

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

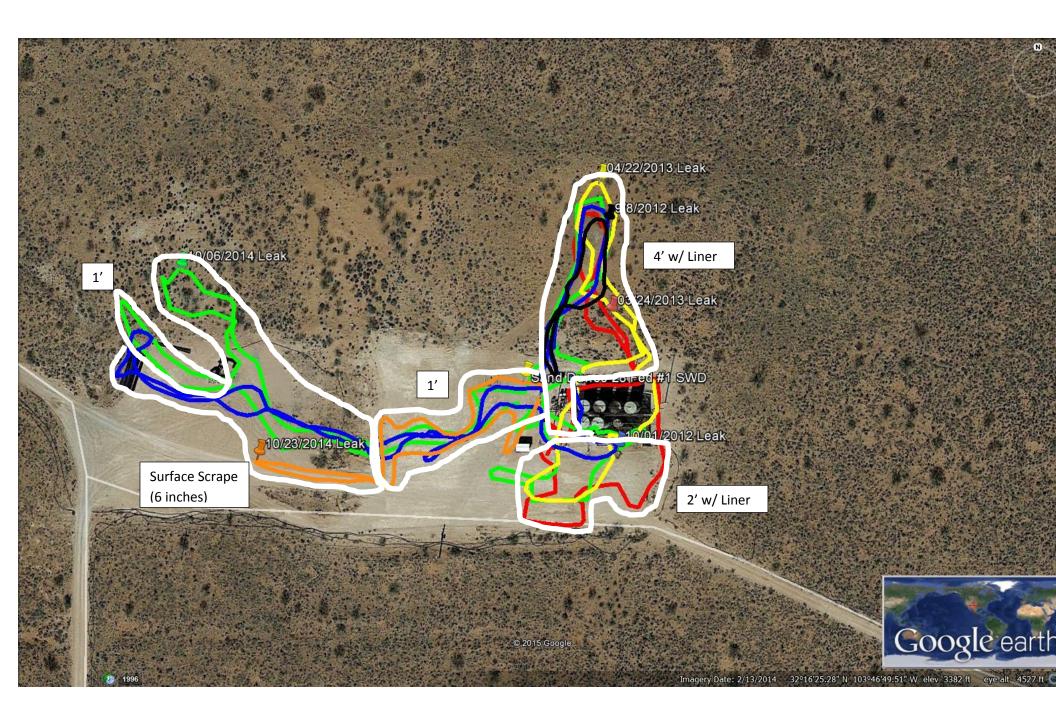
OXY - SAND DUNES 28 FEDERAL #1 SWD BATTERY

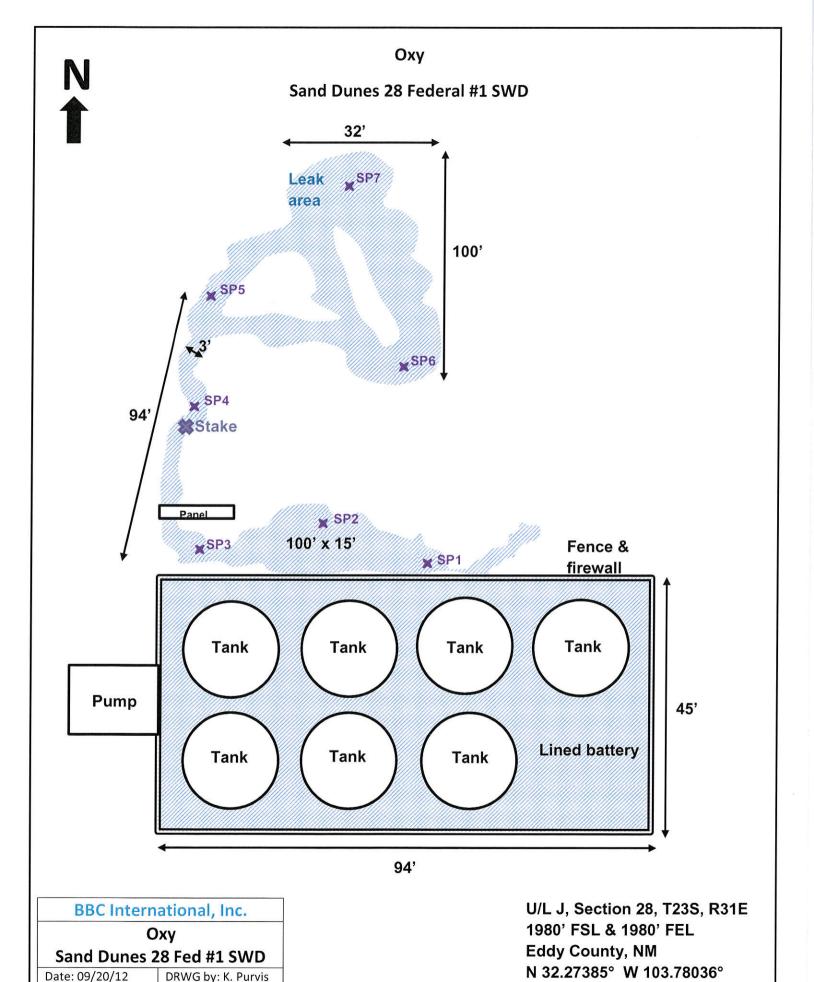
REMEDIATION PLAN

OXY will excavate the spill area as depicted on the following aerial diagram. The spill areas outlined in white represent the excavation areas and the associated depths are next to the outlines. The entire location will be bermed to assist in reducing the coverage of any potential future releases.

The southernmost road will be blocked and removed from further traffic use.

The site will then be backfilled with clean soil. All excavated materials will be disposed of at an NMOCD-approved disposal facility.

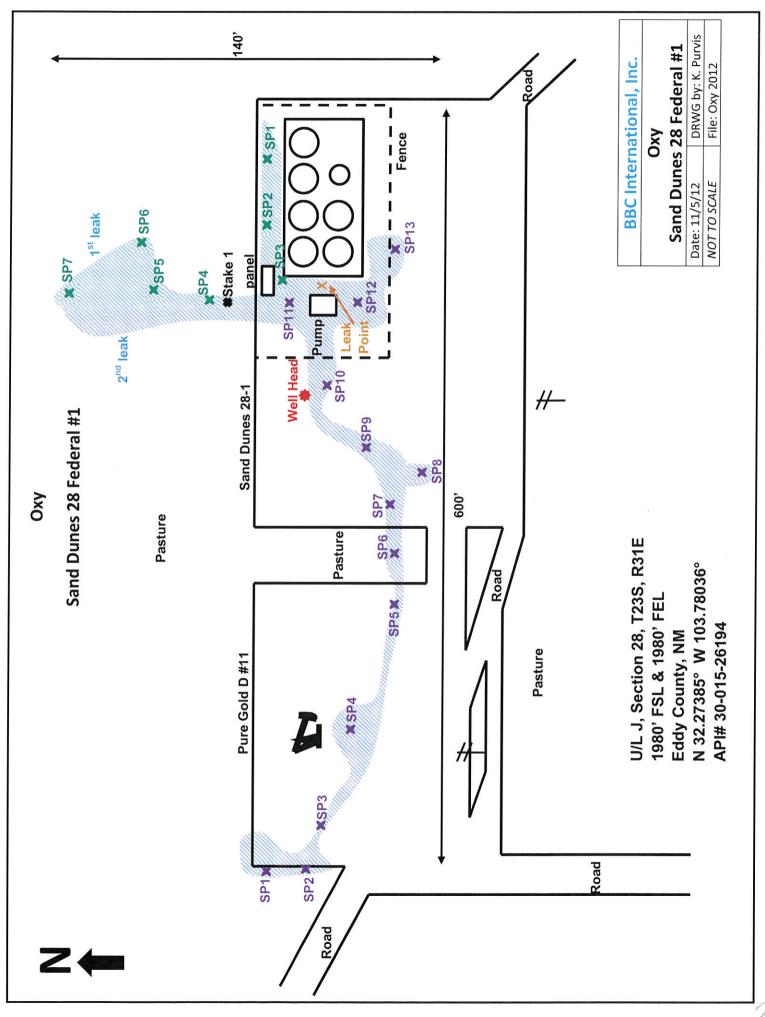


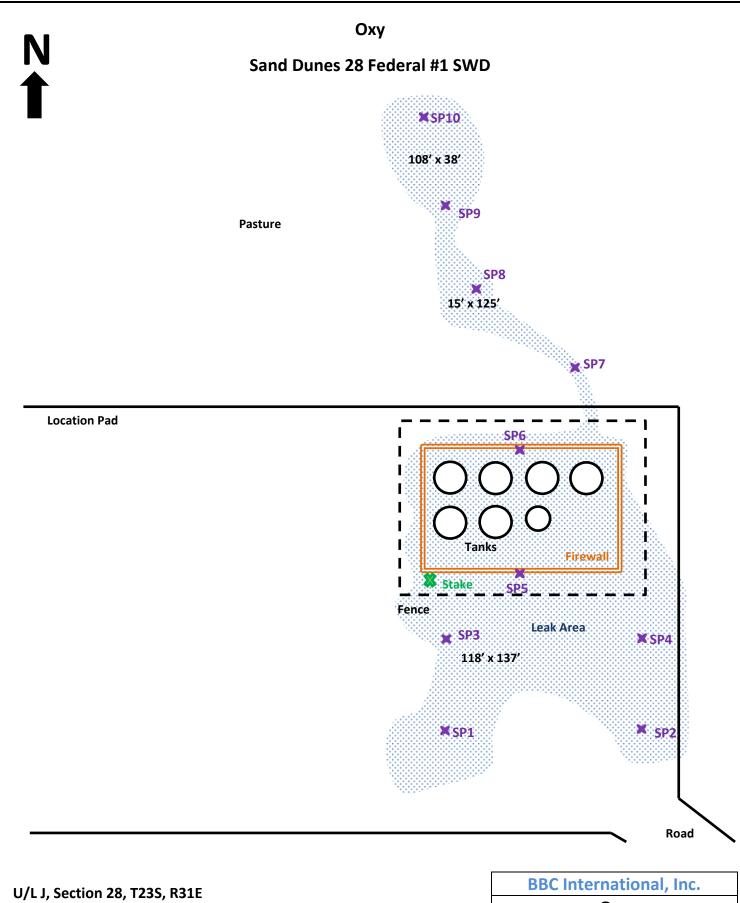


API# 30-015-26194

NOT TO SCALE

File: Oxy 2012





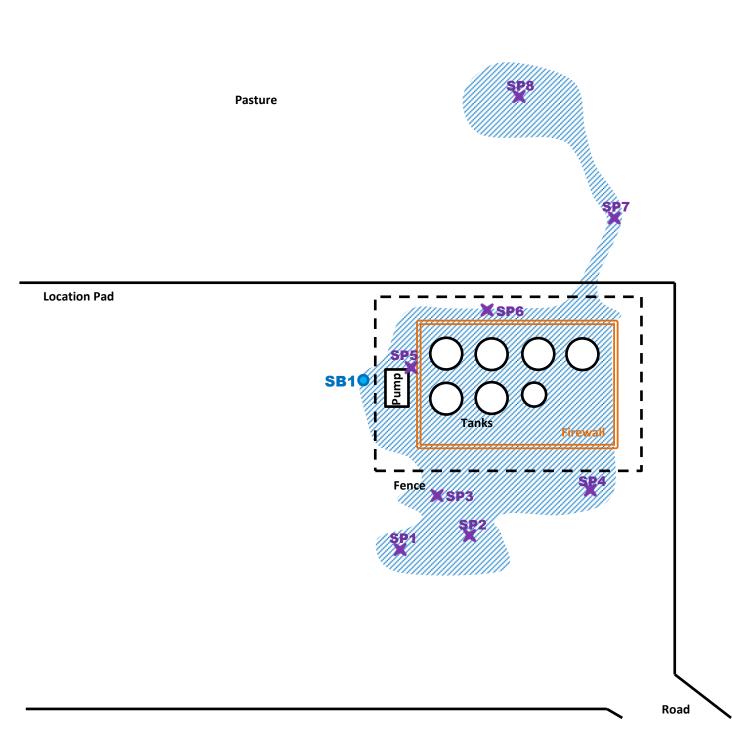
Eddy County, NM
N 32.27641° W 103.78047°

BBC International, Inc.			
Оху			
Sand Dunes 28	Federal #1 SWD		
Date: 03/28/2013	DRWG by: K. Purvis		
NOT TO SCALE	File: Oxy 2013		



Оху

Sand Dunes 28 Federal #1 SWD



U/L J, Section 28, T23S, R31E Eddy County, NM

N 32.27641° W 103.78047°

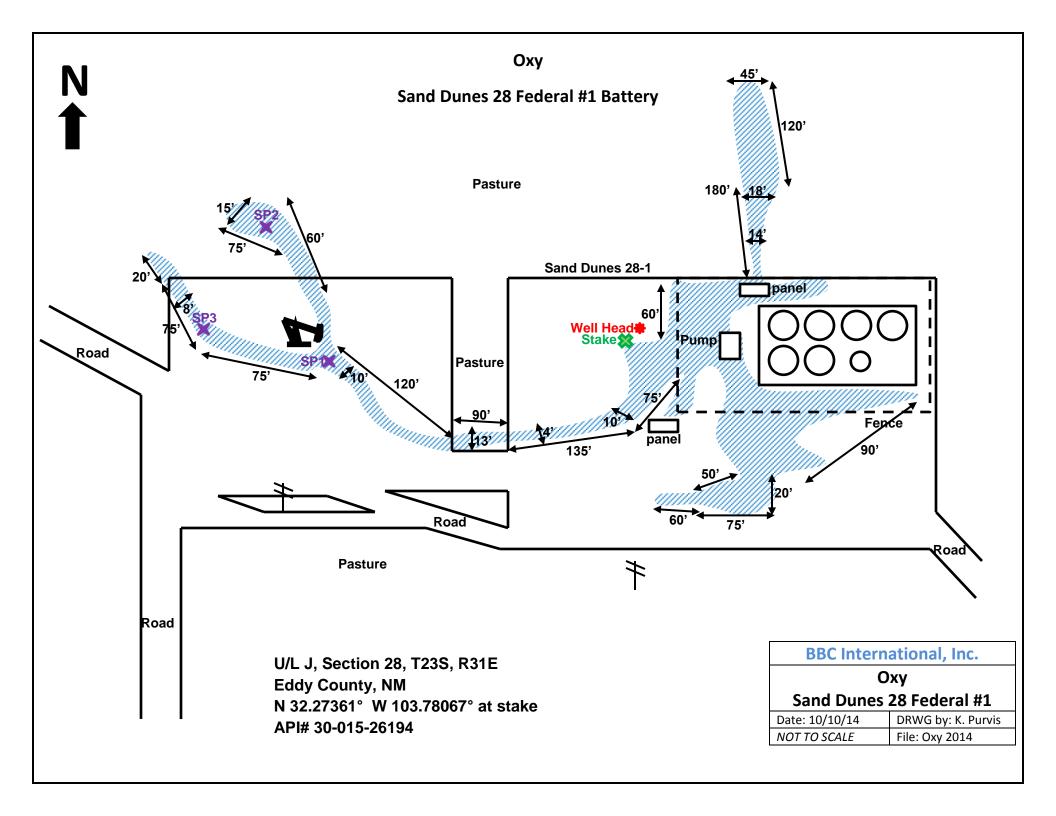
BBC International, Inc.

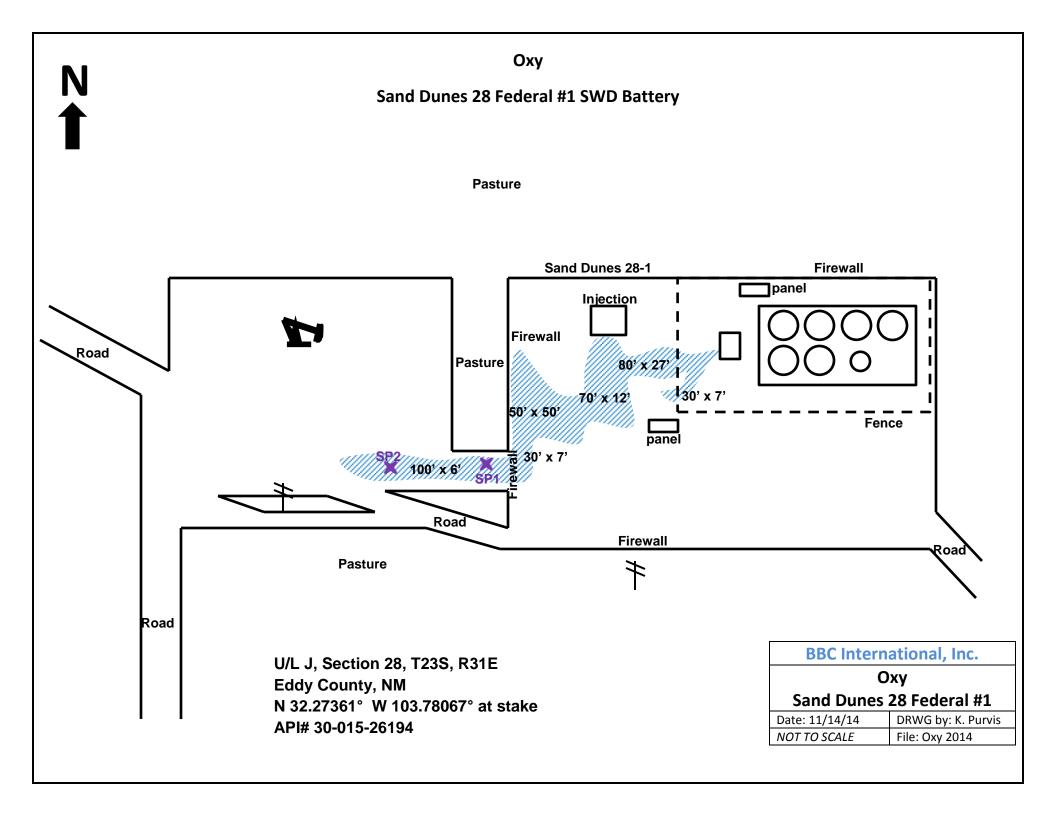
Оху

Sand Dunes 28 Federal #1 SWD

Date: 05/07/2013 DRWG by: K. Purvis

NOT TO SCALE File: Oxy 2013





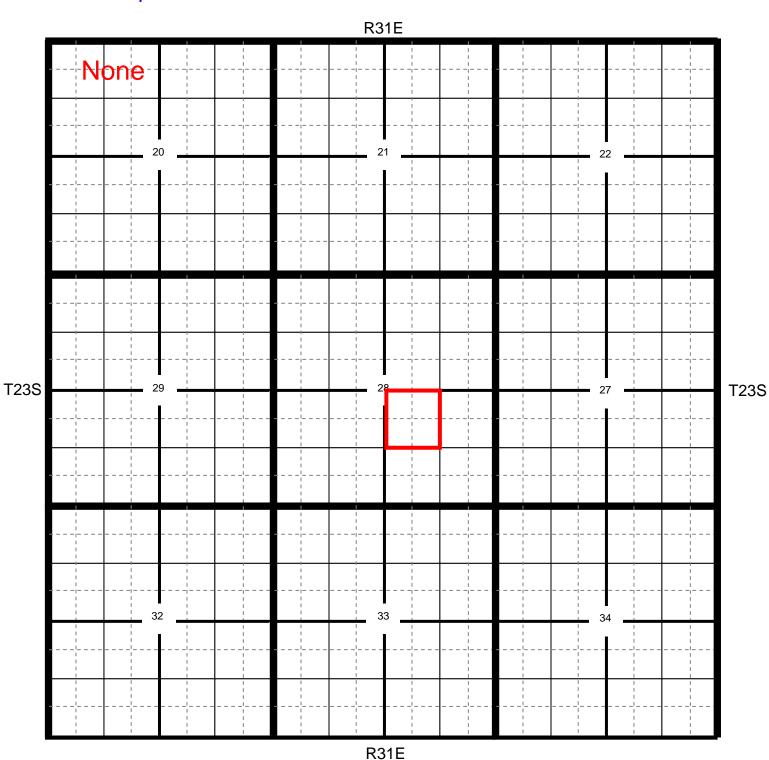


Groundwater Plot

Oxy Sand Dunes 28 Fed #1 Battery

CountyUnit LetterSectionTownshipRangeEddyJ2823S31E

Trend Map 200'-250'



