Closure Report

ID #nAB1506443259

Site Description						
Site Name:	SDS 11 FEDERAL #1 SWD					
Company:	Oxy USA, Inc.					
Legal Description:	UL F , S 11 , TS 24S , R 31E					
County:	EDDY					
GPS Coordinates:	N 32.23339 W -103.750704					

Release Data						
Date of Release:	2/22/2015					
Type of Release:	PRODUCED WATER					
Source of Release:	HIGH PRESSURES ON A PUMP					
Volume of Release:	44 BBLS					
Volume Recovered:	0 BBLS					

Remediation Specifications								
Remediation Parameters:	This site is listed on the Agreed Compliance Order of 4/5/19. This site had previously been remediated but no paperwork existed for verification therefore, OXY performed confirmation sampling to verify remediation limits had been met. The enclosed site diagram depicts the spill area, excavation depths, and the confirmation sample points. OXY collected sidewall and bottom confirmation samples every 200 square feet .							
Remediation Activities:	May-15							
Plan Sent to OCD:	3/20/2015							
OCD Approval of Plan:	3/26/2015							
Plan Sent to BLM:								
BLM Approval of Plan:								

Supporting Documentation									
C-141, page 6	signed and included								
Site Diagram	Google Earth map with	cogle Earth map with excavation depths & confirmation sample points							
Pictures	Closure photos								
Lab Summary/Analysis	Confirmation lab sumn	Confirmation lab summary/analysis report 7/*							
Notifications			•						

Request for Closure

Based on the completion of the remediation plan, BBC International requests closure approval from NMOCD.

Cliff P. Brunson President, BBC International, Inc.

10/5/2022

State of New Mexico Oil Conservation Division

Incident ID	nAB1506443259
District RP	
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: Each of the follo	owing items must be included in the closure report.
A scaled site and sampling diagram as described in 19.	.15.29.11 NMAC
Photographs of the remediated site prior to backfill or must be notified 2 days prior to liner inspection)	photos of the liner integrity if applicable (Note: appropriate OCD District office
Laboratory analyses of final sampling (Note: appropria	ate ODC District office must be notified 2 days prior to final sampling)
Description of remediation activities	
and regulations all operators are required to report and/or file may endanger public health or the environment. The accepta should their operations have failed to adequately investigate human health or the environment. In addition, OCD accepta compliance with any other federal, state, or local laws and/or restore, reclaim, and re-vegetate the impacted surface area to accordance with 19.15.29.13 NMAC including notification to Printed Name:	complete to the best of my knowledge and understand that pursuant to OCD rules e certain release notifications and perform corrective actions for releases which ance of a C-141 report by the OCD does not relieve the operator of liability and remediate contamination that pose a threat to groundwater, surface water, unce of a C-141 report does not relieve the operator of responsibility for r regulations. The responsible party acknowledges they must substantially the conditions that existed prior to the release or their final land use in to the OCD when reclamation and re-vegetation are complete. Title: Date: $P-12-2Z$ Telephone: (575) 390-2828
OCD Only	
Received by: <u>Jocelyn Harimon</u>	Date:10/05/2022
Closure approval by the OCD does not relieve the responsible remediate contamination that poses a threat to groundwater, so party of compliance with any other federal, state, or local law	e party of liability should their operations have failed to adequately investigate and urface water, human health, or the environment nor does not relieve the responsible vs and/or regulations.
Closure Approved by:	Date:
Printed Name:	Title:

eldon Hitchcock
atcher, Mike, EMNRD; Patterson, Heather, EMNRD
vid Adkins; christopher_jones@oxy.com
y-SDS 11 Federal #001 SWD (30-015-27627) *2RP-2859* Work Plan
day, March 20, 2015 11:07:18 AM
150320101205342.pdf

Mike,

The work plan for the Oxy SDS 11 Fed #1 SWD is attached. The release was contained to the bermed location. We did a remediation at this site in 2013 where we installed a 1-foot thick clay barrier. The clay extends from 3-feet bgs to 4-feet bgs. As you will see in the work plan the clay only comes into play at S-1 (for excavation purposes) and at S-2 (we were only able to delineate chlorides to 800 mg/kg). Please let me know if you have any questions or concerns. Thank you.

Respectfully,

Sheldon L. Hitchcock

Project Manager Talon/LPE 408 West Texas Avenue Artesia, New Mexico 88210 Phone: (575) 746-8768 Cell: (575) 689-5198 Fax: (575) 746-8905 Email: <u>slhitchcock@talonlpe.com</u> Web: <u>www.talonlpe.com</u>



Better Business Bureau Torch Award for Marketplace Ethics: 2010 Winner, 2009 Finalist Staples Foundation for Learning Hall of Fame Recipient: 2010 ICIC and Business Week- Top 100: 2010, 2009, 2008, 2007, 2006 Inc. 500/5000: 2012, 2011, 2010, 2009, 2008, 2007

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From:	Patterson, Heather, EMNRD
То:	"Sheldon Hitchcock"; Bratcher, Mike, EMNRD
Cc:	David Adkins; christopher jones@oxy.com
Subject:	RE: Oxy-SDS 11 Federal #001 SWD (30-015-27627) *2RP-2859* Work Plan
Date:	Thursday, March 26, 2015 8:35:00 AM

RE: Oxy * SDS 11 Federal #001 SWD * 30-015-27627 *2RP-2859

Sheldon,

This work plan is approved as written. Like approval by BLM is required for this site.

OCD approval does not relieve the operator of liability should their operations fail 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 notification, please contact me.

Heather Patterson Environmental Specialist NMOCD District II Office (575)748-1283 ext.101 Cell (575)703-0228

From: Sheldon Hitchcock [mailto:slhitchcock@talonlpe.com]
Sent: Friday, March 20, 2015 11:04 AM
To: Bratcher, Mike, EMNRD; Patterson, Heather, EMNRD
Cc: David Adkins; christopher_jones@oxy.com
Subject: Oxy-SDS 11 Federal #001 SWD (30-015-27627) *2RP-2859* Work Plan

Mike,

The work plan for the Oxy SDS 11 Fed #1 SWD is attached. The release was contained to the bermed location. We did a remediation at this site in 2013 where we installed a 1-foot thick clay barrier. The clay extends from 3-feet bgs to 4-feet bgs. As you will see in the work plan the clay only comes into play at S-1 (for excavation purposes) and at S-2 (we were only able to delineate chlorides to 800 mg/kg). Please let me know if you have any questions or concerns. Thank you.

Respectfully,

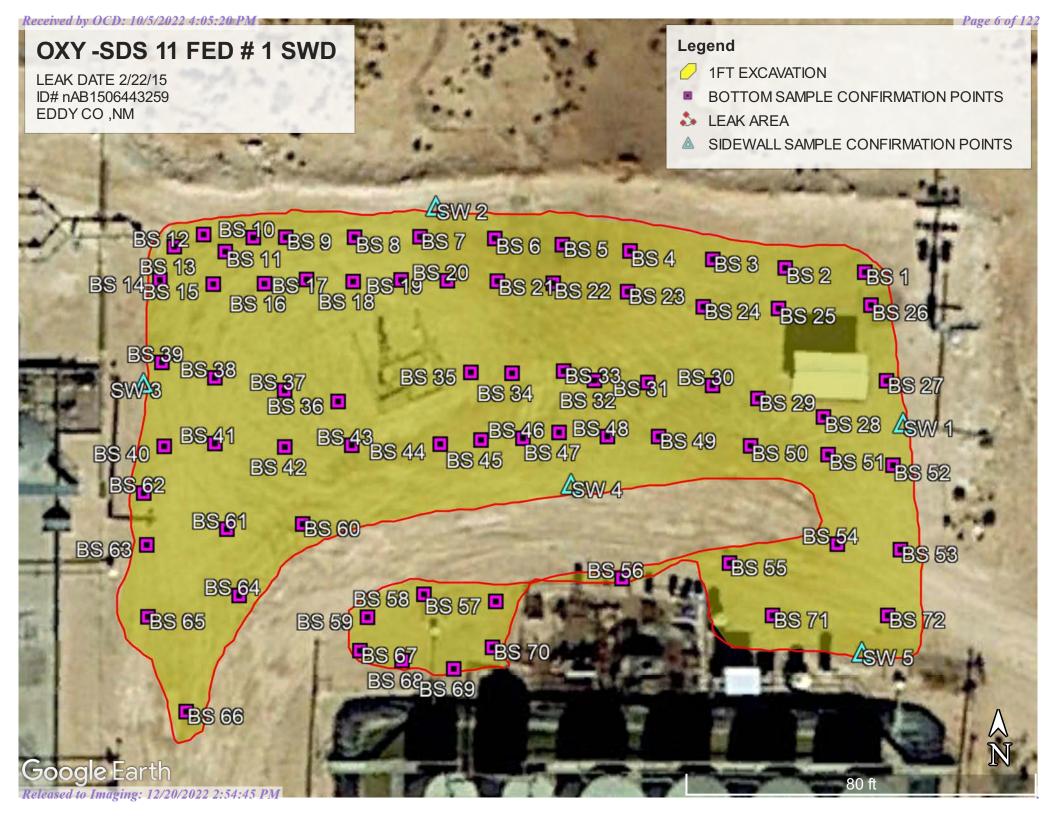
Sheldon L. Hitchcock

Project Manager Talon/LPE 408 West Texas Avenue Artesia, New Mexico 88210 Phone: (575) 746-8768 Cell: (575) 689-5198 Fax: (575) 746-8905 Email: <u>slhitchcock@talonlpe.com</u> Web: <u>www.talonlpe.com</u>



Better Business Bureau Torch Award for Marketplace Ethics: 2010 Winner, 2009 Finalist Staples Foundation for Learning Hall of Fame Recipient: 2010 ICIC and Business Week- Top 100: 2010, 2009, 2008, 2007, 2006 Inc. 500/5000: 2012, 2011, 2010, 2009, 2008, 2007

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1 BS @ 1'	N32.23347	W-103.75037
_	N32.23398	W-103.75043
3 BS @ 1'		W-103.75045
-	N32.23350	W-103.75052
5 BS @ 1'		W-103.75057
•	N32.23318	W-103.75062
7 BS @ 1'		W-103.75067
8 BS @ 1'		W-103.75073
•	N32.23346	W-103.75078
10 BS @ 1'		W-103.75083
-	N32.23350	W-103.75089
12 BS @ 1'	N32.23350	W-103.75044
_	N32.23349	W-103.75098
_	N32.23345	W-103.75098
14 B3 @ 1 15 BS @ 1'		W-103.75094
-	N32.23344	W-103.75089
10 BS @ 1 17 BS @ 1'	N32.23345	W-103.75089
-	N32.23345	W-103.75084 W-103.75080
_		W-103.75345
19 BS @ 1'		W-103.75070
-	N32.23345	
21 BS @ 1'		W-103.75059
22 BS @ 1'	N32.23346	W-103.75049
_	N32.23325	W-103.75808
24 BS @ 1'		W-103.75049
_	N32.23349	W-103.75042
26 BS @ 1'	N32.23342	W-103.75047
27 BS @ 1'		W-103.75036
_	N32.23341	W-103.75042
29 BS @ 1'	N32.23342	W-103.75048
_	N32.23347	W-103.75054
31 BS @ 1'	N32.23348	w-103.75062
	N32.23340	W-103.75072
	N32.23343	W-103.75077
_	N32.23332	W-103.75081
	N32.23340	W-103.75077
-		W-103.75037
-	N32.23345	W-103.75029
	N32.23343	W-103.75647
_	N32.23340	W-103.75075
	N32.23336	W-103.75097
-		W-103.75096
	N32.23335	W-103.75087
		W-103.75017
44 BS @ 1'	N32.23353	W-103.75017

45 BS@1'	N32.23335	W-103.75072
46 BS @ 1'	N32.23323	W-103.75077
47 BS @ 1'	N32.23335	W-103.75067
48 BS @ 1'	N32.22335	W-103.75062
49 BS @ 1'	N32.23255	W-103.75064
50 BS @ 1'	N32.23325	W-103.75048
51 BS @ 1'	N32.23332	W-103.75032
52 BS @ 1'	N32.23331	W-103.75038
53 BS @ 1'	N32.23325	W-103.75025
54 BS @ 1'	N32.23322	W-103.75040
55 BS @ 1'	N32.23321	W-103.75051
56 BS @ 1'	N32.23323	W-103.75057
57 BS @ 1'	N32.23324	W-103.75051
58 BS @ 1'	N32.23334	W-103.75074
59 BS @ 1'	N32.23325	W-103.75082
60 BS @ 1'	N32.23316	W-103.75082
61 BS @ 1'	N32.23314	W-103.75090
62 BS @ 1'	N32.23318	W-103.75017
63 BS @ 1'	N32.23320	W-103.75320
64 BS @ 1'	N32.23321	W-103.75372
65 BS @ 1'	N32.22309	W-103.75382
66 BS @ 1'	N32.23309	W-103.75042
67 BS @ 1'	N32.23218	W-103.75081
68 BS @ 1'	N32.23318	W-103.75076
69 BS @ 1'	N32.23317	W-103.75068
70 BS @ 1'	N32.23319	W-103.75056
71 BS @ 1'	N32.23320	W-103.75045
72 BS @ 1'	N32.23319	W-103.75039

SIDEWALL	1 N32.23342	W-103.75038
SIDEWALL	2 N32.23348	W-103.75022
SIDEWALL	3 N32.23330	W-103.75343
SIDEWALL	4 N32.22329	W-103.75335
SIDEWALL	5 N32.23307	W-103.75080

SDS 11 FED # 1 SWD (2/22/15

	Sample ID	BS 1 @ 1'	BS 2 @ 1'	BS 3 @ 1'	BS 4 @1'	BS 5 @ 1'	BS 6 @ 1'	BS 7 @ 1'	BS 8 @ 1'	BS 9 @ 1'	BS10 @1'	BS 11 @ 1'	BS 12 @1'	BS13 @ 1'	BS 14@1'	BS 15@ 1'	BS 16@1'	BS17 @ 1'	BS 18@1'
Analyte	Date	7/12/22	7/12/22	7/12/22	7/12/22	7/12/22	7/12/22	7/12/22	7/12/22	7/12/22	7/12/22	7/12/22	7/12/22	7/12/22	7/12/22	7/12/22	7/12/22	7/12/22	7/12/22
		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	mg/kg	mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050	< 0.050	<0.050	<0.050	<0.050	<0.050	< 0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050	<0.050	< 0.050	< 0.050	<0.050	<0.050	< 0.050	<0.050	<0.050	< 0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	< 0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300	< 0.300	<0.300	<0.300	<0.300	<0.300	< 0.300	< 0.300	<0.300	<0.300	<0.300	<0.300	<0.300	< 0.300	<0.300	<0.300
Chloride		<16.0	16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO		<10.0	<10.0	<10.0	10.3	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

