

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

January 6, 2012

RECEIVED

JAN 11 2012

NMOCD ARTESIA

Mr. Mike Bratcher New Mexico Oil Conservation Division 811 S. First Street Artesia, NM 88210

Re: Oxy Final C-141 Information Packets: Cal-Mon #17, Federal 26 #3, Coyote 21-2 Battery, Indian Basin Station 128, Winston Gas Com #4, McKittrick 11-5, Jones Canyon 4-5, Two Marks 36-4

Dear Mr. Bratcher:

On behalf of Oxy USA, BBC International, Inc. is pleased to enclose the Final C-141 closure information packets for the above referenced sites for your records. These packets included initial and final C-141s, site diagrams, laboratory analyses, and correspondence pertaining to the sites.

Please let us know if you require any additional information.

Sincerely,

Cliff P. Brunson

Cliff P. Tuman

President

CPB/kp

Enclosures

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

State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division 1220 South St. Francis Dr.

Form C-141 Revised October 10, 2003

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

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. ,.	Specialist					Approval Da	ie:	Expiration	Date:		
E-mail Addre	ss: Dusty	_Wilson@c	xy.com			Conditions of	f Approval:		A A A A A A A A A A A A A A A A A A A		

Phone: (575) 397-8210

Attached

<u>District 1</u> 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 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources

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

Revised October 10, 2003

Form C-141

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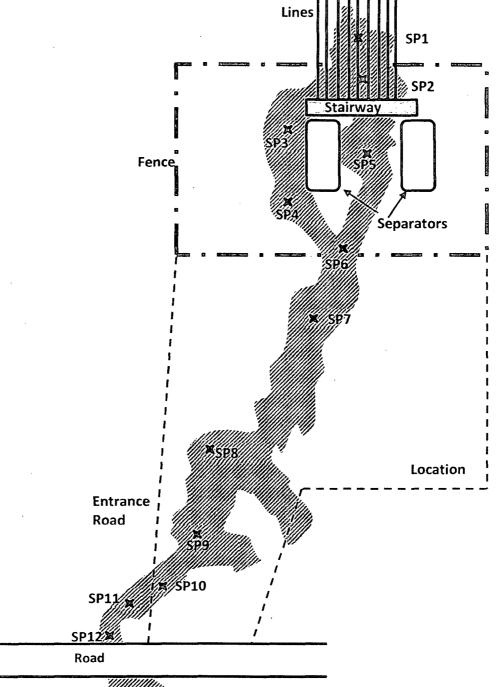
Release Notification and Corrective Action

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Title: HES S	pecialist					Approval Da	te:		Expiration	Date:			
		beaird@oxy.	com			Conditions o	f Approval:			Attached			
Date: 2-15-1	I												

^{*} Attach Additional Sheets If Necessary



Oxy 128 Production Facility



3913//

U/L F, Section 28, T215, R24E Eddy County, NM N 32.45350, W -10450372 BBC International, Inc.

Оху

128 Production Facility

Date: 10/4/11

DRWG by:

Kathy Purvis

File Name: Site DRWG-

Oxy, 128 Production Facility

Kathy Purvis

From:

Gregston, Terry G <tgregsto@blm.gov>

Sent:

Wednesday, November 30, 2011 11:47 AM

To:

Cliff P. Brunson

Cc:

Amos, James A; Dusty Wilson; C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis

Subject:

RE: Oxy 128 Production Facility

Mr. Brunson,

Sample results look good. BLM approval is given to close the excavation and to proceed with final surface remediation. Please notify me when work on this spill site is completed.

Thank you,

Terry Gregston

Environmental Protection Specialist Bureau of Land Management 620 E. Greene St. Carlsbad, NM 88220 Office (575) 234-5958 Cell (575) 361-2635 Fax (575) 234-5927

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From: Cliff P. Brunson [mailto:cbrunson@bbcinternational.com]

Sent: Wednesday, November 30, 2011 11:14 AM

To: Gregston, Terry G

Cc: Amos, James A; Dusty Wilson; C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis

Subject: Re: Oxy 128 Production Facility

Terry,

I have attached a summary table and the lab data for your review of the second set of confirmation sampling conducted on the Oxy 128 Production Facility on November 21, 2011. This sample point is after further excavation was conducted. This sampling was conducted per the BLM stipulations in the remediation approval from the BLM. As you will see, the results are very good.

Therefore, Oxy is requesting approval to backfill the site. If you would please review and respond back to me as soon as possible with the approval, it would be greatly appreciated so we could schedule this site to be backfilled and completed.

Thank you,

Cliff Brunson

Cliff Brunson, CEI, CRS President BBC International, Inc. World-Wide Environmental Specialists Mailing Address: P. O. Box 805 Hobbs, NM 88241-0805 USA Shipping Address: 1324 W. Marland St. Hobbs, NM 88240 USA Phone: (575) 397-6388

E-Mail: cbrunson@bbcinternational.com *******

Fax: (575) 397-0397

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From: "Cliff P. Brunson" <cbrunson@bbcinternational.com>

Date: Thu. 17 Nov 2011 17:08:33 -0700 To: Terry Gregston <tgregsto@blm.gov>

Cc: James Amos < jamos@blm.gov >, Dusty Wilson < Dusty Wilson@oxy.com >, C J Summers

<Chancey_Summers@oxy.com>, Ken Swinney <kswinney@bbcinternational.com>, Jennifer Gilkey

<igilkev@bbcinternational.com>, Kathy Purvis <kathy@bbcinternational.com>

Subject: Re: Oxy 128 Production Facility

Terry,

This is to notify the BLM that BBC will be returning to the Oxy 128 Production Facility on Monday, November 21, 2011 to further excavate the area at the end of the culvert on the other side of the road. We received our confirmation sampling results and after reviewing the results, we determined that further excavation was warranted in this area. Upon completion of this soil removal, we will notify you in order to conduct more confirmation sampling at this area.

If you have any questions, please let us know.

Thanks, Cliff

Cliff Brunson, CEI, CRS President BBC International, Inc. World-Wide Environmental Specialists Mailing Address: P. O. Box 805 Hobbs, NM 88241-0805 USA Shipping Address: 1324 W. Marland St. Hobbs, NM 88240 USA Phone: (575) 397-6388 Fax: (575) 397-0397

E-Mail: cbrunson@bbcinternational.com

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From: Terry Gregston <tgregsto@blm.gov> Date: Sat, 22 Oct 2011 16:20:35 -0600

2

To: "Cliff P. Brunson" < cbrunson@bbcinternational.com, James Amos < James Amos@nm.blm.gov, Terry Gregston cterry gregston@nm.blm.gov

Subject: RE: Oxy 128 Production Facility

I have received your notification.