Location

OCD

USGS

SEO

All Databases

Oxy Sand Dunes 28 Federal #1 Battery

CountyUnit LetterSectionTownshipRangeEddyJ2823S31E

Trend Map 200'-250'

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NW/NW	NE/NW	NW/NE	NE/NE
None			
Unit Letter D	Unit Letter C	Unit Letter B	Unit Letter A
SW/NW	SE/NW	SW/NE	SE/NE
Unit Letter E	Unit Letter F	Unit Letter G	Unit Letter H
NW/SW	NE/SW	NW/SE	NE/SE
Unit Letter L SW/SW	Unit Letter K SE/SW	Unit Letter J SW/SE	Unit Letter I SE/SE
Unit Letter M	Unit Letter N	Unit Letter O	Unit Letter P

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All Databases

Laboratory Analytical Results Summary OXY, Sand Dunes #28-1 SWD

		Sample	SP1 @ 1'	SP1 @ 3'	SP1 @ 5'	SP1 @ 8'
Analyte	Method	Date	10/4/12	10/4/12	10/4/12	10/4/12
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050
Toluene	BTEX 8021B		0.134	0.174	< 0.050	< 0.050
Ethylbenzene	BTEX 8021B		0.401	1.03	0.345	< 0.050
Total Xylenes	BTEX 8021B		2.05	8.04	2.63	< 0.150
Chloride	SM4500CI-B		1520	3520	1650	<16
GRO	TPH 8015M		422	638	56.8	<10.0
DRO	TPH 8015M		6170	6460	411	<10.0

		Sample	SP2 @ 1'	SP2 @ 3'	SP2 @ 6'
Analyte	Method	Date	10/4/12	10/4/12	10/4/12
			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		0.295	< 0.050	< 0.050
Total Xylenes	BTEX 8021B		1.70	<0.150	<0.150
Chloride	SM4500CI-B		3000	352	<16
GRO	TPH 8015M		36.9	<10.0	<10.0
DRO	TPH 8015M		876	<10.0	<10.0

		Sample	SP3 @ 1'	SP3 @ 3'	SP3 @ 6'	SP3 @ 8'	SP3 @ 10'
Analyte	Method	Date	10/4/12	10/4/12	10/4/12	10/4/12	10/4/12
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		< 0.050	<0.200	< 0.050	< 0.050	< 0.050
Toluene	BTEX 8021B		0.199	<0.200	< 0.050	< 0.050	< 0.050
Ethylbenzene	BTEX 8021B		2.24	3.38	0.067	< 0.050	< 0.050
Total Xylenes	BTEX 8021B		10.8	17.0	0.280	<0.150	<0.150
Chloride	SM4500CI-B		224	6880	1920	1360	<16
GRO	TPH 8015M		221	571	10.4	<10.0	<10.0
DRO	TPH 8015M		3960	6690	198	<10.0	<10.0

		Sample	SP4 @ 1'	SP4 @ 3'	SP4 @ 5'	SP4 @ 8'	SP4 @ 11'	SP4 @ 14'
			_					
Analyte	Method	Date	10/5/12	10/5/12	10/5/12	10/5/12	10/5/12	10/5/12
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.200	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Toluene	BTEX 8021B		0.730	0.149	< 0.050	< 0.050	< 0.050	< 0.050
Ethylbenzene	BTEX 8021B		5.09	2.16	< 0.050	< 0.050	< 0.050	< 0.050
Total Xylenes	BTEX 8021B		57.4	13.3	0.216	<0.150	<0.150	<0.150
Chloride	SM4500CI-B		6400	3800	3120	448	1360	48
GRO	TPH 8015M		1170	485	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		6440	4340	206	27.3	13.3	<10.0

		Sample	SP5 @ 2'
Analyte	Method	Date	10/5/12
			mg/Kg
Benzene	BTEX 8021B		<0.200
Toluene	BTEX 8021B		0.238
Ethylbenzene	BTEX 8021B		4.18
Total Xylenes	BTEX 8021B		19.0
Chloride	SM4500CI-B		5840
GRO	TPH 8015M		482
DRO	TPH 8015M		4920

		Sample	SP6 @ 2'
Analyte	Method	Date	10/8/12
			mg/Kg
Benzene	BTEX 8021B		< 0.050
Toluene	BTEX 8021B		< 0.050
Ethylbenzene	BTEX 8021B		< 0.050
Total Xylenes	BTEX 8021B		<0.150
Chloride	SM4500CI-B		832
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0

		Sample	SP7 @ 2'
Analyte	Method	Date	10/8/12
			mg/Kg
Benzene	BTEX 8021B		< 0.050
Toluene	BTEX 8021B		0.135
Ethylbenzene	BTEX 8021B		2.87
Total Xylenes	BTEX 8021B		15.5
Chloride	SM4500CI-B		992
GRO	TPH 8015M		534
DRO	TPH 8015M		4840

Laboratory Analytical Results Summary OXY, Sand Dunes 28 #1 2nd Leak

		Sample	SP1 @ SURFACE	SP1 @ 1'
Analyte	Method	Date	10/30/12	10/30/12
			mg/Kg	mg/Kg
Chloride	SM4500CI-B		<16.0	<16.0

		Sample	SP2 @ SURFACE	SP2 @ 1'
Analyte	Method	Date	10/30/12	10/30/12
			mg/Kg	mg/Kg
Chloride	SM4500CI-B		<16.0	<16.0

		Sample	SP3 @ SURFACE	SP3 @ 1'
Analyte	Method	Date	10/30/12	10/30/12
			mg/Kg	mg/Kg
Chloride	SM4500CI-B		832	32

		Sample	SP4 @ SURFACE	SP4 @ 1'	SP4 @ 2'
Analyte	Method	Date	10/30/12	10/30/12	10/30/12
			mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500CI-B		2320	176	128

		Sample	SP5 @ SURFACE	SP5 @ 1'
Analyte	Method	Date	10/30/12	10/30/12
			mg/Kg	mg/Kg
Chloride	SM4500CI-B		48	<16.0

		Sample	SP6 @ SURFACE	SP6 @ 1'
Analyte	Method	Date	10/30/12	10/30/12
			mg/Kg	mg/Kg
Chloride	SM4500CI-B		32	<16.0

		Sample	SP7 @ SURFACE	SP7 @ 1'	SP7 @ 3'	SP7 @ 6'
Analyte	Method	Date	10/30/12	10/30/12	10/30/12	10/30/12
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500CI-B		92800	512	384	<16.0

		Sample	SP8 @ SURFACE	SP8 @ 1'	SP8 @ 3'	SP8 @ 6'	SP8 @ 7'
Analyte	Method	Date	10/30/12	10/30/12	10/31/12	10/31/12	10/31/12
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500CI-B		43200	656	336	208	<16.0

Laboratory Analytical Results Summary OXY, Sand Dunes 28 #1 2nd Leak

		Sample	SP9 @ SURFACE	SP9 @ 1'	SP9 @ 3'	SP9 @ 5'
Analyte	Method	Date	10/31/12	10/31/12	10/31/12	10/31/12
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500CI-B		58400	608	480	<16.0

		Sample	SP10 @ SURFACE	SP10 @ 1'	SP10 @ 3'	SP10 @ 6'	SP10 @ 7'
Analyte	Method	Date	10/31/12	10/31/12	10/31/12	10/31/12	10/31/12
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500CI-B		34000	23600	1570	416	176

		Sample	SP11 @ SURFACE	SP11 @ 1'	SP11 @ 3'	SP11 @ 6'	SP11 @ 9'	SP11 @ 13'	SP11 @ 18'
Analyte	Method	Date	10/31/12	10/31/12	10/31/12	10/31/12	10/31/12	11/1/12	11/1/12
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500CI-B		27600	10900	4560	2920	3000	4360	2480

		Sample	SP12 @ SURFACE	SP12 @ 1'	SP12 @ 3'	SP12 @ 6'	SP12 @ 9'	SP12 @ 13'	SP12 @ 18'
Analyte	Method	Date	10/31/12	10/31/12	10/31/12	10/31/12	10/31/12	11/1/12	11/1/12
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500CI-B		72000	4640	7280	9600	4320	3240	2120

		Sample	SP13 @ SURFACE	SP13 @ 1'	SP13 @ 3'
Analyte	Method	Date	11/1/12	11/1/12	11/1/12
			mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500CI-B		2840	384	96

Laboratory Analytical Results Summary Sand Dunes 28 Federal #1 SWD

		Sample	SP1 @ 1'	SP1 @ 3'
Analyte	Method	Date	4/4/13	4/4/13
			mg/Kg	mg/Kg
Benzene	BTEX 8021B		< 0.050	N/A
Toluene	BTEX 8021B		< 0.050	N/A
Ethylbenzene	BTEX 8021B		< 0.050	N/A
Total Xylenes	BTEX 8021B		<0.150	N/A
Total BTEX	BTEX 8021B		< 0.300	N/A
Chloride	SM4500CI-B		1970	128
GRO	TPH 8015M		<10.0	N/A
DRO	TPH 8015M		<10.0	N/A

		Sample	SP2 @ 1'	SP2 @ 3'
Analyte	Method	Date	4/4/13	4/4/13
			mg/Kg	mg/Kg
Chloride	SM4500CI-B		1630	128

		Sample	SP3 @ 1'	SP3 @ 3'
Analyte	Method	Date	4/4/13	4/4/13
			mg/Kg	mg/Kg
Chloride	SM4500CI-B		176	4400

		Sample	SP4 @ 1'	SP4 @ 2'
Analyte	Method	Date	4/4/13	4/4/13
			mg/Kg	mg/Kg
Benzene	BTEX 8021B		N/A	< 0.050
Toluene	BTEX 8021B		N/A	< 0.050
Ethylbenzene	BTEX 8021B		N/A	< 0.050
Total Xylenes	BTEX 8021B		N/A	<0.150
Total BTEX	BTEX 8021B		N/A	< 0.300
Chloride	SM4500CI-B		208	160
GRO	TPH 8015M		N/A	<10.0
DRO	TPH 8015M		N/A	<10.0

		Sample	SP5 @ 1'	SP5 @ 2'
Analyte	Method	Date	4/4/13	4/4/13
			mg/Kg	mg/Kg
Chloride	SM4500CI-B		320	160

		Sample	SP6 @ 1'	SP6 @ 2'
Analyte	Method	Date	4/5/13	4/5/13
			mg/Kg	mg/Kg
Chloride	SM4500CI-B		640	8720

Laboratory Analytical Results Summary Sand Dunes 28 Federal #1 SWD

		Sample	SP7 @ 6'
Analyte	Method	Date	4/8/13
			mg/Kg
Chloride	SM4500CI-B		1010

		Sample	SP8 @ 6'
Analyte	Method	Date	4/8/13
			mg/Kg
Chloride	SM4500CI-B		1100

		Sample	SP9 @ 6'
Analyte	Method	Date	4/8/13
			mg/Kg
Chloride	SM4500CI-B		10600

		Sample	SP10 @ 6'
Analyte	Method	Date	4/8/13
			mg/Kg
Chloride	SM4500CI-B		8960

Laboratory Analytical Results Summary Sand Dunes 28-1

		Sample	SP1 @ 1'	SP1 @ 3'	SP1 @ 5'
Analyte	Method	Date	7/30/13	7/30/13	7/30/13
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		< 0.050	n/a	n/a
Toluene	BTEX 8021B		< 0.050	n/a	n/a
Ethylbenzene	BTEX 8021B		< 0.050	n/a	n/a
Total Xylenes	BTEX 8021B		<0.150	n/a	n/a
Total BTEX	BTEX 8021B		< 0.300	n/a	n/a
Chloride	SM4500CI-B		5480	8240	112
GRO	TPH 8015M		<10.0	n/a	n/a
DRO	TPH 8015M		<10.0	n/a	n/a

		Sample	SP2 @ 1'	SP2 @ 3'	SP2 @ 4'
Analyte	Method	Date	7/30/13	7/30/13	7/30/13
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		< 0.050	n/a	n/a
Toluene	BTEX 8021B		< 0.050	n/a	n/a
Ethylbenzene	BTEX 8021B		< 0.050	n/a	n/a
Total Xylenes	BTEX 8021B		<0.150	n/a	n/a
Total BTEX	BTEX 8021B		< 0.300	n/a	n/a
Chloride	SM4500CI-B		1280	4800	256
GRO	TPH 8015M		<10.0	n/a	n/a
DRO	TPH 8015M		<10.0	n/a	n/a

		Sample	SP3 @ 1'	SP3 @ 3'	SP3 @ 5'	SP3 @ 8'
Analyte	Method	Date	7/30/13	7/31/13	7/31/13	7/31/13
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		< 0.050	n/a	n/a	n/a
Toluene	BTEX 8021B		< 0.050	n/a	n/a	n/a
Ethylbenzene	BTEX 8021B		< 0.050	n/a	n/a	n/a
Total Xylenes	BTEX 8021B		<0.150	n/a	n/a	n/a
Total BTEX	BTEX 8021B		< 0.300	n/a	n/a	n/a
Chloride	SM4500CI-B		7200	3680	2560	288
GRO	TPH 8015M		<10.0	n/a	n/a	n/a
DRO	TPH 8015M		581	n/a	n/a	n/a

		Sample	SP4 @ 1'	SP4 @ 3'	SP4 @ 4'
Analyte	Method	Date	7/31/13	7/31/13	7/31/13
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		< 0.050	n/a	n/a
Toluene	BTEX 8021B		< 0.050	n/a	n/a
Ethylbenzene	BTEX 8021B		< 0.050	n/a	n/a
Total Xylenes	BTEX 8021B		<0.150	n/a	n/a
Total BTEX	BTEX 8021B		<0.300	n/a	n/a
Chloride	SM4500CI-B		5440	928	144
GRO	TPH 8015M		<10.0	n/a	n/a

		Sample	SP5 @ 1'	SP5 @ 3'	SP5 @ 5'	SP5 @ 9'
Analyte	Method	Date	7/30/13	7/31/13	7/31/13	8/1/13
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		< 0.050	n/a	n/a	n/a
Toluene	BTEX 8021B		< 0.050	n/a	n/a	n/a
Ethylbenzene	BTEX 8021B		< 0.050	n/a	n/a	n/a
Total Xylenes	BTEX 8021B		<0.150	n/a	n/a	n/a
Total BTEX	BTEX 8021B		< 0.300	n/a	n/a	n/a
Chloride	SM4500CI-B		6640	560	3920	14200
GRO	TPH 8015M		<10.0	n/a	n/a	n/a
DRO	TPH 8015M		41.1	n/a	n/a	n/a

		Sample	SP6 @ 1'	SP6 @ 3'	SP6 @ 5'	SP6 @ 7'
Analyte	Method	Date	8/1/13	8/1/13	8/1/13	8/1/13
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		< 0.050	n/a	n/a	n/a
Toluene	BTEX 8021B		< 0.050	n/a	n/a	n/a
Ethylbenzene	BTEX 8021B		< 0.050	n/a	n/a	n/a
Total Xylenes	BTEX 8021B		<0.150	n/a	n/a	n/a
Total BTEX	BTEX 8021B		< 0.300	n/a	n/a	n/a
Chloride	SM4500CI-B		9800	9200	5460	<16.0
GRO	TPH 8015M		<10.0	n/a	n/a	n/a
DRO	TPH 8015M		<10.0	n/a	n/a	n/a

		Sample	SP7 @ 1'	SP7 @ 3'	SP7 @ 4'
Analyte	Method	Date	8/1/13	8/1/13	8/1/13
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		< 0.050	n/a	n/a
Toluene	BTEX 8021B		< 0.050	n/a	n/a
Ethylbenzene	BTEX 8021B		< 0.050	n/a	n/a
Total Xylenes	BTEX 8021B		<0.150	n/a	n/a
Total BTEX	BTEX 8021B		< 0.300	n/a	n/a
Chloride	SM4500CI-B		3120	3680	<16.0
GRO	TPH 8015M		<10.0	n/a	n/a
DRO	TPH 8015M		<10.0	n/a	n/a

		Sample	SP8 @ 2'
Analyte	Method	Date	8/1/13
			mg/Kg
Chloride	SM4500CI-B		1760

Laboratory Analytical Results Summary Sand Dunes 28-1

DRO	TPH 8015M	<10.0	n/a	n/a

Laboratory Analytical Results Summary Sand Dunes 28 Federal #1 SWD Battery

		Sample	SB1 @ 21'	SB1 @ 24'	SB1 @ 26'
Analyte	Method	Date	7/2/14	7/2/14	7/2/14
			mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500CI-B		160	224	240

