Closure Report

ID# nAB1625156773, nAB1702741728 , nAB1710041956

Site Description		
Site Name:	SDS 11 FEDERAL 1 SWD FACILITY	
Company:	Oxy USA, Inc.	
Legal Description:	U/L F , SECTION 11 , T 24S , R 31E	
County:	EDDY CO,NM	
GPS Coordinates:	N 32.2333984, -103.7507324	

Release Data		
Date of Release:	8/17/16,1/16/17,3/31/17	
Type of Release:	PRODUCED WATER	
Source of Release:	FAULTY TRANSFER PUMP ON PIPING, NIPPLE LEAK ON DISPOSAL LINE , FITTING FAILURE ON LINE FROM PUMP	
Volume of Release:	1100BBLS, 18 BBLS,6 BBLS	
Volume Recovered:	900 BBLS, 8 BBLS, 0BBLS	

Remediation Specifications		
Remediation Parameters:	paperwork exi had been met	ted on the Agreed Compliance Order of 4/5/19. This site had previously been remediated but no sted for verification therefore, OXY performed confirmation sampling to verify remediation limits . The enclosed site diagram depicts the spill area, excavation depths, and the confirmation . OXY collected sidewall and bottom confirmation samples every 200 square feet .
Remediation Activities:		
Plan Sent to OCD:		11/21/2016, 3/22/17
OCD Approval of Plan:		11/29/2016 , 4/3/2017
Plan Sent to BLM:		11/21/2016 , 3/22/17
BLM Approval of Plan:		4/18/2017

Supporting Documentation			
C-141, page 6	signed and included		
Site Diagram	Google Earth map with excavation depths & confirmation sample points		
Pictures	Closure photos		
Lab Summary/Analysis	Confirmation lab summary/analysis report		
Notifications	10/6/22, 10/12/22		

Request for Closure

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

Cliff P. Brunson President, BBC International, Inc.

11/17/2022

Form C-141 Page 6 State of New Mexico Oil Conservation Division

Incident ID	nAB1625156773
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 following 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 photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Wade Dittrich	Title: Environmental Coordinator		
Signature: Well Aitbut	Date: 11-7-22		
email: wade_dittrich@oxy.com	Telephone: (575) 390-2828		
OCD Only			
Received by: Jocelyn Harimon	Date: 11/21/2022		
Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.			
Closure Approved by: <u>Ashley Maxwell</u>	Date: 2/9/2023		
Printed Name: Ashley Maxwell	Title:Environmental Specialist		

Form C-141 Page 6 State of New Mexico Oil Conservation Division

Incident ID	nAB1702741728
District RP	
Facility ID	
Application ID	

Page 3 of 392

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 follow	ving items must be included in the closure report.
A scaled site and sampling diagram as described in 19.15	5.29.11 NMAC
Photographs of the remediated site prior to backfill or pl must be notified 2 days prior to liner inspection)	hotos of the liner integrity if applicable (Note: appropriate OCD District office
Laboratory analyses of final sampling (Note: appropriate	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 of may endanger public health or the environment. The acceptant should their operations have failed to adequately investigate are human health or the environment. In addition, OCD acceptant compliance with any other federal, state, or local laws and/or restore, reclaim, and re-vegetate the impacted surface area to the accordance with 19.15.29.13 NMAC including notification to report of the Name: Wade Dittrich	Simplete to the best of my knowledge and understand that pursuant to OCD rules certain release notifications and perform corrective actions for releases which ce 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, ce of a C-141 report does not relieve the operator of responsibility for regulations. The responsible party acknowledges they must substantially the conditions that existed prior to the release or their final land use in the OCD when reclamation and re-vegetation are complete. Title: Date: 11-12-22 Telephone: (575) 390-2828
OCD Only	
Received by:	Date:
	party of liability should their operations have failed to adequately investigate and face water, human health, or the environment nor does not relieve the responsible and/or regulations.
Closure Approved by: Ashley Maxwe	ll Date:2/09/2023
Printed Name: Ashley Maxwell	Title:Environmental Specialist

Form C-141 Page 6 State of New Mexico Oil Conservation Division

Incident ID	nAB1710041956
Incluent ID	IIAB1710041936
District RP	
Facility ID	-
Application ID	

Page 4 of 392

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 following 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 photos of the liner integrity if applicable (Note: appropriate OCD District office) must be notified 2 days prior to liner inspection) Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling) Description of remediation activities I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete. Printed Name: Wade Dittrich Title: Environmental Coordinator Date: 11-17-22 Signature: email: wade_dittrich@oxy.com Telephone: (575) 390-2828 **OCD Only** Received by: Date: Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations. Ashley Maxwell Date: 2/9/2023 Closure Approved by: Ashley Maxwell Title: Environmental Specialist Printed Name:

From:	Cliff Brunson
To:	Kathy Sweeney
Cc:	<u>"Ken Swinney";</u> <u>"Jennifer Gilkey"</u>
Subject:	FW: [EXTERNAL] OXY - SDS 11 Federal #1 SWD - Sampling Notification
Date:	Wednesday, October 12, 2022 11:12:29 AM

Kathy, see below. Add this to project files. Thanks

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



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From: Nobui, Jennifer, EMNRD <Jennifer.Nobui@emnrd.nm.gov>
Sent: Wednesday, October 12, 2022 11:07 AM
To: Cliff Brunson <cbrunson@bbcinternational.com>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Subject: FW: [EXTERNAL] OXY - SDS 11 Federal #1 SWD - Sampling Notification

Cliff

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thanks, Jennifer Nobui

From: Enviro, OCD, EMNRD <<u>OCD.Enviro@emnrd.nm.gov</u>>
Sent: Wednesday, October 12, 2022 8:22 AM
To: Bratcher, Michael, EMNRD <<u>mike.bratcher@emnrd.nm.gov</u>>; Nobui, Jennifer, EMNRD
<<u>Jennifer.Nobui@emnrd.nm.gov</u>>; Harimon, Jocelyn, EMNRD <<u>Jocelyn.Harimon@emnrd.nm.gov</u>>;
Hamlet, Robert, EMNRD <<u>Robert.Hamlet@emnrd.nm.gov</u>>; Velez, Nelson, EMNRD

<<u>Nelson.Velez@emnrd.nm.gov</u>>

Subject: Fw: [EXTERNAL] OXY - SDS 11 Federal #1 SWD - Sampling Notification

From: Cliff Brunson < <u>cbrunson@bbcinternational.com</u>>

Sent: Thursday, October 6, 2022 5:21 PM

To: Enviro, OCD, EMNRD <<u>OCD.Enviro@emnrd.nm.gov</u>>

Cc: 'Wade Dittrich' <<u>Wade_Dittrich@oxy.com</u>>; <u>tyson_pierce@oxy.com</u> <<u>tyson_pierce@oxy.com</u>>; 'Ken Swinney' <<u>kswinney@bbcinternational.com</u>>; 'Jennifer Gilkey' <<u>jgilkey@bbcinternational.com</u>>; Kathy Sweeney <<u>kathys@bbcinternational.com</u>>

Subject: [EXTERNAL] OXY - SDS 11 Federal #1 SWD - Sampling Notification

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

This is a notification that BBC will conduct confirmation sampling on behalf of OXY at the SDS 11 Federal #1 SWD (8/17/16 – nAB1625156773), (1/16/17 – nAB1702741728), (3/31/17 – nAB1710041956) on Tuesday, October 11, 2022 at 9:00 a.m.

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



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OXY - SDS 11 FEDERAL #1 SWD FACILITY

LEAK DATES - 08/17/2016 , 01/16/2017,03/31/2017 EDDY CO, NM ID# nAB1625156773,nAB1702741728,nAB1625156773

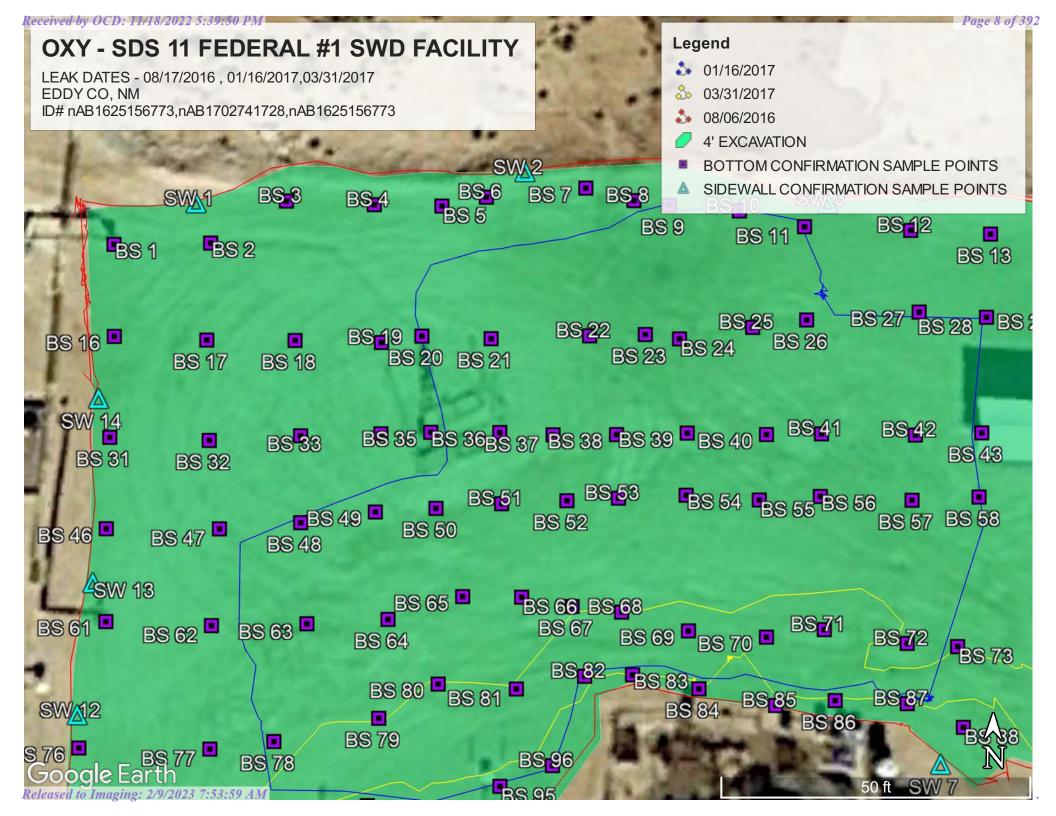
Legend

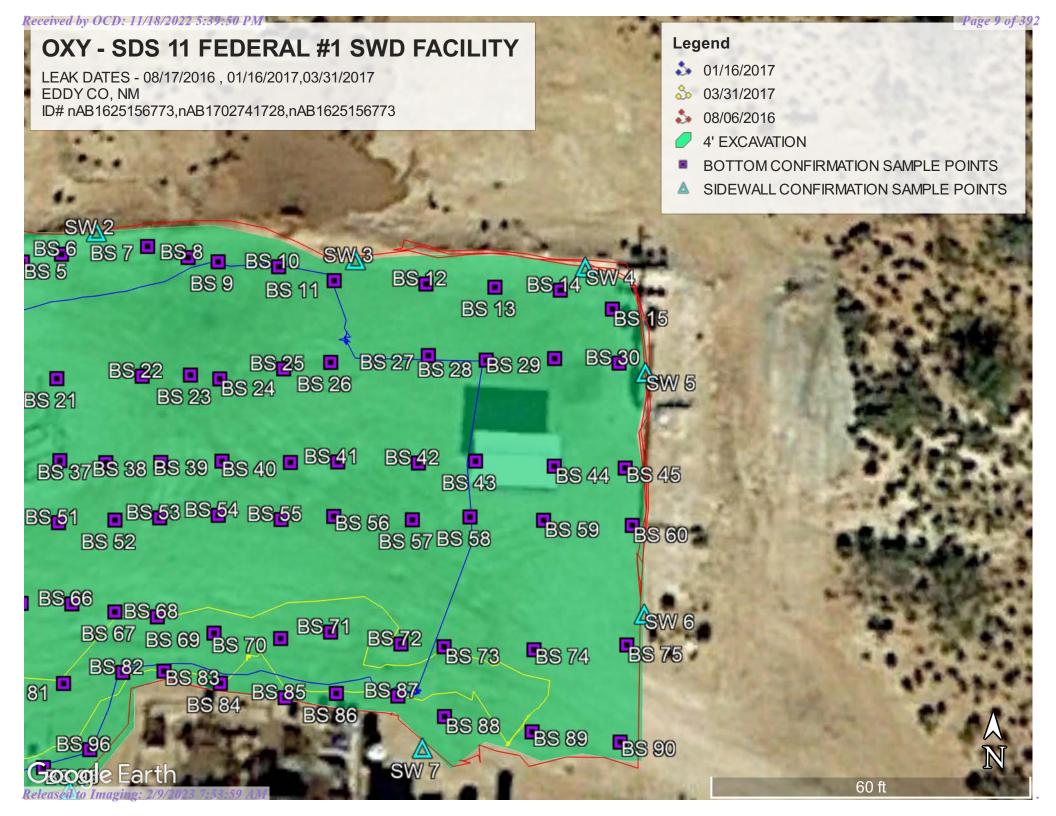
- \$ 01/16/2017
- \$ 03/31/2017
- \$ 08/06/2016
- 4' EXCAVATION
- BOTTOM CONFIRMATION SAMPLE POINTS
- SIDEWALL CONFIRMATION SAMPLE POINTS

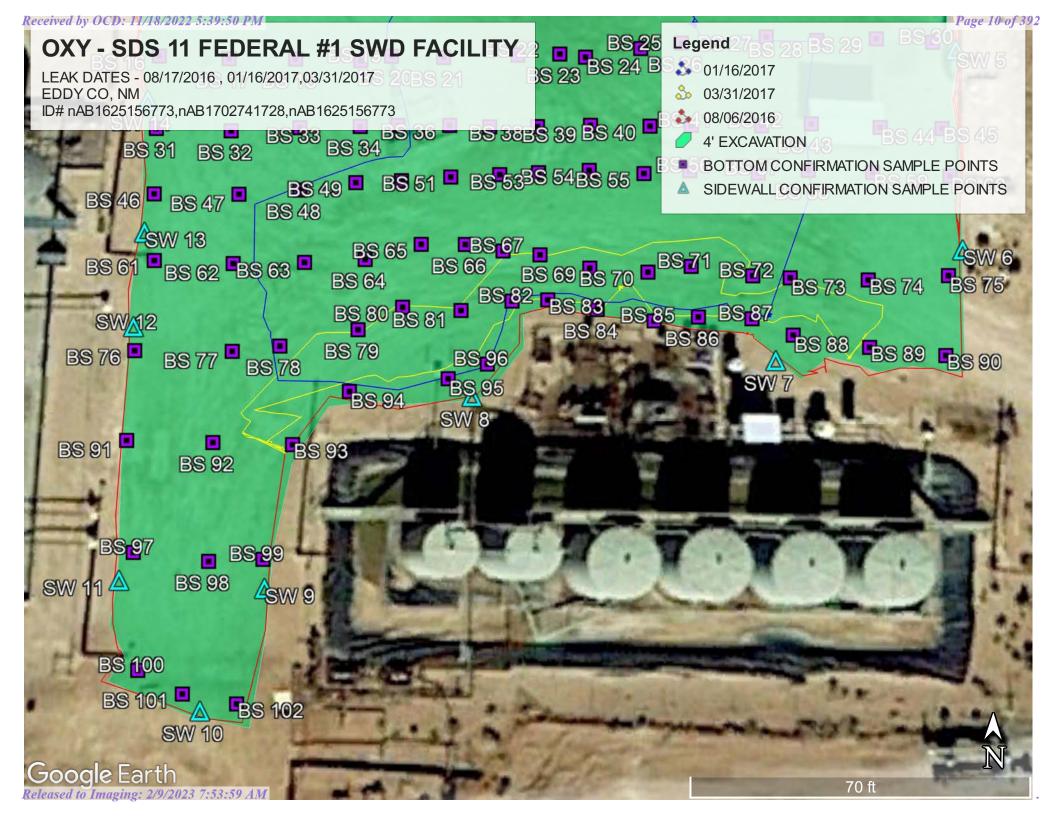
2

N

SWA2 SWAT BS 3 BS 4 BST BS 10 SW3 BS 8 **BS 11** BS 2 **BS 13** BS 27 BS22 BS25 BS 26 BS 23 BS 24 BS 26 BS 17BS 18 **BS 29** SW 5 **BS 16 BS 28 BS 21** BS 33 BS 34 BS 35 BS 38 BS 39 BS 41 BS 42 14 BS 443S 45 BS 46 BS 47 BS 48 BS 50 BS 52 BS 55 BS 56 BS 57 BS 58 BS 59 BS 60 SW 13 BS 65 BS 67 BS 68 BS 69 52 BS 73 BS 74 BS 75 BS 61 BS 62 BS 63 **BS 64** BS 81 BS 83 BS 85 BS 87 SW/12 BS 88 BS 89 BS 90 **BS 86** BS 76 BS 77 BS 78 BS 79 BS 94 BS BS 92 **BS 91 BS 93** BS-99 **BS** 97 ASW 9 BS 98 SW 11 **BS 100** BS 101 BS 102 e Earth SW 10 OCI 100 ft Released to Imaging: 2/9/2023 7:53:59