Thank you,

Terry Gregston

Environmental Protection Specialist Bureau of Land Management 620 E. Greene St. Carlsbad, NM 88220 Office (575) 234-5958 Cell (575) 361-2635 Fax (575) 234-5927

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From: Cliff P. Brunson [mailto:cbrunson@bbcinternational.com]

Sent: Thursday, October 20, 2011 4:56 PM

To: James Amos; Terry Gregston

Cc: Dusty Wilson; C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis

Subject: Oxy 128 Production Facility

Jim/Terry,

This e-mail is to give the BLM notice that on Monday, October 24, 2011, BBC will start the approved remediation plan activities on the Oxy 128 Production Facility. We expect our crew to be on location approximately at 10:00 am to start. If you have any questions, please let us know.

Thank you,

Cliff -

Cliff Brunson, CEI, CRS
President
BBC International, Inc.
World-Wide Environmental Specialists
Mailing Address:
P. O. Box 805
Hobbs, NM 88241-0805 USA
Shipping Address:
1324 W. Marland St.
Hobbs, NM 88240 USA
Phone: (575) 397-6388
Fax: (575) 397-0397

E-Mail: cbrunson@bbcinternational.com

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4

Kathy Purvis

From:

Ken Swinney <kswinney@bbcinternational.com>

Sent:

Tuesday, December 13, 2011 11:12 AM

To:

'Kathy Purvis'

Subject:

FW: FW: Oxy-128 Production Facility

From: tgregsto@blm.gov [mailto:tgregsto@blm.gov]

Sent: Monday, August 15, 2011 1:52 PM

To: Cliff P. Brunson

Cc: Dusty Wilson: Jennifer Gilkey; Ken Swinney; Terry Greaston

Subject: Re: FW: Oxy-128 Production Facility

Gentlemen,

The work plan for the Indian Basin Station 128 is approved with the following conditions of approval:

- 1. Additional sampling is required in the spill path beyond SP13 to delineate the full extent of the spill and to ensure the entire of the spill path is below closure limits. If further sampling indicates portions of the spill path are not below closure, then amendments will be submitted to the prior cleanup plan by the operator in order to address contaminate issues associated with this spill beyond the SP13 sampling point. Lab analysis of the spill delineation beyond SP13 will be forwarded to Terry Gregston, BLM, as soon as practical. If all points beyond SP13 are below closure, no further amendments to the submitted plan are required. If all points beyond SP13 are not below closure, then a plan amendment will be submitted by the operator to address the contaminant issues in the spill path beyond SP13.
- 2. Notify Terry Gregston, (575) 361-2635, when you move equipment onto the location to begin cleanup operations.
- 3. Notify Terry Gregston in the event that you encounter excavation difficulties, unexpected void areas, or archeological artifacts. An onsite may be required to assess the situation.
- 4. The BLM requires horizontal cleanup of the spill impacted areas in addition to vertical cleanup/mitigation measures. The goal of horizontal cleanup is to ensure that there is a minimum of 4 feet of clean soil across the horizontal surface of the entire spill affected area.
- 5. The BLM will wish to inspect the excavation once it reaches cleanup depth/width. Confirmation samples of sidewalls and any visibly affected areas outside of the excavation trench will be required; the BLM will witness the sampling. Prior 1' samples at the time of delineation were only run for chlorides; as a result, confirmation samples of the bottom will be required to ensure that hydrocarbon content of bottom is below closure limits. Contact Terry Gregston to schedule.
- 6. Lab analysis of the confirmation sampling must be forwarded to Terry Gregston at <u>terry gregston@nm.blm.gov</u> for final approval before backfilling. Based on the sampling results, additional cleanup may be required or the site may be approved for closure.
- 7. Once final approval of cleanup is given, the excavation can be backfilled with clean soil to the level of the original native contour plus enough loft to accommodate the settling and compaction of unconsolidated fill soils. 4" of loamy topsoil should be installed on top of backfill materials to fill in rock voids and to encourage the re-establishment of vegetation.
- 8. Install erosion control measures in the pasture-affected and ravine-affected areas to prevent the unconsolidated reclamation materials from washing or blowing away until reclaimed areas settle and begin to revegetate
- 9. Seed reclaimed and equipment-impacted pasture areas with a combination BLM seed mix #3 and #4 (50/50 mix).
- 10. Notify the BLM when the site work is finished for final inspection and sign off on spill cleanup.
- 11. Continue to monitor spill reclamation area to ensure impacted pasture areas revegetate and that erosion issues do not develop.

BLM approval of this proposal does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that may pose a threat to groundwater, surface water, human health, or the environment, or if the location fails to reclaim properly. In such an event that location does not revegetate, or future issues with contaminants are encountered, the operator will be asked to address the issues until contaminant issues are fully

mitigated and the location is successfully reclaimed. In addition, BLM approval does not relieve the operator of responsibility for compliance with any other federal, state, or local laws/regulations.

Terry Gregston Environmental Protection Specialist Bureau of Land Management 620 E. Greene St. Carlsbad, NM 88220 Office (575) 234-5958 Cell (575) 361-2635 Fax (575) 234-5927

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"Cliff P. Brunson" <cbrunson@bbcinternational.com>

07/27/2011 02:36 PM

To Terry Gregston rery_gregston@nm.blm.gov

cc Dusty Wilson <Dusty_Wilson@oxy.com>, Ken Swinney <kswinney@bbcinternational.com>, Jennifer Gilkey <jgilkey@bbcinternational.com> Subject FW: Oxy-128 Production Facility

Ms. Gregston,

This message is to update you on the status of this leak site. As you can see in the e-mail chain below, Oxy proposed a remediation plan to the NMOCD which the NMOCD has approved. Oxy is therefore requesting an approval in kind from the BLM so that this site can be advanced forward to clean up. I have attached the lab data and materials that the NMOCD reviewed in approving this site remediation.

I look forward to receiving the BLM's approval so we can move forward in taking care of this site. If you have any questions, please do not hesitate to contact myself or Ken Swinney with BBC, or Dusty Wilson with Oxy. Dusty has taken over the Carlsbad area also that was previously handled by Kelton Beaird.

Sincerely,

Cliff

Cliff Brunson, CEI, CRS
President
BBC International, Inc.
World-Wide Environmental Specialists
Mailing Address:
P. O. 80x 805
Hobbs, NM 88241-0805 USA
Shipping Address:
1324 W. Marland St.
Hobbs, NM 88240 USA
Phone: (575) 397-6388
Fax: (575) 397-6387
E-Mail: cbrunson@bbcinternational.com

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From: Mike Bratcher < Mike. Bratcher@state.nm.us>

Date: Fri, 15 Jul 2011 19:35:50 +0000

To: Cliff Brunson <cbrunson@bbcinternational.com>

Cc: Kelton Beaird < Kelton Beaird@oxy.com >, Rick Kerby < rick kerby@oxy.com >, Ken Swinney < kswinney@bbcinternational.com >,

Jennifer Gilkey < jgilkey@bbcinternational.com > Subject: RE: Oxy-128 Production Facility

Reference: OXY * Indian Basin Station 128 (IHU 083) * 30-015-32875 * F-28-21s-24e * DOR: 2/6/11 * 2RP-629

Cliff.

