	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	06/09/2015	ND	186	93.1	200	2.60	
DRO >C10-C28	1530	50.0	06/09/2015	ND	202	101	200	14.1	
Surrogate: 1-Chlorooctane	106 9	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	165	% 52 1-17	6						

Surrogate: 1-Chlorooctadecane 165 % 52.1-176

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BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 06/05/2015 Sampling Date: 05/26/2015

Reported: 06/12/2015 Sampling Type: Soil

Project Name: LW WHITE NCT-B TRACT-A Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: MONUMENT, NM

Sample ID: SP 6 @ 3 (H501453-05)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	06/09/2015	ND	2.03	102	2.00	0.541	
Toluene*	<0.500	0.500	06/09/2015	ND	2.03	102	2.00	1.55	
Ethylbenzene*	<0.500	0.500	06/09/2015	ND	2.16	108	2.00	1.39	
Total Xylenes*	6.93	1.50	06/09/2015	ND	5.98	99.6	6.00	1.32	
Total BTEX	6.93	3.00	06/09/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 61-154	!						
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	06/11/2015	ND	416	104	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	911	100	06/09/2015	ND	186	93.1	200	2.60	
DRO >C10-C28	11200	100	06/09/2015	ND	202	101	200	14.1	
Surrogate: 1-Chlorooctane	229	% 47.2-15	7						

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Celey D. Keine

Surrogate: 1-Chlorooctadecane

361 %

52.1-176



BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 06/05/2015 Sampling Date: 05/26/2015

Reported: 06/12/2015 Sampling Type: Soil

Project Name: LW WHITE NCT-B TRACT-A Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Jodi Henson

MONUMENT, NM Project Location:

Sample ID: SP 6 @ 6 (H501453-06)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	06/09/2015	ND	2.03	102	2.00	0.541	
Toluene*	<0.500	0.500	06/09/2015	ND	2.03	102	2.00	1.55	
Ethylbenzene*	6.12	0.500	06/09/2015	ND	2.16	108	2.00	1.39	
Total Xylenes*	13.4	1.50	06/09/2015	ND	5.98	99.6	6.00	1.32	
Total BTEX	19.5	3.00	06/09/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	131 9	61-154							
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	06/11/2015	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
	1210	100	06/09/2015	ND	186	93.1	200	2.60	
GRO C6-C10									

478 % 52.1-176 Surrogate: 1-Chlorooctadecane

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

Fax To: (575) 397-0397

Received: 06/05/2015 Sampling Date: 05/26/2015

Reported: 06/12/2015 Sampling Type: Soil

Project Name: LW WHITE NCT-B TRACT-A Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: MONUMENT, NM

Sample ID: SP 6 @ 9 (H501453-07)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2015	ND	2.03	102	2.00	0.541	
Toluene*	< 0.050	0.050	06/09/2015	ND	2.03	102	2.00	1.55	
Ethylbenzene*	< 0.050	0.050	06/09/2015	ND	2.16	108	2.00	1.39	
Total Xylenes*	<0.150	0.150	06/09/2015	ND	5.98	99.6	6.00	1.32	
Total BTEX	<0.300	0.300	06/09/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 %	61-154	!						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/11/2015	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/09/2015	ND	186	93.1	200	2.60	
DRO >C10-C28	21.6	10.0	06/09/2015	ND	202	101	200	14.1	
Surrogate: 1-Chlorooctane	113 %	6 47.2-15	7						
Surrogate: 1-Chlorooctadecane	123 %	6 52.1-17	6						

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Received: 06/05/2015 Sampling Date: 05/26/2015

Reported: 06/12/2015 Sampling Type: Soil

Project Name: LW WHITE NCT-B TRACT-A Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: MONUMENT, NM

Sample ID: SP 6 @ 11 (H501453-08)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2015	ND	2.03	102	2.00	0.541	
Toluene*	< 0.050	0.050	06/09/2015	ND	2.03	102	2.00	1.55	
Ethylbenzene*	< 0.050	0.050	06/09/2015	ND	2.16	108	2.00	1.39	
Total Xylenes*	<0.150	0.150	06/09/2015	ND	5.98	99.6	6.00	1.32	
Total BTEX	<0.300	0.300	06/09/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 %	6 61-154							
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/11/2015	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/09/2015	ND	186	93.1	200	2.60	
DRO >C10-C28	<10.0	10.0	06/09/2015	ND	202	101	200	14.1	
Surrogate: 1-Chlorooctane	107 %	6 47.2-157	7						
Surrogate: 1-Chlorooctadecane	123 %	6 52.1-170	5						

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Received: 06/05/2015 Sampling Date: 05/26/2015

Reported: 06/12/2015 Sampling Type: Soil

Project Name: LW WHITE NCT-B TRACT-A Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: MONUMENT, NM

Sample ID: SP 7 @ 1 (H501453-09)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2015	ND	2.03	102	2.00	0.541	
Toluene*	<0.050	0.050	06/09/2015	ND	2.03	102	2.00	1.55	
Ethylbenzene*	<0.050	0.050	06/09/2015	ND	2.16	108	2.00	1.39	
Total Xylenes*	<0.150	0.150	06/09/2015	ND	5.98	99.6	6.00	1.32	
Total BTEX	<0.300	0.300	06/09/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 61-154	!						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/11/2015	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/09/2015	ND	186	93.1	200	2.60	
DRO >C10-C28	<10.0	10.0	06/09/2015	ND	202	101	200	14.1	
Surrogate: 1-Chlorooctane	105 9	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	125 9	% 52.1-17	6						

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Received: 06/05/2015 Sampling Date: 05/26/2015

Reported: 06/12/2015 Sampling Type: Soil

Project Name: LW WHITE NCT-B TRACT-A Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: MONUMENT, NM

Sample ID: SP 7 @ 2 (H501453-10)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2015	ND	2.03	102	2.00	0.541	
Toluene*	<0.050	0.050	06/09/2015	ND	2.03	102	2.00	1.55	
Ethylbenzene*	<0.050	0.050	06/09/2015	ND	2.16	108	2.00	1.39	
Total Xylenes*	<0.150	0.150	06/09/2015	ND	5.98	99.6	6.00	1.32	
Total BTEX	<0.300	0.300	06/09/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 %	% 61-154							
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/11/2015	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/08/2015	ND	184	92.1	200	1.44	
DRO >C10-C28	<10.0	10.0	06/08/2015	ND	182	91.2	200	1.62	
Surrogate: 1-Chlorooctane	87.4	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	90.8	% 52.1-17	6						