	Sample ID	BS 20 @1'	BS 21 @1'	BS 22@1'	BS 23@1'	BS 24@1'	<u>BS25@1'</u>	BS 26@1	BS 27@1'	BS 28@1'	<u>BS29@ 1'</u>	BS 30 @ 1'	BS 31 @1'	BS 32@1'	BS 33@1'	BS 34@1'	BS 35@1'	BS 36@1'	BS 36@1'
Analyte	Date	7/12/22	7/12/22	7/12/22	7/12/22	7/12/22	7/12/22	7/12/22	7/12/22	7/12/22	7/12/22	7/12/22	7/12/22	7/12/22	7/12/22	7/12/22	7/12/22	7/12/22	7/12/22
		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	mg/kg	mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	< 0.050	<0.050	<0.050	< 0.050
Toluene		<0.050	<0.050	<0.050	<0.050	< 0.050	<0.050	<0.050	<0.050	< 0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene		<0.050	< 0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	< 0.050
Total Xylenes		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300	< 0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride		<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

	Sample ID	BS 37@1'	BS 38@1'	BS 39@1'	BS 40@1'	BS 41@1 '	<u>BS42@1'</u>	<u>BS43@1'</u>	BS 44@1'	<u>BS45@1'</u>	BS 46@1'	BS 47@1'	BS 48@1'	BS 49@1'	BS50 @1'	BS 51@1'	BS 52@1'	BS 53@1'	BS 54@1'
Analyte	Date	7/12/22	7/12/22	7/12/22	7/12/22	7/12/22	7/12/22	7/12/22	7/12/22	7/12/22	7/12/22	7/12/22	7/12/22	7/12/22	7/12/22	7/12/22	7/12/22	7/12/22	7/12/22
		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	mg/kg	mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050	<0.050	< 0.050	<0.050	<0.050	<0.050	< 0.050	<0.050	< 0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	< 0.050
Total Xylenes		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300	< 0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride		<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	32.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

SDS 11 FED # 1 SWD (2/22/15

	Sample ID	BS 55@1'	BS 56@1'	BS 57@1'	BS 58@1'	BS59@1'	BS 60@1'	BS 61@1'	BS 62@1'	BS63@1'	BS 64@1'	BS 65@1'	BS 66@1'	BS 67@1'	BS 68@1'	BS 69@1'	BS 70@1'	BS 71@1'	BS 72@1'
Analyte	Date	7/12/22	7/12/22	7/12/22	7/12/22	7/12/22	7/12/22	7/12/22	7/12/22	7/12/22	7/12/22	7/12/22	7/12/22	7/12/22	7/12/22	7/12/22	7/12/22	7/12/22	7/12/22
		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	mg/kg	mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	< 0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050	<0.050	<0.050	< 0.050	<0.050	<0.050	< 0.050	<0.050	< 0.050	< 0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene		< 0.050	<0.050	<0.050	<0.050	<0.050	< 0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300	< 0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride		<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	16.0	16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

	Sample ID	SW 1	SW 2	SW 3	SW 4	SW 5
Analyte	Date	7/12/22	7/12/22	7/12/22	7/12/22	7/12/22
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300	<0.300	<0.300
Chloride		<16.0	<16.0	<16.0	<16.0	<16.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0
DRO		<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO		<10.0	<10.0	<10.0	<10.0	<10.0

























July 22, 2022

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

RE: SDS 11 FEDERAL #1 SWD

Enclosed are the results of analyses for samples received by the laboratory on 07/18/22 16:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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.

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,

Whe Singh

Mike Snyder For 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:	07/18/2022	Sampling Date:	07/11/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 1 @ 1' (H223121-01)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2022	ND	2.09	105	2.00	8.82	
Toluene*	<0.050	0.050	07/21/2022	ND	2.17	109	2.00	8.65	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.19	110	2.00	8.16	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	6.70	112	6.00	7.59	
Total BTEX	<0.300	0.300	07/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	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	07/20/2022	ND	193	96.4	200	0.00	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	183	91.4	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	94.2	% 43-149)						
Surrogate: 1-Chlorooctadecane	96.4	% 42.5-16	1						

Cardinal Laboratories

*=Accredited Analyte

Mite Sugar

Mike Snyder For 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:	07/18/2022	Sampling Date:	07/11/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 2 @ 1' (H223121-02)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2022	ND	2.09	105	2.00	8.82	
Toluene*	<0.050	0.050	07/21/2022	ND	2.17	109	2.00	8.65	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.19	110	2.00	8.16	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	6.70	112	6.00	7.59	
Total BTEX	<0.300	0.300	07/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/20/2022	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	07/20/2022	ND	193	96.4	200	0.00	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	183	91.4	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	94.5	% 43-149)						
Surrogate: 1-Chlorooctadecane	98.2	% 42.5-16	1						

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Mike Snyder For 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:	07/18/2022	Sampling Date:	07/11/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 3 @ 1' (H223121-03)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2022	ND	2.09	105	2.00	8.82	
Toluene*	<0.050	0.050	07/21/2022	ND	2.17	109	2.00	8.65	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.19	110	2.00	8.16	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	6.70	112	6.00	7.59	
Total BTEX	<0.300	0.300	07/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	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	07/20/2022	ND	193	96.4	200	0.00	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	183	91.4	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	95.8	% 43-149)						
Surrogate: 1-Chlorooctadecane	102 9	% 42.5-16	1						

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Mike Snyder For 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:	07/18/2022	Sampling Date:	07/11/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 4 @ 1' (H223121-04)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2022	ND	2.09	105	2.00	8.82	
Toluene*	<0.050	0.050	07/21/2022	ND	2.17	109	2.00	8.65	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.19	110	2.00	8.16	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	6.70	112	6.00	7.59	
Total BTEX	<0.300	0.300	07/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	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	07/20/2022	ND	193	96.4	200	0.00	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	183	91.4	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	93.9	% 43-149)						
Surrogate: 1-Chlorooctadecane	98.6	% 42.5-16	1						

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Mike Snyder For 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:	07/18/2022	Sampling Date:	07/11/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 5 @ 1' (H223121-05)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2022	ND	2.09	105	2.00	8.82	
Toluene*	<0.050	0.050	07/21/2022	ND	2.17	109	2.00	8.65	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.19	110	2.00	8.16	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	6.70	112	6.00	7.59	
Total BTEX	<0.300	0.300	07/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	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	07/20/2022	ND	193	96.4	200	0.00	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	183	91.4	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	96.7	% 43-149)						
Surrogate: 1-Chlorooctadecane	103 9	% 42.5-16	1						

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Mike Snyder For 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:	07/18/2022	Sampling Date:	07/11/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 6 @ 1' (H223121-06)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2022	ND	2.09	105	2.00	8.82	
Toluene*	<0.050	0.050	07/21/2022	ND	2.17	109	2.00	8.65	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.19	110	2.00	8.16	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	6.70	112	6.00	7.59	
Total BTEX	<0.300	0.300	07/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	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	07/20/2022	ND	193	96.4	200	0.00	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	183	91.4	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	101	% 43-149	1						
Surrogate: 1-Chlorooctadecane	106	% 42.5-16	1						

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Mike Snyder For 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:	07/18/2022	Sampling Date:	07/11/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 7 @ 1' (H223121-07)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2022	ND	2.09	105	2.00	8.82	
Toluene*	<0.050	0.050	07/21/2022	ND	2.17	109	2.00	8.65	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.19	110	2.00	8.16	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	6.70	112	6.00	7.59	
Total BTEX	<0.300	0.300	07/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	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	07/20/2022	ND	193	96.4	200	0.00	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	183	91.4	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	98.7	% 43-149)						
Surrogate: 1-Chlorooctadecane	103	% 42.5-16	1						

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Mike Snyder For 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:	07/18/2022	Sampling Date:	07/11/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 8 @ 1' (H223121-08)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2022	ND	2.09	105	2.00	8.82	
Toluene*	<0.050	0.050	07/21/2022	ND	2.17	109	2.00	8.65	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.19	110	2.00	8.16	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	6.70	112	6.00	7.59	
Total BTEX	<0.300	0.300	07/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	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	07/20/2022	ND	193	96.4	200	0.00	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	183	91.4	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	99.6	% 43-149)						
Surrogate: 1-Chlorooctadecane	104	% 42.5-16	1						

Cardinal Laboratories

*=Accredited Analyte

Mite Sugar

Mike Snyder For 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:	07/18/2022	Sampling Date:	07/11/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 9 @ 1' (H223121-09)

BTEX 8021B	mg,	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2022	ND	2.09	105	2.00	8.82	
Toluene*	<0.050	0.050	07/21/2022	ND	2.17	109	2.00	8.65	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.19	110	2.00	8.16	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	6.70	112	6.00	7.59	
Total BTEX	<0.300	0.300	07/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	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	07/20/2022	ND	193	96.4	200	0.00	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	183	91.4	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	112 9	% 43-149	1						
Surrogate: 1-Chlorooctadecane	119 9	42.5-16	1						

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Mite Sugar

Mike Snyder For 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:	07/18/2022	Sampling Date:	07/11/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 10 @ 1' (H223121-10)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2022	ND	2.09	105	2.00	8.82	
Toluene*	<0.050	0.050	07/21/2022	ND	2.17	109	2.00	8.65	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.19	110	2.00	8.16	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	6.70	112	6.00	7.59	
Total BTEX	<0.300	0.300	07/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	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	07/20/2022	ND	193	96.4	200	0.00	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	183	91.4	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	113 9	% 43-149)						
Surrogate: 1-Chlorooctadecane	120 9	42.5-16	1						

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Mike Snyder For 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:	07/18/2022	Sampling Date:	07/11/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 11 @ 1' (H223121-11)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2022	ND	2.09	105	2.00	8.82	
Toluene*	<0.050	0.050	07/21/2022	ND	2.17	109	2.00	8.65	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.19	110	2.00	8.16	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	6.70	112	6.00	7.59	
Total BTEX	<0.300	0.300	07/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	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	07/20/2022	ND	193	96.4	200	0.00	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	183	91.4	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	88.9	% 43-149)						
Surrogate: 1-Chlorooctadecane	94.9	% 42.5-16	1						

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Mike Snyder For 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:	07/18/2022	Sampling Date:	07/11/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 12 @ 1' (H223121-12)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2022	ND	2.09	105	2.00	8.82	
Toluene*	<0.050	0.050	07/21/2022	ND	2.17	109	2.00	8.65	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.19	110	2.00	8.16	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	6.70	112	6.00	7.59	
Total BTEX	<0.300	0.300	07/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	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	07/20/2022	ND	193	96.4	200	0.00	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	183	91.4	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	104 9	% 43-149)						
Surrogate: 1-Chlorooctadecane	110 9	42.5-16	1						

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Mike Snyder For 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:	07/18/2022	Sampling Date:	07/11/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 13 @ 1' (H223121-13)

BTEX 8021B	mg,	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2022	ND	2.09	105	2.00	8.82	
Toluene*	<0.050	0.050	07/21/2022	ND	2.17	109	2.00	8.65	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.19	110	2.00	8.16	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	6.70	112	6.00	7.59	
Total BTEX	<0.300	0.300	07/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	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	07/20/2022	ND	193	96.4	200	0.00	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	183	91.4	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	102	% 43-149)						
Surrogate: 1-Chlorooctadecane	108	42.5-16	1						

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Mike Snyder For 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:	07/18/2022	Sampling Date:	07/11/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 14 @ 1' (H223121-14)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2022	ND	2.09	105	2.00	8.82	
Toluene*	<0.050	0.050	07/21/2022	ND	2.17	109	2.00	8.65	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.19	110	2.00	8.16	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	6.70	112	6.00	7.59	
Total BTEX	<0.300	0.300	07/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	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	07/20/2022	ND	193	96.4	200	0.00	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	183	91.4	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	93.8	% 43-149)						
Surrogate: 1-Chlorooctadecane	99.6	% 42.5-16	1						

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Mike Snyder For 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:	07/18/2022	Sampling Date:	07/11/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 15 @ 1' (H223121-15)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2022	ND	2.09	105	2.00	8.82	
Toluene*	<0.050	0.050	07/21/2022	ND	2.17	109	2.00	8.65	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.19	110	2.00	8.16	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	6.70	112	6.00	7.59	
Total BTEX	<0.300	0.300	07/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	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	07/20/2022	ND	193	96.4	200	0.00	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	183	91.4	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	96.8	% 43-149)						
Surrogate: 1-Chlorooctadecane	102 9	42.5-16	1						

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Mike Snyder For 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:	07/18/2022	Sampling Date:	07/11/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 16 @ 1' (H223121-16)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2022	ND	2.09	105	2.00	8.82	
Toluene*	<0.050	0.050	07/21/2022	ND	2.17	109	2.00	8.65	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.19	110	2.00	8.16	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	6.70	112	6.00	7.59	
Total BTEX	<0.300	0.300	07/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	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	07/20/2022	ND	193	96.4	200	0.00	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	183	91.4	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	99.6	% 43-149)						
Surrogate: 1-Chlorooctadecane	106 9	42.5-16	1						

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Mike Snyder For 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:	07/18/2022	Sampling Date:	07/11/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 17 @ 1' (H223121-17)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2022	ND	2.09	105	2.00	8.82	
Toluene*	<0.050	0.050	07/21/2022	ND	2.17	109	2.00	8.65	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.19	110	2.00	8.16	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	6.70	112	6.00	7.59	
Total BTEX	<0.300	0.300	07/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	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	07/20/2022	ND	193	96.4	200	0.00	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	183	91.4	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	108 9	% 43-149)						
Surrogate: 1-Chlorooctadecane	115 %	42.5-16	1						

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Mike Snyder For 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:	07/18/2022	Sampling Date:	07/11/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 18 @ 1' (H223121-18)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2022	ND	2.09	105	2.00	8.82	
Toluene*	<0.050	0.050	07/21/2022	ND	2.17	109	2.00	8.65	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.19	110	2.00	8.16	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	6.70	112	6.00	7.59	
Total BTEX	<0.300	0.300	07/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	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	07/20/2022	ND	193	96.4	200	0.00	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	183	91.4	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	95.7	% 43-149)						
Surrogate: 1-Chlorooctadecane	103 9	42.5-16	1						