As discussed, and based on review of the analytical data submitted, your proposal for remediation of the produced fluid release, referenced above, is approved with the following conditions of approval:

- Notify OCD District 2 office 48 hours prior to commencement of remedial activities.
- Notify OCD District 2 office 48 hours prior to obtaining samples where the analyses will be submitted to OCD.
- After the initial proposed excavation, samples are to be obtained from approximately the same areas as the initial samples, and lab tested for TPH. This analytical data will form the basis for OCD approving closure of the site, or, requiring additional remedial action. Based on the initial sample analyses, no further testing for chloride or BTEX will be required.
- Submit a form C-141 Final Report and closure report upon satisfactory completion of project.
- Like approval by BLM, or any other regulatory authority, as may be applicable.
- Project is to be completed and closure documentation submitted not later than September 15, 2011. Operator may request an extension of time for completion if additional reclamation is required.

Please submit a hard copy of the electronically submitted data and proposal.

Be advised OCD approval does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that may pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, local laws and/or regulations.

If you have any questions or concerns, and for notifications, please contact me.

MIKE BRATCHER

NMOCD District 2 811 S. First Street Artesia, NM 88210 575-748-1283 Ext.108 575-626-0857 mike.bratcher@state.nm.us

From: Cliff P. Brunson [mailto:cbrunson@bbcinternational.com]

Sent: Wednesday, July 13, 2011 6:24 PM

To: Bratcher, Mike, EMNRD

Cc: Kelton Beaird; Rick Kerby; Ken Swinney; Jennifer Gilkey

Subject: Oxy-128 Production Facility

Mike,

This message is to confirm our discussion yesterday on July 12, 2011 concerning the remediation plan for the above referenced site. Per our discussion and mutual agreement, Oxy will excavate and remove impacted soil on the location to

a depth of one foot and off the location to a depth of one foot or as practicable. In the area of SP-13 at the end of the spill by the culvert, the depth of excavation will be at least one foot. Since there were no hydrocarbon samples taken below the surface, confirmation samples will be taken at the bottom of the one foot excavation across the site to determine that the appropriate hydrocarbons have been removed. The sample results will be discussed with the OCD prior to backfilling the site.

I have attached the site diagram and lab data for your files. If you would please respond back with your concurrence, it would be greatly appreciated. Thanks again for your time involving this matter.

Thanks, Cliff

Cliff Brunson, CEI, CRS
President
BBC International, Inc.
World-Wide Environmental Specialists
Mailing Address:
P. O. Box 805
Hobbs, NM 88241-0805 USA
Shipping Address:
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Kathy Purvis

From:

Ken Swinney <kswinney@bbcinternational.com>

Sent:

Tuesday, December 13, 2011 11:14 AM

To:

'Kathy Purvis'

Subject:

FW: Oxy-128 Production Facility

From: Bratcher, Mike, EMNRD [mailto:mike.bratcher@state.nm.us]

Sent: Friday, July 15, 2011 1:36 PM

To: Cliff P. Brunson

Cc: Kelton Beaird; Rick Kerby; Ken Swinney; Jennifer Gilkey

Subject: RE: Oxy-128 Production Facility

Reference: OXY * Indian Basin Station 128 (IHU 083) * 30-015-32875 * F-28-21s-24e * DOR: 2/6/11 * 2RP-629

Cliff,

As discussed, and based on review of the analytical data submitted, your proposal for remediation of the produced fluid release, referenced above, is approved with the following conditions of approval:

- Notify OCD District 2 office 48 hours prior to commencement of remedial activities.
- Notify OCD District 2 office 48 hours prior to obtaining samples where the analyses will be submitted to OCD.
- After the initial proposed excavation, samples are to be obtained from approximately the same areas as the
 initial samples, and lab tested for TPH. This analytical data will form the basis for OCD approving closure of the
 site, or, requiring additional remedial action. Based on the initial sample analyses, no further testing for chloride
 or BTEX will be required.
- Submit a form C-141 Final Report and closure report upon satisfactory completion of project.
- Like approval by BLM, or any other regulatory authority, as may be applicable.
- Project is to be completed and closure documentation submitted not later than September 15, 2011. Operator
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Please submit a hard copy of the electronically submitted data and proposal.

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If you have any questions or concerns, and for notifications, please contact me.

MIKE BRATCHER

NMOCD District 2 811 S. First Street Artesia, NM 88210 575-748-1283 Ext.108 575-626-0857 mike.bratcher@state.nm.us From: Cliff P. Brunson [mailto:cbrunson@bbcinternational.com]

Sent: Wednesday, July 13, 2011 6:24 PM

To: Bratcher, Mike, EMNRD

Cc: Kelton Beaird; Rick Kerby; Ken Swinney; Jennifer Gilkey

Subject: Oxy-128 Production Facility

Mike,

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I have attached the site diagram and lab data for your files. If you would please respond back with your concurrence, it would be greatly appreciated. Thanks again for your time involving this matter.

Thanks, Cliff

Cliff Brunson, CE1, CRS President BBC International, Inc. World-Wide Environmental Specialists Mailing Address: P. O. Box 805 Hobbs, NM 88241-0805 USA Shipping Address: 1324 W. Marland St. Hobbs, NM 88240 USA Phone: (575) 397-6388 Fax: (575) 397-0397 E-Mail: cbrunson@bbcinternational.com

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Laboratory Analytical Results Summary Oxy, 128 Production Facility Confirmation Sample 2

		Sample	SP 4A @ 3.5'
Analyte	Method	Date	11/21/11
			mg/Kg
GRO C6-C10	TPH 8015M		<10.0
DRO >C10-C28	TPH 8015M		<10.0
EXT DRO >C28-C3	TPH 8015M		<10.0
Total TPH C6-C28	TPH 8015M		<10.0



November 23, 2011

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: 128 PRODUCTION FACILITY

Enclosed are the results of analyses for samples received by the laboratory on 11/22/11 10:00.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021

Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method SW-846 8260

Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method TX 1005

Total Petroleum Hydorcarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

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 (V2, V3)

Accreditation applies to public drinking water matrices.

Lope S. Moreno

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,

Hope Moreno

Inorganic Technical Director



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To:

(505) 397-0397

Received:

11/22/2011

Sampling Date:

11/21/2011

Reported:

11/23/2011

Sampling Type:

Soil

Project Name:

128 PRODUCTION FACILITY

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Project Location:

NOT GIVEN

Sample Received By:

Jodi Henson

Sample ID: CONFIRMATION SP 4A @ 3.5' (H102539-01)

TPH 8015M	mg/l	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	11/22/2011	ND	184	92.1	200	4.12	
DRO >C10-C28	<10.0	10.0	11/22/2011	ND	188	94.1	200	6.00	
EXT DRO >C28-C35	<10.0	10.0	11/22/2011	ND					
Total TPH C6-C28	<10.0	10.0	11/22/2011	ND	372	93.1	400	5.08	
Surrogate: 1-Chlorooctane	100 %	6 55.5-15	4						
Surrogate: 1-Chlorooctadecane	105 %	6 57.6- 1 5	8						

*=Accredited Analyte Cardinal Laboratories

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Lope S. Moreno



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

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any daim 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 whatsoever 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 leable for incidental or consequential damages, including, without limitation, business interruptions, loss of loss of profits incircured by client, tis 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.