OXY -SDS 11 FED #1 SWD (8/17/16,1/16/17,3/31/17) SAMPLE DATE 10/11/22-10/19/22

BOTTOM SAMPLE S

	N 22 22250	11/ 402 75006
BS 1@1'2'3'4'	N 32.23350	W-103.75096
BS 2@1'2'3'4'	N 32.23350	W-103.75094
BS 3@1'2'3'4'	N 32.23351	W-103.75089
BS 4@1'2'3'4'	N 32.23351	W-103.75082
BS 5@1'2'3'4'	N 32.23350	W-103.75077
BS 6@1'2'3'4'	N 32.23349	W-103.78073
BS 7@1'2'3'4'	N 32.23350	W-103.75068
BS 8@1'2'3'4'	N 32.23350	W-103.75063
BS 9@1'2'3'4'	N 32.23350	W-103.75059
BS 10@1'2'3'4'	N 32.23350	W-103.75056
BS 11@1'2'3'4'	N 32.23350	W-103.75053
BS 12@1'2'3'4'	N 32.23350	W-103.75049
BS 13@1'2'3'4'	N 32.23349	W-103.75045
BS 14@1'2'3'4'	N 32.23349	W-103.75041
BS 15@1'2'3'4'	N 32.23350	W-103.75037
BS 16@1'2'3'4'	N 32.23344	W-103.75096
BS 17@1'2'3'4'	N 32.23349	W-103.75092
BS 18@1'2'3'4'	N 32.23344	W-103.75086
BS 19@1'2'3'4'	N 32.23344	W-103.75022
BS 20@1'2'3'4'	N 32.23340	W-103.75076
BS 21@1'2'3'4'	N 32.23344	W-103.75072
BS 22@1'2'3'4'	N 32.23344	W-103.75068
BS 23@1'2'3'4'	N 32.22343	W-103.75065
BS 24@1'2'3'4'	N 32.23343	W-103.75062
BS 25@1'2'3'4'	N 32.23344	W-103.75057
BS 26@1'2'3'4'	N 32.23344	W-103.75054
BS 27@1'2'3'4'	N 32.23344	W-103.75048
BS 28@1'2'3'4'	N 32.23345	W-103.75045
BS 30@1'2'3'4'	N 32.23345	W-103.75037
BS 31@1'2'3'4'	N 32.23341	W-103.75096
BS 32@1'2'3'4'	N 32.23341	W-103.75092
BS 33@1'2'3'4'	N 32.23342	W-103.75087
BS 34@1'2'3'4'	N 32.23344	W-103.75083
BS 35@1'2'3'4'	N 32.32341	W-103.75076
BS 36@1'2'3'4'	N 32.32342	W-103.75072
BS 37@1'2'3'4'	N 32.23341	W-103.75069
BS 38@1'2'3'4'	N 32.23240	W-103.75065
BS 39@1'2'3'4'	N 32.23341	W-103.75061
BS 40@1'2'3'4'	N 32.23341	W-103.75057
BS 41@1'2'3'4'	N 32.23340	W-103.75052
BS 42@1'2'3'4'	N 32.23340	W-103.75045
-		

BS 43@1'2'3'4'	N 32.23344	W-103.75037
BS 44@1'2'3'4'	N 32.23341	W-103.75034
BS 45@1'2'3'4'	N 32.23340	W-103.75030
BS 46@1'2'3'4'	N 32.23235	W-103.75095
BS 47@1'2'3'4'	N 32.23235	W-103.75092
BS 48@1'2'3'4'	N 32.23236	W-103.75088
BS 49@1'2'3'4'	N 32.23335	W-103.75076
BS 50@1'2'3'4'	N 32.23335	W-103.75070
BS 51@1'2'3'4	N 32.23335	W-103.75070 W-103.75073
-	N 32.23333	W-103.75068
BS 52@1'2'3'4		
BS 53@1'2'3'4	N 32.23335	W-103.75064
BS 54@1'2'3'4'	N 32.23335	W-103.75062
BS 55@1'2'3'4	N 32.23335	W-103.75059
BS 56@1'2'3'4'	N 32.23335	W-103.75055
BS 57@1'2'3'4'	N 32.23336	W-103.75051
BS 58@1'2'3'4'	N 32.23335	W-103.75046
BS 59@1'2'3'4'	N 32.23335	W-103.75043
BS 60@1'2'3'4'	N 32.23332	W-103.75035
BS 61@1'2'3'4'	N 32.23331	W-103.75096
BS 62@1'2'3'4'	N 32.23330	W-103.75092
BS 63@1'2'3'4'	N 32.23330	W-103.75087
BS 64@1'2'3'4'	N 32.23331	W-103.75051
BS 65@1'2'3'4'	N 32.23330	W-103.75080
BS 66@1'2'3'4'	N 32.23333	W-103.75076
BS 67@1'2'3'4'	N 32.23331	W-103.75073
BS 68@1'2'3'4'	N 32.23331	W-103.75070
BS 69@1'2'3'4'	N 32.23330	W-103.75067
BS 70@1'2'3'4'	N 32.23330	W-103.75064
BS 71@1'2'3'4'	N 32.23330	W-103.75061
BS 72@1'2'3'4'	N 32.23331	W-103.75058
BS 73@1'2'3'4'	N 32.23334	W-103.75054
BS 74@1'2'3'4'	N 32.23334	W-103.75051
BS 75@1'2'3'4'	N 32.23330	W-103.75042
-		W-103.75098
BS 76@1'2'3'4'	N 32.23326	
BS 78@1'2'3'4'	N 32.23326	W-103.75093
BS 79@1'2'3'4'	N 32.23325	W-103.75089
BS 80 @1'2'3'4'	N 32.33375	W-103.75084
BS 81@1'2'3'4'	N 32.33325	W-103.75080
BS 82@1'2'3'4'	N 32.33325	W-103.75074
BS 83@1'2'3'4'	N 32.23325	W-103.75070
BS 84@1'2'3'4'	N 32.23326	W-103.75066
BS 85@1'2'3'4'	N 32.23325	W-103.75062
BS 86@1'2'3'4'	N 32.23324	W-103.75058
BS 87@1'2'3'4'	N 32.23325	W-103.75054
BS 88@1'2'3'4'	N 32.23324	W-103.75050
BS 89@1'2'3'4'	N 32.23325	W-103.75046
BS 90@1'2'3'4	N 32.23326	W-103.75040
_		

N 32.23320	W-103.75096
N 32.23320	W-103.75095
N 32.23320	W-103.75086
N 32.23322	W-10375082
N 32.23322	W-103.75076
N 32.23322	W-103.75072
N 32.23315	W-103.75095
N 32.23315	W-103.75090
N 32.23314	W-103.75086
N 32.23310	W-103.75096
N 32.23310	W-103.75090
N 32.23310	W-103.75086
	N 32.23320 N 32.23320 N 32.23322 N 32.23322 N 32.23322 N 32.23315 N 32.23315 N 32.23314 N 32.23310 N 32.23310

SIDEWALL SAMPLE POINTS

SW 1	N 32.23354	W-103.75097
SW 2	N 32.23355	W-103.75082
SW 3	N 32.23356	W-103.75056
SW 4	N 32.23354	W-103.75036
SW 5	N 32.23342	W-103.75033
SW 6	N 32.25355	W-103.75033
SW 7	N 32.22321	W-103.75048
SW 8	N 32.23321	W-103.75075
SW 9	N 32.23313	W-103.75082
SW 10	N 32.23303	W-103.75091
SW 11	N 32.23309	W-103.75099
SW 12	N 32.23309	W-103.75098
SW 13	N 32.23331	W-103.75099
SW 14	N 32.23345	W-103.75100

	Sample ID	BS 1 @1"	BS 1@2'	BS 1@3'	BS 1@4'	BS 2@1'	BS 2@2'	BS2@3'	BS 2@4'	BS 3@1'	BS 3@2'	BS 3@3'	BS 3@4'	BS4@1'	BS 4@2'	BS 4@3'	BS 4@4'	BS 5@1'
Analyte	Date	10/11/22	10/11/22	10/11/22	10/11/22	10/11/22	10/11/22	10/11/22	10/11/22	10/11/22	10/11/22	10/11/22	10/11/22	10/11/22	10/11/22	10/11/22	10/11/22	10/11/22
		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
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
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
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
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
Chloride		16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	16.0	32.0	<16.0	16.0	32.0	32.0	<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
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
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

	Sample ID	BS 5@2'	BS 5@3'	BS 5@4'	BS 6@1'	BS 6@2'	BS 6@3'	BS 6@4'	BS 7@1'	BS 7@2'	BS 7@3'	BS 7@4'	BS 8@1'	BS 8@2'	BS 8@3'	BS 8@4"	BS 9@1"	BS 9@2"
Analyte	Date	10/11/22	10/11/22	10/11/22	10/11/22	10/11/22	10/11/22	10/11/22	10/11/22	10/11/22	10/11/22	10/11/22	10/11/22	10/11/22	10/11/22	10/11/22	10/11/22	10/11/22
		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
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
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
Total Xylenes		<0.150	<0.150	<0.0150	<0.0150	<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
Chloride		32.0	16.0	<16.0	16.0	32.0	<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
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
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

	Sample ID	BS9@3'	BS 9@4'	BS 10@1'	BS 10@2'	BS 10@3'	BS 10@4'	BS 11@1'	BS 11@2'	BS11@3'	BS11@4'	BS 12@1'	BS 12@2'	BS 12@3'	BS12@4'	BS13@1'	BS13@2'	BS 13@3'
Analyte	Date	10/11/22	10/11/22	10/11/22	10/11/22	10/11/22	10/11/22	10/11/22	10/11/22	10/11/22	10/11/22	10/11/22	10/11/22	10/11/22	10/11/22	10/11/22	10/11/22	10/11/22
		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
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
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
Total Xylenes		<0.150	<0.150	<0.0150	<0.0150	<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
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
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
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
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

	Sample ID	BS 13@4'	BS14@1'	BS 14@2'	BS 14@3'	BS 14@4'	BS 15@1'	BS 15@2'	BS15@3'	BS15@4'	BS16@1'	BS 16@2'	BS 16@3'	BS 16@4'	BS 17@1'	BS 17@2'	BS 17@3'	BS 17@4'
Analyte	Date	10/11/22	10/11/22	10/11/22	10/11/22	10/11/22	10/11/22	10/11/22	10/11/22	10/11/22	10/11/22	10/11/22	10/11/22	10/11/22	10/12/22	10/12/22	10/12/22	10/12/22
		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
Toluene		<0.050	<0.050	<0.050	0.066	<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
Total Xylenes		<0.150	<0.150	<0.0150	<0.0150	<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
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
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
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
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

	Sample ID	BS 18@1'	BS 18@2'	BS 18@3'	BS 18@4'	BS 19@1'	BS 19@2'	BS 19@3'	BS 19@4'	BS 20@1'	BS 20@2'	BS 20@3'	BS 20@4'	BS 21@1'	BS 21@2'	BS 21@3'	BS 21@4'	BS 22@1'
Analyte	Date	10/12/22	10/12/22	10/12/22	10/12/22	10/12/22	10/12/22	10/12/22	10/12/22	10/12/22	10/12/22	10/12/22	10/12/22	10/12/22	10/12/22	10/12/22	10/12/22	10/12/22
		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
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
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
Total Xylenes		<0.150	<0.150	<0.0150	<0.0150	<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
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
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
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
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

	Sample ID	BS 22@2'	BS 22@3'	BS 22@4'	BS 23@1'	BS 23@2'	BS 23@3'	BS 23@4'	BS 24@1'	BS 24@2'	BS 24@3'	BS 24@4'	BS25@1'	BS25@2'	BS 25@3'	BS 25@4'	BS 26@1'	BS 26@2'
Analyte	Date	10/12/22	10/12/22	10/12/22	10/12/22	10/12/22	10/12/22	10/12/22	10/12/22	10/12/22	10/12/22	10/12/22	10/12/22	10/12/22	10/12/22	10/12/22	10/12/22	10/12/22
		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
Toluene		<0.050	<0.050	<0.050	0.066	<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
Total Xylenes		<0.150	<0.150	<0.0150	<0.0150	<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
Chloride		16.0	32.0	<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
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
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

	Sample ID	BS 26@3'	BS 26@4'	BS 27@1'	BS 27@2'	BS 27@3'	BS 27@4'	BS 28@1'	BS 28@2'	BS 28@3'	BS 28@4'	BS 29@1'	BS 29@2'	BS 29@3'	BS 29@4'	BS 30@1'	BS 30@2'	BS 30@3'
Analyte	Date	10/12/22	10/12/22	10/12/22	10/12/22	10/12/22	10/12/22	10/12/22	10/12/22	10/12/22	10/12/22	10/12/22	10/12/22	10/12/22	10/12/22	10/12/22	10/12/22	10/12/22
		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
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
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
Total Xylenes		<0.150	<0.150	<0.0150	<0.0150	<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
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
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
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
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

	Sample ID	BS 30@4'	BS 31@1'	BS 31@2'	BS 31@3'	BS31@4'	BS 32@1'	BS 32@2'	BS 32@3'	BS32@4'	BS 33@1'	BS 33@2'	BS 33@3'	BS 33@4'	BS 34@1'	BS 34@2'	BS 34@3'	BS 34@4'
Analyte	Date	10/12/22	10/13/22	10/13/22	10/13/22	10/13/22	10/13/22	10/13/22	10/13/22	10/13/22	10/13/22	10/13/22	10/13/22	10/13/22	10/13/22	10/13/22	10/13/22	10/13/22
		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
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
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
Total Xylenes		<0.150	<0.150	<0.0150	<0.0150	<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
Chloride		<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	16.0	<16.0	<16.0	<16.0	32.0	32.0	32.0	<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
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
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

	Sample ID	BS 35@1'	BS 35@2'	BS 35@3'	BS 35@4'	BS 36@1'	BS 36@2'	BS 36@3'	BS 36@4'	BS37@1'	BS 37@2'	BS 37@3'	BS 37@4'	BS 38@1'	BS 38@2'	BS 38@3'	BS 38@4'	BS 39@1'
Analyte	Date	10/13/22	10/13/22	10/13/22	10/13/22	10/13/22	10/13/22	10/13/22	10/13/22	10/13/22	10/13/22	10/13/22	10/13/22	10/13/22	10/13/22	10/13/22	10/13/22	10/13/22
		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
Toluene		<0.050	<0.050	<0.050	0.066	< 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
Total Xylenes		<0.150	<0.150	<0.0150	<0.0150	<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
Chloride		<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	16.0	32.0	16.0	32.0	16.0	32.0	32.0	64.0	32.0
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
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
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

	Sample ID	BS 39@2'	BS 39@3'	BS 39@4'	BS 40@1'	BS 40@2'	BS 40@3'	BS 40@4'	BS 41@1'	BS 41@2'	BS 41@3'	BS 41@4'	BS 42@1'	BS 42@2'	BS 42@3'	BS 42@4'	BS 43@1'	BS 43@2'	BS 43@3'
Analyte	Date	10/13/22	10/13/22	10/13/22	10/13/22	10/13/22	10/13/22	10/13/22	10/13/22	10/13/22	10/13/22	10/13/22	10/13/22	10/13/22	10/13/22	10/13/22	10/13/22	10/13/22	10/13/22
		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	<0.0150	<0.0150	<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		48.0	16.0	16.0	32.0	16.0	32.0	16.0	48.0	48.0	32.0	32.0	32.0	48.0	32.0	<16.0	<16.0	48.0	32.0
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 43@4'	BS44@1'	BS 44@2'	BS44@3'	BS 44@4'	BS45@1'	BS45@2'	BS 45@3'	BS 45@4'	BS 46@1'	BS 46@2'	BS 46@3'	BS 46@4'	BS 47@1'	BS 47@2'	BS 47@3'	BS 47@4'
Analyte	Date	10/13/22	10/13/22	10/13/22	10/13/22	10/13/22	10/13/22	10/13/22	10/13/22	10/13/22	10/13/22	10/13/22	10/13/22	10/13/22	10/13/22	10/13/22	10/13/22	10/13/22
		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
Toluene		<0.050	<0.050	<0.050	0.066	<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
Total Xylenes		<0.150	<0.150	<0.0150	<0.0150	<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
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
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
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
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

	Sample ID	BS 48@1'	BS 48@2'	BS 48@3'	BS 48@4'	BS 49@1'	BS 49@2'	BS 49@3'	BS 49@4'	BS 50@1'	BS 50@2'	BS 50@3'	BS 50@4'	BS 51@1'	BS 51@2'	BS 51@3'	BS 51@4'	BS 52@1'
Analyte	Date	10/14/22	10/14/22	10/14/22	10/14/22	10/14/22	10/14/22	10/14/22	10/14/22	10/14/22	10/14/22	10/14/22	10/14/22	10/14/22	10/14/22	10/14/22	10/14/22	10/14/22
		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
Toluene		<0.050	<0.050	<0.050	0.066	<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
Total Xylenes		<0.150	<0.150	<0.0150	<0.0150	<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
Chloride		<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	32.0	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
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
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

	Sample ID	BS 52@2'	BS 52@3'	BS 52@4'	BS 53@1'	BS 53@2'	BS 53@3'	BS 53@4'	BS 54@1'	BS 54@2'	BS 54@3'	BS 54@4'	BS 55@1'	BS 55@2'	BS 55@3'	BS 55@4'	BS 56@1'	BS 56@2'	BS 56@3'
Analyte	Date	10/14/22	10/14/22	10/14/22	10/14/22	10/14/22	10/14/22	10/14/22	10/14/22	10/14/22	10/14/22	10/14/22	10/14/22	10/14/22	10/14/22	10/14/22	10/14/22	10/14/22	10/14/22
		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	0.066	<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	<0.0150	<0.0150	<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	64.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	32.0	<16.0	32.0	32.0	16.0	32.0	32.0
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 56@4'	BS 57@1'	BS 57@2'	BS 57@3'	BS 57@4'	BS 58@1'	BS 58@2'	BS 58@3'	BS 58@4'	BS 59@1'	BS 59@2'	BS 59@3'	BS 59@4'	BS 60@1'	BS 60@2'	BS 60@3'	BS 60@4'
Analyte	Date	10/14/22	10/14/22	10/14/22	10/14/22	10/14/22	10/14/22	10/14/22	10/14/22	10/14/22	10/14/22	10/14/22	10/14/22	10/14/22	10/14/22	10/14/22	10/14/22	10/14/22
		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
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
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
Total Xylenes		<0.150	<0.150	<0.0150	<0.0150	<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
Chloride		32.0	16.0	32.0	32.0	32.0	16.0	16.0	32.0	16.0	16.0	48.0	16.0	32.0	32.0	32.0	80.0	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
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
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