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Received: 06/05/2015 Sampling Date: 05/26/2015

Reported: 06/12/2015 Sampling Type: Soil

Project Name: LW WHITE NCT-B TRACT-A Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: MONUMENT, NM

Sample ID: SP 8 @ 1 (H501453-11)

BTEX 8021B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS % Re	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2015	ND	2.03	102	2.00	0.541	
Toluene*	<0.050	0.050	06/09/2015	ND	2.03	102	2.00	1.55	
Ethylbenzene*	0.706	0.050	06/09/2015	ND	2.16	108	2.00	1.39	
Total Xylenes*	0.946	0.150	06/09/2015	ND	5.98	99.6	6.00	1.32	
Total BTEX	1.65	0.300	06/09/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	122 5	% 61-154	!						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/11/2015	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	<50.0	50.0	06/09/2015	ND	188	93.8	200	1.72	
DRO >C10-C28	819	50.0	06/09/2015	ND	187	93.7	200	1.43	
Surrogate: 1-Chlorooctane	99.8	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	157	% 52.1-17	6						

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Fax To: (575) 397-0397

Received: 06/05/2015 Sampling Date: 05/26/2015

Reported: 06/12/2015 Sampling Type: Soil

Project Name: LW WHITE NCT-B TRACT-A Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: MONUMENT, NM

Sample ID: SP 8 @ 2 (H501453-12)

EX 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	06/09/2015	ND	2.03	102	2.00	0.541	
Toluene*	< 0.050	0.050	06/09/2015	ND	2.03	102	2.00	1.55	
Ethylbenzene*	<0.050	0.050	06/09/2015	ND	2.16	108	2.00	1.39	
Total Xylenes*	<0.150	0.150	06/09/2015	ND	5.98	99.6	6.00	1.32	
Total BTEX	<0.300	0.300	06/09/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 %	61-154	!						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/11/2015	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/09/2015	ND	188	93.8	200	1.72	
DRO >C10-C28	81.7	10.0	06/09/2015	ND	187	93.7	200	1.43	
Surrogate: 1-Chlorooctane	105 %	6 47.2-15	7						
Surrogate: 1-Chlorooctadecane	107 %	6 52.1-17	6						

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Fax To: (575) 397-0397

Received: 06/05/2015 Sampling Date: 05/26/2015

Reported: 06/12/2015 Sampling Type: Soil

Project Name: LW WHITE NCT-B TRACT-A Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: MONUMENT, NM

Sample ID: SP 8 @ 3 (H501453-13)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2015	ND	2.03	102	2.00	0.541	
Toluene*	<0.050	0.050	06/09/2015	ND	2.03	102	2.00	1.55	
Ethylbenzene*	<0.050	0.050	06/09/2015	ND	2.16	108	2.00	1.39	
Total Xylenes*	< 0.150	0.150	06/09/2015	ND	5.98	99.6	6.00	1.32	
Total BTEX	<0.300	0.300	06/09/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 61-154	!						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/11/2015	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/09/2015	ND	188	93.8	200	1.72	
DRO >C10-C28	10.2	10.0	06/09/2015	ND	187	93.7	200	1.43	
Surrogate: 1-Chlorooctane	103 9	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	105 9	% 52.1-17	6						

Surrogate: 1-Chlorooctadecane 105 % 52.1-176

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Fax To: (575) 397-0397

Received: 06/05/2015 Sampling Date: 05/26/2015

Reported: 06/12/2015 Sampling Type: Soil

Project Name: LW WHITE NCT-B TRACT-A Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: MONUMENT, NM

Sample ID: SP 9 @ 1 (H501453-14)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2015	ND	2.03	102	2.00	0.541	
Toluene*	< 0.050	0.050	06/09/2015	ND	2.03	102	2.00	1.55	
Ethylbenzene*	< 0.050	0.050	06/09/2015	ND	2.16	108	2.00	1.39	
Total Xylenes*	<0.150	0.150	06/09/2015	ND	5.98	99.6	6.00	1.32	
Total BTEX	<0.300	0.300	06/09/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 %	61-154	!						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/11/2015	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/09/2015	ND	188	93.8	200	1.72	
DRO >C10-C28	<10.0	10.0	06/09/2015	ND	187	93.7	200	1.43	
Surrogate: 1-Chlorooctane	101 %	6 47.2-15	7						
Surrogate: 1-Chlorooctadecane	104 %	6 52.1-17	6						

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Fax To: (575) 397-0397

Received: 06/05/2015 Sampling Date: 05/26/2015

Reported: 06/12/2015 Sampling Type: Soil

Project Name: LW WHITE NCT-B TRACT-A Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: MONUMENT, NM

Sample ID: SP 9 @ 2 (H501453-15)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2015	ND	2.03	102	2.00	0.541	
Toluene*	<0.050	0.050	06/09/2015	ND	2.03	102	2.00	1.55	
Ethylbenzene*	<0.050	0.050	06/09/2015	ND	2.16	108	2.00	1.39	
Total Xylenes*	<0.150	0.150	06/09/2015	ND	5.98	99.6	6.00	1.32	
Total BTEX	<0.300	0.300	06/09/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 %	61-154	!						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/11/2015	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/09/2015	ND	188	93.8	200	1.72	
DRO >C10-C28	<10.0	10.0	06/09/2015	ND	187	93.7	200	1.43	
Surrogate: 1-Chlorooctane	103 9	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	106 9	52.1-17	6						

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

Fax To: (575) 397-0397

Received: 06/05/2015 Sampling Date: 05/27/2015

Reported: 06/12/2015 Sampling Type: Soil

Project Name: LW WHITE NCT-B TRACT-A Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: MONUMENT, NM

Sample ID: SP 10 @ 1 (H501453-16)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2015	ND	2.10	105	2.00	0.475	
Toluene*	< 0.050	0.050	06/09/2015	ND	2.12	106	2.00	0.0885	
Ethylbenzene*	< 0.050	0.050	06/09/2015	ND	2.24	112	2.00	0.109	
Total Xylenes*	<0.150	0.150	06/09/2015	ND	6.18	103	6.00	0.0443	
Total BTEX	<0.300	0.300	06/09/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 %	61-154	!						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/11/2015	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	06/09/2015	ND	188	93.8	200	1.72	
DRO >C10-C28	697	50.0	06/09/2015	ND	187	93.7	200	1.43	
Surrogate: 1-Chlorooctane	94.6	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	161 %	52.1-17	6						