Lope S. Moreno

Hope Moreno, Inorganic Technical Director

ARDINAL LABORATORIES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name	BBC International, Inc.						City (嬔		ell	LL TO	第二十二					ANA	LYSI	S RE	QUE	ST			
	r: Cliff Brunson						P.	O. ‡			1													
Address: P.O	. Box 805						C	om	oany	y:	· · · · · · · · · · · · · · · · · · ·													
City: Hobbs	State: NM	Zip:	88	241			_A	ttn:		\leq	LAN	<u> </u>					1							
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Sampler Name:							F	ax#	ŧ:				$\int_{\mathcal{A}}$	4	İ									
FOR LAB USE ONLY		2.	T		MAT	RIX		PF	RESI	RV.	SAMPL	ING]											
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	WASTEWATER			ы. В.	ACID/BASE:	ICE / COOL	R:			TPI											
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analyses. All claims includ service. In no event shall (and Damages, Cardinate isobility and otentic exclusive romedy for fire those for negligence and any other cause whatscever shall be Cardinat be listile for incidental or consequental damages, includic sing out of or related to the performance of services hereuniter by y:	deemed v ig without l Cardinal, o	waived limitatio	unless n, busi uss of w	made in iness in: whether	writing emuptio	and rec ns, loss	of use	by Ca e, or lo	rdinal r ss of p	within 30 days aft rofits incurred by	er completion of client, its subsidi essons or otherw Phone Re	the applic aries, ise. 2SUIT:	□ Y		□ No		Phone						
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† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

#26

Laboratory Analytical Results Summary Oxy, 128 Production Facility

CONFIRMA	TION SAMPLING	Sample	SP1	SP2	SP3	SP4	SW1	SW2
Analyte	Method	Date	11/2/11	11/2/11	11/2/11	11/2/11	11/2/11	11/2/11
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	.mg/Kg
GRO	TPH 8015M		<10.0	<10.0	<10.0	28.8	<10.0	<10.
DRO	TPH 8015M		105	70.9	16.5	4890	255	69.8



November 08, 2011

Cliff Brunson .

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: 128 PRODUCTION FACILITY

Enclosed are the results of analyses for samples received by the laboratory on 11/03/11 8:07.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021

Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method SW-846 8260

Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method TX 1005

Total Petroleum Hydorcarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

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 (V2, V3)

Accreditation applies to public drinking water matrices.

Celeg 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:

(505) 397-0397

Received:

11/03/2011

Sampling Date:

11/02/2011

Reported:

11/08/2011

Sampling Type:

Soil

Project Name:

128 PRODUCTION FACILITY

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

CARLSBAD, NM

Sample ID: CONFORMATION SP 1 (H102383-01)

TPH 8015M	mg	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/07/2011	ND	185	92.5	200	1.55	
DRO >C10-C28	105	10.0	11/07/2011	ND	218	109	200	0.781	
Surrogate: 1-Chlorooctane	64.2	% 55.5-15	4						
Surrogate: 1-Chlorooctadecane	79.3	% 57.6-15	8.						

Sample ID: CONFORMATION SP 2 (H102383-02)

TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/07/2011	ND	185	92.5	200	1.55	
DRO >C10-C28	70.9	10.0	11/07/2011	ND	218	109	200	0.781	
Surrogate: 1-Chlorooctane	68.9	% 55.5-15	4						
Surrogate: 1-Chlorooctadecane	90.43	% 57.6-15	8						•

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 whatsoever shall be deemed waved unless made in writing and received by Cardinal within tithity (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequentual damages, including, without limitation, unliness interruptions, loss of its use, or loss of profits incircured by client, its subsidiaries, affiliates or successors arising out or 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.

Celegio Keine



BBC International, Inc. Cliff Brunson

P.O. Box 805

Hobbs NM, 88241

Fax To:

(505) 397-0397

Received:

11/03/2011

Sampling Date:

11/02/2011

Reported:

11/08/2011

Sampling Type:

Soil

Project Name:

128 PRODUCTION FACILITY

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Project Location:

CARLSBAD, NM

Jodi Henson

Sample ID: CONFORMATION SP 3 (H102383-03)

TPH 8015M	mg/	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/08/2011	ND	185	92.5	200	1.55	
DRO >C10-C28	16.5	10.0	11/08/2011	ND	218	109	200	0.781	
Surrogate: 1-Chlorooctane	60.3	% 55.5-15	:4						<u> </u>
Surrogate: L-Chloroctadecane	70.2	% 57.6-15	S						

Sample ID: CONFORMATION SP 4 (H102383-04)

TPH 8015M	mg	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	28.8	10.0	11/08/2011	ND	185	92.5	200	1.55	
DRO >C10-C28	4890	10.0	11/08/2011	ND	218	109	200	0.781	
Surrogate: 1-Chlorooctane	67.2	% 55.5-15	4						
Surrogate: 1-Chlorooctadecane	89.2	% 57.6-15	8						

Cardinal Laboratories

*=Accredited Analyte

any other cause whatsoever 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.



BBC International, Inc.

Cliff Brunson

P.O. Box 805

Hobbs NM, 88241

Fax To:

(505) 397-0397

Received:

11/03/2011

Sampling Date:

11/02/2011

Reported:

11/08/2011

Sampling Type:

Soil

Project Name:

128 PRODUCTION FACILITY

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Project Location:

CARLSBAD, NM

Sample Received By:

Jodi Henson

Sample ID: CONFORMATION SW 1 (H102383-05)

TPH 8015M	mg	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/08/2011	ND	185	92.5	200	1.55	
DRO >C10-C28	255	10.0	11/08/2011	ND	218	109	200	0.781	
Surrogate: 1-Chlorooctane	71.3	% 55.5-15	4						
Surrogate: 1-Chlorooctadecane	98 7	% 57.6-15	8						*

Sample ID: CONFORMATION SW 2 (H102383-06)

TPH 8015M	mg/l	kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/08/2011	ND	185	92.5	200	1.55	
DRO >C10-C28	69.8	10.0	11/08/2011	ND	218	109	200	0.781	
Surrogate: 1-Chlorooctane	33.1 %	6 55.5-15	4						
Surrogate: 1-Chlorooctadecane	65.1 %	6 57.6-15	8						

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keena



Notes and Definitions

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

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 whatsoever 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, affidiates 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 approved of Cardinal Laboratores.