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Mike Snyder For 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:	07/18/2022	Sampling Date:	07/11/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 19 @ 1' (H223121-19)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2022	ND	2.09	105	2.00	8.82	
Toluene*	<0.050	0.050	07/21/2022	ND	2.17	109	2.00	8.65	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.19	110	2.00	8.16	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	6.70	112	6.00	7.59	
Total BTEX	<0.300	0.300	07/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	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	07/20/2022	ND	193	96.4	200	0.00	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	183	91.4	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	97.3	% 43-149)						
Surrogate: 1-Chlorooctadecane	103 9	% 42.5-16	1						

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Mike Snyder For 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:	07/18/2022	Sampling Date:	07/11/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 20 @ 1' (H223121-20)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2022	ND	2.09	105	2.00	8.82	
Toluene*	<0.050	0.050	07/21/2022	ND	2.17	109	2.00	8.65	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.19	110	2.00	8.16	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	6.70	112	6.00	7.59	
Total BTEX	<0.300	0.300	07/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	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	07/20/2022	ND	193	96.4	200	0.00	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	183	91.4	200	1.67	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	92.1	% 43-149)						
Surrogate: 1-Chlorooctadecane	98.8	% 42.5-16	1						

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Mite Sugar

Mike Snyder For 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:	07/18/2022	Sampling Date:	07/12/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 21 @ 1' (H223121-21)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	1.94	97.0	2.00	1.70	
Toluene*	<0.050	0.050	07/20/2022	ND	2.17	109	2.00	0.518	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	2.11	105	2.00	1.20	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.66	111	6.00	1.28	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	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	07/20/2022	ND	179	89.6	200	2.58	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	186	93.2	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	77.5	% 43-149)						
Surrogate: 1-Chlorooctadecane	85.6	% 42.5-16	1						

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Mike Snyder For 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:	07/18/2022	Sampling Date:	07/12/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 22 @ 1' (H223121-22)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	1.94	97.0	2.00	1.70	
Toluene*	<0.050	0.050	07/20/2022	ND	2.17	109	2.00	0.518	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	2.11	105	2.00	1.20	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.66	111	6.00	1.28	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	179	89.6	200	2.58	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	186	93.2	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	78.8	% 43-149)						
Surrogate: 1-Chlorooctadecane	88.2	% 42.5-16	1						

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Mike Snyder For 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:	07/18/2022	Sampling Date:	07/12/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 23 @ 1' (H223121-23)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	1.94	97.0	2.00	1.70	
Toluene*	<0.050	0.050	07/20/2022	ND	2.17	109	2.00	0.518	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	2.11	105	2.00	1.20	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.66	111	6.00	1.28	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	179	89.6	200	2.58	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	186	93.2	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	84.4	% 43-149)						
Surrogate: 1-Chlorooctadecane	<i>93.7</i>	% 42.5-16	1						

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Mike Snyder For 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:	07/18/2022	Sampling Date:	07/12/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 24 @ 1' (H223121-24)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	1.94	97.0	2.00	1.70	
Toluene*	<0.050	0.050	07/20/2022	ND	2.17	109	2.00	0.518	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	2.11	105	2.00	1.20	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.66	111	6.00	1.28	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	179	89.6	200	2.58	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	186	93.2	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	82.6	% 43-149)						
Surrogate: 1-Chlorooctadecane	91.6	% 42.5-16	1						

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Mike Snyder For 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:	07/18/2022	Sampling Date:	07/12/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 25 @ 1' (H223121-25)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	1.94	97.0	2.00	1.70	
Toluene*	<0.050	0.050	07/20/2022	ND	2.17	109	2.00	0.518	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	2.11	105	2.00	1.20	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.66	111	6.00	1.28	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	179	89.6	200	2.58	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	186	93.2	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	84.3	% 43-149)						
Surrogate: 1-Chlorooctadecane	95.3	% 42.5-16	1						

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Mike Snyder For 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:	07/18/2022	Sampling Date:	07/12/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 26 @ 1' (H223121-26)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	1.94	97.0	2.00	1.70	
Toluene*	<0.050	0.050	07/20/2022	ND	2.17	109	2.00	0.518	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	2.11	105	2.00	1.20	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.66	111	6.00	1.28	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	179	89.6	200	2.58	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	186	93.2	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	88.4	% 43-149)						
Surrogate: 1-Chlorooctadecane	100 9	42.5-16	1						

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Mike Snyder For 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:	07/18/2022	Sampling Date:	07/11/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 27 @ 1' (H223121-27)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	1.94	97.0	2.00	1.70	
Toluene*	<0.050	0.050	07/20/2022	ND	2.17	109	2.00	0.518	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	2.11	105	2.00	1.20	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.66	111	6.00	1.28	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	179	89.6	200	2.58	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	186	93.2	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	84.3	% 43-149)						
Surrogate: 1-Chlorooctadecane	96.2	% 42.5-16	1						

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Mike Snyder For 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:	07/18/2022	Sampling Date:	07/12/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 28 @ 1' (H223121-28)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	1.94	97.0	2.00	1.70	
Toluene*	<0.050	0.050	07/20/2022	ND	2.17	109	2.00	0.518	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	2.11	105	2.00	1.20	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.66	111	6.00	1.28	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	179	89.6	200	2.58	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	186	93.2	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	83.0	% 43-149)						
Surrogate: 1-Chlorooctadecane	94.1	% 42.5-16	1						

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Mike Snyder For 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:	07/18/2022	Sampling Date:	07/12/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 29 @ 1' (H223121-29)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	1.94	97.0	2.00	1.70	
Toluene*	<0.050	0.050	07/20/2022	ND	2.17	109	2.00	0.518	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	2.11	105	2.00	1.20	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.66	111	6.00	1.28	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	179	89.6	200	2.58	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	186	93.2	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	85.3	% 43-149)						
Surrogate: 1-Chlorooctadecane	96.7	% 42.5-16	1						

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Mike Snyder For 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:	07/18/2022	Sampling Date:	07/12/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 30 @ 1' (H223121-30)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	1.94	97.0	2.00	1.70	
Toluene*	<0.050	0.050	07/20/2022	ND	2.17	109	2.00	0.518	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	2.11	105	2.00	1.20	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.66	111	6.00	1.28	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	179	89.6	200	2.58	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	186	93.2	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	85.7	% 43-149)						
Surrogate: 1-Chlorooctadecane	96.5	% 42.5-16	1						

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Mite Sugar

Mike Snyder For 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:	07/18/2022	Sampling Date:	07/12/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 31 @ 1' (H223121-31)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	1.94	97.0	2.00	1.70	
Toluene*	<0.050	0.050	07/20/2022	ND	2.17	109	2.00	0.518	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	2.11	105	2.00	1.20	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.66	111	6.00	1.28	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	179	89.6	200	2.58	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	186	93.2	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	79.1 9	% 43-149)						
Surrogate: 1-Chlorooctadecane	88.0 9	42.5-16	1						

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Mike Snyder For 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:	07/18/2022	Sampling Date:	07/12/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 32 @ 1' (H223121-32)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	1.94	97.0	2.00	1.70	
Toluene*	<0.050	0.050	07/20/2022	ND	2.17	109	2.00	0.518	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	2.11	105	2.00	1.20	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.66	111	6.00	1.28	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	179	89.6	200	2.58	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	186	93.2	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	75.7	% 43-149)						
Surrogate: 1-Chlorooctadecane	86.0	% 42.5-16	1						

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Mike Snyder For 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:	07/18/2022	Sampling Date:	07/12/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 33 @ 1' (H223121-33)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	1.94	97.0	2.00	1.70	
Toluene*	<0.050	0.050	07/20/2022	ND	2.17	109	2.00	0.518	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	2.11	105	2.00	1.20	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.66	111	6.00	1.28	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	179	89.6	200	2.58	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	186	93.2	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	82.6	% 43-149)						
Surrogate: 1-Chlorooctadecane	92.8	% 42.5-16	1						

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Mike Snyder For 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:	07/18/2022	Sampling Date:	07/12/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 34 @ 1' (H223121-34)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	1.94	97.0	2.00	1.70	
Toluene*	<0.050	0.050	07/20/2022	ND	2.17	109	2.00	0.518	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	2.11	105	2.00	1.20	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.66	111	6.00	1.28	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	179	89.6	200	2.58	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	186	93.2	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	79.7	% 43-149)						
Surrogate: 1-Chlorooctadecane	89.5	% 42.5-16	1						

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Mike Snyder For 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:	07/18/2022	Sampling Date:	07/12/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 35 @ 1' (H223121-35)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	1.94	97.0	2.00	1.70	
Toluene*	<0.050	0.050	07/20/2022	ND	2.17	109	2.00	0.518	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	2.11	105	2.00	1.20	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.66	111	6.00	1.28	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	179	89.6	200	2.58	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	186	93.2	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	85.9 9	% 43-149)						
Surrogate: 1-Chlorooctadecane	97.4 9	42.5-16	1						

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Mike Snyder For 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:	07/18/2022	Sampling Date:	07/12/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 36 @ 1' (H223121-36)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	1.94	97.0	2.00	1.70	
Toluene*	<0.050	0.050	07/20/2022	ND	2.17	109	2.00	0.518	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	2.11	105	2.00	1.20	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.66	111	6.00	1.28	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	179	89.6	200	2.58	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	186	93.2	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	84.3 9	% 43-149)						
Surrogate: 1-Chlorooctadecane	95.2 9	42.5-16	1						

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Mike Snyder For 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:	07/18/2022	Sampling Date:	07/12/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 37 @ 1' (H223121-37)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	1.94	97.0	2.00	1.70	
Toluene*	<0.050	0.050	07/20/2022	ND	2.17	109	2.00	0.518	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	2.11	105	2.00	1.20	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.66	111	6.00	1.28	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	179	89.6	200	2.58	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	186	93.2	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	78.1	% 43-149)						
Surrogate: 1-Chlorooctadecane	86.2	% 42.5-16	1						

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Mike Snyder For 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:	07/18/2022	Sampling Date:	07/12/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 38 @ 1' (H223121-38)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	1.94	97.0	2.00	1.70	
Toluene*	<0.050	0.050	07/20/2022	ND	2.17	109	2.00	0.518	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	2.11	105	2.00	1.20	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.66	111	6.00	1.28	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	179	89.6	200	2.58	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	186	93.2	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	81.5	% 43-149)						
Surrogate: 1-Chlorooctadecane	92.1	% 42.5-16	1						

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Mike Snyder For 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:	07/18/2022	Sampling Date:	07/12/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 39 @ 1' (H223121-39)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2022	ND	1.94	97.0	2.00	1.70	
Toluene*	<0.050	0.050	07/20/2022	ND	2.17	109	2.00	0.518	
Ethylbenzene*	<0.050	0.050	07/20/2022	ND	2.11	105	2.00	1.20	
Total Xylenes*	<0.150	0.150	07/20/2022	ND	6.66	111	6.00	1.28	
Total BTEX	<0.300	0.300	07/20/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	179	89.6	200	2.58	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	186	93.2	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	79.4 9	% 43-149)						
Surrogate: 1-Chlorooctadecane	90.0 \$	% 42.5-16	1						

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Mike Snyder For 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:	07/18/2022	Sampling Date:	07/12/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 40 @ 1' (H223121-40)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2022	ND	2.08	104	2.00	3.38	
Toluene*	<0.050	0.050	07/21/2022	ND	2.33	117	2.00	4.86	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.26	113	2.00	3.21	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	7.12	119	6.00	3.28	
Total BTEX	<0.300	0.300	07/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	179	89.6	200	2.58	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	186	93.2	200	2.93	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	83.8	% 43-149)						
Surrogate: 1-Chlorooctadecane	93.8	% 42.5-16	1						

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Mike Snyder For 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:	07/18/2022	Sampling Date:	07/12/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 41 @ 1' (H223121-41)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2022	ND	2.08	104	2.00	3.38	
Toluene*	<0.050	0.050	07/21/2022	ND	2.33	117	2.00	4.86	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.26	113	2.00	3.21	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	7.12	119	6.00	3.28	
Total BTEX	<0.300	0.300	07/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	197	98.4	200	1.23	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	209	104	200	1.70	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	81.6	% 43-149)						
Surrogate: 1-Chlorooctadecane	82.7	% 42.5-16	1						

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Mike Snyder For 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:	07/18/2022	Sampling Date:	07/12/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 42 @ 1' (H223121-42)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2022	ND	2.08	104	2.00	3.38	
Toluene*	<0.050	0.050	07/21/2022	ND	2.33	117	2.00	4.86	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.26	113	2.00	3.21	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	7.12	119	6.00	3.28	
Total BTEX	<0.300	0.300	07/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	197	98.4	200	1.23	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	209	104	200	1.70	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	88.6	% 43-149)						
Surrogate: 1-Chlorooctadecane	84.8	% 42.5-16	1						

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Mike Snyder For 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:	07/18/2022	Sampling Date:	07/12/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 43 @ 1' (H223121-43)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2022	ND	2.08	104	2.00	3.38	
Toluene*	<0.050	0.050	07/21/2022	ND	2.33	117	2.00	4.86	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.26	113	2.00	3.21	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	7.12	119	6.00	3.28	
Total BTEX	<0.300	0.300	07/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	197	98.4	200	1.23	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	209	104	200	1.70	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	79.8	% 43-149)						
Surrogate: 1-Chlorooctadecane	74.2	% 42.5-16	1						

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Mike Snyder For 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:	07/18/2022	Sampling Date:	07/12/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 44 @ 1' (H223121-44)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2022	ND	2.08	104	2.00	3.38	
Toluene*	<0.050	0.050	07/21/2022	ND	2.33	117	2.00	4.86	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.26	113	2.00	3.21	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	7.12	119	6.00	3.28	
Total BTEX	<0.300	0.300	07/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	197	98.4	200	1.23	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	209	104	200	1.70	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	82.2	% 43-149)						
Surrogate: 1-Chlorooctadecane	76.5	% 42.5-16	1						

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Mike Snyder For 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:	07/18/2022	Sampling Date:	07/12/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 45 @ 1' (H223121-45)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2022	ND	2.08	104	2.00	3.38	
Toluene*	<0.050	0.050	07/21/2022	ND	2.33	117	2.00	4.86	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.26	113	2.00	3.21	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	7.12	119	6.00	3.28	
Total BTEX	<0.300	0.300	07/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	197	98.4	200	1.23	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	209	104	200	1.70	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	82.3	% 43-149)						
Surrogate: 1-Chlorooctadecane	81.7	% 42.5-16	1						