Laboratory Analytical Results Summary Sand Dunes 28 Federal #1 SWD Battery (10/06/14 leak)

		Sample	SP1 @ SURFACE	SP1 @ 1'	SP1 @ 2'
Analyte	Method	Date	7/15/15	7/15/15	7/15/15
			mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500CI-B		26800	1140	320

		Sample	SP2 @ SURFACE
Analyte	Method	Date	7/15/15
			mg/Kg
Chloride	SM4500CI-B		48

		Sample	SP3 @ SURFACE	SP3 @ 1'	SP3 @ 2'	SP3 @ 3'	SP3 @ 4'	SP3 @ 5'
Analyte	Method	Date	7/15/15	7/15/15	7/15/15	7/15/15	7/15/15	7/15/15
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500CI-B		22000	2200	1640	1260	1070	272

Laboratory Analytical Results Summary Sand Dunes 28 Federal #1 SWD Battery (10/23/14 leak)

		Sample	SP1 @ SURFACE	SP1 @ 1'	SP1 @ 2'
Analyte	Method	Date	7/15/15	7/15/15	7/15/15
			mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500CI-B		6960	752	128

		Sample	SP2 @ SURFACE	SP2 @ 1'	SP2 @ 2'
Analyte	Method	Date	7/15/15	7/15/15	7/15/15
			mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500CI-B		3000	432	80



October 16, 2012

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: SAND DUNES #28 #1 SWD

Enclosed are the results of analyses for samples received by the laboratory on 10/11/12 16:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab 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. Keeno

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: (505) 397-0397

Received: 10/11/2012 Sampling Date: 10/04/2012

Reported: 10/16/2012 Sampling Type: Soil

Project Name: SAND DUNES #28 #1 SWD Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

4 -- - b -- - - d D--- 4 D

Project Location: NOT GIVEN

Sample ID: SP 1 @ 1' (H202481-01)

BTEX 8021B	mg,	'kg	Analyze	d By: AP					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2012	ND	2.07	104	2.00	10.6	
Toluene*	0.134	0.050	10/13/2012	ND	1.89	94.6	2.00	9.65	
Ethylbenzene*	0.401	0.050	10/13/2012	ND	1.87	93.5	2.00	9.26	
Total Xylenes*	2.05	0.150	10/13/2012	ND	5.53	92.2	6.00	8.46	
Surrogate: 4-Bromofluorobenzene (PID	174	% 89.4-12	6						
Chloride, SM4500Cl-B	mg,	'kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1520	16.0	10/15/2012	ND	400	100	400	3.92	
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	422	50.0	10/12/2012	ND	173	86.3	200	6.11	
DRO >C10-C28	6170	50.0	10/12/2012	ND	205	103	200	10.9	
Surrogate: 1-Chlorooctane	127	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	180	% 63.6-15	4						

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Fax To: (505) 397-0397

Received: 10/11/2012 Sampling Date: 10/04/2012

Reported: 10/16/2012 Sampling Type: Soil

Project Name: SAND DUNES #28 #1 SWD Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: NOT GIVEN

Sample ID: SP 1 @ 3' (H202481-02)

BTEX 8021B	mg	kg	Analyze	d By: AP					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2012	ND	2.07	104	2.00	10.6	
Toluene*	0.174	0.050	10/13/2012	ND	1.89	94.6	2.00	9.65	
Ethylbenzene*	1.03	0.050	10/13/2012	ND	1.87	93.5	2.00	9.26	
Total Xylenes*	8.04	0.150	10/13/2012	ND	5.53	92.2	6.00	8.46	
Surrogate: 4-Bromofluorobenzene (PID	174	% 89.4-12	6						
Chloride, SM4500Cl-B	mg	'kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3520	16.0	10/15/2012	ND	400	100	400	3.92	
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	638	50.0	10/13/2012	ND	173	86.3	200	6.11	
DRO >C10-C28	6460	50.0	10/13/2012	ND	205	103	200	10.9	
Surrogate: 1-Chlorooctane	154	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	182	% 63.6-15	4						

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Received: 10/11/2012 Sampling Date: 10/04/2012

Reported: 10/16/2012 Sampling Type: Soil

Project Name: SAND DUNES #28 #1 SWD Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: NOT GIVEN

Sample ID: SP 1 @ 5' (H202481-03)

BTEX 8021B	mg,	/kg	Analyze	d By: AP					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2012	ND	2.07	104	2.00	10.6	
Toluene*	<0.050	0.050	10/13/2012	ND	1.89	94.6	2.00	9.65	
Ethylbenzene*	0.345	0.050	10/13/2012	ND	1.87	93.5	2.00	9.26	
Total Xylenes*	2.63	0.150	10/13/2012	ND	5.53	92.2	6.00	8.46	
Surrogate: 4-Bromofluorobenzene (PID	175	% 89.4-12	6						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1650	16.0	10/15/2012	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	56.8	10.0	10/13/2012	ND	173	86.3	200	6.11	
DRO >C10-C28	411	10.0	10/13/2012	ND	205	103	200	10.9	
Surrogate: 1-Chlorooctane	94.4	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	94.3	% 63.6-15	4						

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Received: 10/11/2012 Sampling Date: 10/04/2012

Reported: 10/16/2012 Sampling Type: Soil

Project Name: SAND DUNES #28 #1 SWD Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: NOT GIVEN

Sample ID: SP 1 @ 8' (H202481-04)

BTEX 8021B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2012	ND	2.07	104	2.00	10.6	
Toluene*	<0.050	0.050	10/13/2012	ND	1.89	94.6	2.00	9.65	
Ethylbenzene*	<0.050	0.050	10/13/2012	ND	1.87	93.5	2.00	9.26	
Total Xylenes*	<0.150	0.150	10/13/2012	ND	5.53	92.2	6.00	8.46	
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 89.4-12	6						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/15/2012	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	<10.0	10.0	10/13/2012	ND	173	86.3	200	6.11	
DRO >C10-C28	<10.0	10.0	10/13/2012	ND	205	103	200	10.9	
Surrogate: 1-Chlorooctane	95.3	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	98.2	% 63.6-15	4						

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Received: 10/11/2012 Sampling Date: 10/04/2012

Reported: 10/16/2012 Sampling Type: Soil

Project Name: SAND DUNES #28 #1 SWD Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: NOT GIVEN

Sample ID: SP 2 @ 1' (H202481-05)

BTEX 8021B	mg,	/kg	Analyze	d By: AP					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2012	ND	2.07	104	2.00	10.6	
Toluene*	<0.050	0.050	10/13/2012	ND	1.89	94.6	2.00	9.65	
Ethylbenzene*	0.295	0.050	10/13/2012	ND	1.87	93.5	2.00	9.26	
Total Xylenes*	1.70	0.150	10/13/2012	ND	5.53	92.2	6.00	8.46	
Surrogate: 4-Bromofluorobenzene (PID	143	% 89.4-12	6						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3000	16.0	10/15/2012	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	36.9	10.0	10/13/2012	ND	179	89.3	200	4.40	
DRO >C10-C28	876	10.0	10/13/2012	ND	170	84.8	200	8.47	
Surrogate: 1-Chlorooctane	95.5	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	104	% 63.6-15	4						

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Received: 10/11/2012 Sampling Date: 10/04/2012

Reported: 10/16/2012 Sampling Type: Soil

Project Name: SAND DUNES #28 #1 SWD Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: NOT GIVEN

Sample ID: SP 2 @ 3' (H202481-06)

TEX 8021B	mg/	kg	Analyze	Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/13/2012	ND	2.07	104	2.00	10.6	
Toluene*	<0.050	0.050	10/13/2012	ND	1.89	94.6	2.00	9.65	
Ethylbenzene*	<0.050	0.050	10/13/2012	ND	1.87	93.5	2.00	9.26	
Total Xylenes*	<0.150	0.150	10/13/2012	ND	5.53	92.2	6.00	8.46	
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	10/15/2012	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	<10.0	10.0	10/13/2012	ND	179	89.3	200	4.40	
DRO >C10-C28	<10.0	10.0	10/13/2012	ND	170	84.8	200	8.47	
Surrogate: 1-Chlorooctane	95.9	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	97.6	% 63.6-15	4						

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Fax To: (505) 397-0397

Received: 10/11/2012 Sampling Date: 10/04/2012

Reported: 10/16/2012 Sampling Type: Soil

Project Name: SAND DUNES #28 #1 SWD Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: NOT GIVEN

Sample ID: SP 2 @ 6' (H202481-07)

BTEX 8021B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/15/2012	ND	2.07	104	2.00	10.6	
Toluene*	<0.050	0.050	10/15/2012	ND	1.89	94.6	2.00	9.65	
Ethylbenzene*	<0.050	0.050	10/15/2012	ND	1.87	93.5	2.00	9.26	
Total Xylenes*	<0.150	0.150	10/15/2012	ND	5.53	92.2	6.00	8.46	
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 89.4-12	6						
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	10/16/2012	ND	400	100	400	7.69	
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	10/13/2012	ND	179	89.3	200	4.40	
DRO >C10-C28	<10.0	10.0	10/13/2012	ND	170	84.8	200	8.47	
Surrogate: 1-Chlorooctane	88.8	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	89.5	% 63.6-15	4						

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Fax To: (505) 397-0397

Received: 10/11/2012 Sampling Date: 10/04/2012

Reported: 10/16/2012 Sampling Type: Soil

Project Name: SAND DUNES #28 #1 SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Jodi Henson

Project Location: **NOT GIVEN**

Sample ID: SP 3 @ 1' (H202481-08)

TEX 8021B	mg,	/kg	Analyze	d By: AP					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/15/2012	ND	2.07	104	2.00	10.6	
Toluene*	0.199	0.050	10/15/2012	ND	1.89	94.6	2.00	9.65	
Ethylbenzene*	2.24	0.050	10/15/2012	ND	1.87	93.5	2.00	9.26	
Total Xylenes*	10.8	0.150	10/15/2012	ND	5.53	92.2	6.00	8.46	
Surrogate: 4-Bromofluorobenzene (PID	343	% 89.4-12	6						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	10/16/2012	ND	400	100	400	7.69	
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	221	50.0	10/13/2012	ND	179	89.3	200	4.40	
DRO >C10-C28	3960	50.0	10/13/2012	ND	170	84.8	200	8.47	
Surrogate: 1-Chlorooctane	108	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	163	% 63.6-15	4						

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Celey D. Keine



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Fax To: (505) 397-0397

Received: 10/11/2012 Sampling Date: 10/04/2012

Reported: 10/16/2012 Sampling Type: Soil

Project Name: SAND DUNES #28 #1 SWD Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: NOT GIVEN

Sample ID: SP 3 @ 3' (H202481-09)

BTEX 8021B	mg,	kg	Analyze	d By: AP					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	10/15/2012	ND	2.07	104	2.00	10.6	
Toluene*	<0.200	0.200	10/15/2012	ND	1.89	94.6	2.00	9.65	
Ethylbenzene*	3.38	0.200	10/15/2012	ND	1.87	93.5	2.00	9.26	
Total Xylenes*	17.0	0.600	10/15/2012	ND	5.53	92.2	6.00	8.46	
Surrogate: 4-Bromofluorobenzene (PID	159	% 89.4-12	6						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6880	16.0	10/16/2012	ND	400	100	400	7.69	
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	571	50.0	10/13/2012	ND	179	89.3	200	4.40	
DRO >C10-C28	6690	50.0	10/13/2012	ND	170	84.8	200	8.47	
Surrogate: 1-Chlorooctane	155	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	193	% 63.6-15	4						

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Fax To: (505) 397-0397

Received: 10/11/2012 Sampling Date: 10/04/2012

Reported: 10/16/2012 Sampling Type: Soil

Project Name: SAND DUNES #28 #1 SWD Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: NOT GIVEN

Sample ID: SP 3 @ 6' (H202481-10)

BTEX 8021B	mg,	/kg	Analyze	d By: AP					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/15/2012	ND	2.07	104	2.00	10.6	
Toluene*	<0.050	0.050	10/15/2012	ND	1.89	94.6	2.00	9.65	
Ethylbenzene*	0.067	0.050	10/15/2012	ND	1.87	93.5	2.00	9.26	
Total Xylenes*	0.280	0.150	10/15/2012	ND	5.53	92.2	6.00	8.46	
Surrogate: 4-Bromofluorobenzene (PID	127	% 89.4-12	6						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1920	16.0	10/16/2012	ND	400	100	400	7.69	
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	10.4	10.0	10/13/2012	ND	179	89.3	200	4.40	
DRO >C10-C28	198	10.0	10/13/2012	ND	170	84.8	200	8.47	
Surrogate: 1-Chlorooctane	89.5	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	91.9	% 63.6-15	4						

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Fax To: (505) 397-0397

Received: 10/11/2012 Sampling Date: 10/04/2012

Reported: 10/16/2012 Sampling Type: Soil

Project Name: SAND DUNES #28 #1 SWD Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: NOT GIVEN

Sample ID: SP 3 @ 8' (H202481-11)

BTEX 8021B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/15/2012	ND	2.07	104	2.00	10.6	
Toluene*	<0.050	0.050	10/15/2012	ND	1.89	94.6	2.00	9.65	
Ethylbenzene*	<0.050	0.050	10/15/2012	ND	1.87	93.5	2.00	9.26	
Total Xylenes*	<0.150	0.150	10/15/2012	ND	5.53	92.2	6.00	8.46	
Surrogate: 4-Bromofluorobenzene (PID	102	% 89.4-12	6						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1360	16.0	10/16/2012	ND	400	100	400	7.69	
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	10/13/2012	ND	179	89.3	200	4.40	
DRO >C10-C28	<10.0	10.0	10/13/2012	ND	170	84.8	200	8.47	
Surrogate: 1-Chlorooctane	85.6	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	86.7	% 63.6-15	4						

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Received: 10/11/2012 Sampling Date: 10/04/2012

Reported: 10/16/2012 Sampling Type: Soil

Project Name: SAND DUNES #28 #1 SWD Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: NOT GIVEN

Sample ID: SP 3 @ 10' (H202481-12)

BTEX 8021B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/15/2012	ND	2.07	104	2.00	10.6	
Toluene*	<0.050	0.050	10/15/2012	ND	1.89	94.6	2.00	9.65	
Ethylbenzene*	<0.050	0.050	10/15/2012	ND	1.87	93.5	2.00	9.26	
Total Xylenes*	<0.150	0.150	10/15/2012	ND	5.53	92.2	6.00	8.46	
Surrogate: 4-Bromofluorobenzene (PID	101	% 89.4-12	26						
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	10/16/2012	ND	400	100	400	7.69	
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	10/13/2012	ND	179	89.3	200	4.40	
DRO >C10-C28	<10.0	10.0	10/13/2012	ND	170	84.8	200	8.47	
Surrogate: 1-Chlorooctane	90.4	% 65.2-14	10						
Surrogate: 1-Chlorooctadecane	91.4	% 63.6-15	14						

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Received: 10/11/2012 Sampling Date: 10/05/2012

Reported: 10/16/2012 Sampling Type: Soil

Project Name: SAND DUNES #28 #1 SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Jodi Henson

Project Location: **NOT GIVEN**

Sample ID: SP 4 @ 1' (H202481-13)

BTEX 8021B	mg	/kg	Analyze	ed By: AP					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	10/15/2012	ND	2.07	104	2.00	10.6	
Toluene*	0.730	0.200	10/15/2012	ND	1.89	94.6	2.00	9.65	
Ethylbenzene*	5.09	0.200	10/15/2012	ND	1.87	93.5	2.00	9.26	
Total Xylenes*	57.4	0.600	10/15/2012	ND	5.53	92.2	6.00	8.46	
Surrogate: 4-Bromofluorobenzene (PID	358	% 89.4-12	6						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6400	16.0	10/16/2012	ND	400	100	400	7.69	
TPH 8015M	mg	/kg	Analyze	ed By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	1170	50.0	10/13/2012	ND	179	89.3	200	4.40	
DRO >C10-C28	6440	50.0	10/13/2012	ND	170	84.8	200	8.47	
Surrogate: 1-Chlorooctane	172	% 65.2-14	0						
Commenter 1 Chlores et al.	102	0/ 62 6 15							

182 % 63.6-154 Surrogate: 1-Chlorooctadecane

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Received: 10/11/2012 Sampling Date: 10/05/2012

Reported: 10/16/2012 Sampling Type: Soil

Project Name: SAND DUNES #28 #1 SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Jodi Henson

Project Location: **NOT GIVEN**

Sample ID: SP 4 @ 3' (H202481-14)

BTEX 8021B Analyte	mg/kg		Analyzed By: AP					S-04	
	Result	Reporting Limit	Analyzed	Method Blank	BS	S % Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/15/2012	ND	2.07	104	2.00	10.6	
Toluene*	0.149	0.050	10/15/2012	ND	1.89	94.6	2.00	9.65	
Ethylbenzene*	2.16	0.050	10/15/2012	ND	1.87	93.5	2.00	9.26	
Total Xylenes*	13.3	0.150	10/15/2012	ND	5.53	92.2	6.00	8.46	
Surrogate: 4-Bromofluorobenzene (PID	459	% 89.4-12	26						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3800	16.0	10/16/2012	ND	400	100	400	7.69	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	485	50.0	10/13/2012	ND	179	89.3	200	4.40	
DRO >C10-C28	4340	50.0	10/13/2012	ND	170	84.8	200	8.47	
Surrogate: 1-Chlorooctane	136	% 65.2-14	10						
Surrogate: 1-Chlorooctadecane	152	% 63.6-15	14						

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Received: 10/11/2012 Sampling Date: 10/05/2012

Reported: 10/16/2012 Sampling Type: Soil

Project Name: SAND DUNES #28 #1 SWD Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: NOT GIVEN

Sample ID: SP 4 @ 5' (H202481-15)

BTEX 8021B	mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/15/2012	ND	2.07	104	2.00	10.6	
Toluene*	<0.050	0.050	10/15/2012	ND	1.89	94.6	2.00	9.65	
Ethylbenzene*	<0.050	0.050	10/15/2012	ND	1.87	93.5	2.00	9.26	
Total Xylenes*	0.216	0.150	10/15/2012	ND	5.53	92.2	6.00	8.46	
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 89.4-12	6						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3120	16.0	10/16/2012	ND	400	100	400	7.69	
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	10/13/2012	ND	179	89.3	200	4.40	
DRO >C10-C28	206	10.0	10/13/2012	ND	170	84.8	200	8.47	
Surrogate: 1-Chlorooctane	96.6	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	99.1	% 63.6-15	4						