Celing D. Keine



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

Company Name: BBC International	SILL TO	ANALYSIS REQUEST
Project Manager: Cliff Bronson	P.O. #:	
Company Name: BB International Project Manager: Cliff Browson Address: 1324 . Maeland	Company:	
City: 40005 State: NA Zip: 88240	Attn:	
Phone # (575) 3976388 Fax #: (575) 3470347	Address: SAMF	
Project #: Project Owner: OXY	City:	
Project Warne: # 128 Project Owner: Oxy Project Name: # 128 Production Facility	State: Zip:	
Project Location: Eddy Cnk 2d# 401	Phone #:	
Sampler Name: De H	Fax #:	
FOR LAB USE ONLY MATRIX	PRESERV SAMPLING	
(C)OMP ERS ATER EER		
Lab I.D. Sample I.D.		
Sample 1.9.	BR B	
Tap I.D. Sample I.D. (G)RAB OR (C)OM # CONTAINERS GROUNDWATER WASTEWATER SOIL	OTHER: ACID/BASE CE / COOL OTHER:	
Conformation SPI GI	11.2.11.1015	
2 Conformation 5P1 G11	11.2.11 1070	
3 Conformation Sp3 G1 1	V 11.2-11 1025 V	
Conformation SP4 GI	112/1/030	
5 Conformation SW 161	11.7.11/035 /	
6 Contormation SW2 81	1 1040 1	
<u> </u>		
PLEASE NOTE: Usoiliny and Damages, Cardual's Rabitay and cleans exclusive remedy for any claim arising whether based in control analyses. All claims including those for negligence and any other cause whatsoever shall be deemed worked unless made in writing.	nt or tort, shall be limited to the ancount paid by the client for the	
service. In no event shall Cardinal be liable for incidental or consequental damages, including without Smitation, business interruption atilitates or successors arising out of or related to the performance of services berefining by graphinal, regardless of whether such dail	, loss of use, or loss of profits incurred by client, its subsidiaries.	
Relinquished By: Date! Received By:	Phone Result: ☐ Yes ☐ No Fax Result: ☐ Yes ☐ No	!Add'! Phone #:
TIME OF THE	MAN REMARKS:	[Add'l Fax #:
Relinquished By: Date: 07 Received By:	TUUV	-
Time:		
Delivered By: (Circle One) ; Sample Cond	tion CHECKED BY:	·
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Sampler - UPS - Bus - Other: - 7 4 PYes PY	es Cart	

Laboratory Analytical Results Summary Oxy, 128 Production Facility

		Sample	SP1@ SURFACE	SP1 @ 1'	SP2 @ SURFACE	SP2 @ 1'	SP3 @ SURFACE	SP3 @ 1'	SP4@ SURFACE	SP4 @ 1	SP5.@ SURFACE	SP5 @ 1'	SP6 @ SURFACE	SP6 @ 1'	SP7 @ SURFACE	SP7 @ 1'
Analyte	Method	Date	6/15/11	6/15/11	6/15/11	6/15/11	6/15/11	6/15/11	6/15/11	6/15/11	6/15/11	6/15/11	6/15/11	6/15/11	6/15/11	6/15/11
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	N/A	<0.050	N/A	< 0.050	N/A	<0.050	N/A	<0.050	N/A	<0.050	N/A	< 0.050	N/A
Toluene	BTEX 8021B		0.054	N/A	<0.050	N/A	<0.050	N/A	<0.050	N/A	0.084	N/A	<0.050	N/A	<0.050	N/A
Ethylbenzene	BTEX 8021B		0.125	N/A	0.064	N/A	<0.050	N/A	0.081	N/A	0.107	N/A	0.075	N/A	<0.050	N/A
Total Xylenes	BTEX 8021B		0.768	N/A	0.4	N/A	<0.150	N/A	0.479	N/A	0.741	N/A	0.417	N/A	0.334	N/A
Chloride	SM4500CI-B		688	240	488	176	576	384	288	64	544	64	304	48	896	128
GRO	TPH 8015M		81.9	N/A	<50.0	N/A	13.7	N/A	89.1	N/A	<100	N/A	16.8	N/A	80	N/A
DRO	TPH 8015M		17500	N/A	9780	N/A	365	N/A	16800	N/A	30800	N/A	121	N/A	16600	N/A

		Sample	SP8 @ SURFACE	SP8 @ 1'	SP9@ SURFACE	SP9 @ 1'	SP10@ SURFACE	SP11@ SURFACE	SP12 @ SURFACE	SP13 @ SURFACE
Analyte	Method	Date	6/16/11	6/16/11	6/16/11	6/16/11	6/16/11	6/16/11	6/16/11	6/16/11
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.001	N/A	<0.050	N/A	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		0.046	N/A	<0.050	N/A	<0.050	<0.050	<0.050	0.063
Ethylbenzene	BTEX 8021B		0.074	N/A	0.107	N/A	0.077	<0.050	0.073	0.147
Total Xylenes	BTEX 8021B		0.446	N/A	0.628	N/A	0.513	0.236	0.546	0.793
Chloride	SM4500CI-B		336	208	1040	112	<16.0	128	96	16
GRO	TPH 8015M		<10.0	N/A	<50.0	N/A	<50.0	<10.0	<100	<100
DRO	TPH 8015M		802	N/A	10200	N/A	12000	59.8	27100	54300

CONFIRMA	ATION SAMPLING	Sample	SP1	SP2	SP3	SP4	SW1	SW2
Analyte	Method	Date	11/2/11	11/2/11	11/2/11	11/2/11	11/2/11	11/2/11
			.mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
GRO	TPH 8015M		<10.0	<10.0	<10.0	28.8	<10.0	<10.
DRO	TPH 8015M		105	70.9	16.5	4890	255	69.8



June 28, 2011

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: 128 PRODUCTION FACILITY

Enclosed are the results of analyses for samples received by the laboratory on 06/23/11 13:45.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021

Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method SW-846 8260

Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method TX 1005

Total Petroleum Hydorcarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

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 (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:

(505) 397-0397

Received:

06/23/2011

Sampling Date:

06/15/2011

Reported:

BTEX 8021B

06/28/2011

Sampling Type:

Soil

Project Name:

128 PRODUCTION FACILITY

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

CARLSBAD, NM

mg/kg

123 %

115 %

70-130

70-130

Sample ID: SP 1 @ SURFACE (H101301-01)

			·	•					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2011	ND	1.81	90.6	2.00	11.4	
Toluene*	0.054	0.050	06/27/2011	ND	1.90	95.2	2.00	11.6	
Ethylbenzene*	0.125	0.050	06/27/2011	ND	1.88	94.1	2.00	13.0	
Total Xylenes*	0.768	0.150	06/27/2011	ND	5.61	93.5	6.00	12.1	
Surrogate: 4-Bromofluorobenzene (PIL	105 9	% 70-130	1				1, 11, 11, 11, 11, 11, 11, 11, 11, 11,		
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	688	16.0	06/24/2011	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: ab					
Analyte	Result	Reporting Limit .	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10	81.9	50.0	06/25/2011	ND	184	91.8	200	2.31	

Analyzed By: CMS

Sample ID: SP 1 @ 1' (H101	L301-02)								
Chloride, SM4500CI-B	/kg	Analyzed By: HM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	06/24/2011	ND	432	108	400	3.77	

Cardinal Laboratories

Surrogate: 1-Chlorooctane

Surrogate: 1-Chlorooctadecane

*=Accredited Analyte

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Celey & Keena



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To:

(505) 397-0397

Received:

06/23/2011

Sampling Date:

06/15/2011

Reported:

06/28/2011

Sampling Type:

Soil

Project Name:

128 PRODUCTION FACILITY

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

CARLSBAD, NM

Sample ID: SP 2 @ SURFACE (H101301-03)

TEX 8021B	mg/	'kg	Analyze	Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/25/2011	ND	1.81	90.6	2.00	11.4	T.
Toluene*	<0.050	0.050	06/25/2011	ND	1.90	95.2	2.00	11.6	
Ethylbenzene*	0.064	0.050	06/25/2011	ND	1.88	94.1	2.00	13.0	
Total Xylenes*	0.400	0.150	06/25/2011	ND	5.61	93.5	6.00	12.1	
Surrogate: 4-Bromofluorobenzene (P1L	100	% 70-130	· · · · · · · · · · · · · · · · · · ·						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	06/24/2011	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	06/25/2011	ND	184	91.8	200	2.31	
DRO >C10-C28	9780	50.0	06/25/2011	ND .	183	91.6	200	3.55	
Surrogate: 1-Chlorooctane	122	% 70-130)						
Surrogate: 1-Chlorooctadecane	120	% 70-130)						

Sample ID: SP 2 @ 1' (H101301-04)

Chloride, SM4500Cl-B mg/kg			Analyze	d By: HM			· · · · · · · · · · · · · · · · · · ·		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	06/24/2011	ND	432	108	400	3.77	

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Celeg & Keine



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To:

(505) 397-0397

Received:

06/23/2011

Sampling Date:

06/15/2011

Reported:

06/28/2011

Sampling Type:

Soil

Project Name:

128 PRODUCTION FACILITY

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

CARLSBAD, NM

Sample ID: SP 3 @ SURFACE (H101301-05)

BTEX 8021B	mg/	/kg	Analyze	d By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene ^{:*}	<0.050	0.050	06/25/2011	ND .	1.81	90.6	2.00	11.4	
Toluene*	<0.050	0.050	06/25/2011	ND	1.90	95.2	2.00	11.6	
Ethylbenzene*	<0.050	0.050	06/25/2011	ND	1.88	94.1	2.00	13.0	
Total Xylenes*	<0.150	0.150	06/25/2011	ND	5.61	93.5	6.00	12.1	
Surrogate: 4-Bromofluorobenzene (PIL	102	% 70-130	,						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride .	576	16.0	06/24/2011	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	13.7	10.0	06/25/2011	ND	184	91.8	200	2.31	
DRO >C10-C28	365	10.0	06/25/2011	ND	183	91.6	200	3.55	
Surrogate: 1-Chlorooctane	114	% 70-130)						
Surrogate: 1-Chlorooctadecane	109	% 70-130)						

Sample ID: SP 3 @ 1' (H101301-06)

Chloride, SM4500Cl-B mg/kg		Analyze	d By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16,0	06/24/2011	ND	432	108	400	3.77	

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Celeg & Keene



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To:

(505) 397-0397

Received:

06/23/2011

06/28/2011

Sampling Date:

06/15/2011

Reported:

128 PRODUCTION FACILITY

Sampling Type:

Soil

Project Name:

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

CARLSBAD, NM

Sample ID: SP 4 @ SURFACE (H101301-07)

BTEX 8021B	mg/	kg	Analyze	d By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2011	ND	1.81	90.6	2.00	11.4	
Toluene*	<0.050	0.050	06/27/2011	ND	1.90	95.2	2.00	11.6	
Ethylbenzene*	0.081	0.050	06/27/2011	ND	1.88	94.1	2.00	13.0	
Total Xylenes*	0.479	0.150	06/27/2011	ND	5.61	93.5	6.00	12.1	
Surrogate: 4-Bromofluorobenzene (PIL	103 9	% 70-130) .						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	06/24/2011	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	89.1	50.0	06/25/2011	ND	184	91.8	200	2.31	
DRO >C10-C28	16800	50.0	06/25/2011	ND	183	91.6	200	3.55	
Surrogate: 1-Chlorooctane	124 9	% 70-130)						
Surrogate: I-Chlorooctadecane	115 9	% 70-130)						

Sample ID: SP 4 @ 1' (H101301-08)

Chloride, SM4500Cl-B	/kg	Analyzed By: HM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	06/24/2011	ND	432	108	400	3.77	

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Celey D. Keine



BBC International, Inc. Cliff Brunson

P.O. Box 805

Hobbs NM, 88241

Fax To:

(505) 397-0397

Received:

06/23/2011

Reported: Project Name: 06/28/2011

128 PRODUCTION FACILITY

Project Number: Project Location: NONE GIVEN

CARLSBAD, NM

Sampling Date:

06/15/2011

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: SP 5 @ SURFACE (H101301-09)

BTEX 8021B	mg/	kg	Anaiyze	d By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2011	ND	1.81	90.6	2.00	11.4	
Toluene*	0.084	0.050	06/27/2011	ND	1.90	95.2	2.00	11.6	
Ethylbenzene*	0.107	0.050	06/27/2011	ND .	1.88	94.1	2.00	13.0	
Total Xylenes*	0.741	0.150	06/27/2011	ND	5.61	93.5	6.00	12.1	
Surrogate: 4-Bromofluorobenzene (PIL	105 9	% 70-130)		э				
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	06/24/2011	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: ab					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<100	100	06/27/2011	ND	184	91.8	200	2.31	
DRO >C10-C28	30800	100	06/27/2011	ND	183	91.6	200	3.55	
Surrogate: 1-Chlorooctane	999 9	70-130)	······································					T-2011 132-22-20-20-20-20-20-20-20-20-20-20-20-20
Surrogate: 1-Chlorooctadecane	907 9	% 70-130)						

Sample ID: SP 5 @ 1' (H101301-10)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	06/24/2011	ND	432	108	400	3.77	

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Celey D. Keene



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To:

(505) 397-0397

Received:

06/23/2011

Sampling Date:

06/15/2011

Reported:

06/28/2011

Sampling Type:

Soil

Project Name:

128 PRODUCTION FACILITY

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Project Location:

CARLSBAD, NM

Sample Received By:

Jodi Henson

Sample ID: SP 6 @ SURFACE (H101301-11)

BTEX 8021B	mg	/kg	Analyze	d By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene* -	<0.050	0.050	06/25/2011	ND	1.81	90.6	2.00	11.4	
Toluene*	<0.050	0.050	06/25/2011	ND	1.90	95.2	2.00	11.6	
Ethylbenzene*	0.075	0.050	06/25/2011	ND	1.88	94.1	2.00	13.0	
Total Xylenes*	0.417	0.150	06/25/2011	ND	5.61	93.5	6.00	12.1	
Surrogate: 4-Bromofluorobenzene (PIL	102	% 70-130)						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	06/24/2011	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: ab				<u>.</u>	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	16.8	10.0	06/25/2011	ND	184	91.8	200	2.31	
DRO >C10-C28	121	10.0	06/25/2011	ND	183	91.6	200	3.55	
Surrogate: 1-Chlorooctane	97.3	% 70-130							
Surrogate: 1-Chlorooctadecane	84.8	% 70-130)						