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Mike Snyder For 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:	07/18/2022	Sampling Date:	07/12/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 46 @ 1' (H223121-46)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2022	ND	2.08	104	2.00	3.38	
Toluene*	<0.050	0.050	07/21/2022	ND	2.33	117	2.00	4.86	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.26	113	2.00	3.21	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	7.12	119	6.00	3.28	
Total BTEX	<0.300	0.300	07/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	197	98.4	200	1.23	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	209	104	200	1.70	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	89.5	% 43-149)						
Surrogate: 1-Chlorooctadecane	83.8	% 42.5-16	1						

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Mike Snyder For 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:	07/18/2022	Sampling Date:	07/12/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 47 @ 1' (H223121-47)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2022	ND	2.08	104	2.00	3.38	
Toluene*	<0.050	0.050	07/21/2022	ND	2.33	117	2.00	4.86	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.26	113	2.00	3.21	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	7.12	119	6.00	3.28	
Total BTEX	<0.300	0.300	07/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/20/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	197	98.4	200	1.23	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	209	104	200	1.70	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	89.6	% 43-149)						
Surrogate: 1-Chlorooctadecane	80.7	% 42.5-16	1						

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Mike Snyder For 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:	07/18/2022	Sampling Date:	07/12/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 48 @ 1' (H223121-48)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2022	ND	2.08	104	2.00	3.38	
Toluene*	<0.050	0.050	07/21/2022	ND	2.33	117	2.00	4.86	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.26	113	2.00	3.21	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	7.12	119	6.00	3.28	
Total BTEX	<0.300	0.300	07/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	197	98.4	200	1.23	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	209	104	200	1.70	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	81.5 9	% 43-149)						
Surrogate: 1-Chlorooctadecane	77.6 9	% 42.5-16	1						

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Mike Snyder For 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:	07/18/2022	Sampling Date:	07/12/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 49 @ 1' (H223121-49)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2022	ND	2.08	104	2.00	3.38	
Toluene*	<0.050	0.050	07/21/2022	ND	2.33	117	2.00	4.86	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.26	113	2.00	3.21	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	7.12	119	6.00	3.28	
Total BTEX	<0.300	0.300	07/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	197	98.4	200	1.23	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	209	104	200	1.70	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	82.5 9	% 43-149)						
Surrogate: 1-Chlorooctadecane	74.6 9	% 42.5-16	1						

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Mike Snyder For 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:	07/18/2022	Sampling Date:	07/12/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 50 @ 1' (H223121-50)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2022	ND	2.08	104	2.00	3.38	
Toluene*	<0.050	0.050	07/21/2022	ND	2.33	117	2.00	4.86	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.26	113	2.00	3.21	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	7.12	119	6.00	3.28	
Total BTEX	<0.300	0.300	07/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	197	98.4	200	1.23	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	209	104	200	1.70	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	89.0	% 43-149)						
Surrogate: 1-Chlorooctadecane	78.7	% 42.5-16	1						

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Mike Snyder For 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:	07/18/2022	Sampling Date:	07/12/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 51 @ 1' (H223121-51)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2022	ND	2.08	104	2.00	3.38	
Toluene*	<0.050	0.050	07/21/2022	ND	2.33	117	2.00	4.86	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.26	113	2.00	3.21	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	7.12	119	6.00	3.28	
Total BTEX	<0.300	0.300	07/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	197	98.4	200	1.23	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	209	104	200	1.70	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	91.5	% 43-149)						
Surrogate: 1-Chlorooctadecane	84.9	% 42.5-16	1						

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Mite Sugar

Mike Snyder For 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:	07/18/2022	Sampling Date:	07/12/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 52 @ 1' (H223121-52)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2022	ND	2.08	104	2.00	3.38	
Toluene*	<0.050	0.050	07/21/2022	ND	2.33	117	2.00	4.86	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.26	113	2.00	3.21	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	7.12	119	6.00	3.28	
Total BTEX	<0.300	0.300	07/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	197	98.4	200	1.23	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	209	104	200	1.70	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	85.8	% 43-149)						
Surrogate: 1-Chlorooctadecane	77.0	% 42.5-16	1						

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Received:	07/18/2022	Sampling Date:	07/12/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 53 @ 1' (H223121-53)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2022	ND	2.08	104	2.00	3.38	
Toluene*	<0.050	0.050	07/21/2022	ND	2.33	117	2.00	4.86	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.26	113	2.00	3.21	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	7.12	119	6.00	3.28	
Total BTEX	<0.300	0.300	07/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	197	98.4	200	1.23	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	209	104	200	1.70	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	91.9	% 43-149)						
Surrogate: 1-Chlorooctadecane	83.5	% 42.5-16	1						

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Received:	07/18/2022	Sampling Date:	07/12/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 54 @ 1' (H223121-54)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2022	ND	2.08	104	2.00	3.38	
Toluene*	<0.050	0.050	07/21/2022	ND	2.33	117	2.00	4.86	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.26	113	2.00	3.21	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	7.12	119	6.00	3.28	
Total BTEX	<0.300	0.300	07/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	197	98.4	200	1.23	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	209	104	200	1.70	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	80.0	% 43-149)						
Surrogate: 1-Chlorooctadecane	72.2	% 42.5-16	1						

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Received:	07/18/2022	Sampling Date:	07/12/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 55 @ 1' (H223121-55)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2022	ND	2.08	104	2.00	3.38	
Toluene*	<0.050	0.050	07/21/2022	ND	2.33	117	2.00	4.86	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.26	113	2.00	3.21	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	7.12	119	6.00	3.28	
Total BTEX	<0.300	0.300	07/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	197	98.4	200	1.23	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	209	104	200	1.70	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	97.1	% 43-149)						
Surrogate: 1-Chlorooctadecane	88.5	% 42.5-16	1						

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Received:	07/18/2022	Sampling Date:	07/12/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 56 @ 1' (H223121-56)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2022	ND	2.08	104	2.00	3.38	
Toluene*	<0.050	0.050	07/21/2022	ND	2.33	117	2.00	4.86	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.26	113	2.00	3.21	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	7.12	119	6.00	3.28	
Total BTEX	<0.300	0.300	07/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	197	98.4	200	1.23	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	209	104	200	1.70	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	94.1	% 43-149)						
Surrogate: 1-Chlorooctadecane	84.4	% 42.5-16	1						

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Received:	07/18/2022	Sampling Date:	07/12/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 57 @ 1' (H223121-57)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2022	ND	2.08	104	2.00	3.38	
Toluene*	<0.050	0.050	07/21/2022	ND	2.33	117	2.00	4.86	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.26	113	2.00	3.21	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	7.12	119	6.00	3.28	
Total BTEX	<0.300	0.300	07/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	197	98.4	200	1.23	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	209	104	200	1.70	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	97.8	% 43-149)						
Surrogate: 1-Chlorooctadecane	88.6	% 42.5-16	1						

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Received:	07/18/2022	Sampling Date:	07/12/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 58 @ 1' (H223121-58)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2022	ND	2.08	104	2.00	3.38	
Toluene*	<0.050	0.050	07/21/2022	ND	2.33	117	2.00	4.86	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.26	113	2.00	3.21	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	7.12	119	6.00	3.28	
Total BTEX	<0.300	0.300	07/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	197	98.4	200	1.23	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	209	104	200	1.70	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	95.6 9	% 43-149							
Surrogate: 1-Chlorooctadecane	88.4 9	42.5-16	1						

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Received:	07/18/2022	Sampling Date:	07/12/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 59 @ 1' (H223121-59)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2022	ND	2.08	104	2.00	3.38	
Toluene*	<0.050	0.050	07/21/2022	ND	2.33	117	2.00	4.86	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.26	113	2.00	3.21	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	7.12	119	6.00	3.28	
Total BTEX	<0.300	0.300	07/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	197	98.4	200	1.23	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	209	104	200	1.70	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	98.3 9	% 43-149)						
Surrogate: 1-Chlorooctadecane	88.2	42.5-16	1						

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Received:	07/18/2022	Sampling Date:	07/12/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 60 @ 1' (H223121-60)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2022	ND	2.06	103	2.00	8.01	
Toluene*	<0.050	0.050	07/21/2022	ND	2.28	114	2.00	9.82	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.18	109	2.00	9.66	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	6.81	114	6.00	9.78	
Total BTEX	<0.300	0.300	07/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	197	98.4	200	1.23	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	209	104	200	1.70	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	91.6 9	% 43-149)						
Surrogate: 1-Chlorooctadecane	81.8 9	42.5-16	1						

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Received:	07/18/2022	Sampling Date:	07/12/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 61 @ 1' (H223121-61)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2022	ND	2.06	103	2.00	8.01	
Toluene*	<0.050	0.050	07/21/2022	ND	2.28	114	2.00	9.82	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.18	109	2.00	9.66	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	6.81	114	6.00	9.78	
Total BTEX	<0.300	0.300	07/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/20/2022	ND	181	90.6	200	5.23	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	178	88.9	200	0.00282	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	96.0	% 43-149)						
Surrogate: 1-Chlorooctadecane	105 9	42.5-16	1						

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Received:	07/18/2022	Sampling Date:	07/12/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 62 @ 1' (H223121-62)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2022	ND	2.06	103	2.00	8.01	
Toluene*	<0.050	0.050	07/21/2022	ND	2.28	114	2.00	9.82	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.18	109	2.00	9.66	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	6.81	114	6.00	9.78	
Total BTEX	<0.300	0.300	07/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/20/2022	ND	432	108	400	3.64	
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	07/20/2022	ND	181	90.6	200	5.23	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	178	88.9	200	0.00282	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	94.5	% 43-149)						
Surrogate: 1-Chlorooctadecane	102 9	42.5-16	1						

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Mite Sugar

Mike Snyder For 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:	07/18/2022	Sampling Date:	07/12/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 63 @ 1' (H223121-63)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2022	ND	2.06	103	2.00	8.01	
Toluene*	<0.050	0.050	07/21/2022	ND	2.28	114	2.00	9.82	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.18	109	2.00	9.66	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	6.81	114	6.00	9.78	
Total BTEX	<0.300	0.300	07/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/20/2022	ND	432	108	400	3.64	
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	07/20/2022	ND	181	90.6	200	5.23	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	178	88.9	200	0.00282	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	88.7	% 43-149)						
Surrogate: 1-Chlorooctadecane	94.3	% 42.5-16	1						

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Mike Snyder For 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:	07/18/2022	Sampling Date:	07/12/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 64 @ 1' (H223121-64)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2022	ND	2.06	103	2.00	8.01	
Toluene*	<0.050	0.050	07/21/2022	ND	2.28	114	2.00	9.82	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.18	109	2.00	9.66	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	6.81	114	6.00	9.78	
Total BTEX	<0.300	0.300	07/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	ND	432	108	400	3.64	
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	07/20/2022	ND	181	90.6	200	5.23	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	178	88.9	200	0.00282	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	93 .7 9	% 43-149)						
Surrogate: 1-Chlorooctadecane	98.4 9	42.5-16	1						

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Mike Snyder For 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:	07/18/2022	Sampling Date:	07/12/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 65 @ 1' (H223121-65)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2022	ND	2.06	103	2.00	8.01	
Toluene*	<0.050	0.050	07/21/2022	ND	2.28	114	2.00	9.82	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.18	109	2.00	9.66	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	6.81	114	6.00	9.78	
Total BTEX	<0.300	0.300	07/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	ND	432	108	400	3.64	
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	07/20/2022	ND	181	90.6	200	5.23	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	178	88.9	200	0.00282	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	81.5	% 43-149)						
Surrogate: 1-Chlorooctadecane	84.0	% 42.5-16	1						

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Mike Snyder For 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:	07/18/2022	Sampling Date:	07/12/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 66 @ 1' (H223121-66)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2022	ND	2.06	103	2.00	8.01	
Toluene*	<0.050	0.050	07/21/2022	ND	2.28	114	2.00	9.82	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.18	109	2.00	9.66	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	6.81	114	6.00	9.78	
Total BTEX	<0.300	0.300	07/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	ND	432	108	400	3.64	
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	07/20/2022	ND	181	90.6	200	5.23	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	178	88.9	200	0.00282	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	92.7	% 43-149)						
Surrogate: 1-Chlorooctadecane	97.3	% 42.5-16	1						

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Mike Snyder For 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:	07/18/2022	Sampling Date:	07/12/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 67 @ 1' (H223121-67)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2022	ND	2.06	103	2.00	8.01	
Toluene*	<0.050	0.050	07/21/2022	ND	2.28	114	2.00	9.82	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.18	109	2.00	9.66	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	6.81	114	6.00	9.78	
Total BTEX	<0.300	0.300	07/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	ND	432	108	400	3.64	
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	07/20/2022	ND	181	90.6	200	5.23	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	178	88.9	200	0.00282	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	102 9	% 43-149)						
Surrogate: 1-Chlorooctadecane	107 9	42.5-16	1						

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Mike Snyder For 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:	07/18/2022	Sampling Date:	07/12/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 68 @ 1' (H223121-68)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2022	ND	2.06	103	2.00	8.01	
Toluene*	<0.050	0.050	07/21/2022	ND	2.28	114	2.00	9.82	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.18	109	2.00	9.66	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	6.81	114	6.00	9.78	
Total BTEX	<0.300	0.300	07/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	ND	432	108	400	3.64	
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	07/20/2022	ND	181	90.6	200	5.23	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	178	88.9	200	0.00282	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	93.0	% 43-149)						
Surrogate: 1-Chlorooctadecane	98.7	% 42.5-16	1						

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Mike Snyder For 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:	07/18/2022	Sampling Date:	07/12/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 69 @ 1' (H223121-69)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2022	ND	2.06	103	2.00	8.01	
Toluene*	<0.050	0.050	07/21/2022	ND	2.28	114	2.00	9.82	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.18	109	2.00	9.66	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	6.81	114	6.00	9.78	
Total BTEX	<0.300	0.300	07/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	ND	432	108	400	3.64	
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	07/20/2022	ND	181	90.6	200	5.23	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	178	88.9	200	0.00282	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	91.4	% 43-149)						
Surrogate: 1-Chlorooctadecane	98.1	% 42.5-16	1						