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Received: 10/11/2012 Sampling Date: 10/05/2012

Reported: 10/16/2012 Sampling Type: Soil

Project Name: SAND DUNES #28 #1 SWD Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: NOT GIVEN

Sample ID: SP 4 @ 8' (H202481-16)

BTEX 8021B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/15/2012	ND	2.07	104	2.00	10.6	
Toluene*	<0.050	0.050	10/15/2012	ND	1.89	94.6	2.00	9.65	
Ethylbenzene*	<0.050	0.050	10/15/2012	ND	1.87	93.5	2.00	9.26	
Total Xylenes*	<0.150	0.150	10/15/2012	ND	5.53	92.2	6.00	8.46	
Surrogate: 4-Bromofluorobenzene (PID	103	% 89.4-12	6						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	10/16/2012	ND	400	100	400	7.69	
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	10/13/2012	ND	179	89.3	200	4.40	
DRO >C10-C28	27.3	10.0	10/13/2012	ND	170	84.8	200	8.47	
Surrogate: 1-Chlorooctane	84.1	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	85.2	% 63.6-15	4						

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Received: 10/11/2012 Sampling Date: 10/05/2012

Reported: 10/16/2012 Sampling Type: Soil

Project Name: SAND DUNES #28 #1 SWD Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: NOT GIVEN

Sample ID: SP 4 @ 11' (H202481-17)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/15/2012	ND	2.07	104	2.00	10.6	
Toluene*	<0.050	0.050	10/15/2012	ND	1.89	94.6	2.00	9.65	
Ethylbenzene*	<0.050	0.050	10/15/2012	ND	1.87	93.5	2.00	9.26	
Total Xylenes*	<0.150	0.150	10/15/2012	ND	5.53	92.2	6.00	8.46	
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 89.4-12	6						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1360	16.0	10/16/2012	ND	400	100	400	7.69	
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	10/13/2012	ND	179	89.3	200	4.40	
DRO >C10-C28	13.3	10.0	10/13/2012	ND	170	84.8	200	8.47	
Surrogate: 1-Chlorooctane	85.9	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	85.9	% 63.6-15	4						

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Received: 10/11/2012 Sampling Date: 10/05/2012

Reported: 10/16/2012 Sampling Type: Soil

Project Name: SAND DUNES #28 #1 SWD Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: NOT GIVEN

Sample ID: SP 4 @ 14' (H202481-18)

BTEX 8021B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/15/2012	ND	2.07	104	2.00	10.6	
Toluene*	<0.050	0.050	10/15/2012	ND	1.89	94.6	2.00	9.65	
Ethylbenzene*	<0.050	0.050	10/15/2012	ND	1.87	93.5	2.00	9.26	
Total Xylenes*	<0.150	0.150	10/15/2012	ND	5.53	92.2	6.00	8.46	
Surrogate: 4-Bromofluorobenzene (PID	101	% 89.4-12	6						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/16/2012	ND	400	100	400	7.69	
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	10/13/2012	ND	179	89.3	200	4.40	
DRO >C10-C28	<10.0	10.0	10/13/2012	ND	170	84.8	200	8.47	
Surrogate: 1-Chlorooctane	80.5	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	80.6	% 63.6-15	4						

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Received: 10/11/2012 Sampling Date: 10/05/2012

Reported: 10/16/2012 Sampling Type: Soil

Project Name: SAND DUNES #28 #1 SWD Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: NOT GIVEN

Sample ID: SP 5 @ 2' (H202481-19)

BTEX 8021B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	10/15/2012	ND	2.07	104	2.00	10.6	
Toluene*	0.238	0.200	10/15/2012	ND	1.89	94.6	2.00	9.65	
Ethylbenzene*	4.18	0.200	10/15/2012	ND	1.87	93.5	2.00	9.26	
Total Xylenes*	19.0	0.600	10/15/2012	ND	5.53	92.2	6.00	8.46	
Surrogate: 4-Bromofluorobenzene (PID	94.5	% 89.4-12	6						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5840	16.0	10/16/2012	ND	400	100	400	7.69	
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	482	50.0	10/13/2012	ND	179	89.3	200	4.40	
DRO >C10-C28	4920	50.0	10/13/2012	ND	170	84.8	200	8.47	
Surrogate: 1-Chlorooctane	132	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	159	% 63.6-15	4						

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

Fax To: (505) 397-0397

Received: 10/11/2012 Sampling Date: 10/08/2012

Reported: 10/16/2012 Sampling Type: Soil

Project Name: SAND DUNES #28 #1 SWD Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: NOT GIVEN

Sample ID: SP 6 @ 2' (H202481-20)

BTEX 8021B	mg,	'kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/15/2012	ND	2.07	104	2.00	10.6	
Toluene*	<0.050	0.050	10/15/2012	ND	1.89	94.6	2.00	9.65	
Ethylbenzene*	<0.050	0.050	10/15/2012	ND	1.87	93.5	2.00	9.26	
Total Xylenes*	<0.150	0.150	10/15/2012	ND	5.53	92.2	6.00	8.46	
Surrogate: 4-Bromofluorobenzene (PID	104	% 89.4-12	6						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	832	16.0	10/16/2012	ND	400	100	400	7.69	
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	10/13/2012	ND	179	89.3	200	4.40	
DRO >C10-C28	<10.0	10.0	10/13/2012	ND	170	84.8	200	8.47	
Surrogate: 1-Chlorooctane	86.6	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	86.8	% 63.6-15	4						

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BBC International, Inc.

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

Fax To: (505) 397-0397

Received: 10/11/2012 Sampling Date: 10/08/2012

Reported: 10/16/2012 Sampling Type: Soil

Project Name: SAND DUNES #28 #1 SWD Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: NOT GIVEN

Sample ID: SP 7 @ 2' (H202481-21)

BTEX 8021B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/15/2012	ND	2.07	104	2.00	10.6	
Toluene*	0.135	0.050	10/15/2012	ND	1.89	94.6	2.00	9.65	
Ethylbenzene*	2.87	0.050	10/15/2012	ND	1.87	93.5	2.00	9.26	
Total Xylenes*	15.5	0.150	10/15/2012	ND	5.53	92.2	6.00	8.46	
Surrogate: 4-Bromofluorobenzene (PID	93.1	% 89.4-12	6						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	992	16.0	10/16/2012	ND	400	100	400	7.69	
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	534	50.0	10/13/2012	ND	179	89.3	200	4.40	
DRO >C10-C28	4840	50.0	10/13/2012	ND	170	84.8	200	8.47	
Surrogate: 1-Chlorooctane	142	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	154	% 63.6-15	4						

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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.

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

IN-OI -OUCTOD T AND ANALTOIO REQUEST

Company Name	BBC International	al, Inc.								8	IL	470						ANA	LYSI	SRE	EQUE	ST	Total Trans	27.1-1	h (* **)
	r: Cliff Brunson							P.0	0. #				10 18 0 V					1 - 12	Mark.	1	14.5				3 a ac)
Address: P.O.	Box 805						ä	Co	mp	any:			8		-							Ž.,			ė
City: Hobbs	8	State: NM	Zip:	8	8241			Att	tn:				in the same					1	1		1				
Phone #: 575-	397-6388	Fax #: 575	-397	-03	397			Ad	ldre	ss:	3	SAI	VIE	1	1										<u> </u>
Project #:		Project Owner	: 1	2	4			Cit	ìv:			-			*										2
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Sampler Name:	JEFFOR	UE/45							x#:									1							a;
FOR LAB USE ONLY						MATR	IX		-	ESER	v.	SAMPL	ING	Con	- Age				is .						
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[†] Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

RDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

(505) 393-2326 FAX (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc. **ANALYSIS REQUEST** BILL TO 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: City: Project Owner: Project #: Project Name: State: Zip: Project Location: Phone #: Sampler Name: Fax #: MATRIX PRESERV SAMPLING FOR LAB USE ONLY Sample I.D. Lab I.D. ACID/BASE ICE / COO H20248 DATE TIME 300 1003 1100 200 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, Relinguished By: Phone Result: ☐ Yes □ No Add'l Phone #: Received By: □ No Fax Result: ☐ Yes Add'l Fax #: **REMARKS:** Relinquished By: Date: Received By: Time: Delivered By: (Circle One) Sample Condition CHECKED BY: Cool Intact
☐ Yes ☐ Yes (Initials)

Sampler - UPS - Bus - Other:

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

ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(505) 393-2326 FAX (505) 393-2476 Company Name: BBC International, Inc. **ANALYSIS REQUEST BILL TO** Project Manager: Cliff Brunson P.O. #: Address: P.O. Box 805 Company: State: NM Zip: 88241 city: Hobbs Attn: Phone #: 575-397-6388 Fax #: 575-397-0397 Address: **Project Owner:** City: Project #: Project Name: State: Zip: Phone #: **Project Location:** Sampler Name: Fax #: MATRIX FOR LAB USE ONLY PRESERV SAMPLING Sample I.D. Lab I.D. H20748 DATE TIME 5P702 10.8 1127 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, Phone Result: Add'l Phone #: Relinguished By: Received By: ☐ Yes □ No Add'l Fax #: Fax Result: ☐ Yes □ No REMARKS: Time:

CHECKED BY:

(Initials)

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

Date:

Time:

Relinquished By:

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

#26

Sample Condition

Cool Intact

Yes Yes

Received By:



November 12, 2012

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: SAND DUNES 28 #1 2ND LEAK

Enclosed are the results of analyses for samples received by the laboratory on 11/06/12 15:42.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab 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. Keeno

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: (505) 397-0397

Received: 11/06/2012 Sampling Date: 10/30/2012

Reported: 11/12/2012 Sampling Type: Soil

Project Name: SAND DUNES 28 #1 2ND LEAK Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: EDDY COUNTY, NM

Sample ID: SP 1 @ SURFACE (H202705-01)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/09/2012	ND	432	108	400	0.00	

Sample ID: SP 1 @ 1' (H202705-02)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/09/2012	ND	432	108	400	0.00	

Sample ID: SP 2 @ SURFACE (H202705-03)

Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/09/2012	ND	432	108	400	0.00	

Sample ID: SP 2 @ 1' (H202705-04)

Chloride, SM4500CI-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/09/2012	ND	432	108	400	0.00	

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BBC International, Inc.

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

Fax To: (505) 397-0397

Received: 11/06/2012 Sampling Date: 10/30/2012

Reported: 11/12/2012 Sampling Type: Soil

Project Name: SAND DUNES 28 #1 2ND LEAK Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: EDDY COUNTY, NM

Sample ID: SP 3 @ SURFACE (H202705-05)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	832	16.0	11/09/2012	ND	432	108	400	0.00	

Sample ID: SP 3 @ 1' (H202705-06)

Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/09/2012	ND	432	108	400	0.00	

Sample ID: SP 4 @ SURFACE (H202705-07)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2320	16.0	11/09/2012	ND	432	108	400	0.00	

Sample ID: SP 4 @ 1' (H202705-08)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	11/12/2012	ND	416	104	400	0.00	

Sample ID: SP 4 @ 2' (H202705-09)

Chloride, SM4500CI-B	mg	/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	11/12/2012	ND	416	104	400	0.00	

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

Fax To: (505) 397-0397

Received: 11/06/2012 Sampling Date: 10/30/2012

Reported: 11/12/2012 Sampling Type: Soil

Project Name: SAND DUNES 28 #1 2ND LEAK Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: EDDY COUNTY, NM

Sample ID: SP 5 @ SURFACE (H202705-10)

Chloride, SM4500CI-B	ide, SM4500Cl-B mg/kg Analyzed By: AP		d By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/12/2012	ND	416	104	400	0.00	

Sample ID: SP 5 @ 1' (H202705-11)

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	11/12/2012	ND	416	104	400	0.00	

Sample ID: SP 6 @ SURFACE (H202705-12)

Chloride, SM4500Cl-B	/kg	Analyze	d By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/12/2012	ND	416	104	400	0.00	

Sample ID: SP 6 @ 1' (H202705-13)

Chloride, SM4500CI-B	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	11/12/2012	ND	416	104	400	0.00	

Sample ID: SP 7 @ SURFACE (H202705-14)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	92800	16.0	11/12/2012	ND	416	104	400	0.00	

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BBC International, Inc.

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

Fax To: (505) 397-0397

Received: 11/06/2012 Sampling Date: 10/30/2012

Reported: 11/12/2012 Sampling Type: Soil

Project Name: SAND DUNES 28 #1 2ND LEAK Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: EDDY COUNTY, NM

Sample ID: SP 7 @ 1' (H202705-15)

Chloride, SM4500Cl-B	mg	mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	11/12/2012	ND	416	104	400	0.00	

Sample ID: SP 7 @ 3' (H202705-16)

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	11/12/2012	ND	416	104	400	0.00	

Sample ID: SP 7 @ 6' (H202705-17)

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	11/12/2012	ND	416	104	400	0.00	

Sample ID: SP 8 @ SURFACE (H202705-18)

Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	43200	16.0	11/12/2012	ND	416	104	400	0.00	

Sample ID: SP 8 @ 1' (H202705-19)

Chloride, SM4500Cl-B	mg,	/kg	Analyze						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	11/12/2012	ND	416	104	400	0.00	

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BBC International, Inc.

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

Fax To: (505) 397-0397

Received: 11/06/2012 Sampling Date: 10/31/2012

Reported: 11/12/2012 Sampling Type: Soil

Project Name: SAND DUNES 28 #1 2ND LEAK Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: EDDY COUNTY, NM

Sample ID: SP 8 @ 3' (H202705-20)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	11/12/2012	ND	416	104	400	0.00	

Sample ID: SP 8 @ 6' (H202705-21)

Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	11/12/2012	ND	416	104	400	0.00	

Sample ID: SP 8 @ 7' (H202705-22)

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	11/12/2012	ND	416	104	400	0.00	

Sample ID: SP 9 @ SURFACE (H202705-23)

Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	58400	16.0	11/12/2012	ND	416	104	400	0.00	

Sample ID: SP 9 @ 1' (H202705-24)

Chloride, SM4500CI-B	I-B mg/kg			Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	11/12/2012	ND	416	104	400	0.00	

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400

0.00



Analytical Results For:

BBC International, Inc.

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

Fax To: (505) 397-0397

Received: 11/06/2012 Sampling Date: 10/31/2012

Reported: 11/12/2012 Sampling Type: Soil

Project Name: SAND DUNES 28 #1 2ND LEAK Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: EDDY COUNTY, NM

Sample ID: SP 9 @ 3' (H202705-25)

Chloride, SM4500Cl-B	mg	mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	11/12/2012	ND	416	104	400	0.00	
Sample ID: SP 9 @ 5' (F	1202705-26)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value OC	RPD	Oualifier

Sample ID: SP 10 @ SURFACE (H202705-27)

<16.0

16.0

Chloride, SM4500Cl-B	mg/	kg -	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	34000	16.0	11/12/2012	ND	416	104	400	0.00	

ND

416

104

11/12/2012

Sample ID: SP 10 @ 1' (H202705-28)

Chloride

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	23600	16.0	11/12/2012	ND	400	100	400	0.00	

Sample ID: SP 10 @ 3' (H202705-29)

Chloride, SM4500CI-B	CI-B mg/kg			Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1570	16.0	11/12/2012	ND	400	100	400	0.00	

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400

0.00



Analytical Results For:

BBC International, Inc.

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

Fax To: (505) 397-0397

Received: 11/06/2012 Sampling Date: 10/31/2012

Reported: 11/12/2012 Sampling Type: Soil

Project Name: SAND DUNES 28 #1 2ND LEAK Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: EDDY COUNTY, NM

Sample ID: SP 10 @ 6' (H202705-30)

Chloride, SM4500Cl-B	mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	11/12/2012	ND	400	100	400	0.00	
Sample ID: SP 10 @ 7' (H202705-31)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

Sample ID: SP 11 @ SURFACE (H202705-32)

176

16.0

Chloride

Chloride, SM4500Cl-B	mg/kg			d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	27600	16.0	11/12/2012	ND	400	100	400	0.00	

ND

400

100

11/12/2012

Sample ID: SP 11 @ 1' (H202705-33)

Chloride, SM4500CI-B	-B mg/kg Analyzed By: AP			d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10900	16.0	11/12/2012	ND	400	100	400	0.00	

Sample ID: SP 11 @ 3' (H202705-34)

Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4560	16.0	11/12/2012	ND	400	100	400	0.00	

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

Fax To: (505) 397-0397

Received: 11/06/2012 Sampling Date: 10/31/2012

Reported: 11/12/2012 Sampling Type: Soil

Project Name: SAND DUNES 28 #1 2ND LEAK Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: EDDY COUNTY, NM

Sample ID: SP 11 @ 6' (H202705-35)

Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2920	16.0	11/12/2012	ND	400	100	400	0.00	

Sample ID: SP 11 @ 9' (H202705-36)

Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3000	16.0	11/12/2012	ND	400	100	400	0.00	

Sample ID: SP 11 @ 13' (H202705-37)

Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4360	16.0	11/12/2012	ND	400	100	400	0.00	

Sample ID: SP 11 @ 18' (H202705-38)

Chloride, SM4500CI-B	mg	/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2480	16.0	11/12/2012	ND	400	100	400	0.00	

Sample ID: SP 12 @ SURFACE (H202705-39)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	72000	16.0	11/12/2012	ND	400	100	400	0.00	

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BBC International, Inc.

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

Fax To: (505) 397-0397

Received: 11/06/2012 Sampling Date: 10/31/2012

Reported: 11/12/2012 Sampling Type: Soil

Project Name: SAND DUNES 28 #1 2ND LEAK Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: EDDY COUNTY, NM

Sample ID: SP 12 @ 1' (H202705-40)

Chloride, SM4500CI-B	mg	/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4640	16.0	11/12/2012	ND	400	100	400	0.00	

Sample ID: SP 12 @ 3' (H202705-41)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7280	16.0	11/12/2012	ND	400	100	400	0.00	

Sample ID: SP 12 @ 6' (H202705-42)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9600	16.0	11/12/2012	ND	400	100	400	0.00	

Sample ID: SP 12 @ 9' (H202705-43)

Chloride, SM4500Cl-B	mg/kg Analyzed By: AP								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4320	16.0	11/12/2012	ND	400	100	400	0.00	

Sample ID: SP 12 @ 13' (H202705-44)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3240	16.0	11/12/2012	ND	400	100	400	0.00	

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BBC International, Inc.