Sample ID: SP 6 @ 1' (H101301-12)

Chloride, SM4500Cl-B	mg,	/kg .	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/24/2011	ND	432	108	400	3.77	

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any other cause wrietsoever 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 he liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or 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

Celeg & Keine



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To:

(505) 397-0397

Received:

06/23/2011

Sampling Date:

06/15/2011

Reported:

06/28/2011

Sampling Type:

Soil

Project Name:

128 PRODUCTION FACILITY

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

CARLSBAD, NM

Sample ID: SP 7 @ SURFACE (H101301-13)

BTEX 8021B	mg/l	(g	Analyze	d By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2011	ND	1.81	90.6	2.00	11.4	
Toluene*	<0.050	0.050	06/27/2011	ND	1.90	95.2	2.00	11.6	
Ethylbenzene*	<0.050	0.050	06/27/2011	ND	1.88	94.1	2.00	13.0	
Total Xylenes*	0.334	0.150	06/27/2011	ND	5.61	93.5	6.00	12.1	
Surrogate: 4-Bromofluorobenzene (PIL	103 %	6 70-130							
Chloride, SM4500CI-B	mg/l	кg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	896	16.0	06/24/2011	ND	432	108	400	3.77	
TPH 8015M	mg/l	kg	Analyze	d By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	80.0	50.0	06/25/2011	ND	184	91.8	200	2.31	
DRO >C10-C28	16600	50.0	06/25/2011	ND	183	91.6	200	3.55	
Surrogate: 1-Chlorooctane	115 %	6 70-130							
Surrogate: 1-Chlorooctadecane	85.5 %	6 70-130							

Sample ID: SP 7 @ 1' (H101301-14)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/24/2011	ND	432	108	400	3.77	

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Celeg & Keine



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To:

(505) 397-0397

Received:

06/23/2011

Sampling Date:

06/16/2011

Reported:

06/28/2011

Sampling Type:

Soil

Project Name:

128 PRODUCTION FACILITY

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Project Location:

Sample Received By:

Jodi Henson

CARLSBAD, NM

Sample ID: SP 8 @ SURFACE (H101301-15)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	< 0.001	0.001	06/27/2011	ND	1.81	90.6	2.00	11.4	
Toluene*	0.046	0.001	06/27/2011	ND	1.90	95.2	2.00	11.6	
Ethylbenzene*	0.074	0.001	06/27/2011	ND	1.88	94.1	2.00	13.0	
Total Xylenes*	0.446	0.003	06/27/2011	. ND	5.61	93.5	6.00	12.1	

Surrogate: 4-Bromofluorobenzene (PIL

101%

70-130

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM	<u> </u>				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	06/24/2011	ND	432	108	400	3.77	
трн 8015М	mg	/kg	Analyze	d By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/25/2011	ND	208	104	200	2.59	
DRO >C10-C28	802	10.0	06/25/2011	ND	220	110	200	0.144	

Surrogate: 1-Chlorooctane

113 %

70-130

Surrogate: 1-Chlorooctadecane

102 %

70-130

Sample ID: SP 8 @ 1' (H101301-16)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	06/24/2011	ND	432	108	400	3.77	

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Celeg & Keene



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

Hobbs NM, 88241

Fax To:

(505) 397-0397

Received:

06/23/2011

Sampling Date:

06/16/2011

Reported:

06/28/2011

Sampling Type:

Project Name:

128 PRODUCTION FACILITY

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Project Location:

CARLSBAD, NM

97.3 %

70-130

Sample Received By:

Jodi Henson

Sample ID: SP 9 @ SURFACE (H101301-17)

BTEX 8021B	mg/	kg	Analyze	d By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2011	ND	1.74	87.2	2.00	2.05	
Toluene*	<0.050	0.050	06/27/2011	ND	1.82	91.0	2.00	1.97	
Ethylbenzene*	0.107	0.050	06/27/2011	ND	1.80	90.2	2.00	2,42	
Total Xylenes*	0.628	0.150	06/27/2011	ND	5.45	90.8	6.00	2.85	
Surrogate: 4-Bromofluorobenzene (PIL	95.5	% 70-130	1						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1040	16.0	06/24/2011	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	06/25/2011	ND	208	104	200	2.59	
DRO >C10-C28	10200	50.0	06/25/2011	ND	220	110	200	0.144	
Surrogate: 1-Chlorooctane	97.8 9								

Sample ID: SP 9 @ 1' (H101301-18)

Surrogate: 1-Chlorooctadecane

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte ·	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	06/24/2011	ND	432	108	400	3.77	

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PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim ansing, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All clients, including those for negligence and any other cause whatsoevers shall be deemed waived unless made in writing and received by Cardinal which thirty (30) days after completion of the applicable service. In no event shall be deemed waived unless made in writing and received by Cardinal which thirty (30) days after completion of the applicable service. In no event shall be deemed waived unless made in writing and received by Cardinal which thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without kimitation, 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 Laboratones.

Celeg D. Keine



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To:

(505) 397-0397

Received:

06/23/2011

Sampling Date:

06/16/2011

Reported:

06/28/2011

Sampling Type:

Soil

Project Name:

128 PRODUCTION FACILITY

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

CARLSBAD, NM

Sample ID: SP 10 @ SURFACE (H101301-19)

BTEX 8021B	mg,	kg	Analyze	d By: CMS	·				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2011	ND	1.74	87.2	2.00	2.05	
Toluene*	<0.050	0.050	06/27/2011	ND	1.82	91.0	2.00	1.97	
Ethylbenzene*	0.077	0.050	06/27/2011	ND	1.80	90.2	2.00	2.42	
Total Xylenes*	0.513	0.150	06/27/2011	ND	5.45	90.8	6.00	2.85	
Surrogate: 4-Bromofluorobenzene (PIL	95.1	% 70-130)						
Chloride, SM4500Cl-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	06/24/2011	ND	432	108	400	3.77	
TPH 8015M	mg,	kg	Analyze	d By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	06/25/2011	ND	208	104	200	2.59	
DRO >C10-C28	12000	50.0	06/25/2011	ND	220	110	200	0.144	
Surrogate: 1-Chlorooctane	112 5	% 70-130)						
Surrogate: 1-Chlorooctadecane	101	% 70-130)						

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Celey D. Keena



BBC International, Inc. Cliff Brunson

P.O. Box 805 Hobbs NM, 88241

Fax To:

(505) 397-0397

Received:

06/23/2011

Sampling Date:

06/16/2011

Reported:

06/28/2011

Sampling Type:

Soil

Project Name:

128 PRODUCTION FACILITY

oling Type:

Cool & Intact

Project Number:

NONE GIVEN

Sampling Condition: Sample Received By:

Jodi Henson

Project Location:

CARLSBAD, NM

107 %

70-130

Sample ID: SP 11 @ SURFACE (H101301-20)