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Received: 06/05/2015 Sampling Date: 05/27/2015

Reported: 06/12/2015 Sampling Type: Soil

Project Name: LW WHITE NCT-B TRACT-A Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: MONUMENT, NM

Sample ID: SP 10 @ 2 (H501453-17)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2015	ND	2.10	105	2.00	0.475	
Toluene*	<0.050	0.050	06/09/2015	ND	2.12	106	2.00	0.0885	
Ethylbenzene*	< 0.050	0.050	06/09/2015	ND	2.24	112	2.00	0.109	
Total Xylenes*	<0.150	0.150	06/09/2015	ND	6.18	103	6.00	0.0443	
Total BTEX	<0.300	0.300	06/09/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 %	61-154	!						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/11/2015	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	06/09/2015	ND	188	93.8	200	1.72	
DRO >C10-C28	52.7	50.0	06/09/2015	ND	187	93.7	200	1.43	
Surrogate: 1-Chlorooctane	94.8	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	104 9	6 52.1-17	6						

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Received: 06/05/2015 Sampling Date: 05/27/2015

Reported: 06/12/2015 Sampling Type: Soil

Project Name: LW WHITE NCT-B TRACT-A Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Jodi Henson

Project Location: MONUMENT, NM

Sample ID: SP 10 @ 3 (H501453-18)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/10/2015	ND	2.10	105	2.00	0.475	
Toluene*	<0.050	0.050	06/10/2015	ND	2.12	106	2.00	0.0885	
Ethylbenzene*	<0.050	0.050	06/10/2015	ND	2.24	112	2.00	0.109	
Total Xylenes*	<0.150	0.150	06/10/2015	ND	6.18	103	6.00	0.0443	
Total BTEX	<0.300	0.300	06/10/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 61-154	!						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	06/11/2015	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	06/09/2015	ND	188	93.8	200	1.72	
DRO >C10-C28	485	50.0	06/09/2015	ND	187	93.7	200	1.43	
Surrogate: 1-Chlorooctane	91.7	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	145 9	% 52.1-17	6						

Surrogate: 1-Chlorooctadecane

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Received: 06/05/2015 Sampling Date: 05/27/2015

Reported: 06/12/2015 Sampling Type: Soil

Project Name: LW WHITE NCT-B TRACT-A Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: MONUMENT, NM

Sample ID: SP 10 @ 5 (H501453-19)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/10/2015	ND	2.10	105	2.00	0.475	
Toluene*	<0.050	0.050	06/10/2015	ND	2.12	106	2.00	0.0885	
Ethylbenzene*	<0.050	0.050	06/10/2015	ND	2.24	112	2.00	0.109	
Total Xylenes*	<0.150	0.150	06/10/2015	ND	6.18	103	6.00	0.0443	
Total BTEX	<0.300	0.300	06/10/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 %	61-154	!						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/11/2015	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/09/2015	ND	188	93.8	200	1.72	
DRO >C10-C28	<10.0	10.0	06/09/2015	ND	187	93.7	200	1.43	
Surrogate: 1-Chlorooctane	91.4	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	93.9	% 52.1-17	6						

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Received: 06/05/2015 Sampling Date: 05/27/2015

Reported: 06/12/2015 Sampling Type: Soil

Project Name: LW WHITE NCT-B TRACT-A Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: MONUMENT, NM

Sample ID: SP 11 @ 1 (H501453-20)

TEX 8021B	mg/	mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/10/2015	ND	2.10	105	2.00	0.475	
Toluene*	<0.050	0.050	06/10/2015	ND	2.12	106	2.00	0.0885	
Ethylbenzene*	<0.050	0.050	06/10/2015	ND	2.24	112	2.00	0.109	
Total Xylenes*	<0.150	0.150	06/10/2015	ND	6.18	103	6.00	0.0443	
Total BTEX	<0.300	0.300	06/10/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 %	61-154	!						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	06/11/2015	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	06/09/2015	ND	188	93.8	200	1.72	
DRO >C10-C28	261	50.0	06/09/2015	ND	187	93.7	200	1.43	
Surrogate: 1-Chlorooctane	79.7 %	6 47.2-15	7						
Surrogate: 1-Chlorooctadecane	109 %	6 52.1-17	6						

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Received: 06/05/2015 Sampling Date: 05/27/2015

Reported: 06/12/2015 Sampling Type: Soil

Project Name: LW WHITE NCT-B TRACT-A Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Jodi Henson

Project Location: MONUMENT, NM

Sample ID: SP 11 @ 2 (H501453-21)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/10/2015	ND	2.10	105	2.00	0.475	
Toluene*	<0.050	0.050	06/10/2015	ND	2.12	106	2.00	0.0885	
Ethylbenzene*	<0.050	0.050	06/10/2015	ND	2.24	112	2.00	0.109	
Total Xylenes*	<0.150	0.150	06/10/2015	ND	6.18	103	6.00	0.0443	
Total BTEX	<0.300	0.300	06/10/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 61-154	!						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/11/2015	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/09/2015	ND	188	93.8	200	1.72	
DRO >C10-C28	42.4	10.0	06/09/2015	ND	187	93.7	200	1.43	
Surrogate: 1-Chlorooctane	97.8	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	103 9	% 52.1-17	6						

Surrogate: 1-Chlorooctadecane

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Fax To: (575) 397-0397

Received: 06/05/2015 Sampling Date: 05/27/2015

Reported: 06/12/2015 Sampling Type: Soil

Project Name: LW WHITE NCT-B TRACT-A Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: MONUMENT, NM

Sample ID: SP 11 @ 3 (H501453-22)

EX 8021B	mg/	mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/10/2015	ND	2.10	105	2.00	0.475	
Toluene*	<0.050	0.050	06/10/2015	ND	2.12	106	2.00	0.0885	
Ethylbenzene*	<0.050	0.050	06/10/2015	ND	2.24	112	2.00	0.109	
Total Xylenes*	<0.150	0.150	06/10/2015	ND	6.18	103	6.00	0.0443	
Total BTEX	<0.300	0.300	06/10/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 %	6 61-154	!						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/11/2015	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/09/2015	ND	188	93.8	200	1.72	
DRO >C10-C28	<10.0	10.0	06/09/2015	ND	187	93.7	200	1.43	
Surrogate: 1-Chlorooctane	105 %	6 47.2-15	7						
Surrogate: 1-Chlorooctadecane	104 %	6 52.1-17	6						