	Sample ID	BS 61@1'	BS 61@2'	BS 61@3'	BS 61@4'	BS 62@1'	BS 62@2'	BS 62@3'	BS 62@4'	BS 63@1'	BS 63@2'	BS 63@3'	BS 63@4'	BS 64@1'	BS 64@2'	BS 64@3'	BS 64@4'	BS 65@1'	BS 65@2'
Analyte	Date	10/14/22	10/14/22	10/14/22	10/14/22	10/14/22	10/14/22	10/14/22	10/14/22	10/14/22	10/14/22	10/14/22	10/14/22	10/14/22	10/14/22	10/14/22	10/14/22	10/17/22	10/17/22
		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	0.066	<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	<0.0150	<0.0150	<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		64.0	<16.0	48.0	32.0	48.0	96.0	16.0	32.0	64.0	32.0	48.0	64.0	48.0	32.0	<16.0	<16.0	<16.0	32.0
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 65@3'	BS 65@4'	BS 66@1'	BS 66@2'	BS 66@3'	BS 66@4'	BS 67@1'	BS 67@2'	BS 67@3'	BS 67@4'	BS 68@1'	BS 68@2'	BS 68@3'	BS 68@4'	BS 69@1'	BS 69@2'	BS 69@3'	BS 69@4'
Analyte	Date	10/17/22	10/17/22	10/17/22	10/17/22	10/17/22	10/17/22	10/17/22	10/17/22	10/17/22	10/17/22	10/17/22	10/17/22	10/17/22	10/17/22	10/17/22	10/17/22	10/17/22	10/17/22
		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	<0.0150	<0.0150	<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	32.0	48.0	32.0	32.0	32.0	64.0	64.0	16.0	32.0	32.0	48.0	32.0	48.0	32.0	48.0	32.0	32.0
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 70@1'	BS 70@2'	BS 70@3'	BS 70@4'	BS 71@1'	BS 71@2'	BS 71@3'	BS 71@4'	BS 72@1'	BS 72@2'	BS 72@3'	BS 72@4'	BS 73@1'	BS 73@2'	BS 73@3'	BS73@4'	BS74@1'	BS 74@2'
Analyte	Date	10/17/22	10/17/22	10/17/22	10/17/22	10/17/22	10/17/22	10/17/22	10/17/22	10/17/22	10/17/22	10/17/22	10/17/22	10/17/22	10/17/22	10/17/22	10/17/22	10/17/22	10/17/22
		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	<0.0150	<0.0150	<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		32.0	32.0	16.0	<16.0	<16.0	32.0	48.0	16.0	32.0	32.0	32.0	32.0	32.0	64.0	64.0	96.0	32.0	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 74@3'	BS 74@4'	BS 75@1'	BS 75@2'	BS 75@3'	BS 75@4'	BS 76@1'	BS 76@2'	BS 76@3'	BS 76@4'	BS 77@1'	BS 77@2'	BS 77@3'	BS 77@4'	BS 78@1'	BS 78@2'	BS 78@3'	BS 78@4'
Analyte	Date	10/17/22	10/17/22	10/17/22	10/17/22	10/17/22	10/17/22	10/17/22	10/17/22	10/17/22	10/17/22	10/17/22	10/17/22	10/17/22	10/17/22	10/17/22	10/17/22	10/17/22	10/17/22
		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	<0.0150	<0.0150	<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		48.0	48.0	32.0	32.0	32.0	16.0	32.0	16.0	32.0	16.0	32.0	32.0	32.0	32.0	16.0	16.0	32.0	32.0
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	15.6	<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 79 @1'	BS 79@2'	BS 79@3'	BS 79@4'	BS 80@1'	BS 80@2'	BS 80@3'	BS 80@4'	BS 81@1'	BS 81@2'	BS 81@3'	BS 81@4'	BS 82@1'	BS 82@2'	BS 82@3'	BS 82@4'	BS 83@1'	BS 83@2'
Analyte	Date	10/18/22	10/18/22	10/18/22	10/18/22	10/18/22	10/18/22	10/18/22	10/18/22	10/18/22	10/18/22	10/18/22	10/18/22	10/18/22	10/18/22	10/18/22	10/18/22	10/18/22	10/18/22
		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	<0.0150	<0.0150	<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	32.0	16.0	16.0	32.0	16.0	16.0	32.0	32.0	16.0	32.0	<16.0	<16.0	16.0	<16.0	<16.0	32.0	<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 83@3'	BS 83@4'	BS 84@1'	BS 84@2'	BS 84@3'	BS 84@4'	BS 85@1'	BS 85@2'	BS 85@3'	BS 85@4'	BS 86@1'	BS 86@2'	BS 86@3'	BS 86@4'	BS 87@1'	BS 87@2'	BS 87@3'	BS 87@4'
Analyte	Date	10/18/22	10/18/22	10/18/22	10/18/22	10/18/22	10/18/22	10/18/22	10/18/22	10/18/22	10/18/22	10/18/22	10/18/22	10/18/22	10/18/22	10/18/22	10/18/22	10/18/22	10/18/22
		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	<0.0150	<0.0150	<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	32.0	32.0	16.0	16.0	32.0	16.0	16.0	32.0	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 88@1'	BS 88@2'	BS 88@3'	BS 88@4'	BS 89@1'	BS 89@2'	BS 89@3'	BS 89@4'	BS 90@1'	BS 90@2'	BS 90@3'	BS 90@4'	BS 91@1'	BS 91@2'	BS 91@3'	BS 91@4'	BS 92@1'	BS 92@2'
Analyte	Date	10/18/22	10/18/22	10/18/22	10/18/22	10/18/22	10/18/22	10/18/22	10/18/22	10/18/22	10/18/22	10/18/22	10/18/22	10/18/22	10/18/22	10/18/22	10/18/22	10/18/22	10/18/22
		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	<0.0150	<0.0150	<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		32.0	16.0	16.0	16.0	32.0	16.0	32.0	16.0	16.0	32.0	<16.0	32.0	<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 92@3'	BS 92@4'	BS 93@1'	BS 93@2'	BS 93@3'	BS 93@4'	BS 94@1'	BS 94@2'	BS 94@3'	9S 94@4'	BS 95@1'	BS 95@2'	BS 95@3'	BS 95@4'	BS 96@1'	BS 96@2'	BS 96@3'	BS 96@4'
Analyte	Date	10/18/22	10/18/22	10/18/22	10/18/22	10/18/22	10/18/22	10/19/22	10/19/22	10/19/22	10/19/22	10/19/22	10/19/22	10/19/22	10/19/22	10/19/22	10/19/22	10/19/22	10/19/22
		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	<0.0150	<0.0150	<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		32.0	16.0	16.0	16.0	32.0	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

														BS	BS	BS	BS		
	Sample ID	BS 97@1'	BS 97@2'	BS97@3'	BS 97@4'	BS 98@1'	BS 98@2'	BS 98@3'	BS 98@4'	BS 99@1'	BS 99@2'	BS 99@3'	BS 99@4'	100@1'	100@2'	100@3'	100@4'	BS 101@1'	BS 101@2'
Analyte	Date	10/19/22	10/19/22	10/19/22	10/19/22	10/19/22	10/19/22	10/19/22	10/19/22	10/19/22	10/19/22	10/19/22	10/19/22	10/19/22	10/19/22	10/19/22	10/19/22	10/19/22	10/19/22
		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	<0.0150	<0.0150	<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	32.0	32.0	<16.0	32.0	32.0	32.0	64.0	16.0	16.0	32.0	48.0	32.0	32.0	32.0	32.0	48.0	48.0
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

		BS	BS		BS	BS	BS												
	Sample ID	101@3'	101@4'	BS 102@1'	102@2'	102@3'	102@4'	SW 1	SW 2	SW 3	SW 4	SW 5	SW 6	SW 7	SW 8	SW 9	SW 10	SW 11	SW 12
Analyte	Date	10/19/22	10/19/22	10/19/22	10/19/22	10/19/22	10/19/22	10/19/22	10/19/22	10/19/22	10/19/22	10/19/22	10/19/22	10/19/22	10/19/22	10/19/22	10/19/22	10/19/22	10/19/22
		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	<0.0150	<0.0150	<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		32.0	32.0	48.0	64.0	64.0	32.0	96.0	48.0	48.0	48.0	32.0	32.0	48.0	48.0	48.0	64.0	48.0	32.0
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 13	SW 14
Analyte	Date	10/19/22	10/19/22
		mg/kg	mg/kg
Benzene		<0.050	<0.050
Toluene		<0.050	<0.050
Ethylbenzene		<0.050	<0.050
Total Xylenes		<0.150	<0.150
Total BTEX		<0.300	<0.300
Chloride		32.0	48.0
GRO		<10.0	<10.0
DRO		<10.0	<10.0
EXT DRO		<10.0	<10.0



























October 24, 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 10/20/22 11:45.

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/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,

Celey D. Keine

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:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 1 @ 1' (H224933-01)

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	10/22/2022	ND	1.99	99.7	2.00	4.85	
Toluene*	<0.050	0.050	10/22/2022	ND	2.12	106	2.00	4.19	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	1.98	99.1	2.00	4.36	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	5.97	99.6	6.00	5.24	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/21/2022	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	10/21/2022	ND	216	108	200	12.7	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	204	102	200	7.34	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	60.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	67.9	% 46.3-17	8						

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*=Accredited Analyte

Celez D. Keine

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:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 1 @ 2' (H224933-02)

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	10/22/2022	ND	1.99	99.7	2.00	4.85	
Toluene*	<0.050	0.050	10/22/2022	ND	2.12	106	2.00	4.19	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	1.98	99.1	2.00	4.36	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	5.97	99.6	6.00	5.24	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/21/2022	ND	216	108	200	12.7	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	204	102	200	7.34	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	93.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	102	% 46.3-17	8						

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Celeg D. Keine

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:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 1 @ 3' (H224933-03)

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	10/22/2022	ND	1.99	99.7	2.00	4.85	
Toluene*	<0.050	0.050	10/22/2022	ND	2.12	106	2.00	4.19	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	1.98	99.1	2.00	4.36	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	5.97	99.6	6.00	5.24	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/21/2022	ND	216	108	200	12.7	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	204	102	200	7.34	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	83.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	92.3	% 46.3-17	8						

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Celeg D. Keine

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:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 1 @ 4' (H224933-04)

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	10/22/2022	ND	1.99	99.7	2.00	4.85	
Toluene*	<0.050	0.050	10/22/2022	ND	2.12	106	2.00	4.19	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	1.98	99.1	2.00	4.36	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	5.97	99.6	6.00	5.24	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/21/2022	ND	197	98.5	200	3.64	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	199	99.3	200	8.31	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	93.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	103	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 2 @ 1' (H224933-05)

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	10/22/2022	ND	1.99	99.7	2.00	4.85	
Toluene*	<0.050	0.050	10/22/2022	ND	2.12	106	2.00	4.19	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	1.98	99.1	2.00	4.36	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	5.97	99.6	6.00	5.24	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/21/2022	ND	197	98.5	200	3.64	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	199	99.3	200	8.31	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	91.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	101	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 2 @ 2' (H224933-06)

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	10/21/2022	ND	2.22	111	2.00	2.25	
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	1.84	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.02	101	2.00	1.45	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.09	101	6.00	0.907	
Total BTEX	<0.300	0.300	10/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/21/2022	ND	197	98.5	200	3.64	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	199	99.3	200	8.31	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	80.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	89.2	% 46.3-17	8						

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Celeg D. Keine

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:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 2 @ 3' (H224933-07)

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	10/21/2022	ND	2.22	111	2.00	2.25	
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	1.84	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.02	101	2.00	1.45	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.09	101	6.00	0.907	
Total BTEX	<0.300	0.300	10/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/21/2022	ND	197	98.5	200	3.64	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	199	99.3	200	8.31	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	89.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	99.9	% 46.3-17	8						

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Celeg D. Keine

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:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 2 @ 4' (H224933-08)

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	10/21/2022	ND	2.22	111	2.00	2.25	
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	1.84	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.02	101	2.00	1.45	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.09	101	6.00	0.907	
Total BTEX	<0.300	0.300	10/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/21/2022	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	197	98.5	200	3.64	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	199	99.3	200	8.31	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	92.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	101	% 46.3-17	8						

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*=Accredited Analyte

Celeg D. Keine

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:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 3 @ 1' (H224933-09)

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	10/21/2022	ND	2.22	111	2.00	2.25	
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	1.84	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.02	101	2.00	1.45	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.09	101	6.00	0.907	
Total BTEX	<0.300	0.300	10/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/21/2022	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	197	98.5	200	3.64	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	199	99.3	200	8.31	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	84.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	92.9	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 3 @ 2' (H224933-10)

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	10/21/2022	ND	2.22	111	2.00	2.25	
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	1.84	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.02	101	2.00	1.45	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.09	101	6.00	0.907	
Total BTEX	<0.300	0.300	10/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.0	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	214	107	200	3.11	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	206	103	200	5.49	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	85.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	103	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 3 @ 3' (H224933-11)

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	10/21/2022	ND	2.22	111	2.00	2.25	
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	1.84	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.02	101	2.00	1.45	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.09	101	6.00	0.907	
Total BTEX	<0.300	0.300	10/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/21/2022	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	214	107	200	3.11	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	206	103	200	5.49	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	98.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	119 9	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 3 @ 4' (H224933-12)

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	10/21/2022	ND	2.22	111	2.00	2.25	
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	1.84	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.02	101	2.00	1.45	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.09	101	6.00	0.907	
Total BTEX	<0.300	0.300	10/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	87.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/21/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	214	107	200	3.11	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	206	103	200	5.49	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	109 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	132 9	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 4 @ 1' (H224933-13)

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	10/21/2022	ND	2.22	111	2.00	2.25	
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	1.84	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.02	101	2.00	1.45	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.09	101	6.00	0.907	
Total BTEX	<0.300	0.300	10/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/21/2022	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	214	107	200	3.11	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	206	103	200	5.49	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	103	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	122	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 4 @ 2' (H224933-14)

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	10/21/2022	ND	2.22	111	2.00	2.25	
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	1.84	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.02	101	2.00	1.45	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.09	101	6.00	0.907	
Total BTEX	<0.300	0.300	10/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.0	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	214	107	200	3.11	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	206	103	200	5.49	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	106	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	125	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 4 @ 3' (H224933-15)

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	10/21/2022	ND	2.22	111	2.00	2.25	
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	1.84	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.02	101	2.00	1.45	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.09	101	6.00	0.907	
Total BTEX	<0.300	0.300	10/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.0	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	214	107	200	3.11	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	206	103	200	5.49	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	102 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	121 9	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 4 @ 4' (H224933-16)

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	10/21/2022	ND	2.22	111	2.00	2.25	
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	1.84	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.02	101	2.00	1.45	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.09	101	6.00	0.907	
Total BTEX	<0.300	0.300	10/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/21/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	214	107	200	3.11	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	206	103	200	5.49	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	108	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	128	% 46.3-17	8						

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

Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 5 @ 1' (H224933-17)

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	10/21/2022	ND	2.22	111	2.00	2.25	
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	1.84	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.02	101	2.00	1.45	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.09	101	6.00	0.907	
Total BTEX	<0.300	0.300	10/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	87.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	214	107	200	3.11	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	206	103	200	5.49	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	102 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	121 9	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 5 @ 2' (H224933-18)

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	10/21/2022	ND	2.22	111	2.00	2.25	
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	1.84	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.02	101	2.00	1.45	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.09	101	6.00	0.907	
Total BTEX	<0.300	0.300	10/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/21/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	214	107	200	3.11	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	206	103	200	5.49	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	111 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	132	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 5 @ 3' (H224933-19)

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	10/21/2022	ND	2.22	111	2.00	2.25	
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	1.84	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.02	101	2.00	1.45	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.09	101	6.00	0.907	
Total BTEX	<0.300	0.300	10/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/21/2022	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	214	107	200	3.11	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	206	103	200	5.49	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	112 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	135	% 46.3-17	8						

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Celeg D. Keine

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:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 5 @ 4' (H224933-20)

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	10/21/2022	ND	2.22	111	2.00	2.25	
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	1.84	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.02	101	2.00	1.45	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.09	101	6.00	0.907	
Total BTEX	<0.300	0.300	10/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	214	107	200	3.11	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	206	103	200	5.49	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	92.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	113 9	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 6 @ 1' (H224933-21)

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	10/21/2022	ND	2.22	111	2.00	2.25	
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	1.84	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.02	101	2.00	1.45	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.09	101	6.00	0.907	
Total BTEX	<0.300	0.300	10/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/21/2022	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	214	107	200	3.11	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	206	103	200	5.49	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	96.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	102	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 6 @ 2' (H224933-22)

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	10/21/2022	ND	2.22	111	2.00	2.25	
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	1.84	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.02	101	2.00	1.45	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.09	101	6.00	0.907	
Total BTEX	<0.300	0.300	10/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/21/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	214	107	200	3.11	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	206	103	200	5.49	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	103 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	125 9	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 6 @ 3' (H224933-23)

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	10/21/2022	ND	2.22	111	2.00	2.25	
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	1.84	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.02	101	2.00	1.45	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.09	101	6.00	0.907	
Total BTEX	<0.300	0.300	10/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	214	107	200	3.11	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	206	103	200	5.49	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	89.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	109	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 6 @ 4' (H224933-24)

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	10/21/2022	ND	2.22	111	2.00	2.25	
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	1.84	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.02	101	2.00	1.45	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.09	101	6.00	0.907	
Total BTEX	<0.300	0.300	10/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/21/2022	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	214	107	200	3.11	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	206	103	200	5.49	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	93.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	112 9	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 7 @ 1' (H224933-25)

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	10/21/2022	ND	2.22	111	2.00	2.25	
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	1.84	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.02	101	2.00	1.45	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.09	101	6.00	0.907	
Total BTEX	<0.300	0.300	10/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	214	107	200	3.11	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	206	103	200	5.49	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	101	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	123	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 7 @ 2' (H224933-26)

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	10/21/2022	ND	2.22	111	2.00	8.09	
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	7.03	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	102	2.00	7.80	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.13	102	6.00	7.96	
Total BTEX	<0.300	0.300	10/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	214	107	200	3.11	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	206	103	200	5.49	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	94.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	114 9	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 7 @ 3' (H224933-27)

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	10/21/2022	ND	2.22	111	2.00	8.09	
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	7.03	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	102	2.00	7.80	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.13	102	6.00	7.96	
Total BTEX	<0.300	0.300	10/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	214	107	200	3.11	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	206	103	200	5.49	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	92.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	113 9	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 7 @ 4' (H224933-28)