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

Fax To: (505) 397-0397

Received: 11/06/2012 Sampling Date: 11/01/2012

Reported: 11/12/2012 Sampling Type: Soil

Project Name: SAND DUNES 28 #1 2ND LEAK Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: EDDY COUNTY, NM

Sample ID: SP 12 @ 18' (H202705-45)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2120	16.0	11/12/2012	ND	400	100	400	0.00	

Sample ID: SP 13 @ SURFACE (H202705-46)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2840	16.0	11/12/2012	ND	400	100	400	0.00	

Sample ID: SP 13 @ 1' (H202705-47)

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	11/12/2012	ND	400	100	400	0.00	

Sample ID: SP 13 @ 3' (H202705-48)

Chloride, SM4500CI-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	11/09/2012	ND	432	108	400	0.00	

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Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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ARDINAL LABORATORIES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name:	BBC Internationa	I, Inc.								BI	LL 70						ANAL	YSIS	RE	QUES	ST			
Project Manager	: Cliff Brunson							P.C). #:															
Address: P.O.	Box 805							Co	mpan	y:														
city: Hobbs		State: NM	Zip:	88	241			Att	n:															
Phone #: 575-3	397-6388	Fax #: 575-	397	-039	97			Ad	dress	:												1		
Project #:		Project Owner	: Ox	y			-	Cit	y:															
Project Name: S	SAND DUNES 28 #1	2ND LEAK						Sta	ite:		Zip:													
Project Location	: Eddy County, NM							Ph	one #	:														
Sampler Name:	Jeff Ornelas	1 4						Fax	κ#:															
FOR LAB USE ONLY		3.41.000-0.		П		MATR	IX		PRES	ERV.	SAMPI	ING	1											
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Ly)	SP2 @ 1' /		6			1	_					10:29 AM	-				ļ						ми	
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1,000	SP4 @ 1'	NAME OF THE PARTY	6	9	-			-	0		V 10.10 M 10.10 M 10.10	11:30 AM		-	-	-								
	SP4 @ 2'		6) . I	cere							11:48 AM 1:01 PM	1	v word	2 (900)	e (m. 12	of Committee Co.			c 300 o	2.14			40 X
PLEASE NOTE: Liability a	SP5 @ SURFACE nd Damages. Cardinal's liability and cli		_	m arising	whethe	r based in	contrac	et or to	rt, shall be	e limited			v the				ل	<u></u>						
analyses. All claims includi	ing those for negligence and any other Cardinal be liable for incidental or conse	cause whatsoever shall be	deeme	d waived	unless	made in w	riting ar	nd rece	ived by C	ardinal	within 30 days a	fter completion of	the applic	able										
affiliates or successors aris Relinquished B	ing out of or related to the performance	of services hereunder by 0		ceive			ch claim	is bas	ed upon	any of th	ne above stated	Phone Re		□ Ye	es 🗆	No	Add'l	Phone	#:		-			

Relinquished By:	Date: Received By:	Phone Result:	☐ Yes	□ No	Add'l Phone #:
	11-6-17	Fax Result:	☐ Yes	□ No	Add'l Fax #:
1/2/11/	Time:	REMARKS:			
V Carpinghan . Land	3.0° /lem Dutenten				
Relinquished By:	Date: / 2 Received By:				
13. 110- 11	Jime: 2 Well Janoby	الخنت			
Ren Owney					
Delivered By: (Circle One)	Sample Condition CHECKED BY:				
	Cool Intact (Initials)	49			
Sampler - UPS - Bus - Other:	Yes Yes				
	No No No				

#26

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



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

Company Name	BBC International, Inc.							B	ILL	70						ANAL	YSIS	RE	QUES	ST.	2.5		
Project Manager	: Cliff Brunson					Ρ.	.O. #:																
Address: P.O.	Box 805	100000000000000000000000000000000000000			771000	C	ompa	any:		*****			1										ľ
City: Hobbs	State: NM	Zip	: 8	8241	1	Αf	ttn:																
Phone #: 575-3	397-6388 Fax #: 575-	397	7-0	397		A	ddre	ss:															
Project #:	Project Owner	: O	κу	-		С	ity:									2							
Project Name: S	SAND DUNES 28 #1 2ND LEAK					S	tate:		Zi	ip:													
Project Location	: Eddy County, NM			•		Р	hone	#:															
Sampler Name:	Jeff Ornelas		***************************************		-83%	F	ax #:																
FOR LAB USE ONLY		٠.			MATRIX		PRI	ESER	٧.	SAMPLI	NG												
		(C)OMP	(O	<u>د</u> ا																			
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Lab I.D.	Sample I.D.	BOR	ITAII	NDV		Э.	3ASI	000	Ľ			-											
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12	SP6 @ 1' -	G	i		/			200	_		1:33 PM	1											
184	SP7 @ SURFACE	6			1			1	1	0/30/12	1:45 PM	1		***									
B	SP7 @ 1'	G			/			V	1	0/30/12	2:02 PM	✓											
1/2	SP7 @ 3'	6	1		V			~	1	0/30/12	2:41 PM	1										****	
17	SP7 @ 6' >	6	1					1	1	10/30/12	3:33 PM	1											
15	SP8 @ SURFACE	6	8		1		Ļ	620	·		3:41 PM	✓			<u> </u>								
] C.J.	SP8 @ 1' /	6	3	1	1		ere i	1			3:47 PM	1		13 II								1250	
PLEASE NOTE: Liability a	SP8 @ 3' // nd Damages, Cardinal's liability and client's exclusive remedy for	anv cla	im aris	sing wheth	ner based in co	ntract or	tort, sha	Il be limit		10/31/12 the amount pa		or the			L		L	<u>.</u>					
analyses. All claims includ	ing those for negligence and any other cause whatsoever shall be Cardinal be liable for incidental or consequental damages, includin	deeme	ed wai	ved unless	s made in writir	ng and re	eceived b	y Cardin	al with	nin 30 days afte	er completion of t	the applica	ible										
	ing out of or related to the performance of services hereunder by	Cardina	al, rega		whether such							ise.	☐ Ye	s 🖺	No	Add'	Phone	#:					
and a second	11-6	13		2	0		,				Fax Resu REMARK	lt:	☐ Ye		No		Fax #:						
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Relinquished B	11-6-12	R	ece	ived B	βy: ⊭	h	معتشد ا	. ,	A 2014 .	ê. o													
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Delivered By	: (Circle One)	(J. X		ample Co		n		CKE nitia	DBY:													
Sampler - UPS	- Bus - Other:	1).	0		→Yes ☐ No ☐			Ľ,	1	a -													

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



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

Company Name	BBC International, Inc.										BI	L	470							<u>ANA</u>	LYS	IS	RE	QUE:	ST			
Project Manager	: Cliff Brunson							Р.	0.	#:					\Box													
Address: P.O.	Box 805							C.	om	pan	y:		02 48															
City: Hobbs	State: NM	Zip	: 8	82	41			At	ttn:												ļ	ļ						
Phone #: 575-3	397-6388 Fax #: 575-	397	7-0	397	7			A	ddr	ess	:		570 503000									İ						
Project #:	Project Owner	: Ox	ху					С	ity:																			
Project Name: S	SAND DUNES 28 #1 2ND LEAK							S	tate) :		Z	ip:															
Project Location	n: Eddy County, NM							Р	hor	ne #	:																	
Sampler Name:	Jeff Ornelas							F	ax ‡													١						
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	- 1"	SLUDGE		ACIU/BASE:	ERV OTHER.		DATE	NG TIMI	E) _U							75007					
21	SP8 @ 6' /	G	1			1				•		ľ	10/31/12	9:17 A	M	✓												
2%	SP8 @ 6' / SP8 @ 7' /	6				1	1						10/31/12		_	✓		*				4		<u> </u>				
y s	SP9 @ SURFACE SP9 @ 1' SP9 @ 3' SP9 @ 5' SP9 @ 5' SP10 @ SURFACE	6		<u> </u>		✓,			1	,		-	10/31/12			✓					_			ļ				
24	SP9 @ 1' /	G		L		V	1		1	4	200	-	10/31/12		_	√				ļ	_	4		↓	<u> </u>			
100	SP9 @ 3' -/	6	1	┡		1	4	_	+	- 10	Marie Contraction	-	10/31/12			✓				-		-			-	ľ		
The shall	SP9@5	6	1	╀		200	_		+			-	10/31/12 1 <mark>0/3</mark> 1/12	-	_	1					-	-		-	ļ	-		
61	SP10 @ SURFACE / SP10 @ 1' /	6		-		1	1		╁	+		_	10/31/12	-		1				1	-	+						
1303	SP10 @ 3'	6	1	-		1	+		+		1	-	10/31/12			1					-	-						
l 3Ô	SP10 @ 6'	Ğ		1-	1	1		-	١	a	1	١	10/31/12			1			***		C 000 1000						85.5	
analyses. All claims includ service. In no event shall	and Damages. Cardinal's liability and client's exclusive remedy for ling those for negligence and any other cause whatsoever shall be Cardinal be liable for incidental or consequental damages, including any out of or related to the performance of services hereunder by	any cla deeme g witho	im ari ed wai	ved ur itation,	iless m busine	ade in ss inte	writing erruptic	and re	eceive s of u	ed by 0 use, or	Cardina loss o	al wit of pro	hin 30 days aft fits incurred by	er completio client, its sul	n of th bsidia	he applic aries,	able						000000000000000000000000000000000000000	0.000				
Relinquished E	7 Time:	2	ece	yec K	By:	<i>i</i>	Per	En	senge	211	,			Phone Fax Re REMA	esul	lt:	☐ Yes		No No		l Pho l Fax		ŧ:					
	Date: //-6-/2 time: 3'.42 /: (Circle One)	R	ecé	ivec	Cod	ار اد	Intac			Z N		3 1	ED BY:															
Sampler - UPS	o - bus - Other:	16	16	1	H	No	H	Yes No				1	1/1															

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



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

Company Name	BBC International,	Inc.								BIL	470						ANAL	YSIS	REC	QUES	T			
Project Manager	: Cliff Brunson							P.O). #:															
Address: P.O.	Box 805							Cor	mpar	ıy:													i	
city: Hobbs		State: NM Z	ip:	88	241			Attı	n:												İ			
Phone #: 575-3	397-6388 F	ax #: 575-3	97	-039	97			Add	dres	s:												- 1		
Project #:	P	roject Owner:	Ox	у				City	y:															
Project Name: S	SAND DUNES 28 #1 2	ND LEAK						Sta	te:		Zip:													
Project Location	: Eddy County, NM							Pho	one #	# :		III.									1			
Sampler Name:	Jeff Ornelas			1877.487				Fax	c #:															
FOR LAB USE ONLY						MATR	X		PRES	SERV.	SAMPLI	NG												
Lab I.D.	Sample I.D		(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	SLUDGE	OTHER:	ACID/BASE:	OTHER:	DATE	TIME	0											
31	SP10 @ 7'		G	1		1			١,		10/31/12	11:51 AM	✓											
32	SP10 @ 7' / SP11 @ SURFACE	2	6	1		1				1	10/31/12	1:05 PM	✓											
35	SP11 @ 1' / SP11 @ 3'	***	G	i		1					10/31/12	1:11 PM	1								1			
34	SP11 @ 3'		6	1		1				1	10/31/12	1:20 PM	✓											
35	SP11 @ 6'					e/					10/31/12		✓				**********							
36	SP11 @ 9' SP11 @ 13' SP11 @ 18'	9000	6	9							10/31/12		✓											
37	SP11 @ 13'		6	Ц	_	***					11/1/12	9:00 AM	V			6		7						
96	SP11 @ 18'		6							1	11/1/12	10:23 AM	✓						\vdash					
39	SP12 @ SURFACE	2 1000 MONEY	6	3		1		-			10/31/12	100 000 00	Y		and the second second				30 (10.0)	NC 000K C				
PLEASE NOTE: Lightility	SP12 @ 1'	s exclusive remedy for an	(O	n arising	wheth	er based in	contrac	t or tor	rt shali	he limited	10/31/12		r the				<u> </u>							
analyses. All claims includ service. In no event shall (ing barnages. Cardinars liability and client ing those for negligence and any other cau Cardinal be liable for incidental or conseque sing out of or related to the performance of	se whatsoever shall be de ental damages, including t	emed vithou	i waived t limitatio	unless on, bus	made in w iness interr	riting an uptions,	d rece loss o	ived by of use, o	Cardinal or loss of p	within 30 days after profits incurred by	er completion of t	he applica aries,	able										
Relinquished B		Date: /-6-0		ceive								Phone Re Fax Resu	sult:	□ Ye		No No	Add'l	Phone :	#:	-			-	
			-		/		1										1							

REMARKS:

Time: 3:00
Date: 3:42 Relinquished By: Sample Condition
Cool / Intact/
Yes Yes
No No No CHECKED BY: Delivered By: (Circle One) Sampler - UPS - Bus - Other:

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



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

Company Name	BBC International, Inc.								5	:IL	470							ANA	LYSI	S R	EQUE	ST		
	: Cliff Brunson						P.0	0. #:																
Address: P.O.	Box 805					45.4	Со	mpa	ny:	,														
City: Hobbs	State: NM	Zip:	8	824	1		Att	tn:								Į								
Phone #: 575-3	397-6388 Fax #: 575	-397	7-0 3	397			Ad	ldres	ss:															
Project #:	Project Owner	: Ox	су				Cit	ty:																
	SAND DUNES 28 #1 2ND LEAK						Sta	ate:		2	Zip:													
Project Location	: Eddy County, NM						Ph	one	#:												1			
Sampler Name:	Jeff Ornelas		_				Fa	x #:																
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	NVASI EVVA I EK SOIL		OTHER:	ACID/BASE:	7	OTHER:	DATE	TIME	0	,										
	SP12 @ 6' //	6	1		1		-		4		10/31/12		1	-	+				-	1		-		
	SP12 @ 9' /	6		\vdash	1		+		1	_	10/31/12 10/31/12		✓	+	\dashv					+			_	
	SP12 @ 13' /	6					+			-	11/1/12	10:59 AM			-								-	
1000 1000	SP12 @ 18'	6	;						1		11/1/12	12:18 PM	<u> </u>	-					 	+				 1
U.	SP13 @ SURFACE	6	1		1				8/		11/1/12	2:11 PM	1			PAGE			1					
L4°)	SP13 @ 1' 📝	6	1						1		11/1/12	2:12 PM	1			DOMESTIC OF THE PARTY OF THE PA								
Ly3	SP13 @ 3' \varkappa	6	8						1		11/1/12	2:30 PM	1											
	KAP					(6)		 .			*********					200	-	ļ	4			n (1880) (# 18.		
analyses. All claims includ service. In no event shall,	and Damages. Cardinal's liability and client's exclusive remedy for ing those for negligence and any other cause whatsoever shall be Cardinal be liable for incidental or consequental damages, includir ing out of or related to the performance of services hereunder by	deeme	d waiv ut limit	red unles ation, bu	ss made in isiness inte	writing a	ind rec s, loss	eived b	y Cardi or loss	inal w	rithin 30 days after ofits incurred by	er completion of t client, its subsidi	the appli	icable		372.33								
Relinquished B	Date	Re	cei	ved E	Зу:							Phone Re Fax Resu			Yes Yes		No No		Phon Fax #					
NAT	Time:	1		2	/	0	0					REMARK			163	<u> </u>	,10	Aud	ı ax #	•				
	Date: Date:	D.	ecel		ample Cool	ntact	1				ED BY:													
	/: (Circle One)	۹),	O D			ntact	1	1									3							

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



April 19, 2013

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: SAND DUNES #28 #1 SWD

Enclosed are the results of analyses for samples received by the laboratory on 04/15/13 8:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/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. Keene

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: 04/15/2013 Sampling Date: 04/04/2013

Reported: 04/19/2013 Sampling Type: Soil

Project Name: SAND DUNES #28 #1 SWD Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: NOT GIVEN

Sample ID: SP 1 @ 1' (H300894-01)

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	04/18/2013	ND	2.04	102	2.00	7.37	
Toluene*	<0.050	0.050	04/18/2013	ND	2.01	100	2.00	7.72	
Ethylbenzene*	<0.050	0.050	04/18/2013	ND	2.01	101	2.00	7.77	
Total Xylenes*	<0.150	0.150	04/18/2013	ND	5.94	99.0	6.00	7.35	
Total BTEX	<0.300	0.300	04/18/2013	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 89.4-12	6						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1970	16.0	04/16/2013	ND	432	108	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	04/17/2013	ND	214	107	200	1.59	
DRO >C10-C28	<10.0	10.0	04/17/2013	ND	231	116	200	8.38	
Surrogate: 1-Chlorooctane	88.8	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	107 9	% 63.6-15	4						

Sample ID: SP 1 @ 3' (H300894-02)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/16/2013	ND	432	108	400	0.00	

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: 04/15/2013 Sampling Date: 04/04/2013

Reported: 04/19/2013 Sampling Type: Soil

Project Name: SAND DUNES #28 #1 SWD Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: NOT GIVEN

128

16.0

Sample ID: SP 2 @ 1' (H300894-03)

Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1630	16.0	04/16/2013	ND	432	108	400	0.00	
Sample ID: SP 2 @ 3' (H3	00894-04)								
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

ND

432

108

400

0.00

Sample ID: SP 3 @ 1' (H300894-05)

Chloride

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	04/16/2013	ND	432	108	400	0.00	

04/16/2013

Sample ID: SP 3 @ 3' (H300894-06)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4400	16.0	04/16/2013	ND	432	108	400	0.00	

Sample ID: SP 4 @ 1' (H300894-07)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	04/16/2013	ND	432	108	400	0.00	

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BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 04/15/2013 Sampling Date: 04/04/2013

Reported: 04/19/2013 Sampling Type: Soil

Project Name: SAND DUNES #28 #1 SWD Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: NOT GIVEN

Sample ID: SP 4 @ 2' (H300894-08)

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	04/18/2013	ND	2.04	102	2.00	7.37	
Toluene*	<0.050	0.050	04/18/2013	ND	2.01	100	2.00	7.72	
Ethylbenzene*	<0.050	0.050	04/18/2013	ND	2.01	101	2.00	7.77	
Total Xylenes*	<0.150	0.150	04/18/2013	ND	5.94	99.0	6.00	7.35	
Total BTEX	<0.300	0.300	04/18/2013	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 89.4-12	6						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/16/2013	ND	432	108	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	04/17/2013	ND	214	107	200	1.59	
DRO >C10-C28	<10.0	10.0	04/17/2013	ND	231	116	200	8.38	
Surrogate: 1-Chlorooctane	88.8	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	103 9	% 63.6-15	4						