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Received: 06/05/2015 Sampling Date: 05/27/2015

Reported: 06/12/2015 Sampling Type: Soil

Project Name: LW WHITE NCT-B TRACT-A Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Jodi Henson

Project Location: MONUMENT, NM

Sample ID: SP 12 @ 1 (H501453-23)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	06/10/2015	ND	2.10	105	2.00	0.475	
Toluene*	<0.100	0.100	06/10/2015	ND	2.12	106	2.00	0.0885	
Ethylbenzene*	<0.100	0.100	06/10/2015	ND	2.24	112	2.00	0.109	
Total Xylenes*	<0.300	0.300	06/10/2015	ND	6.18	103	6.00	0.0443	
Total BTEX	<0.600	0.600	06/10/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 61-154	!						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/11/2015	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	129	100	06/09/2015	ND	188	93.8	200	1.72	
DRO >C10-C28	7760	100	06/09/2015	ND	187	93.7	200	1.43	
Surrogate: 1-Chlorooctane	103 9	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	229 9	% 52.1-17	6						

Surrogate: 1-Chlorooctadecane

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Received: 06/05/2015 Sampling Date: 05/27/2015

Reported: 06/12/2015 Sampling Type: Soil

Project Name: LW WHITE NCT-B TRACT-A Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: MONUMENT, NM

Sample ID: SP 12 @ 4 (H501453-24)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/10/2015	ND	2.10	105	2.00	0.475	
Toluene*	< 0.050	0.050	06/10/2015	ND	2.12	106	2.00	0.0885	
Ethylbenzene*	< 0.050	0.050	06/10/2015	ND	2.24	112	2.00	0.109	
Total Xylenes*	<0.150	0.150	06/10/2015	ND	6.18	103	6.00	0.0443	
Total BTEX	<0.300	0.300	06/10/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 %	61-154	!						
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	06/11/2015	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	06/09/2015	ND	188	93.8	200	1.72	
DRO >C10-C28	96.0	50.0	06/09/2015	ND	187	93.7	200	1.43	
Surrogate: 1-Chlorooctane	93.6	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	112 9	6 52.1-17	6						

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

Fax To: (575) 397-0397

Received: 06/05/2015 Sampling Date: 05/27/2015

Reported: 06/12/2015 Sampling Type: Soil

Project Name: LW WHITE NCT-B TRACT-A Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Jodi Henson

Project Location: MONUMENT, NM

Sample ID: SP 12 @ 7 (H501453-25)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/10/2015	ND	2.10	105	2.00	0.475	
Toluene*	<0.050	0.050	06/10/2015	ND	2.12	106	2.00	0.0885	
Ethylbenzene*	< 0.050	0.050	06/10/2015	ND	2.24	112	2.00	0.109	
Total Xylenes*	<0.150	0.150	06/10/2015	ND	6.18	103	6.00	0.0443	
Total BTEX	<0.300	0.300	06/10/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 %	61-154	!						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/11/2015	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	06/09/2015	ND	188	93.8	200	1.72	
DRO >C10-C28	286	50.0	06/09/2015	ND	187	93.7	200	1.43	
Surrogate: 1-Chlorooctane	90.1 9	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	138 9	6 52.1-17	6						

Surrogate: 1-Chlorooctadecane

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BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 06/05/2015 Sampling Date: 05/27/2015

Reported: 06/12/2015 Sampling Type: Soil

Project Name: LW WHITE NCT-B TRACT-A Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: MONUMENT, NM

Sample ID: SP 12 @ 9 (H501453-26)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/10/2015	ND	2.10	105	2.00	0.475	
Toluene*	<0.050	0.050	06/10/2015	ND	2.12	106	2.00	0.0885	
Ethylbenzene*	<0.050	0.050	06/10/2015	ND	2.24	112	2.00	0.109	
Total Xylenes*	<0.150	0.150	06/10/2015	ND	6.18	103	6.00	0.0443	
Total BTEX	<0.300	0.300	06/10/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 %	61-154	!						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	06/11/2015	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	06/09/2015	ND	188	93.8	200	1.72	
DRO >C10-C28	4490	50.0	06/09/2015	ND	187	93.7	200	1.43	
Surrogate: 1-Chlorooctane	102 9	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	156 9	52.1-17	6						

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BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 06/05/2015 Sampling Date: 05/27/2015

Reported: 06/12/2015 Sampling Type: Soil

Project Name: LW WHITE NCT-B TRACT-A Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: MONUMENT, NM

Sample ID: SP 12 @ 13 (H501453-27)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/10/2015	ND	2.10	105	2.00	0.475	
Toluene*	<0.050	0.050	06/10/2015	ND	2.12	106	2.00	0.0885	
Ethylbenzene*	<0.050	0.050	06/10/2015	ND	2.24	112	2.00	0.109	
Total Xylenes*	<0.150	0.150	06/10/2015	ND	6.18	103	6.00	0.0443	
Total BTEX	<0.300	0.300	06/10/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 %	% 61-154	1						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	06/11/2015	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/09/2015	ND	188	93.8	200	1.72	
DRO >C10-C28	131	10.0	06/09/2015	ND	187	93.7	200	1.43	
Surrogate: 1-Chlorooctane	83.5	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	97.4	% 52.1-17	6						

Surrogate: 1-Chlorooctadecane 97.4 % 52.1-176

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Fax To: (575) 397-0397

Received: 06/05/2015 Sampling Date: 05/27/2015

Reported: 06/12/2015 Sampling Type: Soil

Project Name: LW WHITE NCT-B TRACT-A Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: MONUMENT, NM