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	10/21/2022	ND	2.22	111	2.00	8.09	
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	7.03	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	102	2.00	7.80	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.13	102	6.00	7.96	
Total BTEX	<0.300	0.300	10/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	87.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/21/2022	ND	214	107	200	3.11	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	206	103	200	5.49	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	90.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	110 9	46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 8 @ 1' (H224933-29)

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	10/21/2022	ND	2.22	111	2.00	8.09	
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	7.03	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	102	2.00	7.80	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.13	102	6.00	7.96	
Total BTEX	<0.300	0.300	10/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/21/2022	ND	214	107	200	3.11	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	206	103	200	5.49	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	95.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	116 9	46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 8 @ 2' (H224933-30)

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	10/21/2022	ND	2.22	111	2.00	8.09	
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	7.03	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	102	2.00	7.80	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.13	102	6.00	7.96	
Total BTEX	<0.300	0.300	10/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	87.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/21/2022	ND	201	100	200	9.69	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	202	101	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	84.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	98.3	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 8 @ 3' (H224933-31)

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	10/21/2022	ND	2.22	111	2.00	8.09	
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	7.03	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	102	2.00	7.80	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.13	102	6.00	7.96	
Total BTEX	<0.300	0.300	10/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/21/2022	ND	201	100	200	9.69	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	202	101	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	115 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	133	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 8 @ 4' (H224933-32)

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	10/21/2022	ND	2.22	111	2.00	8.09	
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	7.03	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	102	2.00	7.80	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.13	102	6.00	7.96	
Total BTEX	<0.300	0.300	10/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.0	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/21/2022	ND	201	100	200	9.69	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	202	101	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	114 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	133	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 9 @ 1' (H224933-33)

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	10/21/2022	ND	2.22	111	2.00	8.09	
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	7.03	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	102	2.00	7.80	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.13	102	6.00	7.96	
Total BTEX	<0.300	0.300	10/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	87.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/21/2022	ND	201	100	200	9.69	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	202	101	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	110 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	129	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 9 @ 2' (H224933-34)

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	10/21/2022	ND	2.22	111	2.00	8.09	
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	7.03	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	102	2.00	7.80	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.13	102	6.00	7.96	
Total BTEX	<0.300	0.300	10/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.0	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/21/2022	ND	201	100	200	9.69	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	202	101	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	115 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	135	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 9 @ 3' (H224933-35)

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	10/21/2022	ND	2.22	111	2.00	8.09	
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	7.03	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	102	2.00	7.80	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.13	102	6.00	7.96	
Total BTEX	<0.300	0.300	10/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	88.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/21/2022	ND	201	100	200	9.69	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	202	101	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	114 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	135	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 9 @ 4' (H224933-36)

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	10/21/2022	ND	2.22	111	2.00	8.09	
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	7.03	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	102	2.00	7.80	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.13	102	6.00	7.96	
Total BTEX	<0.300	0.300	10/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/21/2022	ND	201	100	200	9.69	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	202	101	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	120	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	141	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 10 @ 1' (H224933-37)

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	10/21/2022	ND	2.22	111	2.00	8.09	
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	7.03	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	102	2.00	7.80	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.13	102	6.00	7.96	
Total BTEX	<0.300	0.300	10/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/21/2022	ND	201	100	200	9.69	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	202	101	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	115 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	134	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 10 @ 2' (H224933-38)

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	10/21/2022	ND	2.22	111	2.00	8.09	
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	7.03	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	102	2.00	7.80	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.13	102	6.00	7.96	
Total BTEX	<0.300	0.300	10/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/21/2022	ND	201	100	200	9.69	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	202	101	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	121	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	141	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 10 @ 3' (H224933-39)

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	10/21/2022	ND	2.22	111	2.00	8.09	
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	7.03	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	102	2.00	7.80	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.13	102	6.00	7.96	
Total BTEX	<0.300	0.300	10/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	88.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/21/2022	ND	201	100	200	9.69	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	202	101	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	109	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	128	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 10 @ 4' (H224933-40)

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	10/22/2022	ND	2.22	111	2.00	8.09	
Toluene*	<0.050	0.050	10/22/2022	ND	2.10	105	2.00	7.03	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.03	102	2.00	7.80	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.13	102	6.00	7.96	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/21/2022	ND	201	100	200	9.69	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	202	101	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	105	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	122	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 11 @ 1' (H224933-41)

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	10/22/2022	ND	2.22	111	2.00	8.09	
Toluene*	<0.050	0.050	10/22/2022	ND	2.10	105	2.00	7.03	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.03	102	2.00	7.80	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.13	102	6.00	7.96	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/21/2022	ND	201	100	200	9.69	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	202	101	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	110	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	124	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 11 @ 2' (H224933-42)

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	10/22/2022	ND	2.22	111	2.00	8.09	
Toluene*	<0.050	0.050	10/22/2022	ND	2.10	105	2.00	7.03	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.03	102	2.00	7.80	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.13	102	6.00	7.96	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.0	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/21/2022	ND	201	100	200	9.69	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	202	101	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	115 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	135 9	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 11 @ 3' (H224933-43)

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	10/22/2022	ND	2.22	111	2.00	8.09	
Toluene*	<0.050	0.050	10/22/2022	ND	2.10	105	2.00	7.03	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.03	102	2.00	7.80	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.13	102	6.00	7.96	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	87.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/21/2022	ND	201	100	200	9.69	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	202	101	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	113 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	133	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 11 @ 4' (H224933-44)

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	10/22/2022	ND	2.22	111	2.00	8.09	
Toluene*	<0.050	0.050	10/22/2022	ND	2.10	105	2.00	7.03	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.03	102	2.00	7.80	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.13	102	6.00	7.96	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/21/2022	ND	201	100	200	9.69	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	202	101	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	112 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	133 9	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 12 @ 1' (H224933-45)

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	10/22/2022	ND	2.22	111	2.00	8.09	
Toluene*	<0.050	0.050	10/22/2022	ND	2.10	105	2.00	7.03	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.03	102	2.00	7.80	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.13	102	6.00	7.96	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	88.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/21/2022	ND	201	100	200	9.69	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	202	101	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	114 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	135	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 12 @ 2' (H224933-46)

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	10/21/2022	ND	2.06	103	2.00	7.04	
Toluene*	<0.050	0.050	10/21/2022	ND	2.07	103	2.00	7.79	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	101	2.00	7.77	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.20	103	6.00	8.20	
Total BTEX	<0.300	0.300	10/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/21/2022	ND	201	100	200	9.69	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	202	101	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	112 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	133	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 12 @ 3' (H224933-47)

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	10/21/2022	ND	2.06	103	2.00	7.04	
Toluene*	<0.050	0.050	10/21/2022	ND	2.07	103	2.00	7.79	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	101	2.00	7.77	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.20	103	6.00	8.20	
Total BTEX	<0.300	0.300	10/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/21/2022	ND	201	100	200	9.69	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	202	101	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	111 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	129	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 12 @ 4' (H224933-48)

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	10/21/2022	ND	2.06	103	2.00	7.04	
Toluene*	<0.050	0.050	10/21/2022	ND	2.07	103	2.00	7.79	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	101	2.00	7.77	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.20	103	6.00	8.20	
Total BTEX	<0.300	0.300	10/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/21/2022	ND	201	100	200	9.69	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	202	101	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	111 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	131 9	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 13 @ 1' (H224933-49)

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	10/21/2022	ND	2.06	103	2.00	7.04	
Toluene*	<0.050	0.050	10/21/2022	ND	2.07	103	2.00	7.79	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	101	2.00	7.77	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.20	103	6.00	8.20	
Total BTEX	<0.300	0.300	10/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/21/2022	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	10/21/2022	ND	201	100	200	9.69	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	202	101	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	111 %	6 45.3-16	1						
Surrogate: 1-Chlorooctadecane	131 9	46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 13 @ 2' (H224933-50)

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	10/21/2022	ND	2.06	103	2.00	7.04	
Toluene*	<0.050	0.050	10/21/2022	ND	2.07	103	2.00	7.79	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	101	2.00	7.77	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.20	103	6.00	8.20	
Total BTEX	<0.300	0.300	10/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/21/2022	ND	197	98.5	200	3.64	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	199	99.3	200	8.31	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	102	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	114 9	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 13 @ 3' (H224933-51)

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	10/21/2022	ND	2.06	103	2.00	7.04	
Toluene*	<0.050	0.050	10/21/2022	ND	2.07	103	2.00	7.79	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	101	2.00	7.77	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.20	103	6.00	8.20	
Total BTEX	<0.300	0.300	10/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/21/2022	ND	197	98.5	200	3.64	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	199	99.3	200	8.31	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	106	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	118 9	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 13 @ 4' (H224933-52)

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	10/21/2022	ND	2.06	103	2.00	7.04	
Toluene*	<0.050	0.050	10/21/2022	ND	2.07	103	2.00	7.79	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	101	2.00	7.77	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.20	103	6.00	8.20	
Total BTEX	<0.300	0.300	10/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/21/2022	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	10/21/2022	ND	197	98.5	200	3.64	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	199	99.3	200	8.31	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	107 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	119 9	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 14 @ 1' (H224933-53)

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	10/21/2022	ND	2.06	103	2.00	7.04	
Toluene*	<0.050	0.050	10/21/2022	ND	2.07	103	2.00	7.79	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	101	2.00	7.77	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.20	103	6.00	8.20	
Total BTEX	<0.300	0.300	10/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/21/2022	ND	197	98.5	200	3.64	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	199	99.3	200	8.31	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	103	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	112 9	46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 14 @ 2' (H224933-54)

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	10/21/2022	ND	2.06	103	2.00	7.04	
Toluene*	<0.050	0.050	10/21/2022	ND	2.07	103	2.00	7.79	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	101	2.00	7.77	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.20	103	6.00	8.20	
Total BTEX	<0.300	0.300	10/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/21/2022	ND	197	98.5	200	3.64	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	199	99.3	200	8.31	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	105 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	118 9	46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 14 @ 3' (H224933-55)

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	10/21/2022	ND	2.06	103	2.00	7.04	
Toluene*	<0.050	0.050	10/21/2022	ND	2.07	103	2.00	7.79	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	101	2.00	7.77	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.20	103	6.00	8.20	
Total BTEX	<0.300	0.300	10/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/21/2022	ND	197	98.5	200	3.64	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	199	99.3	200	8.31	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	125 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	139 9	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 14 @ 4' (H224933-56)

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	10/21/2022	ND	2.06	103	2.00	7.04	
Toluene*	<0.050	0.050	10/21/2022	ND	2.07	103	2.00	7.79	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	101	2.00	7.77	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.20	103	6.00	8.20	
Total BTEX	<0.300	0.300	10/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/21/2022	ND	197	98.5	200	3.64	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	199	99.3	200	8.31	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	99.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	107 9	46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 15 @ 1' (H224933-57)

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	10/21/2022	ND	2.06	103	2.00	7.04	
Toluene*	<0.050	0.050	10/21/2022	ND	2.07	103	2.00	7.79	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	101	2.00	7.77	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.20	103	6.00	8.20	
Total BTEX	<0.300	0.300	10/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/21/2022	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	10/21/2022	ND	197	98.5	200	3.64	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	199	99.3	200	8.31	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	108	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	119 9	46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 15 @ 2' (H224933-58)

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	10/21/2022	ND	2.06	103	2.00	7.04	
Toluene*	<0.050	0.050	10/21/2022	ND	2.07	103	2.00	7.79	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	101	2.00	7.77	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.20	103	6.00	8.20	
Total BTEX	<0.300	0.300	10/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/21/2022	ND	197	98.5	200	3.64	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	199	99.3	200	8.31	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	108	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	118 9	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 15 @ 3' (H224933-59)

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	10/21/2022	ND	2.06	103	2.00	7.04	
Toluene*	<0.050	0.050	10/21/2022	ND	2.07	103	2.00	7.79	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	101	2.00	7.77	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.20	103	6.00	8.20	
Total BTEX	<0.300	0.300	10/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/21/2022	ND	197	98.5	200	3.64	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	199	99.3	200	8.31	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	105	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	112 9	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 15 @ 4' (H224933-60)

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	10/21/2022	ND	2.06	103	2.00	7.04	
Toluene*	<0.050	0.050	10/21/2022	ND	2.07	103	2.00	7.79	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	101	2.00	7.77	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.20	103	6.00	8.20	
Total BTEX	<0.300	0.300	10/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/21/2022	ND	197	98.5	200	3.64	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	199	99.3	200	8.31	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	106	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	115 9	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 16 @ 1' (H224933-61)

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	10/21/2022	ND	2.06	103	2.00	7.04	
Toluene*	<0.050	0.050	10/21/2022	ND	2.07	103	2.00	7.79	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	101	2.00	7.77	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.20	103	6.00	8.20	
Total BTEX	<0.300	0.300	10/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/21/2022	ND	197	98.5	200	3.64	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	199	99.3	200	8.31	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	107	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	117 9	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 16 @ 2' (H224933-62)

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	10/21/2022	ND	2.06	103	2.00	7.04	
Toluene*	<0.050	0.050	10/21/2022	ND	2.07	103	2.00	7.79	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	101	2.00	7.77	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.20	103	6.00	8.20	
Total BTEX	<0.300	0.300	10/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/21/2022	ND	197	98.5	200	3.64	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	199	99.3	200	8.31	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	106	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	117 9	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 16 @ 3' (H224933-63)

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	10/21/2022	ND	2.06	103	2.00	7.04	
Toluene*	<0.050	0.050	10/21/2022	ND	2.07	103	2.00	7.79	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	101	2.00	7.77	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.20	103	6.00	8.20	
Total BTEX	<0.300	0.300	10/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/21/2022	ND	197	98.5	200	3.64	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	199	99.3	200	8.31	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	108	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	119 9	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 16 @ 4' (H224933-64)

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	10/21/2022	ND	2.06	103	2.00	7.04	
Toluene*	<0.050	0.050	10/21/2022	ND	2.07	103	2.00	7.79	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	101	2.00	7.77	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.20	103	6.00	8.20	
Total BTEX	<0.300	0.300	10/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/21/2022	ND	204	102	200	7.93	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	204	102	200	7.65	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	111 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	118 9	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 17 @ 1' (H224933-65)

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	10/21/2022	ND	2.06	103	2.00	7.04	
Toluene*	<0.050	0.050	10/21/2022	ND	2.07	103	2.00	7.79	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	101	2.00	7.77	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.20	103	6.00	8.20	
Total BTEX	<0.300	0.300	10/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/21/2022	ND	204	102	200	7.93	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	204	102	200	7.65	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	105	45.3-16	1						
Surrogate: 1-Chlorooctadecane	111 9	46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 17 @ 2' (H224933-66)

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	10/22/2022	ND	2.22	111	2.00	0.427	
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	0.730	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.04	102	2.00	0.336	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.17	103	6.00	0.142	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/21/2022	ND	204	102	200	7.93	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	204	102	200	7.65	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	111 9	<i>45.3-16</i>	1						
Surrogate: 1-Chlorooctadecane	118 9	46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 17 @ 3' (H224933-67)

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	10/22/2022	ND	2.22	111	2.00	0.427	
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	0.730	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.04	102	2.00	0.336	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.17	103	6.00	0.142	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	88.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/21/2022	ND	204	102	200	7.93	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	204	102	200	7.65	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	106	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	113 9	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 17 @ 4' (H224933-68)

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	10/22/2022	ND	2.22	111	2.00	0.427	
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	0.730	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.04	102	2.00	0.336	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.17	103	6.00	0.142	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	204	102	200	7.93	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	204	102	200	7.65	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	109 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	116 9	46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 18 @ 1' (H224933-69)

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	10/22/2022	ND	2.22	111	2.00	0.427	
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	0.730	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.04	102	2.00	0.336	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.17	103	6.00	0.142	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	204	102	200	7.93	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	204	102	200	7.65	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	109	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	115 9	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 18 @ 2' (H224933-70)

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	10/22/2022	ND	2.22	111	2.00	0.427	
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	0.730	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.04	102	2.00	0.336	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.17	103	6.00	0.142	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	204	102	200	7.93	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	204	102	200	7.65	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	93.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	99.0	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 18 @ 3' (H224933-71)

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	10/22/2022	ND	2.22	111	2.00	0.427	
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	0.730	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.04	102	2.00	0.336	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.17	103	6.00	0.142	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	204	102	200	7.93	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	204	102	200	7.65	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	104	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	110	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 18 @ 4' (H224933-72)

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	10/22/2022	ND	2.22	111	2.00	0.427	
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	0.730	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.04	102	2.00	0.336	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.17	103	6.00	0.142	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	204	102	200	7.93	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	204	102	200	7.65	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	101	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	108	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 19 @ 1' (H224933-73)

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	10/22/2022	ND	2.22	111	2.00	0.427	
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	0.730	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.04	102	2.00	0.336	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.17	103	6.00	0.142	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	204	102	200	7.93	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	204	102	200	7.65	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	108 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	115 9	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 19 @ 2' (H224933-74)

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	10/22/2022	ND	2.22	111	2.00	0.427	
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	0.730	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.04	102	2.00	0.336	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.17	103	6.00	0.142	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	204	102	200	7.93	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	204	102	200	7.65	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	103	45.3-16	1						
Surrogate: 1-Chlorooctadecane	112 9	46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 19 @ 3' (H224933-75)

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	10/22/2022	ND	2.22	111	2.00	0.427	
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	0.730	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.04	102	2.00	0.336	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.17	103	6.00	0.142	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	204	102	200	7.93	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	204	102	200	7.65	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	101	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	107 :	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 19 @ 4' (H224933-76)

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	10/22/2022	ND	2.22	111	2.00	0.427	
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	0.730	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.04	102	2.00	0.336	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.17	103	6.00	0.142	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.0	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	204	102	200	7.93	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	204	102	200	7.65	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	106 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	112 9	46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 20 @ 1' (H224933-77)

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	10/22/2022	ND	2.22	111	2.00	0.427	
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	0.730	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.04	102	2.00	0.336	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.17	103	6.00	0.142	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	204	102	200	7.93	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	204	102	200	7.65	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	106	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	112 9	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 20 @ 2' (H224933-78)