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Mike Snyder For 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:	07/18/2022	Sampling Date:	07/12/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 70 @ 1' (H223121-70)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2022	ND	2.06	103	2.00	8.01	
Toluene*	<0.050	0.050	07/21/2022	ND	2.28	114	2.00	9.82	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.18	109	2.00	9.66	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	6.81	114	6.00	9.78	
Total BTEX	<0.300	0.300	07/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	ND	432	108	400	3.64	
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	07/20/2022	ND	181	90.6	200	5.23	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	178	88.9	200	0.00282	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	96.5	% 43-149)						
Surrogate: 1-Chlorooctadecane	100 9	42.5-16	1						

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Mike Snyder For 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:	07/18/2022	Sampling Date:	07/12/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 71 @ 1' (H223121-71)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2022	ND	2.06	103	2.00	8.01	
Toluene*	<0.050	0.050	07/21/2022	ND	2.28	114	2.00	9.82	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.18	109	2.00	9.66	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	6.81	114	6.00	9.78	
Total BTEX	<0.300	0.300	07/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	ND	432	108	400	3.64	
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	07/20/2022	ND	181	90.6	200	5.23	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	178	88.9	200	0.00282	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	84.9	% 43-149)						
Surrogate: 1-Chlorooctadecane	90.5	% 42.5-16	1						

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Mike Snyder For 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:	07/18/2022	Sampling Date:	07/12/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 72 @ 1' (H223121-72)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2022	ND	2.06	103	2.00	8.01	
Toluene*	<0.050	0.050	07/21/2022	ND	2.28	114	2.00	9.82	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.18	109	2.00	9.66	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	6.81	114	6.00	9.78	
Total BTEX	<0.300	0.300	07/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	ND	432	108	400	3.64	
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	07/20/2022	ND	181	90.6	200	5.23	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	178	88.9	200	0.00282	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	91.4	% 43-149)						
Surrogate: 1-Chlorooctadecane	95.1	% 42.5-16	1						

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Mike Snyder For 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:	07/18/2022	Sampling Date:	07/12/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: SW 1 (H223121-73)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2022	ND	2.06	103	2.00	8.01	
Toluene*	<0.050	0.050	07/21/2022	ND	2.28	114	2.00	9.82	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.18	109	2.00	9.66	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	6.81	114	6.00	9.78	
Total BTEX	<0.300	0.300	07/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	ND	432	108	400	3.64	
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	07/20/2022	ND	181	90.6	200	5.23	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	178	88.9	200	0.00282	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	90.3	% 43-149)						
Surrogate: 1-Chlorooctadecane	93.8	% 42.5-16	1						

Cardinal Laboratories

*=Accredited Analyte

Mite Sugar

Mike Snyder For 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:	07/18/2022	Sampling Date:	07/12/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: SW 2 (H223121-74)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2022	ND	2.06	103	2.00	8.01	
Toluene*	<0.050	0.050	07/21/2022	ND	2.28	114	2.00	9.82	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.18	109	2.00	9.66	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	6.81	114	6.00	9.78	
Total BTEX	<0.300	0.300	07/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	ND	432	108	400	3.64	
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	07/20/2022	ND	181	90.6	200	5.23	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	178	88.9	200	0.00282	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	102 9	% 43-149							
Surrogate: 1-Chlorooctadecane	107 9	42.5-16	1						

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*=Accredited Analyte

Mite Sugar

Mike Snyder For 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:	07/18/2022	Sampling Date:	07/12/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: SW 3 (H223121-75)

BTEX 8021B	mg,	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2022	ND	2.06	103	2.00	8.01	
Toluene*	<0.050	0.050	07/21/2022	ND	2.28	114	2.00	9.82	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.18	109	2.00	9.66	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	6.81	114	6.00	9.78	
Total BTEX	<0.300	0.300	07/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	ND	432	108	400	3.64	
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	07/20/2022	ND	181	90.6	200	5.23	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	178	88.9	200	0.00282	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	95.6	% 43-149							
Surrogate: 1-Chlorooctadecane	99.9	% 42.5-16	1						

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*=Accredited Analyte

Mite Sugar

Mike Snyder For 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:	07/18/2022	Sampling Date:	07/12/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: SW 4 (H223121-76)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2022	ND	2.06	103	2.00	8.01	
Toluene*	<0.050	0.050	07/21/2022	ND	2.28	114	2.00	9.82	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.18	109	2.00	9.66	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	6.81	114	6.00	9.78	
Total BTEX	<0.300	0.300	07/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	ND	432	108	400	3.64	
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	07/20/2022	ND	181	90.6	200	5.23	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	178	88.9	200	0.00282	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	96.2	% 43-149	1						
Surrogate: 1-Chlorooctadecane	102 9	% 42.5-16	1						

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Mite Sugar

Mike Snyder For 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:	07/18/2022	Sampling Date:	07/12/2022
Reported:	07/22/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	BATT (2/22/15)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: SW 5 (H223121-77)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/21/2022	ND	2.06	103	2.00	8.01	
Toluene*	<0.050	0.050	07/21/2022	ND	2.28	114	2.00	9.82	
Ethylbenzene*	<0.050	0.050	07/21/2022	ND	2.18	109	2.00	9.66	
Total Xylenes*	<0.150	0.150	07/21/2022	ND	6.81	114	6.00	9.78	
Total BTEX	<0.300	0.300	07/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/20/2022	ND	432	108	400	3.64	
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	07/20/2022	ND	181	90.6	200	5.23	
DRO >C10-C28*	<10.0	10.0	07/20/2022	ND	178	88.9	200	0.00282	
EXT DRO >C28-C36	<10.0	10.0	07/20/2022	ND					
Surrogate: 1-Chlorooctane	98.2	% 43-149	1						
Surrogate: 1-Chlorooctadecane	102 9	% 42.5-16	1						

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Mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

Cardinal Laboratories

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Mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



city: Hobbs Address: P.O. Box 805 Project Manager: Cliff Brunson Company Name: BBC International, Inc. Project Name: SDS 11 FEDERAL 1 SWD BATT (2/22/15) Phone #: 575-397-6388 Project Location: Project #: Sampler Name: Relinquished By: Relinquished By Lab I.D. OR LAB USE ONLY EASE NOTE: Delivered By: (Circle One) yses All In no 32 eral C (V) (505) 393-2326 FAX (505) 393-2476 BOTTOM SAMPLE 4 @ 1' BOTTOM SAMPLE 3 @ 1' BOTTOM SAPMLE 1@ 1' BOTTOM SAMPLE 6 @ BOTTOM SAMPLE 7 @ BOTTOM SAMPLE 5 @ BOTTOM SAMPLE 2 @ 1' BOTTOM SAMPLE 9 @ 1' BOTTOM SAMPLE 8 @ BOTTOM SAMPLE 10 @ SIMON RENDON New Mexico Sample I.D. 3 Project Owner: Oxy Fax #: Date: 7/8-22 State: NM Date: 18-22 Time: Optwo Time: ----575-397-0397 ŝ Zip: (G)RAB OR (C)OMP Received By Received # CONTAINERS 88241 GROUNDWATER By WASTEWATER Cool Intact Cool Sample Condition MATRIX made in SOIL OIL writing and SLUDGE City: P.O. #: State: Attn: Fax #: Company: OTHER Phone #: Address: 10.550 Dur ACID/BASE PRESERV 90 09 ICE / COOL CHECKED BY BILL TO OTHER (Initials) Oxy Zip 7/11/22 7/11/22 7/11/22 7/11/22 7/11/22 7/11/22 7/11/22 7/11/22 7/11/22 7/11/22 DATE SAMPLING 30 days after completion of the ap by client, its subsidiaries 12:01PM 11:43AM 11:35AM 12:37PM 12:21PM 12:08PM 12:48PM 12:30PM 1:07PM 12:57PM an for REMARKS: Fax Result: Phone Result: TIME nide Daple Yes No ANALYSIS Add'l Phone # Add'l Fax #: REQUEST

Sampler - UPS - Bus - Other:

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

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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

nc)	505) 393-2320 FMA (500) 393-2710					ANAI YSIS REQUEST
Company Name: E	BBC International, Inc.		BILL TO			
Project Manager: (Cliff Brunson		P.O. #:			
Address: P.O. Bo	Box 805		Company: Oxy		_	
city: Hobbs	State: NM	Zip: 88241	Attn:			
Phone #: 575-397-6388	Fax #:	575-397-0397	Address:			
Project #:	Project C		City:		_	
ame:	SDS 11 FEDERAL 1 SWD BATT (2/22/15)		State: Zip:		_	
	New Mexico		Phone #:			
	SIMON RENDON		Fax #:	2	-	
Sampler Name:	SIMON RENDON	MATRIX	PRESERV SAMPLING	NG	T	
FOR LAB USE ONLY		S ER R		nio	EX	
Lab I.D.	Sample I.D.		HER : ID/BASE: E / COOL HER :	chlo	BT E	
H223121	BOTTOM SADMIE 11 @ 1'	# 0 GF W/ SC OI		1:16PM 🗸	~ ~	
-	9(7/11/22	1:24PM	~ ~	
1			7/11/22	1:35PM	1 1	
	90		7/11/22	1:45PM 🗸	~ ~	
1	BOTTOM SAMPLE 15 @ 1'		7/11/22	1:54PM V	~ ~	
16 B	BOTTOM SAMPLE 16 @ 1'		7/11/22	2:08PM	~ ~	
-			7/11/22	2:15PM 🗸	~ ~	
I V	BOTTOM SAMPLE 18 @ 1'		7/11/22	2:26PM V	~ ~	
19 B	BOTTOM SAMPLE 19 @ 1'		7/11/22	2:37PM V	~ ~	
20	BOTTOM SAMPLE 20 @ 1'		7/11/22	2:45PM	~ ~	
PLEASE NOTE: Liability and E analyses All claims including to		Jedy for any claim againg whether cases in contrast or for, small shall be deemed waived unless made in writing and received t include without limitation business interruptions, loss of use.	and received by Cardinal within 30 days after completion of the a and received by Cardinal within 30 days after completion of the a rs, loss of use, prepose of profits incurred by client, its subsidiaries	ter completion of the applica client, its subsidiaries,	able	
service in no event shall Card affiliates or successors arising i	service. In no event shall Cardinal be liable for inodental or corsequental damages, inclusion attilates or successors arising out of or related to the performance of services hereunder by	/ Cardinal, regardless of whether such claim	3	Phone Result:	Yes D	Add'l Phone #:
Relinguished By:	Time 8/1		Herry	Fax Result: REMARKS:	Yes No	Add'l Fax #:
Relinguished By:	allerry Times 40	Received By:	HON CHECKED BY:			
Sampler - UPS - Bus - Other:	Bus - Other: 0,42 (1-	4/12 Pres Pres	_			
	00.00	of for written channes to	505-393-2476			
† Cardinal c	Cardinal cannot accept verbal changes. Please tax written changes to pup-393-2410	se tax written changes to	012-222-2410			



	(505) 393-2326 FAX (505) 393-2476	5	BILL TO		-	ANALYSIS REQUEST	
Company Name:	BBC International, Inc.		BILL IU	-	-		
Project Manager	Project Manager: Cliff Brunson		P.O. 来				_
Address: P.O.	P.O. Box 805		Company: Oxy				
city: Hobbs	State: NM	Zip: 88241	Attn:				
Phone #: 575-397-6388	Fax #:	575-397-0397	Address:	-			
Project #:		r: Oxy	City:				
rioject	CDC 11 EEDERAL 1 SWD BATT (2/22/15)	(2/22/15)	State: Zip:				_
Project Name:	SUS IT FEDERAL TOWE COM						
Project Location:	n: New Mexico		Phone #:		Г		_
Campler Name:	SIMON RENDON		Fax #:		r		_
Sampler Name.		MATRIX	PRESERV. SAMPLING	ING			
Lab I.D.	Sample I.D.		R : BASE: COOL	hlora	TEX		
1012WH		GRO	отн	TIME	7		
1000000	BOTTOM SAMPLE 21 @ 1	2	1	8:35AM	~ ~		
Le la	9(-	7/12/22	8:43AM 🗸	~ ~		
202			7/12/22	8:54AM	~ ~		
200			7/12/22	9:10AM	~ ~		
10			7/12/22	9:18AM V	~ ~		
200			7/12/22	9:27AM			
ne ne			7/12/22	9:40AM	V V		
20			7/12/22	-	~ ~		
300	BOTTOM SAMPLE 29 @ 1'		7/12/22	-	~ ~		
30	BOTTOM SAMPLE 30 @ 1'		27.72	V INNCI: UT	I V I V I		
PLEASE NOTE: Liability analyses All claims inclu	PLEASE NOTE: Liability and Damages. Candinal's liability and client's exclusive remedy for any daim day whether based in contract or tori, strain ore limited to use announce peer of the applicable analyses. All claims including these for negligence and any other cause what be exercised waves unless made in writing and recovered by Cardinal Without So days after completion of the applicable analyses. All claims including these for negligence and any other cause writing without initiation, biserse interruptions, loss of use of loss of profits incurred by client, its subsidiaries, analyses. All claims including these for negligence and any other cause writing without initiation, biserses interruptions, loss of use of profits incurred by client, its subsidiaries,	remedy for any claim alising whether based in contra wer shall be deemed waived unless made in writing a pes, including without limitation, business interruption	fsing whether based in contract or tort, shall be immed to one answer weed unless made in writing and received by Cardinal within 30 days relation, business interruptions, loss of use, or loss of profits incurred	after completion of the app by client, its subsidiaries.	slicable		
affinates or successors arisin Relinquished By	By: By: Time: J. W. And A. S.	1900 MM Alach	m is based uppn any of the access states	Fax Result: REMARKS:	: [] Yes [] No	Add'l Phone #: Add'l Fax #:	
Relinquished By	altena	Date; 10-22 Received By:	allally	7			
Delivered B	ircle One) par	2.60	t CHECKED BY:				
Sampler - UP		H/2 Pres Pres					
our indupe	10.	Don D C/Ht	No				