Sample ID: SP 12 @ 15 (H501453-28)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/10/2015	ND	2.00	100	2.00	0.157	
Toluene*	<0.050	0.050	06/10/2015	ND	2.00	100	2.00	0.324	
Ethylbenzene*	< 0.050	0.050	06/10/2015	ND	2.11	105	2.00	0.117	
Total Xylenes*	< 0.150	0.150	06/10/2015	ND	5.78	96.3	6.00	0.608	
Total BTEX	<0.300	0.300	06/10/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 %	61-154	!						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/11/2015	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/09/2015	ND	188	93.8	200	1.72	
DRO >C10-C28	<10.0	10.0	06/09/2015	ND	187	93.7	200	1.43	
Surrogate: 1-Chlorooctane	91.4	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	95.4	% 52.1-17	6						

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BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 06/05/2015 Sampling Date: 05/28/2015

Reported: 06/12/2015 Sampling Type: Soil

Project Name: LW WHITE NCT-B TRACT-A Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: MONUMENT, NM

Sample ID: SP 13 @ 1 (H501453-29)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/10/2015	ND	2.00	100	2.00	0.157	
Toluene*	<0.050	0.050	06/10/2015	ND	2.00	100	2.00	0.324	
Ethylbenzene*	<0.050	0.050	06/10/2015	ND	2.11	105	2.00	0.117	
Total Xylenes*	<0.150	0.150	06/10/2015	ND	5.78	96.3	6.00	0.608	
Total BTEX	<0.300	0.300	06/10/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 61-154	!						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/11/2015	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/09/2015	ND	188	93.8	200	1.72	
DRO >C10-C28	<10.0	10.0	06/09/2015	ND	187	93.7	200	1.43	
Surrogate: 1-Chlorooctane	88.6	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	92.9	% 52.1-17	6						

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BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 06/05/2015 Sampling Date: 05/28/2015

Reported: 06/12/2015 Sampling Type: Soil

Project Name: LW WHITE NCT-B TRACT-A Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: MONUMENT, NM

Sample ID: SP 13 @ 2 (H501453-30)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/10/2015	ND	2.00	100	2.00	0.157	
Toluene*	<0.050	0.050	06/10/2015	ND	2.00	100	2.00	0.324	
Ethylbenzene*	<0.050	0.050	06/10/2015	ND	2.11	105	2.00	0.117	
Total Xylenes*	<0.150	0.150	06/10/2015	ND	5.78	96.3	6.00	0.608	
Total BTEX	<0.300	0.300	06/10/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 %	61-154	!						
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	06/11/2015	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/08/2015	ND	184	92.1	200	1.44	
DRO >C10-C28	<10.0	10.0	06/08/2015	ND	182	91.2	200	1.62	
Surrogate: 1-Chlorooctane	81.2 9	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	85.4	% 52.1-17	6						

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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.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

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

8 K			DI 1 40				
Company Maine.	BBC International, Inc.		DILL 10		1	CINCLE OIG REGION	
Project Manager:	Cliff Brunson		P.O. #:				
Address: P.O. Box 805	ж 805		Company:				
city: Hobbs	State: NM	Zip: 88241	Attn:				
Phone #: 575-397-6388	Fax #:	575-397-0397	Address: 7M			. 75 L	
Project #:	Project Owner:	ΟXV	City:				1.5
Project Name: 6	white NCT-8	Trect 6A	State: Zip:	•			
Project Location:	MONUMENTINA	7	Phone #:	<i>y</i>	/		
Sampler Name:	Tost Done les		Fax #:		35		
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING	VG.	1		
		RS		e ,	7		Mag di
Lab I.D.	Sample I.D.		D/BASE: / COOL		/-		
H501453		# CO GRO	-	TIME			
	10505	G / X	1 5.26	920 X	×		
2	2- /-	P -	×	, 026 V	XX		
W	W	6 / X	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	100C >	XX		
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PLEASE NOTE: Liability and Da analyses. All claims including the service. In no event shall Cardina		y claim ansing whether based in contract emed waived unless made in writing an without limitation, business interruptions.	This exclusive tentedy to rany datin arising whether based in contract or too; what be minimized un tre and uniterative pre-curricy and seatest statistic tenter to the deemed walved unless made in writing and received by Cardinal within 30 days after completion of the a quential damages, including without limitation, business interruptions, loss of use, or loss of profits incrumed by client, is subsidiaries to the contractive damages. Including without limitation, business interruptions, loss of use, or loss of profits forcumed by client, is subsidiaries.	r completion of the application, its subsidiaries,	able		
Relinquished By:	red By: Date: 4-15	Received By:		Phone Result: Fax Result:	☐ Yes ☐ No	o Add'l Phone #: o Add'l Fax #:	
Vost C	Time:	armiles !	Cakey	REMARKS:		- 64	
Relinquished By:		Received By					
Gennete	Sh: Lan hypis	glan 3	enson				
Delivered By: (Circle One)		_	ion CHECKED BY:				
Sampler - UPS - I	Bus - Other: 3.26	No No No	SAM				

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES
101 East Marland, Hobbs, NM 88240
(505) 393-2376 FAX (505) 393-2476

(505) 393-2326 FAX (505) 393-2476		
Company Name: BBC International, Inc.	BILL TO	ANALYSIS REQUEST
Project Manager: Cliff Brunson	P.O. #: *	
Address: P.O. Box 805	Company:	-
City: Hobbs State: NM Zip: 88241	Attn:	
Phone #: 575-397-6388 Fax #: 575-397-0397	Address:	
Project #: Project Owner: D	city: J2M	
Project Name: /h hhite 1/CT-B FACT -	1 State: Zip: K	
Project Location: Monument Mh	Phone #:	
Sampler Name: For Cracks	Fax#:	
P	MATRIX PRESERV. SAMPLING	21
Lab I.D. Sample I.D. AB OR (C)OM ONTAINERS OUNDWATER STEWATER	DGE IER: D/BASE: / COOL IER:	BTI

Sampler Name:	Total Crack		Fax #:			· /				
FOR LAB USE ONLY			MATRIX PR	PRESERV. SA	SAMPLING	2	_			
Lab I.D.	Sample I.D.	B OR (C)OMP. TAINERS NDWATER EWATER	R:			BTA	CI			, 4
150H254		# CON GROU WAST	SOIL OIL SLUDG OTHE	OTHE	DATE TIME					
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iñ	w	(C)	^	×.	315	XX	×			
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16	100/00	<u>ر</u>	_	7.3 X	77 849	XX	×			
3	6.1	<u>ئ</u>	_	×>	920	X	×			
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Relinquished By I ensufer Galley Ime: 5/80 Pate: -15 54.40 Received By: Lenny tions, loss of use, or loss of profits incurred by client, its subsidiaries Gelkey Fax Result: REMARKS: Phone Result: ☐ Yes ☐ No Add'I Phone #:

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

3.20

Sample Condition
Cool Intact
Ves A Yes
No No

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



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

1/							
Company Name: BBC Inte	BBC International, Inc.		BILL TO		ANALYSIS REQUEST	EQUEST	
Project Manager: Cliff Brunson	ISON	P.O. #:					
Address: P.O. Box 805		Company:	any:	è			
city: Hobbs	State: NM Zip: 88241	241 Attn:)				
Phone #: 575-397-6388	Fax #: 575-397-0397	97 Address:	iss:				
Project #:	Project Owner:	City:	Jehn.				
Project Name:	16 MCT 8 Tol	f-A State:	Zipiro				
Project Location:	MINION TIALM	Phone #:	9#:				
Sampler Name:	C Ormoles	Fax #		\ >			
FOR LAB USE ONLY	P.	MATRIX PR	PRESERV. SAMPLING	E S			
Lab I.D. Sai	Sample I.D. (G)RAB OR (C)OMF	GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE:	OTHER:	B7	a		
10> 16	102 (-1	*	X 537	1200 X X 1			
11 62	~ S C (~	*	12 X X X	1		
105 250	102	~	×	130 X X X			
1 46	113	×	×	248 X X	Y		
56	7 11	×:	~	SY XX	Y		
8	9 1.1	>	<u> </u>	35/ X X /			1,3
25	13	7	×	4/S X X X			
Z.	11-2	<u> </u>	X	1 × 120%			
22 92	13/0/	>	× 5.20	6/3 X X X			
1 0%	2 61	7	1 5.28	930 Y X X			
PLEASE NOTE: Liability and Damages. Cardinal's analyses. All claims including those for negligence service. In no event shall Cardinal be liable for inc	PLEASE NOTE: Liability and Damages. Cardina'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 consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries,	whether based in contract or tort, sh unless made in writing and received on, business interruptions, loss of use	all be limited to the amount paid by Cardinal within 30 days after on the control of the control	by the client for the completion of the applicable ent, its subsidiaries,			
SCI VICE. III IIV GYCIII SIMII OMINIMA DO MADIO IN MIS	the state of the s			CONTRACTOR OF THE PROPERTY OF			

Relinquished By Sampler - UPS - Bus - Other: Delivered By: (Circle One) Jenn Gelly Date: 6-5-/5 Time: Received By: enny Cool Interct
A Yes
No No Galley Phone Result: Fax Result: REMARKS:

Relinquished By

☐ Yes ☐ No

Add'I Phone #: Add'I Fax #:

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



June 12, 2015

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: LW WHITE NCT-B TRACT-A

Enclosed are the results of analyses for samples received by the laboratory on 06/05/15 9:45.

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.

Celey D. Keine

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



BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 06/05/2015 Sampling Date: 05/28/2015

Reported: 06/12/2015 Sampling Type: Soil

Project Name: LW WHITE NCT-B TRACT-A Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: MONUMENT, NM

Sample ID: SP 14 @ SURFACE (H501452-01)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2015	ND	2.10	105	2.00	0.475	
Toluene*	< 0.050	0.050	06/09/2015	ND	2.12	106	2.00	0.0885	
Ethylbenzene*	< 0.050	0.050	06/09/2015	ND	2.24	112	2.00	0.109	
Total Xylenes*	<0.150	0.150	06/09/2015	ND	6.18	103	6.00	0.0443	
Total BTEX	<0.300	0.300	06/09/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 %	61-154	!						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	06/11/2015	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/09/2015	ND	186	93.1	200	2.60	
DRO >C10-C28	987	10.0	06/09/2015	ND	202	101	200	14.1	
Surrogate: 1-Chlorooctane	108 %	6 47.2-15	7						
Surrogate: 1-Chlorooctadecane	136 %	6 52.1-17	6						

Surrogate: 1-Chlorooctadecane 136 % 52.1-176

Cardinal Laboratories *=Accredited Analyte

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

Fax To: (575) 397-0397

Received: 06/05/2015 Sampling Date: 05/28/2015

Reported: 06/12/2015 Sampling Type: Soil

Project Name: LW WHITE NCT-B TRACT-A Sampling Condition: Cool & Intact Project Number: Sample Received By: NONE GIVEN Jodi Henson

Project Location: MONUMENT, NM

Sample ID: SP 15 @ SURFACE (H501452-02)

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	06/09/2015	ND	2.10	105	2.00	0.475	
Toluene*	< 0.050	0.050	06/09/2015	ND	2.12	106	2.00	0.0885	
Ethylbenzene*	< 0.050	0.050	06/09/2015	ND	2.24	112	2.00	0.109	
Total Xylenes*	<0.150	0.150	06/09/2015	ND	6.18	103	6.00	0.0443	
Total BTEX	<0.300	0.300	06/09/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 %	61-154	1						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/11/2015	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	06/09/2015	ND	186	93.1	200	2.60	
DRO >C10-C28	<10.0	10.0	06/09/2015	ND	202	101	200	14.1	
Surrogate: 1-Chlorooctane	104 %	6 47.2-15	7						
Surrogate: 1-Chlorooctadecane	125 9	6 52.1-17	6						

Surrogate: 1-Chlorooctadecane 52.1-176

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

Fax To: (575) 397-0397

Received: 06/05/2015 Sampling Date: 05/28/2015

Reported: 06/12/2015 Sampling Type: Soil

Project Name: LW WHITE NCT-B TRACT-A Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: MONUMENT, NM

Sample ID: SP 16 @ SURFACE (H501452-03)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2015	ND	2.10	105	2.00	0.475	
Toluene*	<0.050	0.050	06/09/2015	ND	2.12	106	2.00	0.0885	
Ethylbenzene*	0.055	0.050	06/09/2015	ND	2.24	112	2.00	0.109	
Total Xylenes*	<0.150	0.150	06/09/2015	ND	6.18	103	6.00	0.0443	
Total BTEX	<0.300	0.300	06/09/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 61-154	!						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	06/11/2015	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	<100	100	06/09/2015	ND	186	93.1	200	2.60	
DRO >C10-C28	9780	100	06/09/2015	ND	202	101	200	14.1	
Surrogate: 1-Chlorooctane	103 :	% 47.2-15	7						