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	10/22/2022	ND	2.22	111	2.00	0.427	
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	0.730	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.04	102	2.00	0.336	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.17	103	6.00	0.142	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	204	102	200	7.93	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	204	102	200	7.65	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	106	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	113 9	46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 20 @ 3' (H224933-79)

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	10/22/2022	ND	2.22	111	2.00	0.427	
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	0.730	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.04	102	2.00	0.336	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.17	103	6.00	0.142	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	204	102	200	7.93	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	204	102	200	7.65	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	99.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	101 9	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 20 @ 4' (H224933-80)

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	10/22/2022	ND	2.22	111	2.00	0.427	
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	0.730	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.04	102	2.00	0.336	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.17	103	6.00	0.142	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	204	102	200	7.93	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	204	102	200	7.65	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	95.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	96.0	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 21 @ 1' (H224933-81)

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	10/22/2022	ND	2.22	111	2.00	0.427	
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	0.730	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.04	102	2.00	0.336	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.17	103	6.00	0.142	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	204	102	200	7.93	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	204	102	200	7.65	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	102	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	104	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 21 @ 2' (H224933-82)

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	10/22/2022	ND	2.22	111	2.00	0.427	
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	0.730	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.04	102	2.00	0.336	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.17	103	6.00	0.142	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	204	102	200	7.93	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	204	102	200	7.65	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	112 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	113 9	46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 21 @ 3' (H224933-83)

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	10/22/2022	ND	2.22	111	2.00	0.427	
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	0.730	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.04	102	2.00	0.336	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.17	103	6.00	0.142	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	204	102	200	7.93	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	204	102	200	7.65	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	107	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	106	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 21 @ 4' (H224933-84)

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	10/22/2022	ND	2.22	111	2.00	0.427	
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	0.730	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.04	102	2.00	0.336	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.17	103	6.00	0.142	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	203	101	200	6.95	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	186	93.0	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	125	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	148	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 22 @ 1' (H224933-85)

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	10/22/2022	ND	2.22	111	2.00	0.427	
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	0.730	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.04	102	2.00	0.336	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.17	103	6.00	0.142	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	203	101	200	6.95	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	186	93.0	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	109	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	128	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 22 @ 2' (H224933-86)

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	10/22/2022	ND	2.12	106	2.00	2.42	
Toluene*	<0.050	0.050	10/22/2022	ND	2.04	102	2.00	1.77	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	1.95	97.5	2.00	1.71	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	5.88	98.0	6.00	2.48	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/21/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	203	101	200	6.95	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	186	93.0	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	95.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	114 9	46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 22 @ 3' (H224933-87)

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	10/22/2022	ND	2.12	106	2.00	2.42	
Toluene*	<0.050	0.050	10/22/2022	ND	2.04	102	2.00	1.77	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	1.95	97.5	2.00	1.71	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	5.88	98.0	6.00	2.48	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/21/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	203	101	200	6.95	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	186	93.0	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	114 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	136 9	46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 22 @ 4' (H224933-88)

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	10/22/2022	ND	2.12	106	2.00	2.42	
Toluene*	<0.050	0.050	10/22/2022	ND	2.04	102	2.00	1.77	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	1.95	97.5	2.00	1.71	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	5.88	98.0	6.00	2.48	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.0	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/21/2022	ND	203	101	200	6.95	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	186	93.0	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	108	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	129	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 23 @ 1' (H224933-89)

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	10/22/2022	ND	2.12	106	2.00	2.42	
Toluene*	<0.050	0.050	10/22/2022	ND	2.04	102	2.00	1.77	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	1.95	97.5	2.00	1.71	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	5.88	98.0	6.00	2.48	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/21/2022	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	10/21/2022	ND	203	101	200	6.95	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	186	93.0	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	83.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	98.9	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 23 @ 2' (H224933-90)

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	10/22/2022	ND	2.12	106	2.00	2.42	
Toluene*	<0.050	0.050	10/22/2022	ND	2.04	102	2.00	1.77	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	1.95	97.5	2.00	1.71	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	5.88	98.0	6.00	2.48	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/21/2022	ND	203	101	200	6.95	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	186	93.0	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	79.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	94.8	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 23 @ 3' (H224933-91)

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	10/23/2022	ND	2.12	106	2.00	2.42	
Toluene*	<0.050	0.050	10/23/2022	ND	2.04	102	2.00	1.77	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	1.95	97.5	2.00	1.71	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	5.88	98.0	6.00	2.48	
Total BTEX	<0.300	0.300	10/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/21/2022	ND	203	101	200	6.95	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	186	93.0	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	104	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	123	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 23 @ 4' (H224933-92)

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	10/23/2022	ND	2.12	106	2.00	2.42	
Toluene*	<0.050	0.050	10/23/2022	ND	2.04	102	2.00	1.77	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	1.95	97.5	2.00	1.71	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	5.88	98.0	6.00	2.48	
Total BTEX	<0.300	0.300	10/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/21/2022	ND	203	101	200	6.95	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	186	93.0	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	89.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	107 :	% 46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

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:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 24 @ 1' (H224933-93)

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	10/23/2022	ND	2.12	106	2.00	2.42	
Toluene*	<0.050	0.050	10/23/2022	ND	2.04	102	2.00	1.77	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	1.95	97.5	2.00	1.71	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	5.88	98.0	6.00	2.48	
Total BTEX	<0.300	0.300	10/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/21/2022	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	10/21/2022	ND	203	101	200	6.95	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	186	93.0	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	117 %	6 45.3-16	1						
Surrogate: 1-Chlorooctadecane	140 9	46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

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:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 24 @ 2' (H224933-94)

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	10/23/2022	ND	2.12	106	2.00	2.42	
Toluene*	<0.050	0.050	10/23/2022	ND	2.04	102	2.00	1.77	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	1.95	97.5	2.00	1.71	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	5.88	98.0	6.00	2.48	
Total BTEX	<0.300	0.300	10/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.7	% 69.9-14	0						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/21/2022	ND	203	101	200	6.95	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	186	93.0	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	116	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	138	% 46.3-17	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

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

Project Manager: Cliffor	BILL TO	
rivject manager: Cliff Brunson	P.O. #:	ANALYSIS
Address: P.O. Box 805		
city: Hobbs State: NM	Zin: 88241	
Phone #: 575-397-6388 Fax #: 57	5-307-0307	
5	0001	
Project Name: SDS 11 FEDERAL #1 /0/17/46 4	City:	
	(16/17,3/31/17) State: Zip:	
Project Location: New Mexico	-	
Sampler Name: SIMON	Prinone #:	
٦	Fax #:	-
	MATRIX PRESERV.	SAMPLING
Lab I.D. Sample I.D.	: ASE:	HON EX HEX
1224933	CON ROU VASTI OIL IL LUDG THER CID/B E / CO THER	CV BT
1 BOTTOM SAMPLE 1@1'		10/11/22 0-3EAM
L BUITOM SAMPLE 1@2'		
3 BOTTOM SAMPLE 1@3"	T/OT	1U/11/22 8:33AM V V
-	10/11/22	1/22 8:40AM 🖌 🖌 🖌
BOTTOM SAMPLE 201	10/11/22	1/22 8:48AM ✓ ✓ ✓
BOTTOM SAMPLE 2001	10/11/22	1/22 8:55AM / / /
DOTTOM SAMPLE 2003	10/1	10/11/22 9:04AM 🖌 🖌 🖌
4	10/11/22	122 9:12AM V V V
9 BOTTOM SAMPI E 301	10/11	10/11/22 9:20AM V V V
10 BOTTOM SAMPIE 2001	10/11	10/11/22 9:27AM V V V
PLEASE NOTE: Liability and Damages. Cardinar's liability and clauses. Cardinar's liability and clauses.	10/11/22	22 9:34AM J J
I for negligence and any other cause who be liable for incidental or consequental do f or reliated to the performance of service	Issues values of a way gain arising whether based in contract or lost, shall be limited to the amount paid by the client for the issues that be deemed waived unless made in writing and received by Candhai within 30 days after completion of the a simages, including without limitation, business interruptions, loss of used by the sole of the sister completion of the asset she she waived by Candhai within 30 days after completion of the asset she waived by Candhai within 30 days after completion of the asset she waived by Candhai within 30 days after completion of the asset she waived by Candhai within 30 days after completion of the asset she waived by Candhai within 30 days after completion of the asset she waived by Candhai within 30 days after completion of the asset she waived by Candhai within 30 days after completion of the asset she waived by Candhai within 30 days after completion of the asset she waived by Candhai within 30 days after completion of the asset she waived by Candhai waived by Candha	unt paid by the client for the ys after completion of the applicable of by client, its subsidiaries,
Low	Received BY:	Phone Result: Yes No Add'l Phone #:
Relinquished By: Date:	Received Rv:	

Received by OCD: 11/18/2022 5:39:50 PM

Sampler - UPS - Bus - Other:

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

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Ves Yes Ve Sample Conditio

Yes No

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Delivered By: (Circle One)

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Page 97 of 106

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

Company Name:	BBC International, Inc.	, Inc.		B11 7			
Project Manager	Project Manager: Cliff Brunson			DO #	6		ANALYSIS REQUEST
Address: P.O. Box 805	Box 805						
city: Hobbs		State: NM	7. 000/4	company: Oxy			
Phone #: 575-397-6388		Fav #: 575	575-307 M307	Attn:			
Project #:				Address:			
		Project Owner: UXy	r: UXY	City:			
Project Name: O	Project Name: SUS 11 FEUERAL #1 (8/17/16,1/16/17,3/31/17)	(8/17/16,1/	16/17,3/31/17)	State: Zin:			
Project Location:	New Mexico						
Sampler Name:	SIMON			Prione #:		2	
FORTARISE ONLY	VICINICI			Fax #:		6	
FOR LAB USE ONLY			MATRIX	ESERV.	SAMPLING	7	
Lab I.D.	Sample I.D.			ASE:		EX HEX	
H224933			CONT BROUN VASTEN OIL DIL	THER : CID/BA E / CO THER :		BT Pt	
// B	BOTTOM SAMPLE 3@3	3@3'			IIME		
/2 B	BOTTOM SAMPLE 3@4	3@4		7111101	2 3.4 IMVI	V V V	
_	BOTTOM SAMPLE 4@1	() 1		10/11/22	2 9:49AM	1 1 1	
14 B	BOTTOM SAMPI F 4@2			10/11/22	2 9:57AM	1 1 1	
-	BOTTOM SAMPLE 4			10/11/22	2 10:08AM	1 1 1	
	BOTTOM SAMPI E 4@4	-Woo		10/11/22	10:16AM	1 1 1	
-	BOTTOM SAMPIE 501			10/11/22	2 10:25AM	1 1 1	
18 B	BOTTOM SAMPLE SOUT			10/11/22	10:34AM	1 1 1	
-	OTTOM CAMPLE S	(W2		10/11/22	10:40AM		
70 0	BOTTOM SAMPLE 2003	@3		10/11/22	10:49AM		
PLEASE NOTE: Liability and Damages	d Damages Cardinal's liability and client's exchanges	@4		10/11/22	10:57AM		
alyses All claims including the vice. In no event shall Cardina lates or successors arising out	see for negligence and any other cause w al be liable for incidental or consequental a of or related to the performance of second	whatsoever shall be dee i damages, including wi	analyses. At claims including hose for negligence and any other cause whatover i timely or any scalar assign whether back in contract or tort shall be limited to the amount paid by the client for the service. In no event shall Caustal be liable for incidental or consequential damages, notating without imstation, basiness interruptions, loss of user, to fose of profession and incident as a more assisted and the amount paid by the client for the	tort, shall be limited to the amount p ceived by Cardinal within 30 days at s of use, or loss of profits incurred b	aid by the client for the app ter completion of the app	bicable	
Relinquished By:	2	Date: 20.22	Received By:	asser Opon any of the above stated i	Phone Result:	Yes No	
13/		Time OCTU	Isroot.	ena	Fax Result: REMARKS:	Ves No	Add'l Fax #:
Kelinquished By:	Dat Dat	Date: 20-22 Received By:	Received By:	11 101			
Joralt	1	Time;450	Munara 64	Madal 2			
Conversed by: (Circle One)			#13 Sample Condition	CHECKED BY:			

Received by OCD: 11/18/2022 5:39:50 PM

Sampler - UPS - Bus - Other:

0,40

Oc.

No No Sample Condition

Yes No

> CHECKED BY: (Initials)

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Page 98 of 106

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	DDC Internet							
Project Manager:			BILL TO	0		ANAI VSIS D	EDIEGT	
Address: P O Roy 805	Roy 805		P.O. #:		-		NEWDEDI	1
And Hohho			Company: Oxy					_
	State: NM	¹ Zip: 88241				_		
	5/5-59/-6388 Fax#: 5	575-397-0397	Address:					
	Project Owner: Oxy	ner: Oxy	City:			_		_
Project Name: S	SDS 11 FEDERAL #1 (8/17/16,1/16/17,3/31/17)	1/16/17,3/31/17)						
Project Location:	New Mexico		state: Zib:					
Sampler Name:			Phone #:		7			
FOR LABUSE ONLY	SINCH		Fax #:	1	7			
		MATRIX	PRESERV. SAMPLING	LING	K	_		
		RS TER		71	XE			
Lab I.D.	Sample I.D.		ASE: DOL	1/1	TE			
H224933		CONT ROUN VASTE OIL IL	THER CID/BA E / CO THER	CII.	BI			
-	BOTTOM SAMPLE 6@1'	5	5	11:06AM	~ ~			
DA R	BOTTOM SAMPLE D@2		10/11/22		< · ·			
-	BOTTOM SAMPLE DUS		10/11/22	11:20AM	< <			
-	BOTTOM SAMPLE 7@1		10/11/22	11:28AM	< <			
	BOTTOM SAMPLE 7@2		10/11/22	11:37AM	~ ~			
-	BOTTOM SAMPI E 7 may		10/11/22	11:45AM	< <			
g	BOTTOM SAMPLE 7@4"		10/11/22	11:54AM	~ ~			
29 BC	BOTTOM SAMPLE 8@1		10/11/22	10/11/22 12:03PM V	~ ~			
PLEASE NOTE: Lability and Dan	BOTTOM SAMPLE 8@2'		10/11/22	12:14PM /	~ ~			
analyses All claims including thor service in no event shall Cardina	service. In no event shall Caudinal be liable for incidental or consequential damages, including where values and in writing and incerved by Caudinal where based or source that be amount pad by the client for the service. In no event shall Caudinal be liable for incidental or consequential damages, including where values and in writing and incerved by Caudinal when 30 days after competition of the another values.	any claim arising whether based in contract or t deemed waived unless made in writing and rec	ort, shall be limited to the amount pak erved by Cardinal within 30 days after	d by the client for the r completion of the applicable				
Relinquished By:	of or related to the performance of services hereunder by Date:	ardinal, regardless of waether such claim is ba	of use or loss of profits incurred by client, its subsidiaries sed/upon any of the above stated reasons or otherwise	lient, its subsidiaries, isons or otherwise				
Relinguished Bu:	11 0,8ml Part	Jourse as	enne	Phone Result: Fax Result: REMARKS:	□Yes □No □Yes □No	Add'l Phone #: Add'l Fax #:		
Delivered By: (Circle One)	ircle One	Received	Madda					
Sampler - UPS - Bu	Bus - Other: -0.40/-1		(Initials)					
t Cardinal cann	Cardinal cannot accept verbal changes. Please fax written changes to 505 307 3176	fax written channes to sos	V				8	
	riedse	rax written changes to 505	-393-2476					

Received by OCD: 11/18/2022 5:39:50 PM

Project Manager: Cliff Brunson Address: P.O. Box 805	P.O.	D.#	ANALYSIS REQUEST
	: NM Zip: 88241	Company: Oxy Attn:	
	575-397-0397	Address:	
ame: SDS 11 FEDERAL #1			
Project Location: New Mexico	State:	te: Zip:	
Sampler Name: SIMON	Pho	Phone #:	
TOR LINE USE ONLY	Fax #:	*	
Lab I.D. Sample I.D.	G)RAB OR (C)OMP. CONTAINERS ROUNDWATER (ASTEWATER DIL L UDGE 'HER :	ID/BASE: I COOL HER: YUUMA TEX DHEV	
51 BOTTOM SAMPLE 8@3		10/11/22	
34 BOTTOM SAMPLE 9@1		10/11/22 12:36PM / / /	
101			
BOTTOM SAMPLE 9@4"		10/11/22 1:02PM / / /	
		10/11/22 1:16PM V V	
01		10/11/22 1:23PM V V V	
T-C-ASE 007E: Lability and Damages. Cardina's lability and clerifs exclusive remedy for an analyses. All claims including those for negligence and any other cause whatsoever shall be de there in no event shall Cardinal be liable for incidential or consequences descuered.	ernedy for any claim arising whether based in contract or fort, shall be imited to the state of the shall be imited to the shall be imite	h11/22 amount paid	
Relinquished By: Date: D	by Cardinal, regardless phythether such claim Received By:	ve stated rea	
Relinquished By: Time? (1004)		Fax Result: Ves No REMARKS: Ves No	No Add'I Phone #: No Add'I Fax #:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	HILS Sample Condition	CHECKED BY:	