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



(5	(505) 393-2326 FAX (505) 393-2476	5				ANALYSIS REOLIEST	
Company Name:			BILL TO			ANALI SIS REASES	-
Project Manager:	Cliff Brunson		P.O. #:				_
Address: P.O. Box 805	3ox 805		Company: Oxy				_
city: Hobbs	State: NM	Zip: 88241	Attn:				_
Phone #: 575-39	575-397-6388 Fax #: 575	575-397-0397	Address:				_
		r: Oxy	City:				_
Deviant Name: S	Project Name: SDS 11 FEDERAL 1 SWD BATT (2/22/15)	(2/22/15)	State: Zip:				_
r toject instinut	New Mexico		Phone #:				
Fluject Location.			Fax #:	e	7		_
Sampler Name:	SIMON RENDON	MATRIX	PRESERV SAMPLING	NG L	X		
FOR LAB USE OWLY	Sample I.D.)RAB OR (C)OMP. CONTAINERS ROUNDWATER ASTEWATER DIL IL LUDGE		Chloric	BTEX TP4E		
12 POL	BOTTOM SAMPLE 31 @ 1	7	7	10:26AM	~ ~		
Jul C	BOTTOM SAMPLE 32 @ 1'	- 4	7/12/22	10:38AM	× ×		
-	BOTTOM SAMPLE 33 @ 1'		7/12/22	WINIC:UT	~ ~		
-	BOTTOM SAMPLE 34 @ 1'		1112122	11.017 MIN			
es.	0		2717111	11.147M	1 1		
36			7/12/22	11:41AM 🗸	< <		
10/	BOTTOM SAMPLE 38 @ 1		7/12/22	11:52AM	~ ~		
2C			7/12/22	12:15PM 🗸	< <		
20			1 7/12/22	12:27PM 1	1 1		-
PLEASE NOTE: Liability an analyses. All claims includin	PLEASE NOTE: Luality and Damages Cardinate luality and clearly experience of the advent for any clearn arising whether based in contract or tork shall be limited to the amount paid by the clearly for any clearn arising whether based in contract or tork shall be limited to the amount paid by the clearly for any clearn arising whether based in contract or tork shall be limited to the amount paid by the clearly for any clearn arising whether based in contract or tork shall be limited to the amount paid by the clearly for any clearn arising whether based in writing and received by Cardinal writin 30 days after completion of the explicities areas any clearn arising whether based in writing and received by Cardinal writin 30 days after completion of the explicities areas areas interruptions, loss of use or torks arc prior by clearly the substituties.	lent's exclusive remedy for any claim arising whether based in contract or tort, sha cause whatsceiver shall be deemed waived unless made in writing and received b cause whatsceiver shall be deemed waived unless made in writing to be an exclusion.	In contract or tort, shall be limited to the amount paid by the client for the writing and received by Cardinal within 30 days after completion of the a smutches, loss of use, or loss of profits incurred by client, its subsidiaries	ant paid by the client for the ys after completion of the applica of by client, its subsidiaries.	able		
Relinquished By	out of or related to the performance	Received By:	n is bayled goon any of the above stated	Phone Result: Fax Result: REMARKS:	□Yes □No □Yes □No	Add'I Phone #: Add'I Fax #:	
Relinquished By:	ellotha	Received	I all				
Delivered By	Delivered By: (Circle One) 0.92 C-	O.C.C. Cool Intact	(Initials)				
Sampler - UPS -	Bus - Other:	HIJ INO NO NO	A				

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

mnany Name	a. DDC International Inc		BILL TO			ANAI VSIS DEDIIEST
oject Manage	Project Manager: Cliff Brunson			_	_	
Address: P.O	P.O. Box 805		Company: Oxy			
city: Hobbs	State: NM	Zip: 88241	Attn:			
Phone #: 575-	575-397-6388 Fax #: 57!	575-397-0397	Address:		_	
Project #:	õ	ar: Oxy	City:			
ame:	SDS 11 FEDERAL 1	(2/22/15)	State: Zip:		_	
Project Location:	on: New Mexico		Phone #:		~	
Sampler Name:	SIMON RENDON		Fax #:	,	e 17	
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING		1	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OM # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	ACID/BASE: ICE / COOL OTHER :	TIME	Chlar BTEY TPHL	
4	BOTTOM SAMPLE 41 @ 1'	7	7	12:38PM	1 1 1	
47	BOTTOM SAMPLE 42 @ 1'		7/12/22	12:48PM	1 1 1	
54	BOTTOM SAMPLE 43 @ 1'		7/12/22	12:56PM v	1 1 1	
44			7/12/22	1:08PM	1 1 1	
24	BOTTOM SAMPLE 45 @ 1'		7/12/22	1:16PM v	1 1 1	
46	BOTTOM SAMPLE 46 @ 1'		7/12/22	1:27PM	1 1 1	
47	BOTTOM SAMPLE 47 @ 1'		7/12/22	1:35PM	1 1 1	
84	BOTTOM SAMPLE 48 @ 1		7/12/22	1:43PM	1 1 1	
64	BOTTOM SAMPLE 49 @ 1'		7/12/22	1:49PM	1 1 1	
PLEASE NOTE: Liability a	BOTTOM SAMPLE 50 @ 1'	edy for any claim arising whether based in contract or fort, shall be limited to the	am 22	22 1:56PM	1 1 1	
liyses. All claims inclus vice. In no event shall u ates or successors and	integro. Converse a manny anti-covina e scoutere rise ose for negligence and any other cause whatsoever al be liable for incidental or consequental damages, d of or related to the performance of services hereiu	 e deemed waived unless made in writing and receing without limitation, business interruptions, loss on gwithout limitation, business miterruptions, loss of cardinal, recordiness of whether such claim is basis. 	and received by Cardinal within 30 days aft s. loss of use, or loss of profits incurred by m is based upon any of the above stated in	ardinal within 30 days after completion of the ap logs of profits incurred by client, its subsidiaries, any of the above stated reasons or otherwise.	plicable	
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Sampler - IIPS	Bu Ching and					

Received by OCD: 10/5/2022 4:05:20 PM

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



(505	(505) 393-2326 FAX (505) 393-2476						OHEST	
Company Name: B	BBC International, Inc.		BILL TO			ANALISIS NE	NEWOLO I	
Project Manager: Cliff Brunson	liff Brunson	4	P.O. #:					
Address: P.O. Box 805	x 805	0	Company: Oxy					
city: Hobbs	State: NM	Zip: 88241 A	Attn:					
Phone #: 575-397-6388	Fax #:	575-397-0397 A	Address:			_		
Proiect #:			City:			_		
ame:	SDS 11 FEDERAL 1 SWD BATT (2/22/15)		State: Zip:					
Project Location:	New Mexico		Phone #:	0				
	SIMON RENDON	7	1					
		MATRIX	PRESERV. SAMPLING		X	_		_
Lab I.D.	Sample I.D.	(G)RAB OR (C)OM # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER : ACID/BASE: ICE / COOL OTHER : DATE	TIME Chlor	BTE			
57 BC	BOTTOM SAMPLE 51 @ 1'	-	V 7/12/22	2:04PM V	~ ~			
J BO	BOTTOM SAMPLE 52 @ 1'		7/12/22	2:10PM V	~ ~			
S BC	BOTTOM SAMPLE 53 @ 1'		7/12/22	2:17PM V	~ ~			
A BC	BOTTOM SAMPLE 54 @ 1'		1112122	Z:ZSPM V	V V			
SS BO	BOTTOM SAMPLE 55 @ 1'		7/12/22	2:30PM V	~ ~			
S6 BC	BOTTOM SAMPLE 56 @ 1'		7/12/22	2:38PM /	~ ~			
57 B(BOTTOM SAMPLE 57 @ 1'		77/71/1	2.40FWI Y	× ×			
58 BC	BOTTOM SAMPLE 58 @ 1'		7/12/22	Z:STPM V	~ ~			
59 BO	BOTTOM SAMPLE 59 @ 1'	-	7112122	2:07PM V	< <			
-	(2) T	dv for any claim adsing whether based in contract (act or tort, shall be limited to the amount paid by the client for the	aid by the client for the				
PLEASE NOTE: Liability and Damages. Calonian's liability and analyses. All claims including those for negligence and any oth service. In no event shall Cardinal be liable for incidental or con-	and any other cause whatsoever dental or consequental damages		and unless made in writing and received by Cardinal writin 30 days after completion of the applicable nutrition. biseness interruptions, loss of use/ ar loss of profits incurred by client, its subsidiaries, survivore of unentries which can be apply and the applicable training to the applicable survivore of unentries which can be apply and the applicable training to the applicable survivore of unentries.	ter completion of the appli / dient, its subsidiaries, reasons or otherwise.	cable			
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Sampler - UPS -	Bus - Other: 0,3c	ON DON D C/H	10,					

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



	505) 393-2326 FAX (505) 393-2476						
Company Name:			BILL TO			ANALYSIS REQUEST	-
Project Manager:	Cliff Brunson		P.O. #:				
Address: P.O.	ω.		Company: Oxy				
city: Hobbs	State: NM	Zip: 88241	Attn:				_
Phone #: 575-3	575-397-6388 Fax #: 575-	575-397-0397	Address:				
Project #:	Project Owner: Oxy	Oxy	City:				
Project Name: S	Project Name: SDS 11 FEDERAL 1 SWD BATT (2/22/15)	2/22/15)	State: Zip:				
Project Location:	New Mexico		Phone #:	0	-		
Complex Name:	SIMON BENDON		Fax #:	I	T		_
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING	LING	X		_
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER : ACID/BASE: ICE / COOL OTHER :		BTE TPHE		
1 and all	BOTTOM SAMPLE 61 @ 1'	1	· 7/12/22	3:12PM 🗸	~ ~		
61		- 6	7/12/22	3:19PM 🗸	< <		
1.3	BOTTOM SAMPLE 63 @ 1'		7/12/22	3:26PM 🗸	~ ~		
100	BOTTOM SAMPLE 64 @ 1'		7/12/22	1	~ ~		
65	BOTTOM SAMPLE 65 @ 1'		7/12/22	-	~ ~		
66			7/12/22	-	~ ~		
101			7/12/22		~ ~		
201			7/12/22	4:04PM 🗸	~ ~		
100			7/12/22	4:10PM V	< <		
11	70	-	7/12/22	4:15PM 🗸	1 1 1		
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† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476



	(505) 393-2326 FAX (505) 393-2476	6				ANALYSIS REQUEST	
Company Name:	BBC International, Inc.		BILL TO		-		-
Project Manager:	 Cliff Brunson 	q	P.O. #:				
Address: P.O.	w l	C	Company: Oxy				
city: Hobbs	State: NM	Zip: 88241 At	Attn:				
Phone #: 575-:	575-397-6388 Fax #: 575	575-397-0397 Ac	Address:				
Project #:	Project C		City:				
Project Name:	Project Name: SDS 11 FEDERAL 1 SWD BATT (2/22/15)		State: Zip:		_		
Project Location:	n: New Mexico	P	Phone #:	le			
a super-		F	Fax #:				
FOR LABUSE 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 :		BIEX		
16 Watt	BOTTOM SAMPLE 71 @ 1'	5	7112/22	4:15PM 🗸	~ ~		
11	BOTTOM SAMPLE 72 @ 1'		7/12/22	4:22PM 🗸	~ ~		
El	SW 1		7/12/22	4:28PM V	~ ~		
44	SW 2		1172122	4:351/11	V V		
54	SW 3		7/12/22	4:42PM V	~ ~		
24	SW 4		7/12/22	4:52PM	~ ~		
11	SW 5	-	7/12/22	4:5/PM	<		
		to exclusive remode for and claim anticing whether based in contract or tort, shall be limited to the amount paid by the client for the	r tort, shall be limited to the amount p	id by the client for the			
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† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476



March 20, 2015

Mr. Mike Bratcher NMOCD District 2

AMARILLO 921 North Bivins Amarillo, Texas 79107 Phone 806,467,0607 Fax 806,467,0622

ARTESIA 408 West Texas Ave. Artesia, New Mexico 88210 Phone 575,746,8768 Fax 575,746,8905 Artesia, NM 88210

Subject:

Soil Assessment and Remediation Work Plan Oxy Permian LTD SDS 11 Federal #001 SWD 30-015-27627 (2RP-2859)

Dear Mr. Bratcher,

HOBBS 318 East Taylor Street Hobbs, New Mexico 88240 Phone 575.393.4261 Fax 575.393.4658

> MIDLAND 2901 State Hwy 349 Midland, Texas 79706

Phone 432.522.2133 Fax 432.522.2180

OKLAHOMA CITY

Phone 405.486.7030 Fax 806.467.0622

SAN ANTONIO

13111 Lookout Way San Antonio, Texas 78233

Phone 210.265.8025

Fax 210.568.2191

Suite 10

7700 North Hudson Avenue

Oklahoma City, Oklahoma 73116

Oxy Permian (Oxy) has contracted Talon/LPE (Talon) to perform soil assessment and remediation services at the above referenced location. The results of our soil assessment and proposed remediation activities consist of the following.

Incident Date

The release was discovered on February 22, 2015

Background Information

The SDS 11 Federal 1 SWD Battery is located approximately forty (40) miles southeast of Carlsbad, New Mexico. The legal location for the site is Section 11, Township 24 South and Range 31 East in Eddy County, New Mexico. More specifically, the latitude and longitude for the release are 32.23339 North and -103.750704 West. A site plan is presented in Appendix I.

According to the soil survey provided by the United States Department of Agriculture National Resources Conservation Service, the soil in this area is made up of Berino complex with 0 to 3 percent slopes, eroded. Per the New Mexico Bureau of Geology and Mineral Resources, the local surface and shallow geology, Quaternary Age sedimentary deposits is comprised of alluvium and eolian sands which includes fine sandy loam under lain by sandy clay loam and hard caliches. Drainage courses in this area are normally dry. The New Mexico State Engineer web site indicates the nearest ground water data to be in S2-T24S-R31E. The ground water in Section 2 is reported to be at depth of 205' below ground surface (bgs). The referenced groundwater data is presented in Appendix I.

The ranking for this site is 0 based on the as following:

ENVIRONMENTAL CONSULTING ENGINEERING DRILLING CONSTRUCTION SPILL MANAGEMENT GENERAL CONTRACTING

Depth to ground water >100' Wellhead Protection Area >1000' Distance to surface water body >1000'

Toll Free: 866.742.0742 www.talonipe.com Released to Imaging: 12/20/2022 2:54:45 PM

Incident Description

On February 22, 2015 high pressures on a pump caused the plunger packing to loosen from the over pressure causing a release of 44bbls of produced water on the SDS 11 Fed #1 location, no fluids were recovered. All of the fluid was contained within the berms of the location.