Surrogate: 1-Chlorooctadecane 103 % 47.2-137
Surrogate: 1-Chlorooctadecane 402 % 52.1-176

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Fax To: (575) 397-0397

Received: 06/05/2015 Sampling Date: 05/28/2015

Reported: 06/12/2015 Sampling Type: Soil

Project Name: LW WHITE NCT-B TRACT-A Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: MONUMENT, NM

Sample ID: SP 17 @ SURFACE (H501452-04)

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	06/09/2015	ND	2.10	105	2.00	0.475	
Toluene*	<0.050	0.050	06/09/2015	ND	2.12	106	2.00	0.0885	
Ethylbenzene*	<0.050	0.050	06/09/2015	ND	2.24	112	2.00	0.109	
Total Xylenes*	<0.150	0.150	06/09/2015	ND	6.18	103	6.00	0.0443	
Total BTEX	<0.300	0.300	06/09/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 %	61-154	!						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/11/2015	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	06/09/2015	ND	186	93.1	200	2.60	
DRO >C10-C28	<10.0	10.0	06/09/2015	ND	202	101	200	14.1	
Surrogate: 1-Chlorooctane	102 %	6 47.2-15	7						
Surrogate: 1-Chlorooctadecane	120 9	6 52.1-17	6						

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Fax To: (575) 397-0397

Received: 06/05/2015 Sampling Date: 05/29/2015

Reported: 06/12/2015 Sampling Type: Soil

Project Name: LW WHITE NCT-B TRACT-A Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Jodi Henson

MONUMENT, NM

Sample ID: SP 18 @ SURFACE (H501452-05)

Project Location:

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2015	ND	2.10	105	2.00	0.475	
Toluene*	<0.050	0.050	06/09/2015	ND	2.12	106	2.00	0.0885	
Ethylbenzene*	<0.050	0.050	06/09/2015	ND	2.24	112	2.00	0.109	
Total Xylenes*	<0.150	0.150	06/09/2015	ND	6.18	103	6.00	0.0443	
Total BTEX	<0.300	0.300	06/09/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 61-154	1						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/11/2015	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/09/2015	ND	186	93.1	200	2.60	
DRO >C10-C28	19.9	10.0	06/09/2015	ND	202	101	200	14.1	
Surrogate: 1-Chlorooctane	98.9	% 47.2-15	7						
Summanta I Chlorocatadasana	117	0/ 52.1.17	16						

117 % 52.1-176 Surrogate: 1-Chlorooctadecane

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

Fax To: (575) 397-0397

Received: 06/05/2015 Sampling Date: 05/29/2015

Reported: 06/12/2015 Sampling Type: Soil

Project Name: LW WHITE NCT-B TRACT-A Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: MONUMENT, NM

Sample ID: SP 19 @ SURFACE (H501452-06)

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	06/10/2015	ND	2.00	100	2.00	0.157	
Toluene*	<0.050	0.050	06/10/2015	ND	2.00	100	2.00	0.324	
Ethylbenzene*	<0.050	0.050	06/10/2015	ND	2.11	105	2.00	0.117	
Total Xylenes*	<0.150	0.150	06/10/2015	ND	5.78	96.3	6.00	0.608	
Total BTEX	<0.300	0.300	06/10/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 61-154	!						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/11/2015	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/09/2015	ND	186	93.1	200	2.60	
DRO >C10-C28	<10.0	10.0	06/09/2015	ND	202	101	200	14.1	
Surrogate: 1-Chlorooctane	99.9	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	116 9	% 52.1-17	6						

Surrogate: 1-Chlorooctadecane 116 % 52.1-1/6

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BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 06/05/2015 Sampling Date: 05/29/2015

Reported: 06/12/2015 Sampling Type: Soil

Project Name: LW WHITE NCT-B TRACT-A Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Jodi Henson

Project Location: MONUMENT, NM

Sample ID: SP 20 @ SURFACE (H501452-07)

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	06/10/2015	ND	2.00	100	2.00	0.157	
Toluene*	<0.050	0.050	06/10/2015	ND	2.00	100	2.00	0.324	
Ethylbenzene*	< 0.050	0.050	06/10/2015	ND	2.11	105	2.00	0.117	
Total Xylenes*	<0.150	0.150	06/10/2015	ND	5.78	96.3	6.00	0.608	
Total BTEX	<0.300	0.300	06/10/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 %	% 61-154	1						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/11/2015	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	06/09/2015	ND	186	93.1	200	2.60	
DRO >C10-C28	74.7	10.0	06/09/2015	ND	202	101	200	14.1	
Surrogate: 1-Chlorooctane	104 9	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	128 9	% 52.1-17	6						

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

Fax To: (575) 397-0397

Received: 06/05/2015 Sampling Date: 05/29/2015

Reported: 06/12/2015 Sampling Type: Soil

Project Name: LW WHITE NCT-B TRACT-A Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Jodi Henson

Project Location: MONUMENT, NM

Sample ID: SP 21 @ SURFACE (H501452-08)

BTEX 8021B	mg/kg		Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/10/2015	ND	2.00	100	2.00	0.157	
Toluene*	<0.050	0.050	06/10/2015	ND	2.00	100	2.00	0.324	
Ethylbenzene*	<0.050	0.050	06/10/2015	ND	2.11	105	2.00	0.117	
Total Xylenes*	<0.150	0.150	06/10/2015	ND	5.78	96.3	6.00	0.608	
Total BTEX	<0.300	0.300	06/10/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 61-154	!						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/11/2015	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/09/2015	ND	186	93.1	200	2.60	
DRO >C10-C28	71.0	10.0	06/09/2015	ND	202	101	200	14.1	
Surrogate: 1-Chlorooctane	104 9	% 47.2-15	7						
6	120.0		,						

129 % 52.1-176 Surrogate: 1-Chlorooctadecane

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

Fax To: (575) 397-0397

Received: 06/05/2015 Sampling Date: 05/29/2015

Reported: 06/12/2015 Sampling Type: Soil

Project Name: LW WHITE NCT-B TRACT-A Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: MONUMENT, NM

Sample ID: SP 22 @ SURFACE (H501452-09)

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	06/10/2015	ND	2.00	100	2.00	0.157	
Toluene*	<0.050	0.050	06/10/2015	ND	2.00	100	2.00	0.324	
Ethylbenzene*	<0.050	0.050	06/10/2015	ND	2.11	105	2.00	0.117	
Total Xylenes*	<0.150	0.150	06/10/2015	ND	5.78	96.3	6.00	0.608	
Total BTEX	<0.300	0.300	06/10/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 61-154	!						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/11/2015	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	06/09/2015	ND	186	93.1	200	2.60	
DRO >C10-C28	67.6	10.0	06/09/2015	ND	202	101	200	14.1	
Surrogate: 1-Chlorooctane	110 %		7						

Surrogate: 1-Chlorooctadecane 130 % 52.1-176

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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.