Sample ID: SP 5 @ 1' (H300894-09)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	04/16/2013	ND	432	108	400	0.00	

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BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 04/15/2013 Sampling Date: 04/04/2013

Reported: 04/19/2013 Sampling Type: Soil

Project Name: SAND DUNES #28 #1 SWD Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: NOT GIVEN

Sample ID: SP 5 @ 2' (H300894-10)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/16/2013	ND	432	108	400	0.00	
Sample ID: SP 6 @ 1' (H3	00894-11)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	04/16/2013	ND	432	108	400	0.00	

Sample ID: SP 6 @ 2' (H300894-12)

Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8720	16.0	04/16/2013	ND	432	108	400	0.00	

Sample ID: SP 7 @ 6' (H300894-13)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1010	16.0	04/16/2013	ND	432	108	400	0.00	

Sample ID: SP 8 @ 6' (H300894-14)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1100	16.0	04/16/2013	ND	432	108	400	0.00	

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BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 04/15/2013 Sampling Date: 04/08/2013

Reported: 04/19/2013 Sampling Type: Soil

Project Name: SAND DUNES #28 #1 SWD Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: NOT GIVEN

Sample ID: SP 9 @ 6' (H300894-15)

Chloride, SM4500Cl-B mg/kg Analyzed By: DW

Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier

Chloride 10600 16.0 04/16/2013 ND 432 108 400 0.00

Sample ID: SP 10 @ 6' (H300894-16)

Chloride, SM4500Cl-B Analyzed By: DW Result Reporting Limit Analyzed BS True Value QC RPD Qualifier Analyte Method Blank % Recovery Chloride 8960 16.0 04/16/2013 432 400 0.00 ND 108

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Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

Cardinal Laboratories *=Accredited Analyte

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

	(===)					Í
Company Name:	BBC International, Inc.	· Apply	BILLTO		ANALYSIS REQUEST	
Project Manager	Project Manager: Cliff Brunson	and the state of t	P.O. #:			
Address: P.O.	P.O. Box 805		Company:			:
city: Hobbs	State: NM	Zip: 88241	Attn:			
Phone #: 575-397-6388	Fax #:	575-397-0397	Address:			
Project #:	Project Owner: Oxy	ner: Oxy	City:			
ame:	Sand Dunes 28 Federal #1 SWD		State: Zip:			
Project Location:	Eddy County, NM		Phone #:			
Sampler Name:	Roger Hernandez		Fax #:			
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING	4		
		3				
Lab I.D.	Sample I.D.	3 OR (C TAINER NDWAT EWATE	BASE: OOL	(TE)	<u>P+1</u>	
#28026.H		# CON GROL	OTHE ACID/ ICE / C OTHE DATE TIME	CB		
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3	SP2 @ 1'	<u>ि</u> -	4/4/13 10:57AM	< ·		
h	SP2 @ 3'	6-	4/4/13 11:48 AM	< <		
5	SP3 @ 1'	€ - -	4/4/13 12:52 PM	∠		
2,	SP3 @ 3'	<u>ि</u> -	4/4/13 1:27 PM	<u> </u>	-	
	SP4 @ 1'	<u> </u>	4/4/13 2:04 PM	^ <		
B	SP4 @ 2'	<u>○</u>	4/4/13 2:31 PM	√ ✓	✓	
_	SP5 @ 1'	<u> </u>	4/4/13 3:08 PM			
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PLEASE NOTE: Liability an analyses. All claims includin service. In no event shall Ca	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim airsing 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 whatesover shall be deemed wheet unless made in writing and rearested by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for include all or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries,	for any claim arising whether based in contract be deemed waived unless made in writing an unless made in writing an unless interruptions,	t or tort, shall be limited to the amount paid by the client d received by Cardinal within 30 days after completion of loss of use, or loss of profits incurred by client, its substances to the control of the control	t for the of the applicable idiaries,		,
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† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

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Sample Condition
Cool Intact

Yes
No No

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

Time:

Relinquished By:

Phone Result: Fax Result: REMARKS:

Page 8 of 9



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Sampler - UPS - Bus - Other:

Delivered By: (Circle One)

Relinquished By:

Date: Time:



August 11, 2013

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: SAND DUNES 28-1

Enclosed are the results of analyses for samples received by the laboratory on 08/07/13 11:55.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/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. Keens

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: 08/07/2013 Sampling Date: 07/30/2013

Reported: 08/11/2013 Sampling Type: Soil

Project Name: SAND DUNES 28-1 Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: EDDY COUNTY, NM

Sample ID: SP 1 @ 1' (H301840-01)

BTEX 8260B	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	08/09/2013	ND	2.28	114	2.00	1.60	
Toluene*	<0.050	0.050	08/09/2013	ND	2.19	110	2.00	2.07	
Ethylbenzene*	<0.050	0.050	08/09/2013	ND	2.12	106	2.00	1.60	
Total Xylenes*	<0.150	0.150	08/09/2013	ND	6.32	105	6.00	3.00	
Total BTEX	<0.300	0.300	08/09/2013	ND					
Surrogate: Dibromofluoromethane	96.8	% 61.3-14	2						
Surrogate: Toluene-d8	101	% 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	106	% 65.7-14	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	5480	16.0	08/09/2013	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	08/09/2013	ND	191	95.5	200	0.596	
DRO >C10-C28	<10.0	10.0	08/09/2013	ND	204	102	200	0.0598	
Surrogate: 1-Chlorooctane	104	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	130	% 63.6-15	4						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 08/07/2013 Sampling Date: 07/30/2013

Reported: 08/11/2013 Sampling Type: Soil

Project Name: SAND DUNES 28-1 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: EDDY COUNTY, NM

Sample ID: SP 1 @ 3' (H301840-02)

Chloride, SM4500CI-B mg/kg Analyzed By: AP

Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier

Chloride 8240 16.0 08/09/2013 ND 416 104 400 0.00

Sample ID: SP 1 @ 5' (H301840-03)

Chloride, SM4500Cl-B mg/kg Analyzed By: AP Reporting Limit Analyzed Method Blank BS True Value QC RPD Qualifier Analyte Result % Recovery Chloride 16.0 08/09/2013 416 104 400 0.00 112 ND

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BBC International, Inc. Cliff Brunson P.O. Box 805

Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 08/07/2013 Sampling Date: 07/30/2013

Reported: 08/11/2013 Sampling Type: Soil

Project Name: SAND DUNES 28-1 Sampling Condition: Cool & Intact Project Number: Sample Received By: NONE GIVEN Jodi Henson

Project Location: EDDY COUNTY, NM

Sample ID: SP 2 @ 1' (H301840-04)

BTEX 8260B	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	08/09/2013	ND	2.28	114	2.00	1.60	
Toluene*	<0.050	0.050	08/09/2013	ND	2.19	110	2.00	2.07	
Ethylbenzene*	<0.050	0.050	08/09/2013	ND	2.12	106	2.00	1.60	
Total Xylenes*	<0.150	0.150	08/09/2013	ND	6.32	105	6.00	3.00	
Total BTEX	<0.300	0.300	08/09/2013	ND					
Surrogate: Dibromofluoromethane	99.5	% 61.3-14	2						
Surrogate: Toluene-d8	102	% 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	104	% 65.7-14	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	1280	16.0	08/09/2013	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	08/09/2013	ND	191	95.5	200	0.596	
DRO >C10-C28	<10.0	10.0	08/09/2013	ND	204	102	200	0.0598	
Surrogate: 1-Chlorooctane	104	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	129	% 63.6-15	4						

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

Fax To: (575) 397-0397

Received: 08/07/2013 Sampling Date: 07/30/2013

Reported: 08/11/2013 Sampling Type: Soil

Project Name: SAND DUNES 28-1 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: EDDY COUNTY, NM

Sample ID: SP 2 @ 3' (H301840-05)

Chloride, SM4500Cl-B mg/kg Analyzed By: AP Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 4800 08/09/2013 ND 400 100 400 3.92 16.0

Sample ID: SP 2 @ 4' (H301840-06)

Chloride, SM4500Cl-B mg/kg Analyzed By: AP Reporting Limit Analyzed Method Blank BS True Value QC RPD Qualifier Analyte Result % Recovery Chloride 256 16.0 08/09/2013 400 100 400 3.92 ND

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Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 08/07/2013 Sampling Date: 07/30/2013

Reported: 08/11/2013 Sampling Type: Soil

Project Name: SAND DUNES 28-1 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Jodi Henson

Project Location: EDDY COUNTY, NM

Sample ID: SP 3 @ 1' (H301840-07)

BTEX 8260B	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	08/09/2013	ND	2.28	114	2.00	1.60	
Toluene*	<0.050	0.050	08/09/2013	ND	2.19	110	2.00	2.07	
Ethylbenzene*	<0.050	0.050	08/09/2013	ND	2.12	106	2.00	1.60	
Total Xylenes*	<0.150	0.150	08/09/2013	ND	6.32	105	6.00	3.00	
Total BTEX	<0.300	0.300	08/09/2013	ND					
Surrogate: Dibromofluoromethane	97.3	% 61.3-14	2						
Surrogate: Toluene-d8	100	% 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	106	% 65.7-14	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	7200	16.0	08/09/2013	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	<10.0	10.0	08/09/2013	ND	191	95.5	200	0.596	
DRO >C10-C28	581	10.0	08/09/2013	ND	204	102	200	0.0598	
Surrogate: 1-Chlorooctane	107	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	142	% 63.6-15	4						

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

Fax To: (575) 397-0397

Received: 08/07/2013 Sampling Date: 07/31/2013

Reported: 08/11/2013 Sampling Type: Soil

Project Name: SAND DUNES 28-1 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: EDDY COUNTY, NM

Sample ID: SP 3 @ 3' (H301840-08)

Chloride, SM4500CI-B mg/kg Analyzed By: AP

Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier

Chloride 3680 16.0 08/09/2013 ND 400 100 400 3.92

Sample ID: SP 3 @ 5' (H301840-09)

Chloride, SM4500Cl-B Analyzed By: AP mg/kg Reporting Limit Analyzed Method Blank BS True Value QC RPD Qualifier Analyte Result % Recovery Chloride 2560 16.0 08/09/2013 400 400 3.92 ND 100

Sample ID: SP 3 @ 8' (H301840-10)

Chloride, SM4500Cl-B mg/kg Analyzed By: AP Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 288 08/09/2013 ND 400 400 3.92 16.0 100

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BBC International, Inc. Cliff Brunson P.O. Box 805

Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 08/07/2013 Sampling Date: 07/31/2013

Reported: 08/11/2013 Sampling Type: Soil

EDDY COUNTY, NM

Project Name: SAND DUNES 28-1 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Sample ID: SP 4 @ 1' (H301840-11)

Project Location:

BTEX 8260B	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	08/09/2013	ND	2.28	114	2.00	1.60	
Toluene*	<0.050	0.050	08/09/2013	ND	2.19	110	2.00	2.07	
Ethylbenzene*	<0.050	0.050	08/09/2013	ND	2.12	106	2.00	1.60	
Total Xylenes*	<0.150	0.150	08/09/2013	ND	6.32	105	6.00	3.00	
Total BTEX	<0.300	0.300	08/09/2013	ND					
Surrogate: Dibromofluoromethane	96.9	% 61.3-14	22						
Surrogate: Toluene-d8	101	% 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	105	% 65.7-14	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	5440	16.0	08/09/2013	ND	400	100	400	3.92	
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	08/09/2013	ND	191	95.5	200	0.596	
DRO >C10-C28	<10.0	10.0	08/09/2013	ND	204	102	200	0.0598	
Surrogate: 1-Chlorooctane	109	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	131	% 63.6-15	14						

Surrogate: 1-Chlorooctadecane 131 % 63.6-154

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

Fax To: (575) 397-0397

Received: 08/07/2013 Sampling Date: 07/31/2013

Reported: 08/11/2013 Sampling Type: Soil

Project Name: SAND DUNES 28-1 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: EDDY COUNTY, NM

Sample ID: SP 4 @ 3' (H301840-12)

Chloride, SM4500Cl-B mg/kg Analyzed By: AP Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 928 16.0 08/09/2013 ND 400 100 400 3.92

Sample ID: SP 4 @ 4 (H301840-13)

Chloride, SM4500Cl-B Analyzed By: AP mg/kg Reporting Limit Analyzed Method Blank BS True Value QC RPD Qualifier Analyte Result % Recovery Chloride 144 16.0 08/09/2013 400 100 400 3.92 ND

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Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 08/07/2013 Sampling Date: 07/31/2013

Reported: 08/11/2013 Sampling Type: Soil

Project Name: SAND DUNES 28-1 Sampling Condition: Cool & Intact Project Number: Sample Received By: NONE GIVEN Jodi Henson

Project Location: EDDY COUNTY, NM

Sample ID: SP 5 @ 1' (H301840-14)

BTEX 8260B	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	08/09/2013	ND	2.28	114	2.00	1.60	
Toluene*	<0.050	0.050	08/09/2013	ND	2.19	110	2.00	2.07	
Ethylbenzene*	<0.050	0.050	08/09/2013	ND	2.12	106	2.00	1.60	
Total Xylenes*	<0.150	0.150	08/09/2013	ND	6.32	105	6.00	3.00	
Total BTEX	<0.300	0.300	08/09/2013	ND					
Surrogate: Dibromofluoromethane	97.2	% 61.3-14	2						
Surrogate: Toluene-d8	101	% 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	105	% 65.7-14	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	6640	16.0	08/09/2013	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	<10.0	10.0	08/09/2013	ND	191	95.5	200	0.596	
DRO >C10-C28	41.1	10.0	08/09/2013	ND	204	102	200	0.0598	
Surrogate: 1-Chlorooctane	103	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	126	% 63.6-15	4						

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BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 08/07/2013 Sampling Date: 07/31/2013

Reported: 08/11/2013 Sampling Type: Soil

Project Name: SAND DUNES 28-1 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: EDDY COUNTY, NM

Sample ID: SP 5 @ 3' (H301840-15)

Chloride, SM4500Cl-B mg/kg Analyzed By: AP Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 560 08/09/2013 ND 400 400 3.92 16.0 100

Sample ID: SP 5 @ 5' (H301840-16)

Chloride, SM4500Cl-B Analyzed By: AP mg/kg Reporting Limit Analyzed Method Blank BS True Value QC RPD Qualifier Analyte Result % Recovery Chloride 3920 16.0 08/09/2013 400 400 3.92 ND 100

Sample ID: SP 5 @ 9' (H301840-17)

Chloride, SM4500Cl-B mg/kg Analyzed By: AP Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 14200 08/09/2013 ND 400 400 3.92 16.0 100

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BBC International, Inc. Cliff Brunson P.O. Box 805

Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 08/07/2013 Sampling Date: 08/01/2013

Reported: 08/11/2013 Sampling Type: Soil

EDDY COUNTY, NM

Project Name: SAND DUNES 28-1 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Sample ID: SP 6 @ 1' (H301840-18)

Project Location:

BTEX 8260B	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	08/09/2013	ND	2.28	114	2.00	1.60	
Toluene*	<0.050	0.050	08/09/2013	ND	2.19	110	2.00	2.07	
Ethylbenzene*	<0.050	0.050	08/09/2013	ND	2.12	106	2.00	1.60	
Total Xylenes*	<0.150	0.150	08/09/2013	ND	6.32	105	6.00	3.00	
Total BTEX	<0.300	0.300	08/09/2013	ND					
Surrogate: Dibromofluoromethane	97.2	% 61.3-14	2						
Surrogate: Toluene-d8	100	% 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	104	% 65.7-14	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	9800	16.0	08/09/2013	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	<10.0	10.0	08/09/2013	ND	191	95.5	200	0.596	
DRO >C10-C28	<10.0	10.0	08/09/2013	ND	204	102	200	0.0598	
Surrogate: 1-Chlorooctane	111 5	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	135	% 63.6-15	4						

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BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 08/07/2013 Sampling Date: 08/01/2013

Reported: 08/11/2013 Sampling Type: Soil

Project Name: SAND DUNES 28-1 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: EDDY COUNTY, NM

Sample ID: SP 6 @ 3' (H301840-19)

Chloride, SM4500Cl-B mg/kg Analyzed By: AP

Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier

Chloride 9200 16.0 08/09/2013 ND 400 100 400 3.92

Sample ID: SP 6 @ 5' (H301840-20)

Chloride, SM4500Cl-B Analyzed By: AP mg/kg Reporting Limit Analyzed Method Blank BS True Value QC RPD Qualifier Analyte Result % Recovery Chloride 5460 16.0 08/09/2013 400 400 3.92 ND 100

Sample ID: SP 6 @ 7' (H301840-21)

Chloride, SM4500Cl-B mg/kg Analyzed By: AP Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 08/09/2013 ND 400 400 3.92 <16.0 16.0 100

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Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 08/07/2013 Sampling Date: 08/01/2013

Reported: 08/11/2013 Sampling Type: Soil

Project Name: SAND DUNES 28-1 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Jodi Henson

Project Location: EDDY COUNTY, NM

Sample ID: SP 7 @ 1' (H301840-22)

BTEX 8260B	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	08/09/2013	ND	2.28	114	2.00	1.60	
Toluene*	<0.050	0.050	08/09/2013	ND	2.19	110	2.00	2.07	
Ethylbenzene*	<0.050	0.050	08/09/2013	ND	2.12	106	2.00	1.60	
Total Xylenes*	<0.150	0.150	08/09/2013	ND	6.32	105	6.00	3.00	
Total BTEX	<0.300	0.300	08/09/2013	ND					
Surrogate: Dibromofluoromethane	97.0	% 61.3-14	2						
Surrogate: Toluene-d8	101	% 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	104	% 65.7-14	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	3120	16.0	08/09/2013	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	<10.0	10.0	08/09/2013	ND	191	95.5	200	0.596	
DRO >C10-C28	<10.0	10.0	08/09/2013	ND	204	102	200	0.0598	
Surrogate: 1-Chlorooctane	110	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	132	% 63.6-15	4						

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BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 08/07/2013 Sampling Date: 08/01/2013

Reported: 08/11/2013 Sampling Type: Soil

Project Name: SAND DUNES 28-1 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: EDDY COUNTY, NM

Sample ID: SP 7 @ 3' (H301840-23)

Chloride, SM4500Cl-B mg/kg Analyzed By: AP

Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier

Chloride 3680 16.0 08/09/2013 ND 400 100 400 3.92

Sample ID: SP 7 @ 4' (H301840-24)