BTEX 8021B	mg,	/kg	Analyze	d By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2011	ND	1.74	87.2	2.00	2.05	
Toluene*	<0.050	0.050	06/27/2011	ND	1.82	91.0	2.00	1.97	
Ethylbenzene*	<0.050	0.050	06/27/2011	. ND	1.80	90.2	2.00	2.42	
Total Xylenes*	Xylenes* 0.236 0.150				5.45	90.8	6.00	2.85	
Surrogate: 4-Bromofluorobenzene (PIL	101	% 70-130)						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/24/2011	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/27/2011	ND	208	104	200	2.59	
Sito co cio				ND	220		200	0.144	

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Surrogate: 1-Chlorooctadecane

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Celey D. Keene



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To:

(505) 397-0397

Received:

06/23/2011

Sampling Date:

06/16/2011

Reported:

06/28/2011

Sampling Type:

Soil

Project Name:

128 PRODUCTION FACILITY

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

CARLSBAD, NM

Sample ID: SP 12 @ SURFACE (H101301-21)

BTEX 8021B	mg,	/kg	Analyze	d By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2011	ND	1.74	87.2	2.00	2.05	
Toluene*	<0.050	0.050	06/27/2011	ND	1.82	91.0	2.00	1.97	
Ethylbenzene*	0.073	0.050	06/27/2011	ND	1.80	90.2	2.00	2.42	
Total Xylenes*	0.546	0.150	06/27/2011	ND	5.45	90.8	6.00	2.85	
Surrogate: 4-Bromofluorobenzene (PIL	95.5	% 70-130							
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	06/24/2011	ND	432	108	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: ab					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<100	100	06/27/2011	ND	208	104	200	2.59	
DRO >C10-C28	27100	100	06/27/2011	ND	220	110	200	0.144	
Surrogate: 1-Chlorooctane	935	% 70-130							
Surrogate: 1-Chlorooctadecane	890	% 70-130							

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Celey & Keine



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (505) 397-0397

Received: Reported: 06/23/2011

06/28/2011

128 PRODUCTION FACILITY

Project Name: Project Number:

NONE GIVEN

Project Location:

CARLSBAD, NM

Sampling Date:

Sampling Type:

sampling Type:

Sampling Condition:

Sample Received By:

06/16/2011 Soil

Cool & Intact

Jodi Henson

Sample ID: SP 13 @ SURFACE (H101301-22)

BTEX 8021B	mg,	/kg	Analyze	d By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/27/2011	ND	1.74	87.2	2.00	2.05	
Toluene*	0.063	0.050	06/27/2011	ND	1.82	91.0	2.00	1.97	
Ethylbenzene*	e* 0.147			ND ·	1.80	90.2	2.00	2.42	
Total Xylenes*	0.793	0.150	06/27/2011	ND	5.45	90.8	6.00	2.85	
Surrogate: 4-Bromofluorobenzene (PIL	94.2	% 70-130							
Chloride, SM4500Cl-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	06/24/2011	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: ab					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<100	100	06/27/2011	ND	208	104	200	2.59	
DRO >C10-C28	54300	100	06/27/2011	ND	220	110	200	0.144	
Surrogate: 1-Chlorooctane	1050	% 70-130							
Surrogate: 1-Chlorooctadecane	901	% 70-130							

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Celey D. Keine



Notes and Definitions

S-06
The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

Insufficient time to reach temperature.

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

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

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Celeg D. Keene



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: BBC International, Inc.							BI	LL	το	kanturia Markata	ANALYSIS REQUEST											
Project Manager	: Cliff Brunson				F	.O. #	:															
Address: P.O.	Box 805				c	omp	any:															
							Attn:								İ							
Phone #: 575-3	397-6388 Fax #: 5	75-39	7-0	397	4	ddre	ss: 🤌	ر. خرج ک	210													
Project #:	Project Ow	ner:	ØΥ	y Aridio	وارد	ity:																
Project Name:	120 Production				- 1	tate:		Zip:							[1					
Project Location	•	41		! 		hone	#:						•									
Sampler Name:	Wolf Ornot	? 5			F	ax #:																
FOR LAB USE ONLY				MATRIX		PRE	SERV	SA	AMPLI	NG			l								İ	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER WASTEWATER SOIL OIL	SLUDGE	ACID/BASE:	ICE / COOL OTHER:	D/	ATE	TIME	HdL	BTEX	-70									
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Sampler - UPS	Bus - Other:	20	/	Cool Intac	Yes No		(inst															

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





Company Name: BBC International, Inc.

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ANALYSIS REQUEST



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

Project Manager	: Cliff Brunson		P.O. #:				1	1 1.	1 1	- 1	1		
Address: P.O.	Box 805		Company:										
city: Hobbs	State: NM	zip: 88241	Attn:										
Phone #: 575-3	97-6388 Fax # : 575	-397-0397	Address:										
Project #:	Project Owne	r. exy MC	City: - 400					1 1					
Project Name:	128 Production +	90414	State: Zip:			İ							
Project Location		, /	Phone #:] [
Sampler Name:	Jose Contle	>	Fax #:			•							
FOR LAB ÜSE ONLY		MATRIX	PRESERV. SAMPL	ING		Y.							
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	ACIDIGASE OTHER: OTHER: OTHER: OTHER:	TIRAL	Adl	BIE	7.7						
H101301	<		DATE	TIME	X	$\overline{\mathcal{L}}$, 		╂				
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analyses. All claims includin service. In no event shall Ca atfiliates or successors asisin	d Damages. Cardinal's Editify and chent's exclusive remedy for a ginosefor negligence and any other cause whotsoerer shall be admit be kable to incidental or consequental damages, including goul of or related to the performance of services horeunded by C	deemed waived unless made in writing a gwithout invitation, pusiness interruption	and received by Cardinal within 30 days at a, loss of use, or loss of prefit: industed by	aid by the oftent for or completion of the oftent, its subsidia.	e applicabl ries, e,				<u> </u>		1		
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Relinquished By	Date:	Received By:		1									
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Delivered By:	(Circle One)	. Sample Cond	ition CHECKED BY:	•									
Sampler - UPS	•	20 Cool Intact	es (luitiblé) Vo (luitiblé)						· · · · · · · · · · · · · · · · · · ·				

BILL TO

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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

3/3

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

| Company Name: BBC International, Inc. | BILL TO | ANALYSIS REQUEST
| Project Manager: Cliff Brunson | P.O. #:
| Address: P.O. Box 805 | Company:
| City: Hobbs | State: NM zip: 88241 | Attn: | Attn:

Address: P.O. Box 805										Company:							ĺ		İ		·	1			
city: Hobbs		State: NM	Zip	: 8	824	11		Att	n:]					İ						
Phone #: 575-3	Phone #: 575-397-6388 Fax #: 575-397-0397								Address: Souling]											
Project #:	Project #: Project Owner: OXY MC Project Name: 176 Pocketon Feculity								City:					l											
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FOR LAB USE ONLY			٦.			MATR	IX		PRE	SERV	4	SAMPLI	NG	17	X										
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† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

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