Talon mobilized personnel to conduct a site assessment and perform soil sampling within the impacted area. Talon also conducted a remediation on this site in November of 2013 (2RP-1704). As part of the OCD & BLM approved remediation strategy at this site a 1-foot thick clay barrier was installed at a depth of 3-feet bgs to encapsulate the remaining chloride impacted from this release. In order to preserve the integrity of the clay liner Talon personnel utilized at hand auger to vertically delineate the site to the top of the clay at a depth of 3-feet bgs. Results from our soil sampling activities are summarized in the table below.

Laboratory Results

Sample ID	Depth (feet)	BTEX (mg/kg)	Chlorides (mg/kg)	TPH (mg/kg) GRO	TPH (mg/kg) DRO		
S-1	0	ND	32000	ND	ND		
S-1	1	ND	3160	ND	ND		
S-1	2		ND				
S-1	3		1660	÷	 ND		
S-2	0	ND	40000	ND			
S-2	1	ND	5120	ND	ND		
S-2	2		832				
S-2	3		800	24			
S-3	0	ND	32000	ND	ND		
S-3	1	ND	3400	ND	ND		
S-3	2		1120	ND	ND		
S-3	3		176				

See Appendix III for complete report of laboratory results.

(--) Analyte Not Tested

(ND) Analyte Not Detected

Based upon the site ranking of **0**, NMOCD Recommended Remedial Action Levels (RRAL) are 50 mg/kg for BTEX, 10 mg/kg for Benzene, and 5,000 mg/kg for TPH.

Proposed Remedial Actions

- The impacted area in the vicinity of sample location S-1 will be excavated to a maximum depth of 3-feet bgs. While excavating care will be taken to protect the integrity of the clay liner.
- The impacted area in the vicinity of S-2 and S-3 will be excavated to a depth of 2-feet bgs.
- All of the excavated material will be hauled to an NMOCD approved solid waste disposal facility.
- The excavation will be backfilled with caliche and contoured to match the surrounding location.

Should you have any questions or if further information is required, please do not hesitate to contact our office at (575)-746-8768

Respectfully submitted,

Addam Jetter Sheldon Hitch

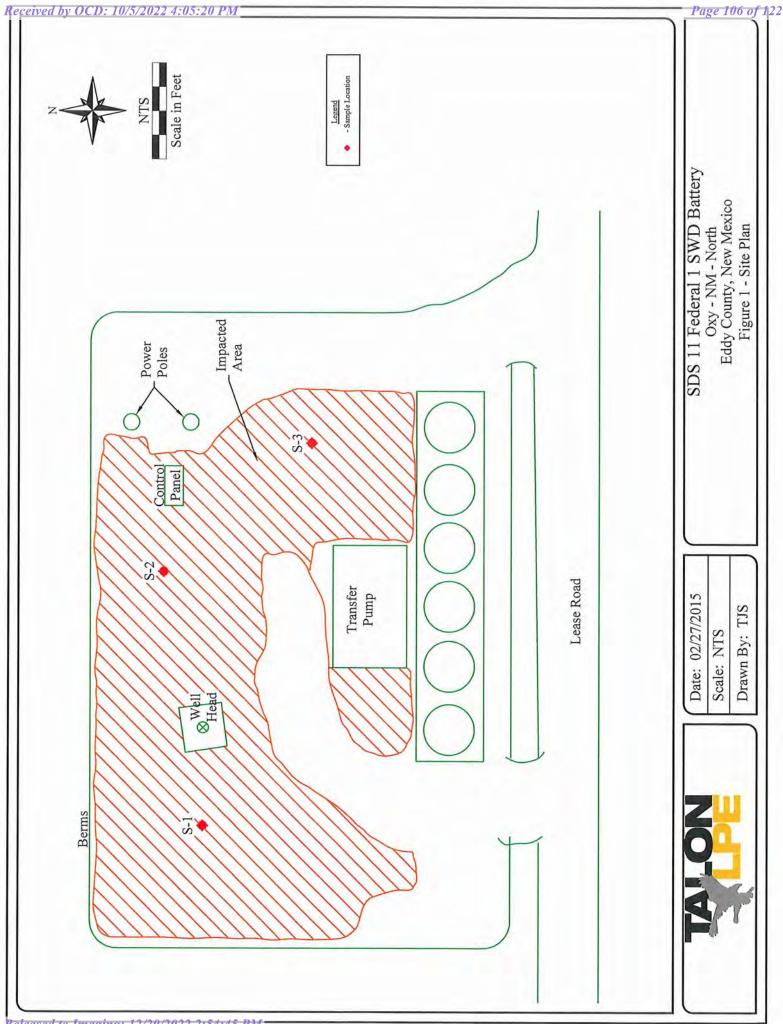
Project Manager

David J. Adkins District Manager

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SITE PLAN

Released to Imaging: 12/20/2022 2:54:45 PM



Released to Imaging: 12/20/2022 2:54:45 PM

GROUNDWATER DATA INITIAL C-141

New Mexico Office of the State Engineer Water Column/Average Depth to Water

(A CLW###### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)	(R=POD has been replaced O=orphaned, C=the file is closed)							2=NE 3 st to lar	s=SW 4=SE gest) (N	:) AD83 UTM in me	eters)	(In feet)	
POD Number	POD Sub- Code basin (Count		Q 16		Sec	Tws	Rng	x	Y	Distance		Depth V Water Co	
C 02460	С	ED			3	02	24S	31E	617496	3568022*	1529	320		
C 02460 POD2	С	ED			3	02	24S	31E	617496	3568022* 🌍	1529	320		
C 02464	С	ED	3	4	1	02	24S	31E	617589	3568530* 🌏	1977	320	205	115
										Avera	ge Depth to Minimum Maximum	Depth:	205 fe	et
Record Count: 3				1		-								
Basin/County Search	<u>.</u>													
County: Eddy UTMNAD83 Radius S	earch (in mete	rs):												
Easting (X): 61811	14		No	rthi	ing	(Y):	356	66623		Radius	: 2000			

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

3/16/15 3:12 PM

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<u>istrict 1</u> 625 N. French Dr., Hobbs, NM 88240 <u>istrict II</u> 11 S. First St., Ariesia, NM 88210 <u>istrict III</u> 000 Rio Brazos Road, Azlec, NM 87410 <u>istrict IV</u> 220 S. St. Francis Dr., Santa Fe, NM 87505	Ènergy Minerals Oil Conser 1220 South	NM C New Mexico and Natural Resources vation Division St. Francis Dr. 2, NM 87505	ARTESI. MAR Sut	onserva a district 0 4 2015 binit 1 Copy ac CEIVED	Form C-141	
Rel	lease Notification	and Corrective	Action	n		
NAB1506443259		OPERATOR		With Last in	l Report 🔲 Final Repor	
Name of Company: Oxy Permian LTD	(192463) 16696	Contact: Chris Jones	1.14	K-A		
Address: 102 S. Main St. Carlsbad, NM		Telephone No.: 575-628-	4121	**		
Facility Name: SDS 11 Federal #1. SWD Bi	nttery	Facility Type: SWD				
Surface Owner: Federal	Mineral Owner:			API No	: Lease #: 30-015-27627	
				1		
91 je	LOCATIO	N OF RELEASE				
Unit Letter Section Township Range		South Line Feet from the	and the second second	West Line	County	
F. 11 24S 31E	2090' North	1980,	West		Eddy	
	the second se	Longitude 103.75070	W			
	NATURE	OF RELEASE			and the second	
Type of Release: Produced Water Source of Release: Triplex Pump failed		Volume of Release: 44 bl Date and Hour of Occurre			ecovered: 0 bbls	
Source of Recease. Triples Tunip tanen	- Tr	2/22/15	ance	Date and Hour of Discovery 2/22/15		
Was Immediate Notice Given?		If YES, To Whom?				
	No Not Required					
	/	Date and Hour:	is the West	tovacuulaa		
	No No	Date and Hour: If YES, Volume Impactin	g the Wat	tercourse.		
By Whom? Was a Watercourse Reached?			g the Wat	tercourse,		
Was a Watercourse Reached? Yes If a Watercourse was Impacted, Describe Fully Describe Cause of Problem and Remedial Ac pressure causing a release of 44 bbls of pre- Talon/LPE was contracted to perform an Im Describe Area Affected and Cleanup Action T I hereby certify that the information given abo regulations all operations are required to report public health or the environment. The accepta should their operations have failed to adequate or the environment. In addition, NMOCD acc federal, state, or local laws and/or regulations.	y.* ction Taken.* High press oduced water inside the f itifal site assessment and s 'aken.* The release rem we is true and complete to t and/or file certain release r ince of a C-141 report by the ely investigate and remedial ceptance of a C-141 report of	If YES, Volume Impacting are on the triples pump 2 acility. No fluids were reco oil sampling. ined within the facility and he best of my knowledge and otifications and perform con e NMOCD marked as "Final re contamination that pose a to loes not relieve the operator of	caused covered a l on the h d underste rective ac l Report" threat to g of respons	the plunger and did the <u>ocation.</u> and that purs tions for rel- does not reli- ground water sibility for c	release not leave the location want to NMOCD rules and eases which may endanger eve the operator of liability , surface water, human health ompliance with any other	
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Was a Watercourse Reached? Yes If a Watercourse was impacted, Describe Fully Describe Cause of Problem and Remedial Ac pressure causing a release of 44 bbls of pro- Talon/LPE was contracted to perform an in Describe Area Affected and Cleanup Action T I hereby certify that the information given abo regulations all operators are required to report public health or the environment. The accepta should their operations have failed to adequate or the environment. In addition, NMOCD acc federal, state, or local laws and/or regulations. Chris Jones Signature: Printed Name: Chris Jones	y.* ction Taken.* High press oduced water inside the f ittlål site assessment and s 'aken.* The release rema we is true and complete to t and/or file certain release r ince.of a C-141 report by th ely investigate and remedial ceptance of a C-141 report c	If YES, Volume Impacting more on the triples pump 2 acility. No fluids were reco oil sampling. ined within the facility and he best of my knowledge and otifications and perform con e NMOCD marked as "Final contamination that pose a locs not relieve the operator of <u>OIL CO</u> Approved by Environmental	caused covered a d on the h d understa rective ac l Report" threat to g of response <u>NSERV</u> l Speciali	the plunger and dld the ocation. and that purs tions for rel- does not reli ground water sibility for c VATION st:	release not leave the location want to NMOCD rules and eases which may endanger eve the operator of liability , surface water, human health ompliance with any other DIVISION	
Was a Watercourse Reached? Yes I If a Watercourse was Impacted, Describe Fully Describe Cause of Problem and Remedial Ac pressure causing a release of 44 bbls of pro- Talon/LPE was contracted to perform an In Describe Area Affected and Cleanup Action T I hereby certify that the information given abo regulations all operators are required to report public health or the environment. The accepta should their operations have failed to adequate or the environment. In addition, NMOCD acc federal, state, or local laws and/or regulations. Signature: Printed Name: Chris Jones Title: HES Specialist	y.* ction Taken.* High press oduced water inside the f hitlål site assessment and s 'aken.* The release remain we is true and complete to t and/or file certain release r ince.of a C-141 report by the ely investigate and remedial septance of a C-141 report of o	If YES, Volume Impacting aure on the triples pump 2 actility. No fluids were reco oil sampling. ined within the facility and he best of my knowledge and otifications and perform com e NMOCD marked as "Final te contamination that pose a locs not relieve the operator of <u>OIL CO</u> Approved by Environmental Approval Date: 3 6	caused covered a d on the h d understa rective ac l Report" threat to g of response <u>NSERV</u> l Speciali	the plunger and did the ocation. and that purs tions for rel- does not rel- ground water sibility for c VATION	release not leave the location want to NMOCD rules and eases which may endanger eve the operator of liability , surface water, human health ompliance with any other DIVISION	
Was a Watercourse Reached? Yes If a Watercourse was impacted, Describe Fully Describe Cause of Problem and Remedial Ac pressure causing a release of 44 bbls of pre- Talon/LPE was contracted to perform an in Describe Area Affected and Cleanup Action T I hereby certify that the information given abo regulations all operations are required to report public health or the environment. The accepta should their operations have failed to adequate or the environment. In addition, NMOCD acc federal, state, or local laws and/or regulations. Chris Jones Signature:	y.* ction Taken.* High press oduced water inside the f itilâ site assessment and s 'aken.* The release rem ince.of a C-141 report by th ely investigate and remedial reptance of a C-141 report of 	If YES, Volume Impacting more on the triples pump 2 acility. No fluids were reco oil sampling. ined within the facility and he best of my knowledge and otifications and perform con e NMOCD marked as "Final contamination that pose a locs not relieve the operator of <u>OIL CO</u> Approved by Environmental	covered a lon the li d understa rective ac l Report" threat to g of response NSERV I Speciali	the plunger and did the ocation. and that purs itions for rele does not religround water sibility for c VATION st: Expiration	release not leave the location want to NMOCD rules and eases which may endanger eve the operator of liability , surface water, human health ompliance with any other DIVISION Date: N/A Attached	

LABORATORY RESULTS



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

March 06, 2015

DAVID ADKINS TALON LPE 408 W. TEXAS AVE. ARTESIA, NM 88210

RE: SDS 11 FED #1 SWD (#2)

Enclosed are the results of analyses for samples received by the laboratory on 03/03/15 7:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceg.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.