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

Received by OCD: 11/18/2022 5:39:50 PM

Project Manager:	Cliff Brunson		BO # BILL IU				ANALYSIS REQUEST
Address: P.O. Box 805	3ox 805				_		
city: Hobbs	State: NM	7in-	Company: Oxy		_		
Phone #: 575-397-6388	oldle.	ZID: 00241	Attn:		_		
Project #:	Fax #:	5/5-397-0397	Address:		_	_	
Deviant Manage ST		Ier: UXY	City:		_	_	
FIUJECLINAME: OL	KAL	#1 (8/17/16,1/16/17,3/31/17)	State: Zip:		_		
Project Location:	New Mexico		ŧ		_		
Sampler Name:	SIMON				2		
FOR LAB USE ONLY			Fax #:		4	•	
		5	PRESERV. SAMPLING	LING	ro	x7	
Lab I.D. H224933	Sample I.D.	LUDGE	THER : CID/BASE: E / COOL THER :		BTEN	PHEX	
-	BOTTOM SAMPIE 11@1	# G W S(OI SL		TIME	E	7	
42 BC	BOTTOM SAMPLE 11@2'	-0-	V 10/11/22		1	~	
43 BC	BOTTOM SAMPIE 11@3		10/11/22	2 1:51PM	<	<	
44 BC	BOTTOM SAMPI E 11@4		10/11/22	1:59PM	1	<	
4S BC	BOTTOM SAMPLE 1201		10/11/22	2:07PM	1	<	
41/ BC	BOTTOM SAMPLE 12021		10/11/22	2:14PM v	1	<	
UT BC	BOTTOM SAMPLE 12021		10/11/22	2:20PM	1	<	
45 BC	BOTTOM SAMPLE 12@3		10/11/22	2:27PM V	<	<	
49 RC			10/11/22	2:32PM	<	<	
5	BOTTOM SAMPLE IS@1		10/11/22	2:39PM	<	<	
PLEASE NOTE: Liability and Dam	Damages Cardinal's liability and client's exclusive remedy for a	any claim article the	10/11/22	2:45PM V	<	<	
analyses All claims including those service. In no event shall Cardinal affiliates or successors arising out c	service. In no event shall cardinal be lable for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal be liable for incidental or consequential damages, including without imitation, business interruptions, lass dyage, or loss of profits incurred by client, its subadanes. Doff or unless, ansing out of or related to the performance of services hereunder by Cardinal including without imitation, business interruptions, lass dyage, or loss of profits incurred by client, its subadanes. Doff or unless, and the performance of services hereunder by Cardinal including without imitation, business interruptions, lass dyage, or loss of profits incurred by client, its subadanes.	 Y-ment of an annumber of the second of the contract of the deemed waived unless made in writing and reveal writination, business interruptions, loss ardinat ingardiness of whether such claims is to a second of the second of the	civit, shall be limited to the amount paid by the client for the civited by Cardinal within 30 days after completion of the a softwar or loss of profits incurred by client, its subadaries	id by the client for the er completion of the app client, its subsidiaries.	licable		
Relinquisher Bu-	100-20-22	Received By:	bure	Phone Result: Fax Result: REMARKS:	□ Yes	I I No	Add'I Phone #: Add'I Fax #:
Delivered By: (Circle One) Sampler - UPS - Bus - Other	Vered By: (Circle One) Ider - UPS - Bus - Other:O, d e /_1, 0 c No	Received By: HII3 Sample Condition Cool Intact Cool Intact No No No	CHECKED BY: (Initials)				

Project Manager: Cliff Brunson	BILL TO	ANAI YSIS DEDUIEDT
Address: P.O. Box 805	P.O. #	INALI DIO REQUEST
City: Hobbs State: NM Zin: 88241	Company: Oxy	
575-397-6388 Fax #: 575-397-	Addross.	
Project Owner: Oxy	City.	
Project Name: SDS 11 FEDERAL #1 (8/17/16, 1/16/17, 3/31/17)		
Project Location: New Mexico	State: Zip:	
Sampler Name: SIMON	Phone #:	
٦	Fax #:	
G)RAB OR (C)OM CONTAINERS ROUNDWATER VASTEWATER OIL	LUDGE THER : CID/BASE: E / COOL THER :	
6 (0 # G W S S		
	10/11/22 3:00PM / / /	
SY BOTTOM SAMPLE 14@1	10/11/22 3:08PM / / /	
SS BOTTOM SAMPLE 14@3	< <	
56 BOTTOM SAMPLE 14@4'	10/11/22 3:21PM 🗸 🗸	
S7 BOTTOM SAMPLE 15@1'	3:27PM / /	
ST BOTTOM SAMPLE 15@2'	10/11/22 3:33PM 🗸 🖌 🗸	
S9 BOTTOM SAMPLE 15@3"	10/11/22 3:39PM V V V	
8	3:44PM 🗸 🖌	
anages. Cardina's liability and client's exclusive remedy for any cours arising whether bac one for negligence and any other	10/11/22 3:51PM V V	
Cardnal be liable for incidental or consequential damages, including without limitation, sing out of or related to the performance of services hereunder by Cardinal, regardless 3V:	snar ce inniced to the amount paid by the client for the ed by Cardmai within 30 days after completion of the applicable use, or loss of profits incurred by client, its subsidiaries.	
0	Yes I No	
	Phone Result: Ves No Fax Result: Ves No	Add'l Phone #: Add'l Fax #:

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

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Cool Intact

- Released to Imaging: 2/9/2023 7:53:59 AM

ARDINAL LABORATORIES

City: Hobbs

Address: P.O. Box 805

P.O. #: Company:

Oxy

BILL TO

ANALYSIS REQUEST

Project Manager: Cliff Brunson

Company Name: BBC International, Inc.

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

Received	by	OCD:	11/	/18/	/2022	5:39:50	PM

Project Manager: Cliff Brunson P.o. #	BILL TO ANALYSIS REQUEST
Address: P.O. Box 805 City: Hobbs State: NM zin: 88241	any: Oxy
5-397-(
Project #: Project Owner: Oxy City:	
Project Name: SUS 11 FEDERAL #1 (8/17/16,1/16/17,3/31/17) State: Project Location: New Mexico	Zip:
# CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER :	TIME CHIONID
BOTTOM SAMPLE 17@1 BOTTOM SAMPLE 17@2' BOTTOM SAMPLE 17@3' BOTTOM SAMPLE 17@4' BOTTOM SAMPLE 18@1'	12 12 12
70 BOTTOM SAMPLE 18@2' 71 BOTTOM SAMPLE 18@3'	10/12/22 9:07AM 4 4 4
73 BOTTOM SAMPLE 19@1' 74 BOTTOM SAMPLE 19@1'	10/12/22 9:14AM V V V 10/12/22 9:21am V V V 10/12/22 9:30am V V V
claim ansing whether based in co med waived unless made in writin thout limitation, business interrupt inval, regardless of whether such c	tig and received by Caudinal white 30 days after completion of the applicable (one, loss of use, or loss of profits incurred by claudical-tes, tam's based upoperty of the above stated reasons or chevulae.
Circle One) Bus - Other: _ O, 4 & _ / , 0 C	Phone Result: Ves No Add'I Phone #: Fax Result: Yes No Add'I Fax #: CHECKED By (Initials)

Page 104 of 106

Destinal	1	OCD.	11/10/2022	5.20.50	D14
кесенчей	Dy	UUD:	11/18/2022	3:39:30	P M

Relinquished By: Delivered By: Sampler - UPS -	Address: P.O. Box 805 City: Hobbs Phone #: 575-397-6388 Project Mame: SDS 11 FI Project Name: SDS 11 FI Project Name: SIMON FOR LAB USE OWLY FOR LAB USE OWLY F	1 (t Company Name: Project Manager
Initial State Date 20-2 Received By: Initial State Time Date Date Initial State Date 20-2 Received By: Initial State Date Date Date Initial State Date 20-2 Received By: Initial State Date Date Date Initial State Date Date No Initial State Date Date No	Address: P.O. Box 805 City: Hobbs State: Project Name: 575-397-6388 Fax #: Project Name: SDS 11 FEDERAL #1 (8/17) Project Location: New Mexico Sampler Name: SIMON FOR LAB USE ONLY FOR L	
Date: 20-2 Received By: Time: 20-22 Received By: Time: 20-22 Received By: Time: 45 - 1.0 Cool Intact: Cool Intact: No No No	Address: P.O. Box 805 City: Hobbs State: NM Zip: 88241 Phone #: 575-397-6388 Fax #: 575-397-0397 Project Mame: SDS 11 FEDERAL #1 (8/17/16,1/16/17,3/31/17) Project Location: New Mexico Sampler Name: SIMON For values own For values of values own For values own Fo	bs, NM 88240 05) 393-2476 nc.
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Phone Result: □ Yes □ No Fax Result: □ Yes □ No REMARKS: □ No	ING TIME Understand TIME Understand 9:38AM V 9:36AM V 10:30AM V V V 10:38AM V V V V V V V V V <td></td>	
Add'l Phone #: Add'l Fax #:		ANALYSIS REQUES
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Page 105 of 106

Released to Imaging: 2/9/2023 7:53:59 AM

Page 106 of 106

Received by OCD: 11/18/2022 5:39:50 PM

Project Name: SDS 11 FEDERAL #1 (8/17/16,1/16/17,3/31/17) City: Project Location: New Mexico Sampler Name: SIMON Fax #:



October 24, 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 10/20/22 11:45.

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/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,

Celey D. Keine

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:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 47 @ 1' (H224936-01)

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	10/23/2022	ND	2.29	115	2.00	4.65	
Toluene*	<0.050	0.050	10/23/2022	ND	2.18	109	2.00	5.37	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	5.30	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.33	106	6.00	4.20	
Total BTEX	<0.300	0.300	10/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.0	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	195	97.5	200	4.63	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	194	96.9	200	6.37	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	106	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	118 9	% 46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

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:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 47 @ 2' (H224936-02)

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	10/22/2022	ND	1.96	98.1	2.00	2.60	QR-03
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	1.41	QR-03
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	1.96	97.8	2.00	2.74	QR-03
Total Xylenes*	<0.150	0.150	10/22/2022	ND	5.90	98.3	6.00	2.75	QR-03
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	195	97.5	200	4.63	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	194	96.9	200	6.37	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	104	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	114 9	% 46.3-17	8						

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Celeg D. Keine

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:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 47 @ 3' (H224936-03)

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	10/22/2022	ND	1.96	98.1	2.00	2.60	
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	1.41	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	1.96	97.8	2.00	2.74	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	5.90	98.3	6.00	2.75	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	195	97.5	200	4.63	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	194	96.9	200	6.37	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	98.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	108	% 46.3-17	8						

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Celeg D. Keine

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:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 47 @ 4' (H224936-04)

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	10/22/2022	ND	1.96	98.1	2.00	2.60	
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	1.41	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	1.96	97.8	2.00	2.74	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	5.90	98.3	6.00	2.75	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/21/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	195	97.5	200	4.63	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	194	96.9	200	6.37	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	106 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	117 9	46.3-17	8						

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Celeg D. Keine

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:	10/20/2022	Sampling Date:	10/14/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 48 @ 1' (H224936-05)

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	10/22/2022	ND	1.96	98.1	2.00	2.60	
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	1.41	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	1.96	97.8	2.00	2.74	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	5.90	98.3	6.00	2.75	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	195	97.5	200	4.63	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	194	96.9	200	6.37	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	101	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	111 9	% 46.3-17	8						

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Celeg D. Keine

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:	10/20/2022	Sampling Date:	10/14/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 48 @ 2' (H224936-06)

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	10/22/2022	ND	1.96	98.1	2.00	2.60	
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	1.41	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	1.96	97.8	2.00	2.74	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	5.90	98.3	6.00	2.75	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	195	97.5	200	4.63	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	194	96.9	200	6.37	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	102	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	113 9	% 46.3-17	8						

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Celeg D. Keine

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:	10/20/2022	Sampling Date:	10/14/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 48 @ 3' (H224936-07)

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	10/22/2022	ND	1.96	98.1	2.00	2.60	
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	1.41	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	1.96	97.8	2.00	2.74	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	5.90	98.3	6.00	2.75	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	195	97.5	200	4.63	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	194	96.9	200	6.37	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	125 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	138 9	46.3-17	8						

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Celeg D. Keine

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:	10/20/2022	Sampling Date:	10/14/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 48 @ 4' (H224936-08)

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	10/22/2022	ND	1.96	98.1	2.00	2.60	
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	1.41	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	1.96	97.8	2.00	2.74	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	5.90	98.3	6.00	2.75	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/21/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	195	97.5	200	4.63	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	194	96.9	200	6.37	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	109 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	120 9	% 46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

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:	10/20/2022	Sampling Date:	10/14/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 49 @ 1' (H224936-09)

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	10/22/2022	ND	1.96	98.1	2.00	2.60	
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	1.41	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	1.96	97.8	2.00	2.74	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	5.90	98.3	6.00	2.75	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	195	97.5	200	4.63	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	194	96.9	200	6.37	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	113 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	125	% 46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

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:	10/20/2022	Sampling Date:	10/14/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 49 @ 2' (H224936-10)

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	10/22/2022	ND	1.96	98.1	2.00	2.60	
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	1.41	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	1.96	97.8	2.00	2.74	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	5.90	98.3	6.00	2.75	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/21/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	195	97.5	200	4.63	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	194	96.9	200	6.37	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	112 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	125 9	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/14/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 49 @ 3' (H224936-11)

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	10/22/2022	ND	1.96	98.1	2.00	2.60	
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	1.41	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	1.96	97.8	2.00	2.74	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	5.90	98.3	6.00	2.75	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/21/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	195	97.5	200	4.63	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	194	96.9	200	6.37	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	111 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	123	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/14/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 49 @ 4' (H224936-12)

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	10/22/2022	ND	1.96	98.1	2.00	2.60	
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	1.41	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	1.96	97.8	2.00	2.74	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	5.90	98.3	6.00	2.75	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	195	97.5	200	4.63	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	194	96.9	200	6.37	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	112 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	124 9	46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/14/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 50 @ 1' (H224936-13)

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	10/22/2022	ND	1.96	98.1	2.00	2.60	
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	1.41	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	1.96	97.8	2.00	2.74	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	5.90	98.3	6.00	2.75	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 69.9-14	0						
Chloride, SM4500Cl-B	ride, SM4500Cl-B mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	7.69	
TPH 8015M mg/kg		Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	195	97.5	200	4.63	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	194	96.9	200	6.37	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	107	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	116	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/14/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 50 @ 2' (H224936-14)

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	10/22/2022	ND	1.96	98.1	2.00	2.60	
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	1.41	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	1.96	97.8	2.00	2.74	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	5.90	98.3	6.00	2.75	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	195	97.5	200	4.63	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	194	96.9	200	6.37	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	109	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	121	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/14/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 50 @ 3' (H224936-15)

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	10/22/2022	ND	1.96	98.1	2.00	2.60	
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	1.41	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	1.96	97.8	2.00	2.74	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	5.90	98.3	6.00	2.75	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	195	97.5	200	4.63	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	194	96.9	200	6.37	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	108 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	120 \$	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/14/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 50 @ 4' (H224936-16)

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	10/22/2022	ND	1.96	98.1	2.00	2.60	
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	1.41	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	1.96	97.8	2.00	2.74	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	5.90	98.3	6.00	2.75	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	195	97.5	200	4.63	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	194	96.9	200	6.37	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	98.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	106 9	46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/14/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 51 @ 1' (H224936-17)

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	10/22/2022	ND	1.96	98.1	2.00	2.60	
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	1.41	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	1.96	97.8	2.00	2.74	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	5.90	98.3	6.00	2.75	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.0	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	195	97.5	200	4.63	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	194	96.9	200	6.37	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	108 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	117 9	46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/14/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 51 @ 2' (H224936-18)

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	10/22/2022	ND	1.96	98.1	2.00	2.60	
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	1.41	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	1.96	97.8	2.00	2.74	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	5.90	98.3	6.00	2.75	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 \$	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/21/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	195	97.5	200	4.63	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	194	96.9	200	6.37	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	109 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	117 9	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/14/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 51 @ 3' (H224936-19)

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	10/22/2022	ND	1.96	98.1	2.00	2.60	
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	1.41	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	1.96	97.8	2.00	2.74	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	5.90	98.3	6.00	2.75	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/21/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	195	97.5	200	4.63	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	194	96.9	200	6.37	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	114 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	123 9	46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/14/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 51 @ 4' (H224936-20)

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	10/22/2022	ND	1.96	98.1	2.00	2.60	
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	1.41	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	1.96	97.8	2.00	2.74	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	5.90	98.3	6.00	2.75	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	200	100	200	3.84	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	203	102	200	6.40	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	118 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	135	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	10/20/2022	Sampling Date:	10/14/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 52 @ 1' (H224936-21)

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	10/23/2022	ND	1.96	98.1	2.00	2.60	
Toluene*	<0.050	0.050	10/23/2022	ND	2.11	105	2.00	1.41	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	1.96	97.8	2.00	2.74	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	5.90	98.3	6.00	2.75	
Total BTEX	<0.300	0.300	10/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/21/2022	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	200	100	200	3.84	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	203	102	200	6.40	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	118 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	140	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	10/20/2022	Sampling Date:	10/14/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 52 @ 2' (H224936-22)

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	10/23/2022	ND	1.99	99.6	2.00	1.93	
Toluene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	1.72	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	1.97	98.3	2.00	2.90	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	5.91	98.4	6.00	2.98	
Total BTEX	<0.300	0.300	10/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/21/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	200	100	200	3.84	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	203	102	200	6.40	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	124 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	146 9	% 46.3-17	8						

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

Received:	10/20/2022	Sampling Date:	10/14/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 52 @ 3' (H224936-23)

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	10/23/2022	ND	1.99	99.6	2.00	1.93	
Toluene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	1.72	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	1.97	98.3	2.00	2.90	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	5.91	98.4	6.00	2.98	
Total BTEX	<0.300	0.300	10/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	200	100	200	3.84	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	203	102	200	6.40	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	116 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	137	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	10/20/2022	Sampling Date:	10/14/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 52 @ 4' (H224936-24)

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	10/23/2022	ND	1.99	99.6	2.00	1.93	
Toluene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	1.72	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	1.97	98.3	2.00	2.90	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	5.91	98.4	6.00	2.98	
Total BTEX	<0.300	0.300	10/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/21/2022	ND	200	100	200	3.84	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	203	102	200	6.40	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	109	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	129	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/14/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 53 @ 1' (H224936-25)

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	10/23/2022	ND	1.99	99.6	2.00	1.93	
Toluene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	1.72	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	1.97	98.3	2.00	2.90	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	5.91	98.4	6.00	2.98	
Total BTEX	<0.300	0.300	10/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/21/2022	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	10/21/2022	ND	200	100	200	3.84	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	203	102	200	6.40	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	111 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	132 9	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	10/20/2022	Sampling Date:	10/14/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 53 @ 2' (H224936-26)