Chloride, SM4500Cl-B Analyzed By: AP mg/kg Reporting Limit Analyzed BS True Value QC RPD Qualifier Analyte Result Method Blank % Recovery 16.0 08/09/2013 400 400 3.92 Chloride <16.0 ND 100

Sample ID: SP 8 @ 2' (H301840-25)

Chloride, SM4500Cl-B mg/kg Analyzed By: AP Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 1760 08/09/2013 ND 400 0.00 16.0 416 104

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Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240 (505) 393-2326 FAX (505) 393-2476		
Company Name: BBC International, Inc.	हार्र मुनाइ	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: Oxy	City:	
Project Name: Sand Dunes 28-1	State: Zip:	
Eddy County NIM		

Company Name:	BBC International, Inc.								8))				11	1	1	I≱I	ANALYSIS		REQUEST		11	11	1	Ш
Address: P.O.	Address: P.O. Box 805						Compa	Company:	۲. ·											<u> </u>				
city: Hobbs	State: NM		Zip:		88241		Attn:															-		
Phone #: 575-397-6388	Fax #:	575-397-0397	397-	039)7		Add	Address					-							,5	<u> </u>	·		
Project #:	Project Owner: Oxy	vner:	Š				City:					l :		,										
Project Name: S	Project Name: Sand Dunes 28-1		-			-	State:			Zip:						·								
Project Location:	1: Eddy County, NM						Pho	Phone #:	••			ł <u>.</u>												
Sampler Name:	Jeff Ornelas						Fax #:	*					-											
FOR LAB USE ONLY					MATRIX	Ĭ×	Ļ	PRESERV.	EV.	SAMPLING	ING	ليل												
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PLEASE NOTE: Liability as	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	dy for an	y claim	arising \	whether based in o	contract	or tort,	shall be	limited	to the amount p	aid by the client f	or the					,						-	

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

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Sample Condition
Cool Intact
Wes Il Yes
No No

Sampler - UPS - Bus - Other:

Delivered By: (Circle One)

Relipouished By:

Relinquished By

51/13

Phone Result: Fax Result: REMARKS:

□ Yes

Add'l Phone #: Add'l Fax #:

Received By:

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ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240 (505) 393-2326 FAX (505) 393-2476		
Company Name: BBC International, Inc.	<u> </u>	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: OXY	City:	
Project Name: Sand Dunes 28-1	State: Zip:	
Project Location: Eddy County, NM	Phone #:	
Sampler Name: Jeff Ornelas	Fax #:	

city: Hobbs	State	State: NM Zi	ᅙ	Zip: 88241		Attn:																	
Phone #: 575-397-6388		575	97-(0397		Address:	res	۶.														٠.	
Project #:	Proje	Project Owner: Oxy	×			City:	••																
Project Name: S	Project Name: Sand Dunes 28-1					State:	O		Zip:														
Project Location:	: Eddy County, NM					Phone #:	ne #	75															
Sampler Name:	Jeff Ornelas			-		Fax #:	#																
FOR LAB USE ONLY			_	MATRIX]^	_	ŘES	PRESERV.	/ SAMPLING	NG					····								
		CIÓMP		TER									<u></u>									-	
Lab I.D.	Sample I.D.	AB OR (NTAINE	UNDWA			/BASE: COOL				(-	PH	TEX			,							
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PLEASE NOTE: Liability an	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	e remedy for any cl	laim ari	ising whether based in co	ntract o	r tort,	shall be	e limite	d to the amount pair	by the client for	the						ŀ	ŀ	ŀ	ļ	ı	İ	Ĺ

analyses. All claims including those for negligence and any other cause whatsoever shall be deemed weived 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, affiliates or successons arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such daim is based upon any of the above stated reasons or otherwise. Sampler - UPS - Bus - Other: Delivered By: (Circle One) 81418° Time: DD pr Received By Phone Result:
Fax Result:
REMARKS:

□ No No

Add'l Phone #: Add'l Fax #:

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 18 of 19

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST 3

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

	(000) 000 =0=0 : 707 (000) 000 =								
Company Name:	BBC International, Inc.		94.77B			ANALYSIS	IS REQUEST		
Project Manager:	1		P.O. #:						
Address: P.O.	Box 805		Company:						-
City: Hobbs	State: NM	1 Zip: 88241	Attn:						
Phone #: 575-397-6388	Fax #:	Ģ	Address:						
Project #:	Project Owner: Oxy	ner: Oxy	City:						
Project Name: S	Project Name: Sand Dunes 28-1		State: Zip:						
Project Location:	ı; Eddy County, NM		#					-	-
Sampler Name:	Jeff Ornelas		Fax #:					-	
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING	ิ ด		· · · · · ·			
:		RS TER		į					
Lab I.D.	Sample I.D.	RAB OR (DNTAINE DUNDWA STEWATI DGE	IER : D/BASE: / COOL IER :	n(PH TEX				
H201840		# C GF W/ SO	OT AC ICE	TIME	В				
-	SP6 @ 7'	€ - ×	√ 8/1/13 1	11:58 AM					
72	SP7 @ 1'	-	8/1/13 1	1:20 PM 🗸	< <				
23	SP7 @ 3'	<u>-</u>	8/1/13 1	1:58 PM 🗸					
24	SP7 @ 4'	\ - -	8/1/13 2	2:19 PM 🗸					
25	SP8 @ 2'	-	8/1/13 3	3:16 PM 🖌					
	2000						!		
	01								
LEASE NOTE: Liability and	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	for any claim arising whether based in contra	act or tort, shall be limited to the amount paid b	y the client for the					
nalyses. All claims includin ervice. In no event shall Ca iffiliates or successors arisin	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 le liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss for list incurred by claim, its subsidiaries, stiffliates or successors arising out of or related to the performance of services thereigned the control of the performance of services hereigned to the services hereigned to the services hereigned to the services hereigned to the services hereigned to the services hereigned to th	shall be deemed waived unless made in writing and received by (including without limitation, business interruptions, loss of use, or nder by Cardinal, reparalless of whether such claim is based upon	and received by Cardinal within 30 days after completion of the s, loss of use, or loss of profits incurred by client, its subsidiarion is based troop and of the shows stated received to the contract of the shows stated received to the source of the source stated received to the source of the so	ompletion of the applicable nt, its subsidiaries,					
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Delivered By: (Circle One)	(Circle One)	Sample Condition	ition CHECKEDIBY:						
Sampler - UPS -	Bus - Other:	5, 20 No. 12 No.	Yes 2						
									L



July 10, 2014

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: SAND DUNES #28 #1 SWD

Enclosed are the results of analyses for samples received by the laboratory on 07/08/14 8:23.

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. Keene

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: 07/08/2014 Sampling Date: 07/02/2014

Reported: 07/10/2014 Sampling Type: Soil

Project Name: SAND DUNES #28 #1 SWD Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: PURE GOLD RD

Sample ID: SB 1 @ 21' (H402059-01)

Chloride, SM4500Cl-B mg/kg Analyzed By: AP Reporting Limit Analyzed Method Blank BS % Recovery True Value OC RPD Oualifier Analyte Result 160 400 Chloride 16.0 07/10/2014 ND 100 400 3.92

Sample ID: SB 1 @ 24' (H402059-02)

Chloride, SM4500Cl-B Analyzed By: AP Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 224 16.0 07/10/2014 ND 400 100 400 3.92

Sample ID: SB 1 @ 26' (H402059-03)

Chloride, SM4500Cl-B Analyzed By: AP mg/kg Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 240 16.0 07/10/2014 ND 400 3.92 400 100

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 relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

Cardinal Laboratories *=Accredited Analyte

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

-1			2
company warne: BBC International, Inc.		B/LL 70	ANALYSIS REDIFEST
Project Manager: Cliff Brunson		P.O. #:	- CIC
Address: P.O. Box 805		Company: OXV	
City: Hobbs State: NM	Zip: 88241	Afth:	
Phone #: 575-397-6388 Fax #: 57	397-0397	Address:	
Project #: Project Owner:	OXY	City	
Project Name: Soud Junes 28		State: Zip:	
Project Location: Tupe Gold Rd		#	
Sampler Name: Will Short		Fax #:	
FOR LAB USE ONLY.	MATRIX	PRESERV. SAMPLING	
Lab I.D. Sample I.D.	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:	ACID/BASE: ICE / COOL OTHER: DATE	
1 (26) 00 -	-	N/5/6 1	
7 50 000	6 - 1	V 7/4/4 1014 V,	
2 SD[W74.	6 - 1	1 Scol Miles 1	

PLASS NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or bot, 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 lable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, Date: Received By: rdinal, recardless of whether such claim is based upon any of the above stated Received By: Fax Result: REMARKS: Phone Result: □ Yes N S

Relinquished By: Sampler - UPS - Bus - Other: Relinquished By: Delivered By: (Circle One) Time: Yes Yes Sample Condition

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-247



July 24, 2015

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: SAND DUNES 28 FED #1 SWD BATTERY (10/06/14 LEAK)

Enclosed are the results of analyses for samples received by the laboratory on 07/17/15 11:20.

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.

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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: 07/17/2015 Sampling Date: 07/15/2015

Reported: 07/24/2015 Sampling Type: Soil

Project Name: SAND DUNES 28 FED #1 SWD BATTERY Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Judy Garcia

Project Location: EDDY COUNTY ,NM

Sample ID: SP1 @ SURFACE (H501848-01)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	26800	16.0	07/22/2015	ND	416	104	400	0.00	
Sample ID: SP1 @ 1' (H5	01848-02)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1140	16.0	07/22/2015	ND	416	104	400	0.00	
Sample ID: SP1 @ 2' (H5	01848-03)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	07/22/2015	ND	416	104	400	0.00	
Sample ID: SP2 @ SURFA	ACE (H501848-	·04)							
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/22/2015	ND	416	104	400	0.00	

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BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 07/17/2015 Sampling Date: 07/15/2015

Reported: 07/24/2015 Sampling Type: Soil

Project Name: SAND DUNES 28 FED #1 SWD BATTERY Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Judy Garcia

Project Location: EDDY COUNTY ,NM

Sample ID: SP3 @ SURFACE (H501848-05)

Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	22000	16.0	07/22/2015	ND	432	108	400	0.00	

Sample ID: SP3 @ 1' (H501848-06)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2200	16.0	07/22/2015	ND	432	108	400	0.00		

Sample ID: SP3 @ 2' (H501848-07)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1640	16.0	07/22/2015	ND	432	108	400	0.00	

Sample ID: SP3 @ 3' (H501848-08)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1260	16.0	07/22/2015	ND	432	108	400	0.00	

Sample ID: SP3 @ 4' (H501848-09)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1070	16.0	07/22/2015	ND	432	108	400	0.00	

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BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 07/17/2015 Sampling Date: 07/15/2015

Reported: 07/24/2015 Sampling Type: Soil

Project Name: SAND DUNES 28 FED #1 SWD BATTERY Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Judy Garcia

Project Location: EDDY COUNTY ,NM

Sample ID: SP3 @ 5' (H501848-10)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	07/22/2015	ND	432	108	400	0.00	

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Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

Cardinal Laboratories *=Accredited Analyte

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ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240 (505) 393-2326 FAX (505) 393-2476 ame: RRC International Laboratory

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

The finding	E. BBC International, Inc.		25 THE	2)				
Project Manager:	ar: Cliff Brunson		P.O. #:			ANALYSIS	REQUEST	
Address: P.O. Box 805	. Box 805		Company		_			
city: Hobbs	State: NM	Zip: 88241	Attn:					
Phone #: 575-397-6388	Fax #:	0397	Address:					
Project #:	Project Owner: Oxy		City:					
Project Name:	Project Name: Sand Dunes 28 Fed #1 SWD Battery (10/06/14 leak)							
Project Location:	n: Eddy County, NM		Dhan #					
Sampler Name			Phone #:					
FOR LAB USE ONLY	Jeir Ornelas		Fax #:					
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING	LING				
Lab I.D.	Sample I.D.		SE: OL					
H501848		# CONT GROUN WASTE SOIL OIL SLUDGI	OTHER ACID/BA ICE / CC OTHER DATE	TIME CI	<u> </u>		partition.	
5.	SP1 @ 1'	\ \	7/15/15	12:50 PM 🗸			+	
i,	SP1 @ 2'	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	7/15/15	1:11 PM				
7	SP3 @ SI IBEACE	'0	7/15/15	1:20 PM				
r	SP3 @ SUBFACE		7/15/15	1:46 PM				
6	SP3 @ 1'	7	7/15/15	2:15 PM 🗸				
7	SP3 @ 2'	70	7/15/15	_				
8	SP3 @ 3'	6	7/15/15	+				
2	SP3 @ 4'	6 -	7/15/15	2.50 FM				
10	SP3 @ 5'	€ - -	7/15/15	3-09 PM				
analyses. All claims including service. In no event shall Car	T-C-S-C MUTE: Libbility and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or fort, shall be limited to the amount paid by the client for the service. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 3h days after complete.	y claim arising whether based in contract or to eemed waived unless made in writing and rec	ort, shall be limited to the amount pa	aid by the client for the				
service. In no event shall Care affiliates or successors arising Relinquished By:	service. In no event shall Cardinal be liable for incidental of consequential damages, including without be wared unless made in writing and received by Cardinal within 30 days after completion of the all fillates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Received Ry.	nages, including without limitation, business interruptions, loss of use, or loss of profits incurred thereunder by Cardinal within 30 days, interruptions, loss of use, or loss of profits incurred thereunder by Cardinal, regardless of whether such claim is based upon any of the above stated Received Rev.	eived by Cardinal within 30 days after of use, or loss of profits incurred by used upon any of the above stated re	er completion of the applic client, its subsidiaries, assons or otherwise.	zable			
199	1	Neceived By:		Phone Result: Fax Result:	□ Yes □			
Relinquished By:	Pate: Pate:	May 5	GINCIA	REMARKS:	[Audirax#:		
				•				

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

CHECKED BY:

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



July 24, 2015

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: SAND DUNES 28 FED #1 SWD BATTERY (10/23/14 LEAK)

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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.

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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: 07/17/2015 Sampling Date: 07/15/2015

Reported: 07/24/2015 Sampling Type: Soil

Project Name: SAND DUNES 28 FED #1 SWD BATTERY Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Judy Garcia

Project Location: EDDY COUNTY, NM

Sample ID: SP1 @ SURFACE (H501849-01)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6960	16.0	07/22/2015	ND	432	108	400	0.00	
Sample ID: SP1 @ 1' (H5	01849-02)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	752	16.0	07/22/2015	ND	432	108	400	0.00	
Sample ID: SP1 @ 2' (H5	01849-03)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	07/22/2015	ND	432	108	400	0.00	
Sample ID: SP2 @ SURFA	ACE (H501849-	-04)							
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3000	16.0	07/22/2015	ND	432	108	400	0.00	

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: 07/17/2015 Sampling Date: 07/15/2015

Reported: 07/24/2015 Sampling Type: Soil

Project Name: SAND DUNES 28 FED #1 SWD BATTERY Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Judy Garcia

Project Location: EDDY COUNTY, NM

Sample ID: SP2 @ 1' (H501849-05)

Chloride, SM4500Cl-B mg/kg Analyzed By: AP Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 432 16.0 07/22/2015 ND 432 108 400 0.00

Sample ID: SP2 @ 2' (H501849-06)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	07/22/2015	ND	432	108	400	0.00	

Cardinal Laboratories *=Accredited Analyte

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Celeg D. Keene



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*** Insufficient time to reach temperature.

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

company Name: BBC International, Inc.	
Project Manager: Cliff Brunson	ANALYSIS REQUEST
Address: P.O. Box 805	,
City: Hobbs State: NM Zin: 88241	Company:
5-397-	Address:
ô	Oit
Project Name: Sand Dunes 28 Fed #1 SWD Battery (10/23/14 leak)	
Project Location: Eddy County, NM	ciate. Zip:
	Phone #:
FOR LARIES COMY	Fax#:
MATRIX	PRESERV SAMPLING
S ER	
AINER DWAT VATER	
TSO 849 GONTA ROUNI PASTEV L LUDGE	CID/BA:
# # V S C	A IC O DAIE
SP1@1"	
SP1@2'	3:38 AM
JRFACE	✓ //15/15 10:10 AM ✓
	7/15/15 10:30 AM 🗸
	✓ 7/15/15 10:41 AM ✓
	✓ 7/15/15 11:07 AM ✓
2 18112	
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim acidin whether has a	
arialyses, At 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 affiliates or successors arising out of or related to the performance of services hereunder by Cardinal within 30 days after completion of the applicable affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is beased use, or loss of profits incurred by client, its subsidiaries,	row, shall be limited to the amount paid by the client for the received by Cardinal within 30 days after completion of the applicable so of use, or loss of profits incurred by client, its subsidiaries, has a function of the profits incurred by client, its subsidiaries,
Date: Received By:	Phone Result: Yes No
Relinquished By: Date: 1/1 Received By:	□ Yes □
Time: // 20	
Delivered By: (Circle One)	CHECKED RY.
Sampler - UPS - Bus - Other:	\
F	

Page 5 of 5

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

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District IV
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State of New Mexico Energy Minerals and Natural Resources