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

Company Name:	Company Name: BBC International, Inc.		BILL TO		ANALYSIS F	REQUEST
Project Manager: Cliff Brunson	Cliff Brunson	P.O. #:	4			
Address: P.O. Box 805	ж 805	Company:		ì		
city: Hobbs	State: NM Zip:	Zip: 88241 Attn:				
Phone #: 575-397-6388	-	.0397 Address:	<u>م</u>			
Project #:		Xy city:	MA			
Project Name: 4	which MIT-8 To	State:	Zip:			
Project Location:	Monument	Phone #:				
Sampler Name:	Testouch	Fax#:		3		
FOR LAB USE ONLY		MATRIX PRESERV	RV. SAMPLING	7	/ <u>-</u>	
Lab I.D.	Sample I.D.	R: ASE:	t	B		
H50452		GROU	OT DATE TIME			
	50/408-La B	<u> </u>	5.20 1030	XX		
2	5/0/50 5.1.	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	1/40	XX		
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8	5210 Supe 6		280	×××		
9	Spizo Since (1	302	7		
PLEASE NOTE: Liability and Da analyses. All claims including the service. In no event shall Cardina	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 walved 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 consequents damages, including without limitation, business unlembrous, loss of uncon any of the above stated reasons or otherwise.	ent's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for it rause whatsoevers shall be deemed walved unless made in writing and received by Cardinal within 30 days after completion of the days of the shall be deemed walved unless made in writing and received by Cardinal within 30 days after completion of the substance of the following without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiary is described by the control of the standard of the shall be substantial to the shall be shall be substantial to the shall be shall	limited to the amount paid by the client for dinal within 30 days after completion of the ss of profits incurred by client, its subsidial to the above stated reasons or otherwise.	r the he applicable aries, se		
Relinquished By:	Date: 4-15 Rec 1 Time: 5,00	Gennife Ga	Phone Result: Fax Result: REMARKS:	sult:	□ No Add'I Phone #: □ No Add'I Fax #:	
Refinquished By:	9	Received By:	8			
Delivered By (Circle One)		Sample Condition Cool Intact	CHECKED BY: (Initials)			
Sampler - UPS - Bus - Other:	Bus - Other: 5.27	No No				

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

State of New Mexico Energy Minerals and Natural Resources

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

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

Form C-141

Revised August 8, 2011

			Dala	osso Notific	actio	n and C	annostivo A	ation			
Release Notification and Corrective Action OPERATOR Initial Report Final											
N 00									ial Report		Final Repor
Name of Co		Oxy Permia		10.7			Chancey Summe				
Address Gracility Nat		rive, Midland				Telephone 1					
racility Nai	ne Lw	White NCT-	B Tract A	A Battery		Facility Typ	be Abandoneo	l battery site			
Surface Ow	ner Dale	Cooper Fan	nily Trus	Mineral C)wner			API N	o. 30-025-	04410)
				LOCA	ATIO	N OF REI	LEASE				
Unit Letter	Section	Township	Range	Feet from the		/South Line	Feet from the	East/West Line	County		
N	35	20S	36E						Lea Count	v. NV	ſ
			1	Latitude N 32.5	2417°	Longitu	de <u>W 103.3247</u>	80		<i>J</i> , - 1-1-	
			•			OF REL		<u>o</u>			
Type of Rele	ase Unkn	own, historica	al	NAI	UKE		Release Unknow	wn Volume	Recovered	0 bbl	c
Source of Re		cnown, histori					lour of Occurrence		Hour of Dis		
						Unknown		Unknow			À
Was Immedia	ate Notice C		Yes 🖂	No Not Re	eauired	If YES, To	Whom?				
By Whom?	n/a				1	Date and H	Iour n/a		-11-2-1		
Was a Water		hed?					lume Impacting t	he Watercourse.			
			Yes 🛚	No			1 0				
If a Watercourse was Impacted, Describe Fully.*											
Describe Cau	se of Proble	se of Problem and Remedial Action Taken.*									
This is a form	er battery tl	hat has been a	bandoned.	Contamination	on this	site is historica	al in nature.				
Describe Area	a Affected a	nd Cleanup A	ction Tak	en.*							
		,									
This site will remediation p	be assessed lan. Then,	and delineate remediation w	d. Once s	amples are collect upleted in accorda	ted, the	results of the th the remedia	sample analysis v tion plan approve	will be discussed will be MMOCD.	vith the NMC)CD to	o develop a
I hereby certif	fy that the in	nformation giv	ven above	is true and compl	ete to t	he best of my	knowledge and ur	nderstand that pur	suant to NMC	OCD r	ules and
regulations al	l operators a	are required to	report an	d/or file certain re	elease n	otifications an	d perform correct	tive actions for releport" does not rel	eases which	may e	ndanger
should their o	perations ha	onment. The ave failed to a	acceptance dequately	investigate and re	rt by tn emediat	e NMOCD ma	arked as "Final Re	eport does not releat to ground wate	ieve the oper	ator of ter bu	t liability
or the environ	ment. In ac	ldition, NMO	CD accept	ance of a C-141 r	eport d	oes not relieve	the operator of r	esponsibility for o	ompliance was	ith an	y other
federal, state,							12%				
Signature:		1					OIL CONS	SERVATION	DIVISIO	N	
	C.					Approved by I	Environmental Sp	pecialist:			
Printed Name	: Chance	y Summers					The second secon		····		
Title: HES	Lead					Approval Date	e:	Expiration	Date:		
E-mail Addres	ss: <u>Chanc</u>	ey_Summers	@oxy.com	1		Conditions of	Approval:		Attached		

Phone: (432) 685-5824

⁷⁻²³⁻¹⁵ * Attach Additional Sheets If Necessary