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	10/23/2022	ND	1.99	99.6	2.00	1.93	
Toluene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	1.72	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	1.97	98.3	2.00	2.90	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	5.91	98.4	6.00	2.98	
Total BTEX	<0.300	0.300	10/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/21/2022	ND	200	100	200	3.84	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	203	102	200	6.40	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	116 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	137	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	10/20/2022	Sampling Date:	10/14/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 53 @ 3' (H224936-27)

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	10/23/2022	ND	1.99	99.6	2.00	1.93	
Toluene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	1.72	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	1.97	98.3	2.00	2.90	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	5.91	98.4	6.00	2.98	
Total BTEX	<0.300	0.300	10/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/21/2022	ND	200	100	200	3.84	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	203	102	200	6.40	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	109	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	130	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	10/20/2022	Sampling Date:	10/14/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 53 @ 4' (H224936-28)

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	10/23/2022	ND	1.99	99.6	2.00	1.93	
Toluene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	1.72	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	1.97	98.3	2.00	2.90	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	5.91	98.4	6.00	2.98	
Total BTEX	<0.300	0.300	10/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/22/2022	ND	200	100	200	3.84	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	203	102	200	6.40	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	126	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	148	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	10/20/2022	Sampling Date:	10/14/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 54 @ 1' (H224936-29)

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	10/23/2022	ND	1.99	99.6	2.00	1.93	
Toluene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	1.72	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	1.97	98.3	2.00	2.90	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	5.91	98.4	6.00	2.98	
Total BTEX	<0.300	0.300	10/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/22/2022	ND	200	100	200	3.84	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	203	102	200	6.40	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	126 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	146 9	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	10/20/2022	Sampling Date:	10/14/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 54 @ 2' (H224936-30)

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	10/23/2022	ND	1.99	99.6	2.00	1.93	
Toluene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	1.72	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	1.97	98.3	2.00	2.90	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	5.91	98.4	6.00	2.98	
Total BTEX	<0.300	0.300	10/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/22/2022	ND	200	100	200	3.84	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	203	102	200	6.40	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	112 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	129 9	% 46.3-17	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatscever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including whose shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including whose site to the services interruptors, loss of profits incurred by client, its subsidiaries, afflictes or successor arising out of or related to the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 33 of 35

Company Name: BBC International, Inc.	BILL TO	ANALYSIS REQUEST
Project Manager: Cliff Brunson	P.O. #:	
Address: P.O. Box 805	Company: Oxy	
city: Hobbs State: NM Zip:	88241 Attn:	
5-397-6388 F	Address:	
Project #: Project Owner: Oxy		
Project Name: SDS 11 FEDERAL #1 (8/17/16,1/16/17,3/31/17)		
Project Location: New Mexico	Phone #:	
Sampler Name: SIMON	Fax #:	
FOR LAB USE ONLY	MATRIX PRESERV. SAMPLING	X7
HC2 (93) (G)RAB OR (C)OMP	# CONTAINERS GROUNDWATER WASTEWATER SOIL DIL SLUDGE DTHER : ACID/BASE: ICE / COOL DTHER : DATE	TPHEX
/ BOTTOM SAMPLE 47@1'	V V V V V V V V V V V V V V V V V V V	2 2 2
2 BOTTOM SAMPLE 47@2'	10/13/22 3:50PM	< < < < < < < < < < < < < < < < < < <
BOTTOM SAMPLE 47@3'	10/13/22 3:57PM	2 2 2
4 BOTTOM SAMPLE 47@4'	10/13/22 4:06PM	<pre></pre>
BOTTOM SAMPLE 48@1	10/14/22 8:16AM V	۲
BOTTOM SAMPLE 48@2	8;23AM	2
BOTTOM SAMPLE 48@4'	10/14/22 8:38AM	
BOTTOM SAMPLE 49@1'	10/14/22 8:42AM	22
dient's exclusive rem er cause whatsoever	eedy for any claim arising whether based in contract or tort, shall be innited to the amount pad by the client for the shall be deemad walved unless made in writing and received by Candinal within 30 days after completion of the applicable	picable
out of or related to the performance of services hereur	including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, der by Cardinal, regardless of whether such claim is based/up any of the above stated reasons or otherwise.	
Relinquished By: Date: Re Time: 2022 Relinquished By: Date:	Received By: Hancel Herre Received By: Hanne Malladed Received By: Received By:	:
Sampler - UPS - Bus - Other: $-0, 4e/-1, 0e$		
† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476		

Released to Imaging: 2/9/2023 7:53:59 AM

Company Name: BBC International, Inc.	BILL TO	ANALYSIS REQUEST
Project Manager: Cliff Brunson		- 1
Address: P.O. Box 805	Company: Oxy	
city: Hobbs State: NM		
5-397-6388 Fax #:	575-397-0397 Address:	
Project #: Project Owner: Oxy	r: Oxy city:	
ame: SDS 11 FEDERAL #1		
Project Location: New Mexico	Phone #:	
Sampler Name: SIMON	Fax #:	7
FOR LAB USE CMUY	R	ÚL X EX
Lab I.D. Sample I.D.	(G)RAB OR (C)C # CONTAINERS GROUNDWATEI WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER : DATE	M BIE TPH
// BOTTOM SAMPLE 49@3' /2 BOTTOM SAMPLE 49@4'		> > > >
13 BOTTOM SAMPLE 50@1'	10/14/22 9:14AM 10/14/22 9:20AM	_
IS BOTTOM SAMPLE 50@3"	10/14/22 9:26AN	- < <
BOTTOM SAMPLE 50@4"	10/14/22 9-31AM 10/14/22 9-39AM	, , , ,
/ 8 BOTTOM SAMPLE 51@2"		<
19 BOTTOM SAMPLE 51@3'	10/14/22 9:53AM	2 2 2
DBOTTOM SAMPLE 51@4" PLEASE NOTE: Liability and Damages. Cardinal's fability and client's enclusive remedy for a analyses. All claims including thread for mediaence and any other cause whatscorer shall be	SAMPLE 51@4' 10/14/22 10:00AM V If fability and client's exclusive namedy for any claim arising whether based in contract or toot, shall be limited to the amount paid by the client for the con and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days aller completion of the accilicable con and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days aller completion of the accilicable	2
service. In no event shall Cardinal be liable for incidental or consequental damages, including affiliates or successors arising out of or related to the performance of services hereunder by C	including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiar der by Cardinal, regardiess of whether such claim is based apon any of the above stated reasons or otherwise	baldiaries, lerwise
Relinquished By: Date:	Received By:	ult: Ves No
Relinquished By: A ral Fellon Time; 10:20:22	Received By:	□ Yes □ No
Sampler - UPS - Bus - Other:	H/J compre common unicode of	

Page 164 of 392

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 35 of 35

PLEASE NOTE: Liability and Demogras. Cardinal's labelity and Centry security or labelity and service security results to chemical security of the security of		٦	Sampler Name: SIMON	Project Location: New Mexico	Project Name: SDS 11 FEDERAL #1 (8/17/16,1/16/17,3/31/17)	Project #: Project Owner: Oxy
Received By Received By Hill 3 Can Hill 6	G)RAB OR (C)OMP.	-			6/17,3/3	: Oxy
ived By: ived By:	GROUNDWATER WASTEWATER SOIL OIL SLUDGE	MATRIX			(1/17)	
ade in writing and reserved by Cardinal with sas interruptions, loss of use, or loss of profit ender such cham is heneorizing in any of the a second state of the seco	OTHER : ACID/BASE:	PRESERV	Fax #:	Phone #:	State:	City:
In any of the a		ERV.			Zij	

(505) 393-2326 FAX (505) 393-2476	BILL TO	ANALYSIS REQUEST
Project Manager: Cliff Brunson		
Address: P.O. Box 805	Company: Oxy	
State: NM	Zip: 88241 Attn:	
5-397-6388 Fax #:	575-397-0397 Address:	
Project #: Project Owner: Oxy	Oxy city:	
ame: SDS 11 FEDERAL #1	5/17,3/31/17) State: Zip:	
Project Location: New Mexico	Phone #:	
Sampler Name: SIMON	Fax #:	7
	P. MATRIX PRESERV. SAMPLING	
Lab I.D. Sample I.D.	(G)RAB OR (C)OM # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	TIME CHOW BTE TRHE
BOTTOM SAMPLE 52@1'	10/14/22 10/14/22	10:09AM < < < <
BOTTOM SAMPLE	10/14/22 10/14/24 10/14/22 10/14/24 10/14/22 10/14/24 10/14/24 10/14/24 10/14/24 10/14/24 10/14/24 10/14/24 10/14/24 10/14/24 10/14/24 10/14/24 10/14/24 10/14/24 10/14/24 10/14/24 10/14/22 10/14/24 10/14/22 10/14/24 10/14/14/24 10/14/14 10/14/14 10/14/14/14/14/14/14/14/14/14/14/14/14/14/	10:23AM \$ \$ \$ \$ 10:31AM \$ \$ \$ \$
BOTTOM SAMPLE 53@1'		۲ ۲
BOTTOM	10/14/22	10.47AM 4 4 4
BOTTOM SAMPLE 53@4"		• •
BOTTOM SAMPLE 54@1'	10/14/22 10/14/22	11:10AM V V V V
Cardinal's liability and client's exclusive rennegligence and any other cause whatsoever able for incidental or consequental damages.	neby for any claim arking whether based in contract or tort, shull be limited to the amount paid by the cleent for the shull be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the a including without limitation, business intemptions, loss of use, or loss of profits incurred by client. Its advantation are advantation on the second seco	uni paid by the Cleart for the ry a after completion of the applicable dby client, its subcliantes.
Aritistics or successors ariting cut of or neised to the performance of services herewarder by Ca Relinquished By: Relinquished By: Relinquished By: Charles Circle One)	Received By: Received By: Received By: MUMM Allulu Sample Condition CHECKEB BY:	Phone Result:
Delivered by: (Circle Circle)		

2



October 24, 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 10/20/22 11:45.

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/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,

Celey D. Keine

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:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 24 @ 3' (H224935-01)

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	10/23/2022	ND	2.12	106	2.00	2.42	
Toluene*	<0.050	0.050	10/23/2022	ND	2.04	102	2.00	1.77	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	1.95	97.5	2.00	1.71	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	5.88	98.0	6.00	2.48	
Total BTEX	<0.300	0.300	10/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/21/2022	ND	203	101	200	6.95	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	186	93.0	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	93.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	111 9	46.3-17	8						

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*=Accredited Analyte

Celez D. Keine

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:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 24 @ 4' (H224935-02)

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	10/23/2022	ND	2.12	106	2.00	2.42	
Toluene*	<0.050	0.050	10/23/2022	ND	2.04	102	2.00	1.77	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	1.95	97.5	2.00	1.71	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	5.88	98.0	6.00	2.48	
Total BTEX	<0.300	0.300	10/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/21/2022	ND	203	101	200	6.95	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	186	93.0	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	92.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	110 9	% 46.3-17	8						

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Celeg D. Keine

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:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 25 @ 1' (H224935-03)

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	10/23/2022	ND	2.12	106	2.00	2.42	
Toluene*	<0.050	0.050	10/23/2022	ND	2.04	102	2.00	1.77	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	1.95	97.5	2.00	1.71	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	5.88	98.0	6.00	2.48	
Total BTEX	<0.300	0.300	10/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.0	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/21/2022	ND	203	101	200	6.95	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	186	93.0	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	89.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	107 :	% 46.3-17	8						

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Celeg D. Keine

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:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 25 @ 2' (H224935-04)

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	10/23/2022	ND	2.12	106	2.00	2.42	
Toluene*	<0.050	0.050	10/23/2022	ND	2.04	102	2.00	1.77	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	1.95	97.5	2.00	1.71	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	5.88	98.0	6.00	2.48	
Total BTEX	<0.300	0.300	10/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/21/2022	ND	203	101	200	6.95	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	186	93.0	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	84.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	103	% 46.3-17	8						

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Celeg D. Keine

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:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 25 @ 3' (H224935-05)

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	10/23/2022	ND	2.12	106	2.00	2.42	
Toluene*	<0.050	0.050	10/23/2022	ND	2.04	102	2.00	1.77	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	1.95	97.5	2.00	1.71	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	5.88	98.0	6.00	2.48	
Total BTEX	<0.300	0.300	10/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/21/2022	ND	203	101	200	6.95	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	186	93.0	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	73.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	89.9	% 46.3-17	8						

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Celeg D. Keine

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:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 25 @ 4' (H224935-06)

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	10/23/2022	ND	2.12	106	2.00	2.42	
Toluene*	<0.050	0.050	10/23/2022	ND	2.04	102	2.00	1.77	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	1.95	97.5	2.00	1.71	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	5.88	98.0	6.00	2.48	
Total BTEX	<0.300	0.300	10/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/21/2022	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	10/21/2022	ND	203	101	200	6.95	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	186	93.0	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	82.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	98.7	% 46.3-17	8						

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Celeg D. Keine

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:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 26 @ 1' (H224935-07)

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	10/23/2022	ND	2.12	106	2.00	2.42	
Toluene*	<0.050	0.050	10/23/2022	ND	2.04	102	2.00	1.77	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	1.95	97.5	2.00	1.71	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	5.88	98.0	6.00	2.48	
Total BTEX	<0.300	0.300	10/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/21/2022	ND	203	101	200	6.95	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	186	93.0	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	93.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	111 9	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 26 @ 2' (H224935-08)

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	10/23/2022	ND	2.12	106	2.00	2.42	
Toluene*	<0.050	0.050	10/23/2022	ND	2.04	102	2.00	1.77	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	1.95	97.5	2.00	1.71	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	5.88	98.0	6.00	2.48	
Total BTEX	<0.300	0.300	10/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/21/2022	ND	203	101	200	6.95	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	186	93.0	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	90.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	108	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 26 @ 3' (H224935-09)

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	10/23/2022	ND	2.12	106	2.00	2.42	
Toluene*	<0.050	0.050	10/23/2022	ND	2.04	102	2.00	1.77	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	1.95	97.5	2.00	1.71	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	5.88	98.0	6.00	2.48	
Total BTEX	<0.300	0.300	10/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/21/2022	ND	203	101	200	6.95	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	186	93.0	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	89.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	106	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 26 @ 4' (H224935-10)

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	10/23/2022	ND	2.12	106	2.00	2.42	
Toluene*	<0.050	0.050	10/23/2022	ND	2.04	102	2.00	1.77	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	1.95	97.5	2.00	1.71	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	5.88	98.0	6.00	2.48	
Total BTEX	<0.300	0.300	10/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/21/2022	ND	219	110	200	12.4	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	227	113	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	88.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	105	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 27 @ 1' (H224935-11)

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	10/23/2022	ND	2.12	106	2.00	2.42	
Toluene*	<0.050	0.050	10/23/2022	ND	2.04	102	2.00	1.77	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	1.95	97.5	2.00	1.71	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	5.88	98.0	6.00	2.48	
Total BTEX	<0.300	0.300	10/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/21/2022	ND	219	110	200	12.4	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	227	113	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	91.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	109	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 27 @ 2' (H224935-12)

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	10/23/2022	ND	2.24	112	2.00	1.43	
Toluene*	<0.050	0.050	10/23/2022	ND	2.14	107	2.00	1.59	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.07	103	2.00	0.812	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.28	105	6.00	1.68	
Total BTEX	<0.300	0.300	10/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/21/2022	ND	219	110	200	12.4	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	227	113	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	86.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	103	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 27 @ 3' (H224935-13)

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	10/23/2022	ND	2.24	112	2.00	1.43	
Toluene*	<0.050	0.050	10/23/2022	ND	2.14	107	2.00	1.59	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.07	103	2.00	0.812	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.28	105	6.00	1.68	
Total BTEX	<0.300	0.300	10/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/21/2022	ND	219	110	200	12.4	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	227	113	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	94.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	113 9	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 27 @ 4' (H224935-14)

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	10/23/2022	ND	2.24	112	2.00	1.43	
Toluene*	<0.050	0.050	10/23/2022	ND	2.14	107	2.00	1.59	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.07	103	2.00	0.812	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.28	105	6.00	1.68	
Total BTEX	<0.300	0.300	10/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	416	104	400	3.77	QM-07
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	219	110	200	12.4	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	227	113	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	82.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	97.7	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 28 @ 1' (H224935-15)

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	10/23/2022	ND	2.24	112	2.00	1.43	
Toluene*	<0.050	0.050	10/23/2022	ND	2.14	107	2.00	1.59	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.07	103	2.00	0.812	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.28	105	6.00	1.68	
Total BTEX	<0.300	0.300	10/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/22/2022	ND	219	110	200	12.4	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	227	113	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	90.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	107	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 28 @ 2' (H224935-16)

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	10/23/2022	ND	2.24	112	2.00	1.43	
Toluene*	<0.050	0.050	10/23/2022	ND	2.14	107	2.00	1.59	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.07	103	2.00	0.812	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.28	105	6.00	1.68	
Total BTEX	<0.300	0.300	10/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/22/2022	ND	219	110	200	12.4	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	227	113	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	88.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	102	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 28 @ 3' (H224935-17)

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	10/23/2022	ND	2.24	112	2.00	1.43	
Toluene*	<0.050	0.050	10/23/2022	ND	2.14	107	2.00	1.59	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.07	103	2.00	0.812	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.28	105	6.00	1.68	
Total BTEX	<0.300	0.300	10/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.0	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/22/2022	ND	219	110	200	12.4	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	227	113	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	98.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	109	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 28 @ 4' (H224935-18)

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	10/23/2022	ND	2.24	112	2.00	1.43	
Toluene*	<0.050	0.050	10/23/2022	ND	2.14	107	2.00	1.59	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.07	103	2.00	0.812	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.28	105	6.00	1.68	
Total BTEX	<0.300	0.300	10/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/22/2022	ND	219	110	200	12.4	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	227	113	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	94.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	107 9	46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 29 @ 1' (H224935-19)

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	10/23/2022	ND	2.24	112	2.00	1.43	
Toluene*	<0.050	0.050	10/23/2022	ND	2.14	107	2.00	1.59	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.07	103	2.00	0.812	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.28	105	6.00	1.68	
Total BTEX	<0.300	0.300	10/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/22/2022	ND	219	110	200	12.4	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	227	113	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	94.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	107 9	46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 29 @ 2' (H224935-20)