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

Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

Form C-141

Revised October 10, 2003

Release Notification and Corrective Action

				OPERATOR Initial Report						Final Rep	or		
Name of Co	ompany	Oxy Permia	n Ltd.			Contact CJ Summers							
Address	1017 W. S	tanolind Rd,	Hobbs, l	NM		Telephone l							
Facility Na:	me Sand	Dunes 28 Fe	ederal #1	SWD		Facility Type Salt Water Disposal							
Surface Ow	ner BL	M	·	Mineral O	wner				Lease 1	No. API#30	-015	-26194	
				LOCA	TIO	N OF RE	LEASE						
Unit Letter	Section	Township	Range	Feet from the		/South Line	Feet from the	East/W	Vest Line	County			
						South	1980'		7	Eddy			
J													
LatitudeLongitude													
	Type of Release Oil and Produced water Volume of Release 2 bbls oil / Volume Recovered 2 bbls oil /												
Type of Rele	ase Oilar	nd Produced w	ater			Volume of 370 bbls w		011/	340 bbls		2 00	IS 011 /	
		k overflow du	e to pump	failure from short	in	1	lour of Occurrence	æ	Date and	Hour of Dis	cover	у	
was Immedi						If YES, To	2 @ 8:00 am						_
was immedi	ate Notice (Jiven:	Yes [] No ☐ Not Re	quired		os- BLM, Mike B	ratcher-	OCD				
By Whom?	Chancey	Summers				Date and H	Iour 9/10/2012	@ 9:55	am				
Was a Water							lume Impacting t						
7745	004100 2.10		Yes 🔀	No			1 0						
If a Watercon	If a Watercourse was Impacted, Describe Fully.*												
		•	-										
	_											_	
Describe Car	ise of Probl	em and Reme	dial Actio	n Taken.*									
A weather sto	orm caused	the alarm to s	hort out a	nd the pump to fail	which	made the tan	k overflow. 2 bbl	s of oil a	and 370 bb	ols of water I	eaked	onto the	
ground. 2 bb	ols of oil and	d 340 bbls of v	vater were	recovered via vac	cuum ti	uck.							
	1.00 . 1	1.01	v	•								<u> </u>	
Describe Are	a Affected	and Cleanup A	Action 1 as	ten.≁									
				100' x 100' and i	n the p	asture approx	imately 3' x 200'.	Remed	iation will	be performe	ed in a	accordance	
with an OCD	and BLM	approved reme	ediation pl	lan.									
I hereby certi	fy that the i	information gi	ven above	is true and compl	ete to t	he best of my	knowledge and u	nderstan	d that purs	suant to NM	OCD	rules and	
regulations a	ll operators	are required to	o report ar	id/or file certain re	lease r	otifications ar	nd perform correc	tive action	ons for rela	eases which	may e	endanger	
public health	or the envi	ronment. The	acceptance	ce of a C-141 repor	rt by th	e NMOCD m	arked as "Final Ro	eport" de	oes not reli	ieve the oper	ator (of liability	
should their o	perations h	ave tailed to a	idequately	investigate and restance of a C-141 r	mediai	e contaminati loes not reliev	on that pose a three	eat to gre resnonsil	bility for c	r, surface wa ompliance w	ith ar	uman neam v other	
		ws and/or regu		\	Сроис	1003 1101 10110 1	e are operator or i	Сороног	Jiney 201 0	ompilative v			
	OIL CONSERVATION DIVISION												
G:			<u>`</u>	\rightarrow									
Signature:													
Printed Name	Printed Name: Chancey Summers Approved by District Supervisor:												
Title: Sr. H	IES Special	Approval Dat	e:	E	expiration	Date:							
E-mail Addre	-	cey Summers	anay cor	n		Conditions of	Approval:						
D-man Addit	Ciidii	Attached											
Date: * Attach Addit	fignal Char	oto If Masses		(575)397-8216						ļ		 .	
· Auacu Audi	nonai onec	へい エエ エメムハムとろ	arr A										

District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

Name of Company

Address

State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Revised October 10, 2003

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Form C-141

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with Rule 116 on back
side of form

Attached

Release Notification and Corrective Action OPERATOR Initial Report Final Report Ompany Oxy Permian Ltd. Contact CJ Summers 1017 W. Stanolind Rd, Hobbs, NM Telephone No. (575) 397-8216 The Sand Dunes 28 Federal #1 SWD Facility Type Salt Water Disposal

Facility Name Surface Owner **BLM** Mineral Owner Lease No. API#30-015-26194 LOCATION OF RELEASE Unit Letter Section Feet from the Township North/South Line Range Feet from the East/West Line County 28 23S 31E 1980' South 1980' East Eddy Latitude 32.27385° Longitude 103.78036^a NATURE OF RELEASE Type of Release Produced water Volume of Release 50 bbls Volume Recovered 0 bbls Source of Release Leak on West Triplex pump Date and Hour of Occurrence Date and Hour of Discovery 10/01/2012 @ 8:00 am Was Immediate Notice Given? If YES, To Whom? Yes No Not Required James Amos-BLM, Mike Bratcher- OCD By Whom? Chancey Summers Date and Hour 10/22/2012 @ 10:55 am Was a Watercourse Reached? If YES, Volume Impacting the Watercourse. ☐ Yes ☐ No If a Watercourse was Impacted, Describe Fully.* Describe Cause of Problem and Remedial Action Taken.* A leak on the west triplex pump caused 50 bbls of water to leak onto the ground. 0 bbls were recovered. The pump was repaired. Describe Area Affected and Cleanup Action Taken.* The area affected was approximately 3' x 200'. Remediation will be performed in accordance with an OCD and BLM approved remediation plan. I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations, **OIL CONSERVATION DIVISION** Signature: Approved by District Supervisor: Printed Name: Chancey Summers Title: Sr. HES Specialist Approval Date: Expiration Date:

Conditions of Approval:

Date: 10-25-12

E-mail Address: Chancey_Summers@oxy.com

Phone: (575)397-8216

^{*} Attach Additional Sheets If Necessary

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> District III

1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

* Attach Additional Sheets If Necessary

State of New Mexico Energy Minerals and Natural Resources

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

Revised October 10, 2003

Form C-141

Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

Release Notification and Corrective Action

						OPERA	ГOR						
Name of Co	mpany	Oxy Permian	ı Ltd.			Contact C	CJ Summers					1	
Address	1017 W. S	tanolind Rd,	Hobbs, 1	NM		Telephone No. (575) 397-8216							
Facility Nar	ne Sand	Dunes 28 Fe	deral #1	SWD		Facility Typ	e SWD						
Surface Ow	ner BLM			Mineral O	wner				Lease N	No. NM 40	659		
LOCATION OF RELEASE													
Unit Letter	Section	Township	Range	Feet from the		South Line	Feet from the	East/W	est Line	County			
J	28	23S	31E					300		Eddy			
Latitude <u>N 32.27641°</u> Longitude <u>W 103.78047°</u>													
NATURE OF RELEASE													
Type of Relea	ase Produ	iced water		11111	CILL	Volume of		bls	Volume R	Recovered	590 b	bls	
		overflow due	to broker	triplex pump		Date and H	lour of Occurrenc	e		Hour of Dis			
						03/24/2013							
Was Immedia	ite Notice C		Vac 🗆	No Not Re	animad	If YES, To		DI	MandM	lles Dustalesuus	OCD		
			i es	NO LI NOTRE	quirea	Jenniter va	n Curen, James A	Amos-BL	Jivi and ivii	ke Bratcher	·OCD		
By Whom?	Chancey S					Date and Hour 03/25/2013 @ 9:08 am							
Was a Watero	course Reac	A CONTRACTOR OF THE PARTY OF TH	v 52			If YES, Volume Impacting the Watercourse.							
			Yes 🛛	No									
If a Watercou	rse was Imp	pacted, Descri	be Fully.*			•							
Describe Caus	se of Proble	em and Remed	ial Actior	Taken.*									
A broken trin	lev numn co	nused a tank to	overflou	spilling 650 bbls	of proc	lugad water ar	ato the ground 5	00 bbla a	f mus divas	d			
vacuum truck				spinnig 050 oois	or proc	iuced water of	nto the ground.	90 bbis c	or produced	u water were	: recov	ered via	
Describe Area	Affected a	ind Cleanup A	ction Tak	en.*									
A broken tripl	ev numn co	nuced a tank to	overflow	spilling 650 bbls	of prod	wand water or	statha around 50	00 bbls s	f muaduaa	d matam man		oned sile	
vacuum truck	and the pur	np was repaire	ed. Reme	ediation will be pe	rforme	d in accordance	ce with an approve	ed plan f	rom the N	MOCD and	the BL	M.	
I hereby certif	y that the ir	nformation giv	en above	is true and comple	ete to th	ne best of my l	knowledge and ur	nderstand	that pursi	uant to NMC	CD ru	les and	
				d/or file certain re e of a C-141 repor									
should their or	perations ha	ave failed to a	dequately	investigate and re	mediate	contamination	on that pose a thre	eat to gro	und water.	surface wat	er. hur	naonny nan health	ո
or the environ	ment. In ac	ldition, NMO	CD accept	ance of a C-141 re	eport do	oes not relieve	the operator of re	esponsib	ility for co	mpliance w	ith any	other	
federal, state,	or local law	s and/or regul	ations.										
						OIL CONSERVATION DIVISION							
Signature:	-	\rightarrow	1										
		-			Approved by District Supervisor:								
Printed Name:	Chancey	y Summers		-	repriored by District Supervisor.								
Title: HES	Specialist				Approval Date: Expiration Date:								
E-mail Addres	ss: Chanc	cey.Summers@	oxy.com			Conditions of	Approval:						
			n				I F			Attached	Ш		
Date:	3-27	-/2	Phor	ne: (575) 397-8216									

District I
1625 N. French Dr., Hobbs, NM 88240
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State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back

Revised October 10, 2003

Form C-141

side of form

Release Notification and Corrective Action

						OPERA	ГOR						
Name of Co		Oxy Permia				Contact CJ Summers							
		tanolind Rd,				Telephone No. (575) 397-8216							
Facility Nar	ne Sand	Dunes 28 Fe	ederal #1	SWD		Facility Type SWD							
Surface Ow	ner BLM			Mineral C)wner				Lease N	No. NM 40	659		
				LOCA	TIO	N OF REI	LEASE						
Unit Letter	Section	Township	Range	Feet from the		n/South Line	Feet from the	East/W	est Line	County	/		
J	28	23S	31E										
J 28 238 31E													
NATURE OF RELEASE													
Type of Relea	ase Produ	uced water		14111	CILL	Volume of		bls	Volume F	Recovered	0 bbls	 8	
		er failure/ Tan	k overflov	v			our of Occurrence			Hour of Dis			
						04/22/2013							
Was Immedia	ete Notice (Yes [No □ Not Re		If YES, To	Whom? os-BLM and Mike	m / 1	OCD				
			i es	No L Not Re	quireu	James Amo	os-blivi and ivitke	e Bratche	r-UCD				
By Whom?						Date and H	our 04/22/2013 (@ 11:03	am				
Was a Watero	course Reac	_	v 52			If YES, Volume Impacting the Watercourse.							
				No									
If a Watercou	If a Watercourse was Impacted, Describe Fully.*												
Describe Cau	se of Proble	em and Remed	lial Actior	Taken.*									
A power failu	re at the sit	e caused 300 l	obls of pro	duced water to le	ak onto	o the ground. 1	No fluids were red	covered a	and the po	wer was rest	ored to	the site.	
Describe Area	Affected a	and Cleanup A	ction Tak	en.*									
The area affec	eted is 400°	x 100'. A nov	wer failure	at the site caused	1 300 6	hls of produce	d water to leak or	ato the or	ound No	fluide word	rogorie	wad and tha	
power was res	stored to the	e site. Remedi	ation will	be performed in a	ecorda	ance with an ap	pproved plan from	n the NM	OCD and	the BLM.	TECOVE	acu anu me	
T 11	2. 41. 4.41	C	-										
regulations all	y that the ti	ntormation giv are required to	en above report an	is true and comple d/or file certain re	ete to t	the best of my l	knowledge and ur	nderstand	that purs	uant to NMC)CD ru	iles and	
public health	or the envir	onment. The	acceptance	e of a C-141 repor	t by th	e NMOCD ma	rked as "Final Re	eport" do	es not reli	eve the oner	may en ator of	liability	
should their o	perations ha	ave failed to a	dequately	investigate and re	mediat	te contamination	on that pose a thre	at to gro	und water.	. surface wat	ter, hun	nan health	
or the environ federal, state,	ment. In ac	ddition , NM O	CD accept	ance of a C-141 r	eport d	loes not relieve	the operator of r	esponsib	ility for co	mpliance w	ith any	other	
rederal, state,	or rocal lav	vs and/or regul	ations.	The same of the sa		OIL CONSERVATION DIVISION							
							OIL CONS	SER V F	IIION.	DIVISIO	<u>IN</u>	İ	
Signature:													
Printed Name:	Chance	y Summers				Approved by I	District Superviso	or:					
Title: HES	Specialist					Approval Date	8	Expiration					
E-mail Addres	ss: Chanc	eey.Summers@		Conditions of Approval:									
D							Attached _			i			
Date: 06 Attach Additi	/06/2013	ta If Nogona		one: (575) 397-82	16								
Augul Agulti	onar once	io ii inccessa	ıу										

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 District II
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Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

Form C-141 Revised October 10, 2003

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☐ Initial Report

Release Notification and Corrective Action

OPERATOR

						OPERA?	ГOR		🛚 Initi	al Report		Final Report	
Name of Co		Oxy Permia				Contact C	J Summers	"					
		tanolind Rd,				Telephone N	No. (575) 397-	-8216					
Facility Nar	ne Sand	Dunes 28 Fe	ederal #1	SWD Battery		Facility Typ	e Battery						
Surface Ow	ner BLM			Mineral O	wner				API No	. 30-015-2	6194		
				LOCA	TIO	N OF REI	FASE		13-11				
Unit Letter	Section	Township	Range			South Line	Feet from the	East/We	est Line	County			
J	28	_	•										
Day													
Latitude <u>N 32.27336°</u> Longitude <u>W 103.78031°</u>													
				NATU	URE	OF RELI	EASE						
Type of Relea		iced water			•	Volume of		I .	Volume F	Recovered	0 bbls	,	
Source of Rel pump was off	ease Nipp	le on discharg	e header a	at the east injection	l	Date and H 10/06/2014	our of Occurrence	e]	Date and	Hour of Disc	overy		
Was Immedia		iven?				If YES, To							
		\boxtimes	Yes	No 🗌 Not Rec	quired		her-NMOCD, Sol	Hughes-	BLM				
By Whom?	Kathy Pur	vis @ BBC In	ternationa	l, Inc.		Date and H	our 10/07/2014 @	2 11:46 a	ım				
Was a Watero	ourse Reac		Yes 🏻	No		If YES, Volume Impacting the Watercourse.							
If a Watercou	rse was Imp	acted, Descri	be Fully.*										
Describe Caus	se of Proble	and Damed	lal Action	Tokon *									
	the dischar	rge header at tl		ection pump was o	off allo	wing 67 bbls o	of produced water	to leak o	nto the gr	round. No fl	uids w	ere	
Describe Area	Affected a	nd Cleanup A	ction Take	en.*									
plan approved	by NMOC	D and the BL	M.	location and 10' x									
regulations all public health of should their of	operators a or the enviro perations ha ment. In ad	are required to conment. The a eve failed to ad Idition, NMO	report and acceptance lequately: CD accept	is true and comple d/or file certain rele e of a C-141 report investigate and ren ance of a C-141 re	ease no by the nediate	otifications and NMOCD ma e contaminatio	d perform correcti rked as "Final Rep in that pose a threa	ive action port" doe at to grou	is for rele is not relie and water.	ases which neve the opera	nay en- tor of er. hun	danger liability nan bealth	
		1	Charles Charles				OIL CONS	ERVA	TION :	DIVISIO	<u>V</u>		
Signature:			- Control of the Cont	<u> </u>								İ	
Printed Name:	Chancey	Summers		<u> </u>	A	Approved by I	District Supervisor						
Title: HES	Advisor				A	Approval Date		Exp	Expiration Date:				
Date.	0-/0	ey.Summers@	Ph	one: (575) 397-82		Conditions of Approval: Attached							
uttooh Additi	anal Chaat	a If Magagge	ter 7										

District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
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State of New Mexico Energy Minerals and Natural Resources

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

Revised October 10, 2003

Initial Report

Submit 2 Copies to appropriate
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side of form

Form C-141

Final Report

Release Notification and Corrective Action

OPERATOR

Name of Co	 _	Oxy Permia				Contact CJ Summers							
		tanolind Rd,				Telephone No. (575) 397-8216							
Facility Nar	ne Sand	Dunes 28 Fe	ederal #1	SWD Battery		Facility Type Battery							
Surface Ow	ner BLM			Mineral O	wner	er API No. 30-015-26194							
	LOCATION OF RELEASE												
									County				
		_	_			-							
J 28 23S 31E Eddy													
	Latitude N 32.27336° Longitude W 103.78031°												
				NAT	URE	OF RELI	EASE						
Type of Relea		iced water				Volume of		s Volume R	Lecovered 0 bbls				
pump was off	,		ge header a	at the west injection	n	Date and H 10/23/2014	our of Occurrence	Date and I	Hour of Discovery				
Was Immedia	te Notice C		**		, ,	If YES, To							
		×	Yes	No 🗌 Not Rec	quired	Mike Bratc	her, Heather Patte	erson-NMOCD, So	l Hughes-BLM				
By Whom?		vis @ BBC In	ternationa	l, Inc.			our 10/24/2014 @						
Was a Watero	ourse Reac		Yes 🛛	No		If YES, Vo	lume Impacting th	ne Watercourse.					
If a Watercou	rse was Imp	pacted, Descri	be Fully.*	:									
Describe Caus	se of Proble	m and Remed	lial Action	Taken.*					···				
The nipple on recovered and	the dischar	ge header at t was replaced	he west in	jection pump was	off allo	owing 22 bbls	of produced water	r to leak onto the g	round. No fluids were				
Describe Area	Affected a	nd Cleanup A	ction Take	en.*									
The affected a	rea is appro	oximately 12'	x 100' on	location and 5' x	100' of	flocation. Re	emediation will be	completed in acco	ordance with a remediation plan				
approved by N	MOCD an	d the BLM.							i i				
I hereby certif	iv that the ir	formation giv	zen above	is true and comple	ata to th	a hast of my	moviladae and un	dayatan d that yayya	aant to NMOCD rules and				
regulations all	operators a	ire required to	report and	d/or file certain rel	lease no	otifications an	d perform correct	ive actions for rele	ases which may endanger				
public health of	or the envir	onment, The	acceptance	e of a C-141 repor	t by the	NMOCD ma	rked as "Final Re	port" does not relie	eve the operator of liability				
or the environ	perations ha ment In ac	ive tailed to ad	dequately CD accept	investigate and rer	mediate mort de	e contamination	on that pose a three	at to ground water,	surface water, human health mpliance with any other				
federal, state,	or local law	s and/or regul	ations.	\	por u	303 HOT TOHEV	the operator of re		inplicance with any other				
			. /)			OIL CONS	ERVATION :	DIVISION				
Signature:			$\geq <$										
	CI		· · · · · · · · · · · · · · · · · · ·			Approved by I	District Supervisor	r:					
Printed Name: Chancey Summers (Approved by Bistrict Supervisor)													
Title: HES	Advisor					Approval Date	: 	Expiration D	ion Date:				
E-mail Addres	s: Chanc	ey.Summers@	oxv.com			Conditions of	Approval.		_				
11/2-14								Attached					
Date: / Attach Additi	//			none: (575) 397-82	16	<u>.</u>							
анист Алан	ови эпееі	is il inecessa	rv -										