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,

Celeg D. Keine

Celey D. Keene Lab Director/Quality Manager



TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received:	03/03/2015	Sampling Date:	02/26/2015
Reported:	03/06/2015	Sampling Type:	Soil
Project Name:	SDS 11 FED #1 SWD (#2)	Sampling Condition:	Cool & Intac
Project Number:	700608.417.01	Sample Received By:	Mike Snyder
Project Location:	NOT GIVEN	a fer er de se star of e	

Sample ID: S-1 0' (H500581-01)

BTEX 8021B mg/kg Analyzed By: ms Analyte Result Reporting Limit Analyzed Method Blank BS True Value QC % Recovery RPD Qualifier Benzene* < 0.050 0.050 03/05/2015 ND 2.04 102 2.00 1.08 Toluene* 0.055 0.050 03/05/2015 ND 1.83 91.4 2.00 1.15 Ethylbenzene* <0.050 0.050 03/05/2015 ND 2.05 103 2.00 1.03 Total Xylenes* <0.150 0.150 03/05/2015 ND 5.47 91.2 6.00 0.645 **Total BTEX** <0.300 03/05/2015 0.300 ND

Surrogate: 4-Bromofluorobenzene (PIE 87.3 % 61-154

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP	_				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32000	16.0	03/03/2015	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					_
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/03/2015	ND	180	90.0	200	1.71	
DRO >C10-C28	<10.0	10.0	03/03/2015	ND	175	87.5	200	5.84	
Surrogate: 1-Chlorooctane	87.1	% 47.2-15	7						

Surrogate: 1-Chlorooctadecane 88.9 % 52.1-176

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Celeg D.Ke



TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

03/03/2015	Sampling Date:	02/26/2015
03/06/2015	Sampling Type:	Soil
SDS 11 FED #1 SWD (#2)	Sampling Condition:	Cool & Intact
700608,417,01	Sample Received By:	Mike Snyder
NOT GIVEN	CARGOLOGY COLOR AC	and the second second
	03/06/2015 SDS 11 FED #1 SWD (#2) 700608.417.01	03/06/2015Sampling Type:SDS 11 FED #1 SWD (#2)Sampling Condition:700608.417.01Sample Received By:

Sample ID: S-1 1' (H500581-02)

BTEX 8021B mg/kg Analyzed By: ms Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Benzene* < 0.050 0.050 03/05/2015 ND 2.04 102 2.00 1.08 Toluene* < 0.050 0.050 03/05/2015 ND 1.83 91.4 2.00 1.15 Ethylbenzene* < 0.050 0.050 03/05/2015 ND 2.05 103 2.00 1.03 Total Xylenes* <0.150 0.150 03/05/2015 ND 5.47 91.2 6.00 0.645 Total BTEX < 0.300 0.300 03/05/2015 ND

Surrogate: 4-Bromofluorobenzene (PIL 84.5% 61-154

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP			_		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3160	16.0	03/03/2015	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/03/2015	ND	180	90.0	200	1.71	
DRO >C10-C28	<10.0	10.0	03/03/2015	ND	175	87.5	200	5,84	
Surrogate: 1-Chlorooctane	79.4	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	79.1	% 52.1-17	6						

Sample ID: S-1 2' (H500581-03)

Chloride, SM4500CI-B	Chloride, SM4500CI-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	03/03/2015	ND	416	104	400	0.00	

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Celeg D.K.

Celey D. Keene, Lab Director/Quality Manager



TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received:	03/03/2015	Sampling Date:	02/26/2015
Reported:	03/06/2015	Sampling Type:	Soil
Project Name:	SDS 11 FED #1 SWD (#2)	Sampling Condition:	Cool & Intact
Project Number:	700608.417.01	Sample Received By:	Mike Snyder
Project Location:	NOT GIVEN		

Sample ID: S-1 3' (H500581-04)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1660	16,0	03/03/2015	ND	416	104	400	0.00	

Sample ID: S-2 0' (H500581-05)

BTEX 8021B	mg/kg		Analyze	Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2015	ND	2.02	101	2.00	6.87	
Toluene*	0.056	0.050	03/05/2015	ND	1.81	90.3	2.00	6.73	
Ethylbenzene*	<0.050	0.050	03/05/2015	ND	2.02	101	2.00	6.87	
Total Xylenes*	<0.150	0.150	03/05/2015	ND	5.41	90.1	6.00	7.35	
Total BTEX	<0.300	0.300	03/05/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIE 85.1% 61-154

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	40000	16.0	03/03/2015	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS	_				_
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/03/2015	ND	180	90.0	200	1.71	
DRO >C10-C28	<10.0	10.0	03/03/2015	ND	175	87.5	200	5.84	
Surrogate: 1-Chlorooctane	74.4	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	77.0	% 52.1-17	6						

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Celeg D. Keine.



TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received:	03/03/2015	Sampling Date:	02/26/2015
Reported:	03/06/2015	Sampling Type:	Soil
Project Name:	SDS 11 FED #1 SWD (#2)	Sampling Condition:	Cool & Intact
Project Number:	700608.417.01	Sample Received By:	Mike Snyder
Project Location:	NOT GIVEN	and a second second	Construction of the second

Sample ID: S-2 1' (H500581-06)

BTEX 8021B	mg/	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	< 0.050	0.050	03/05/2015	ND	2.02	101	2.00	6.87	
Toluene*	<0.050	0.050	03/05/2015	ND	1.81	90.3	2.00	6.73	
Ethylbenzene*	<0.050	0.050	03/05/2015	ND	2.02	101	2.00	6.87	
Total Xylenes*	<0.150	0.150	03/05/2015	ND	5.41	90.1	6.00	7.35	
Total BTEX	<0.300	0.300	03/05/2015	ND					
Surrogate: 4-Bromofluorobenzene (PIL	82.4	% 61-154		-					
Chloride, SM4500CI-B	mg/	lkg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	5120	16.0	03/03/2015	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS				100	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10	<10.0	10.0	03/03/2015	ND	180	90.0	200	1.71	
DRO >C10-C28	<10.0	10.0	03/03/2015	ND	175	87.5	200	5.84	

Surrogate: I-Chlorooctane	77.4 %	47.2-157
Surrogate: 1-Chlorooctadecane	79.1 %	52.1-176

Sample ID: S-2 2' (H500581-07)

Chloride, 5M4500CI-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	03/03/2015	ND	416	104	400	0.00	

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Celeg D. Kee

Celey D. Keene, Lab Director/Quality Manager



TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

03/03/2015	Sampling Date:	02/26/2015	
03/06/2015	Sampling Type:	Soil	
SDS 11 FED #1 SWD (#2)	Sampling Condition:	Cool & Intact	
700608,417.01	Sample Received By:	Mike Snyder	
NOT GIVEN	and the set of the	Commission & Sam	
	03/06/2015 SDS 11 FED #1 SWD (#2) 700608.417.01	03/06/2015Sampling Type:SDS 11 FED #1 SWD (#2)Sampling Condition:700608.417.01Sample Received By:	03/06/2015Sampling Type:SoilSDS 11 FED #1 SWD (#2)Sampling Condition:Cool & Intact700608.417.01Sample Received By:Mike Snyder

Sample ID: S-2 3' (H500581-08)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP	_				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	800	16.0	03/03/2015	ND	416	104	400	0.00	

Sample ID: S-3 0' (H500581-09)

BTEX 8021B	mg,	/kg	Analyze	d By: ms	_				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2015	ND	2.02	101	2.00	6.87	
Toluene*	0.078	0.050	03/05/2015	ND	1.81	90.3	2.00	6.73	
Ethylbenzene*	<0.050	0.050	03/05/2015	ND	2.02	101	2.00	6.87	
Total Xylenes*	<0.150	0.150	03/05/2015	ND	5.41	90,1	6.00	7.35	
Total BTEX	<0.300	0.300	03/05/2015	ND					
a second beaution of the second									

61-154 Surrogate: 4-Bromofluorobenzene (PIL 82.9%

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32000	16.0	03/03/2015	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/03/2015	ND	180	90.0	200	1.71	
DRO >C10-C28	<10.0	10.0	03/03/2015	ND	175	87.5	200	5.84	
Surrogate: 1-Chlorooctane	80.0	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	81.6	% 52.1-17	6						

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Celeg D. Keine



TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received:	03/03/2015	Sampling Date:	02/26/2015	
Reported:	03/06/2015	Sampling Type:	Soil	
Project Name:	SDS 11 FED #1 SWD (#2)	Sampling Condition:	Cool & Intact	
Project Number:	700608.417.01	Sample Received By:	Mike Snyder	
Project Location:	NOT GIVEN			

Sample ID: S-3 1' (H500581-10)

BTEX 8021B mg/kg Analyzed By: ms **Reporting Limit** Method Blank Analyte Result Analyzed BS % Recovery True Value QC RPD Qualifier Benzene* <0.050 0.050 03/05/2015 ND 2.02 101 2.00 6.87 Toluene* <0.050 0.050 03/05/2015 ND 1.81 90.3 2,00 6.73 Ethylbenzene* <0.050 0.050 03/05/2015 ND 2.02 101 2.00 6.87 Total Xylenes* <0.150 0.150 03/05/2015 ND 5.41 90.1 6.00 7.35 Total BTEX <0.300 0.300 03/05/2015 ND

Surrogate: 4-Bromofluorobenzene (PIE 82.4 % 61-154

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3400	16.0	03/03/2015	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/03/2015	ND	180	90.0	200	1.71	
DRO >C10-C28	<10.0	10.0	03/03/2015	ND	175	87.5	200	5.84	
Surrogate: 1-Chlorooctane	73.0	% 47,2-15	7						
Surrogate: 1-Chlorooctadecane	74.4	% 52.1-17	6						

Sample ID: S-3 2' (H500581-11)

Chloride, SM4500CI-B m		/kg	g Analyzed By: AP						-
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1120	16.0	03/03/2015	ND	416	104	400	0.00	

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Celeg Di Kee

Celey D. Keene, Lab Director/Quality Manager



TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received:	03/03/2015	Sampling Date:	02/26/2015	
Reported:	03/06/2015	Sampling Type:	Soil	
Project Name:	SDS 11 FED #1 SWD (#2)	Sampling Condition:	Cool & Intact	
Project Number:	700608.417.01	Sample Received By:	Mike Snyder	
Project Location:	NOT GIVEN	Conden Street Concern	1 100 CON 100	

Sample ID: S-3 3' (H500581-12)

Chloride, SM4500CI-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	03/03/2015	ND	416	104	400	0,00	

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Celeg D.Ken



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

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 SM4500CI-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	

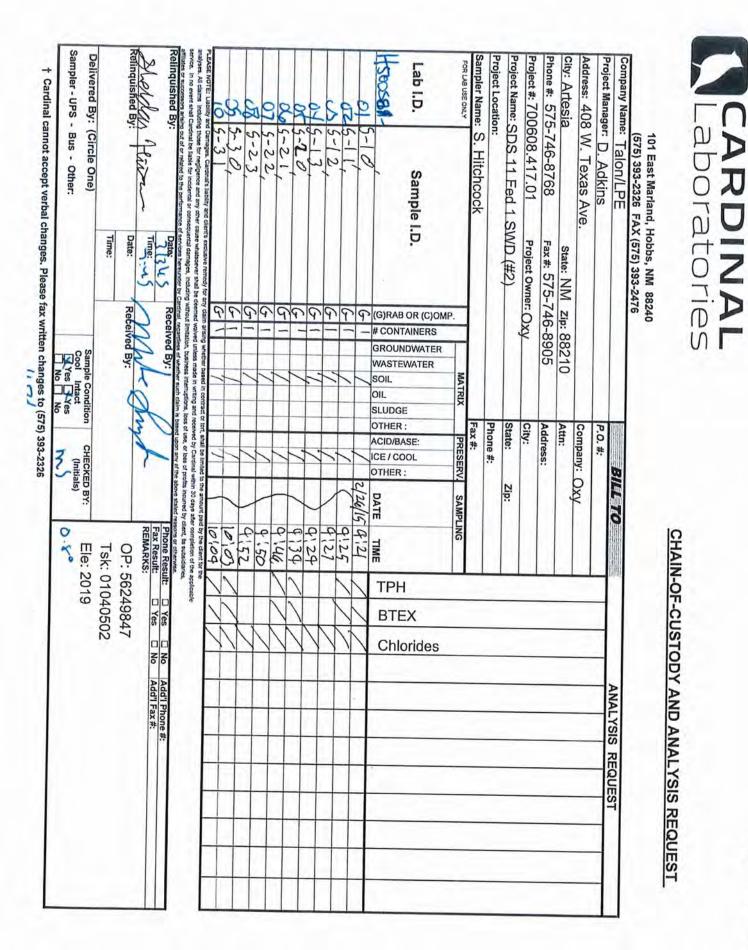
Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remody for any daim arising, whether based in contract or tort, shall be liabiled to the amount paid by client for analysies. All claims, including those for negligence and any other cause whatsoever shall be deemed walved unless made in writing and received by Cardinal within thirty (3b) days after completion of the applicable service. In mice event shall be deemed walved unless made in writing and received by Cardinal within thirty (3b) days after completion of the applicable service. In mice event shall be services hereunder by Cardinal is substantiates, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim's 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 hill with writem approval of Candinal laboratories.

Celey D. Keene.





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Project Manager: D. Adkins Address: 408 W. Texas Ave. City: Artesia Phone #: 575-746-8768 Fax #: 575-746-8768 Project #: 700608.417.01	zip: 88210 746-8905 "Oxy	P.o. #: Company: Oxy Attn: Address: City:			
Sampler Name: S. Hitchcock		Fax #:			
9	MATRIX	ESERV	ING		
Lab I.D. Sample I.D.	G)RAB OR (C)OMP. CONTAINERS BROUNDWATER WASTEWATER SOIL DIL SLUDGE	DTHER : CID/BASE: CE / COOL DTHER : DATE	TPH	BTEX Chlorides	
11 5-3 2,	1 /	/ 2	-	/	
126-33	61	/ 2/24/5			
PLEASE NOTE: Lability and Damages. Cardinal's lability and client's exclusive remedy for any claim analig whethe based in contract or tent, shall be limited to the amount paid by the client for the analyses. All claims including these for negligence and any other state whatevere that be doemed velowed unless made in writing and received by Candinal which 30 days after completion of the applicable service. In no event shall Candhal be lable for incidential or consequential damages, fully damages, fully data for event shall be limited to the amount paid by the dent for the service. In no event shall Candhal be lable for incidential or consequential damages, fully damages, fully data for any client, as subadianted, to solve the service that candhal be certificative to demode the Candhal termine of services hereafters of whether whether whether whether the thing is based una more the basen are individented.	y claim araing whether based in contrast or tort a comed valved unless made in writing and receive writhout inheritation, business interruptions, too of u	ct or fort, shall be limited to the amount pe for carbox, shall be limited to the amount pe for carboxed by Cardinal within 30 days and here and upon any control incurred by to based upon any control incurred by	id by the client for the error policeble client, is subsidiantes, client, is subsidiantes, second or chimologiantes, secon		
A Date:	Received By:	P	Litt	□Yes □No	Add'I Phone #: Add'I Fax #:
Refinquished By:	Received By:	huft	OP: 56249847 Tsk: 01040502	9847	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Sample Condition Cool Intact	tion CHECKED BY: (Initials)	Ele: 2019		

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4620F2

District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

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

CONDITIONS

Operator:	OGRID:			
OXY USA INC	16696			
P.O. Box 4294	Action Number:			
Houston, TX 772104294	149170			
	Action Type:			
	[C-141] Release Corrective Action (C-141)			
CONDITIONS				

Created By Condition amaxwell None

CONDITIONS

Action 149170

Condition Date 12/20/2022