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	10/23/2022	ND	2.24	112	2.00	1.43	
Toluene*	<0.050	0.050	10/23/2022	ND	2.14	107	2.00	1.59	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.07	103	2.00	0.812	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.28	105	6.00	1.68	
Total BTEX	<0.300	0.300	10/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/22/2022	ND	219	110	200	12.4	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	227	113	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	88.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	101	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 29 @ 3' (H224935-21)

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	10/23/2022	ND	2.24	112	2.00	1.43	
Toluene*	<0.050	0.050	10/23/2022	ND	2.14	107	2.00	1.59	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.07	103	2.00	0.812	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.28	105	6.00	1.68	
Total BTEX	<0.300	0.300	10/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.0	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/22/2022	ND	219	110	200	12.4	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	227	113	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	78.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	88.7	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 29 @ 4' (H224935-22)

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	10/23/2022	ND	2.24	112	2.00	1.43	
Toluene*	<0.050	0.050	10/23/2022	ND	2.14	107	2.00	1.59	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.07	103	2.00	0.812	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.28	105	6.00	1.68	
Total BTEX	<0.300	0.300	10/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/22/2022	ND	219	110	200	12.4	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	227	113	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	108 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	124 9	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 30 @ 1' (H224935-23)

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	10/23/2022	ND	2.24	112	2.00	1.43	
Toluene*	<0.050	0.050	10/23/2022	ND	2.14	107	2.00	1.59	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.07	103	2.00	0.812	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.28	105	6.00	1.68	
Total BTEX	<0.300	0.300	10/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/22/2022	ND	219	110	200	12.4	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	227	113	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	97.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	111 9	46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 30 @ 2' (H224935-24)

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	10/23/2022	ND	2.24	112	2.00	1.43	
Toluene*	<0.050	0.050	10/23/2022	ND	2.14	107	2.00	1.59	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.07	103	2.00	0.812	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.28	105	6.00	1.68	
Total BTEX	<0.300	0.300	10/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/21/2022	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	10/22/2022	ND	219	110	200	12.4	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	227	113	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	88.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	99.0	% 46.3-17	8						

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

Received:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 30 @ 3' (H224935-25)

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	10/23/2022	ND	2.24	112	2.00	1.43	
Toluene*	<0.050	0.050	10/23/2022	ND	2.14	107	2.00	1.59	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.07	103	2.00	0.812	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.28	105	6.00	1.68	
Total BTEX	<0.300	0.300	10/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/22/2022	ND	219	110	200	12.4	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	227	113	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	102 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	117 9	46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 30 @ 4' (H224935-26)

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	10/23/2022	ND	2.24	112	2.00	1.43	
Toluene*	<0.050	0.050	10/23/2022	ND	2.14	107	2.00	1.59	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.07	103	2.00	0.812	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.28	105	6.00	1.68	
Total BTEX	<0.300	0.300	10/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/22/2022	ND	219	110	200	12.4	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	227	113	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	83.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	94.3	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 31 @ 1' (H224935-27)

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	10/23/2022	ND	2.24	112	2.00	1.43	
Toluene*	<0.050	0.050	10/23/2022	ND	2.14	107	2.00	1.59	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.07	103	2.00	0.812	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.28	105	6.00	1.68	
Total BTEX	<0.300	0.300	10/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/22/2022	ND	219	110	200	12.4	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	227	113	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	92.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	106	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 31 @ 2' (H224935-28)

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	10/23/2022	ND	2.24	112	2.00	1.43	
Toluene*	<0.050	0.050	10/23/2022	ND	2.14	107	2.00	1.59	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.07	103	2.00	0.812	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.28	105	6.00	1.68	
Total BTEX	<0.300	0.300	10/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/22/2022	ND	219	110	200	12.4	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	227	113	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	94.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	108	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 31 @ 3' (H224935-29)

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	10/23/2022	ND	2.24	112	2.00	1.43	
Toluene*	<0.050	0.050	10/23/2022	ND	2.14	107	2.00	1.59	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.07	103	2.00	0.812	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.28	105	6.00	1.68	
Total BTEX	<0.300	0.300	10/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/22/2022	ND	219	110	200	12.4	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	227	113	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	84.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	97.1	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 31 @ 4' (H224935-30)

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	10/23/2022	ND	2.24	112	2.00	1.43	
Toluene*	<0.050	0.050	10/23/2022	ND	2.14	107	2.00	1.59	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.07	103	2.00	0.812	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.28	105	6.00	1.68	
Total BTEX	<0.300	0.300	10/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.0	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/21/2022	ND	207	104	200	8.11	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	208	104	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	98.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	100	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 32 @ 1' (H224935-31)

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	10/23/2022	ND	2.24	112	2.00	1.43	
Toluene*	<0.050	0.050	10/23/2022	ND	2.14	107	2.00	1.59	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.07	103	2.00	0.812	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.28	105	6.00	1.68	
Total BTEX	<0.300	0.300	10/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/21/2022	ND	207	104	200	8.11	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	208	104	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	102	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	105	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 32 @ 2' (H224935-32)

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	10/22/2022	ND	2.25	112	2.00	5.94	
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	6.36	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.07	103	2.00	5.54	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.28	105	6.00	5.92	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/21/2022	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	10/21/2022	ND	207	104	200	8.11	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	208	104	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	104 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	107 9	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 32 @ 3' (H224935-33)

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	10/22/2022	ND	2.25	112	2.00	5.94	
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	6.36	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.07	103	2.00	5.54	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.28	105	6.00	5.92	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.0	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	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	10/21/2022	ND	207	104	200	8.11	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	208	104	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	104	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	107	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 32 @ 4' (H224935-34)

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	10/22/2022	ND	2.25	112	2.00	5.94	
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	6.36	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.07	103	2.00	5.54	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.28	105	6.00	5.92	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	384	96.0	400	8.00	
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	10/22/2022	ND	207	104	200	8.11	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	208	104	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	100	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	103	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 33 @ 1' (H224935-35)

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	10/22/2022	ND	2.25	112	2.00	5.94	
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	6.36	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.07	103	2.00	5.54	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.28	105	6.00	5.92	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	384	96.0	400	8.00	
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	10/22/2022	ND	207	104	200	8.11	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	208	104	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	97.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	98.8	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 33 @ 2' (H224935-36)

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	10/22/2022	ND	2.25	112	2.00	5.94	
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	6.36	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.07	103	2.00	5.54	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.28	105	6.00	5.92	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.0	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/21/2022	ND	384	96.0	400	8.00	
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	10/22/2022	ND	207	104	200	8.11	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	208	104	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	102	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	102	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 33 @ 3' (H224935-37)

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	10/22/2022	ND	2.25	112	2.00	5.94	
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	6.36	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.07	103	2.00	5.54	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.28	105	6.00	5.92	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	88.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/21/2022	ND	384	96.0	400	8.00	
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	10/22/2022	ND	207	104	200	8.11	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	208	104	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	105 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	106 9	46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 33 @ 4' (H224935-38)

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	10/22/2022	ND	2.25	112	2.00	5.94	
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	6.36	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.07	103	2.00	5.54	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.28	105	6.00	5.92	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/21/2022	ND	384	96.0	400	8.00	
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	10/22/2022	ND	207	104	200	8.11	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	208	104	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	103	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	102	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 34 @ 1' (H224935-39)

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	10/22/2022	ND	2.25	112	2.00	5.94	
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	6.36	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.07	103	2.00	5.54	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.28	105	6.00	5.92	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	384	96.0	400	8.00	
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	10/22/2022	ND	207	104	200	8.11	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	208	104	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	104 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	106 9	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 34 @ 2' (H224935-40)

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	10/22/2022	ND	2.25	112	2.00	5.94	
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	6.36	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.07	103	2.00	5.54	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.28	105	6.00	5.92	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.0	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	384	96.0	400	8.00	
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	10/22/2022	ND	207	104	200	8.11	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	208	104	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	108	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	109	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 34 @ 3' (H224935-41)

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	10/22/2022	ND	2.25	112	2.00	5.94	
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	6.36	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.07	103	2.00	5.54	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.28	105	6.00	5.92	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	384	96.0	400	8.00	
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	10/22/2022	ND	207	104	200	8.11	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	208	104	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	107	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	108	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 34 @ 4' (H224935-42)

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	10/22/2022	ND	2.25	112	2.00	5.94	
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	6.36	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.07	103	2.00	5.54	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.28	105	6.00	5.92	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	384	96.0	400	8.00	
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	10/22/2022	ND	207	104	200	8.11	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	208	104	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	109 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	110 9	46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 35 @ 1' (H224935-43)

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	10/22/2022	ND	2.25	112	2.00	5.94	
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	6.36	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.07	103	2.00	5.54	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.28	105	6.00	5.92	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	384	96.0	400	8.00	
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	10/22/2022	ND	207	104	200	8.11	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	208	104	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	112 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	111 9	46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 35 @ 2' (H224935-44)

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	10/22/2022	ND	2.25	112	2.00	5.94	
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	6.36	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.07	103	2.00	5.54	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.28	105	6.00	5.92	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	384	96.0	400	8.00	
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	10/22/2022	ND	207	104	200	8.11	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	208	104	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	102	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	99.9	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 35 @ 3' (H224935-45)

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	10/22/2022	ND	2.25	112	2.00	5.94	
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	6.36	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.07	103	2.00	5.54	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.28	105	6.00	5.92	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	384	96.0	400	8.00	
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	10/22/2022	ND	207	104	200	8.11	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	208	104	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	110 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	109	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 35 @ 4' (H224935-46)

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	10/22/2022	ND	2.25	112	2.00	5.94	
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	6.36	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.07	103	2.00	5.54	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.28	105	6.00	5.92	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	384	96.0	400	8.00	
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	10/22/2022	ND	207	104	200	8.11	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	208	104	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	98.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	102	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 36 @ 1' (H224935-47)

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	10/22/2022	ND	2.25	112	2.00	5.94	
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	6.36	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.07	103	2.00	5.54	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.28	105	6.00	5.92	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	384	96.0	400	8.00	
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	10/22/2022	ND	207	104	200	8.11	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	208	104	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	105 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	106 9	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 36 @ 2' (H224935-48)

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	10/22/2022	ND	2.25	112	2.00	5.94	
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	6.36	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.07	103	2.00	5.54	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.28	105	6.00	5.92	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	384	96.0	400	8.00	
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	10/22/2022	ND	207	104	200	8.11	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	208	104	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	106	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	108	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 36 @ 3' (H224935-49)

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	10/22/2022	ND	2.25	112	2.00	5.94	
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	6.36	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.07	103	2.00	5.54	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.28	105	6.00	5.92	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	384	96.0	400	8.00	
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	10/22/2022	ND	207	104	200	8.11	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	208	104	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	105 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	104 9	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 36 @ 4' (H224935-50)

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	10/22/2022	ND	2.25	112	2.00	5.94	
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	6.36	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.07	103	2.00	5.54	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.28	105	6.00	5.92	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	384	96.0	400	8.00	
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	10/21/2022	ND	203	101	200	1.04	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	186	92.9	200	3.91	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	98.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	117 9	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 37 @ 1' (H224935-51)

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	10/22/2022	ND	2.25	112	2.00	5.94	
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	6.36	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.07	103	2.00	5.54	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.28	105	6.00	5.92	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/21/2022	ND	384	96.0	400	8.00	
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	10/21/2022	ND	203	101	200	1.04	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	186	92.9	200	3.91	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	97.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	115 9	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 37 @ 2' (H224935-52)

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	10/22/2022	ND	2.27	113	2.00	0.620	QR-03
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	1.00	QR-03
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.09	104	2.00	0.112	QR-03
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.33	105	6.00	0.127	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	88.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/21/2022	ND	384	96.0	400	8.00	
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	10/21/2022	ND	203	101	200	1.04	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	186	92.9	200	3.91	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	98.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	116 %	46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 37 @ 3' (H224935-53)

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	10/22/2022	ND	2.27	113	2.00	0.620	
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	1.00	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.09	104	2.00	0.112	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.33	105	6.00	0.127	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/21/2022	ND	384	96.0	400	8.00	
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	10/21/2022	ND	203	101	200	1.04	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	186	92.9	200	3.91	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	106 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	124 9	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 37 @ 4' (H224935-54)

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	10/22/2022	ND	2.27	113	2.00	0.620	
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	1.00	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.09	104	2.00	0.112	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.33	105	6.00	0.127	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/21/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	203	101	200	1.04	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	186	92.9	200	3.91	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	96.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	114 9	46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 38 @ 1' (H224935-55)

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	10/22/2022	ND	2.27	113	2.00	0.620	
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	1.00	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.09	104	2.00	0.112	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.33	105	6.00	0.127	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	88.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/21/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	203	101	200	1.04	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	186	92.9	200	3.91	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	97.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	117 9	46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 38 @ 2' (H224935-56)

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	10/22/2022	ND	2.27	113	2.00	0.620	
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	1.00	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.09	104	2.00	0.112	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.33	105	6.00	0.127	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/21/2022	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	203	101	200	1.04	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	186	92.9	200	3.91	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	94.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	111 9	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 38 @ 3' (H224935-57)

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	10/22/2022	ND	2.27	113	2.00	0.620	
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	1.00	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.09	104	2.00	0.112	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.33	105	6.00	0.127	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	88.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/21/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	203	101	200	1.04	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	186	92.9	200	3.91	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	91.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	109 9	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 38 @ 4' (H224935-58)

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	10/22/2022	ND	2.27	113	2.00	0.620	
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	1.00	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.09	104	2.00	0.112	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.33	105	6.00	0.127	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/21/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	203	101	200	1.04	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	186	92.9	200	3.91	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	98.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	118 9	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 39 @ 1' (H224935-59)

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	10/22/2022	ND	2.27	113	2.00	0.620	
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	1.00	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.09	104	2.00	0.112	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.33	105	6.00	0.127	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/21/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	203	101	200	1.04	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	186	92.9	200	3.91	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	101 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	121 9	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 39 @ 2' (H224935-60)

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	10/22/2022	ND	2.27	113	2.00	0.620	
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	1.00	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.09	104	2.00	0.112	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.33	105	6.00	0.127	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/21/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	203	101	200	1.04	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	186	92.9	200	3.91	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	88.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	108	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 39 @ 3' (H224935-61)

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	10/22/2022	ND	2.27	113	2.00	0.620	
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	1.00	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.09	104	2.00	0.112	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.33	105	6.00	0.127	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/21/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	203	101	200	1.04	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	186	92.9	200	3.91	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	96.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	115 9	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 39 @ 4' (H224935-62)

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	10/22/2022	ND	2.27	113	2.00	0.620	
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	1.00	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.09	104	2.00	0.112	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.33	105	6.00	0.127	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/21/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	203	101	200	1.04	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	186	92.9	200	3.91	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	99.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	119 9	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 40 @ 1' (H224935-63)

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	10/22/2022	ND	2.27	113	2.00	0.620	
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	1.00	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.09	104	2.00	0.112	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.33	105	6.00	0.127	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.0	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/21/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	203	101	200	1.04	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	186	92.9	200	3.91	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	104 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	125 9	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 40 @ 2' (H224935-64)

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	10/22/2022	ND	2.27	113	2.00	0.620	
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	1.00	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.09	104	2.00	0.112	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.33	105	6.00	0.127	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/21/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	203	101	200	1.04	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	186	92.9	200	3.91	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	95.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	118 9	46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 40 @ 3' (H224935-65)

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	10/22/2022	ND	2.27	113	2.00	0.620	
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	1.00	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.09	104	2.00	0.112	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.33	105	6.00	0.127	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/21/2022	ND	400	100	400	7.69	
TPH 8015M	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	203	101	200	1.04	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	186	92.9	200	3.91	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	95.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	116 9	46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 40 @ 4' (H224935-66)

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	10/22/2022	ND	2.27	113	2.00	0.620	
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	1.00	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.09	104	2.00	0.112	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.33	105	6.00	0.127	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/21/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	203	101	200	1.04	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	186	92.9	200	3.91	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	93.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	113 9	46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 41 @ 1' (H224935-67)

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	10/22/2022	ND	2.27	113	2.00	0.620	
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	1.00	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.09	104	2.00	0.112	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.33	105	6.00	0.127	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/21/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	203	101	200	1.04	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	186	92.9	200	3.91	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	95.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	115 9	46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 41 @ 2' (H224935-68)

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	10/22/2022	ND	2.27	113	2.00	0.620	
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	1.00	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.09	104	2.00	0.112	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.33	105	6.00	0.127	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.0	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/21/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	203	101	200	1.04	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	186	92.9	200	3.91	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	92.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	112 9	46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 41 @ 3' (H224935-69)

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	10/22/2022	ND	2.27	113	2.00	0.620	
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	1.00	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.09	104	2.00	0.112	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.33	105	6.00	0.127	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.0	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/21/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	203	101	200	1.04	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	186	92.9	200	3.91	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	99.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	119 9	46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 41 @ 4' (H224935-70)

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	10/22/2022	ND	2.27	113	2.00	0.620	
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	1.00	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.09	104	2.00	0.112	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.33	105	6.00	0.127	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/21/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	171	85.7	200	8.92	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	181	90.6	200	2.80	QM-07
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	92.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	100 9	46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 42 @ 1' (H224935-71)

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	10/22/2022	ND	2.27	113	2.00	0.620	
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	1.00	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.09	104	2.00	0.112	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.33	105	6.00	0.127	
Total BTEX	<0.300	0.300	10/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/21/2022	ND	400	100	400	7.69	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	171	85.7	200	8.92	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	181	90.6	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	93.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	100	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 42 @ 2' (H224935-72)

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	10/23/2022	ND	2.29	115	2.00	4.65	
Toluene*	<0.050	0.050	10/23/2022	ND	2.18	109	2.00	5.37	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	5.30	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.33	106	6.00	4.20	
Total BTEX	<0.300	0.300	10/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/21/2022	ND	400	100	400	7.69	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	171	85.7	200	8.92	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	181	90.6	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	96.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	111 9	46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 42 @ 3' (H224935-73)

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	10/23/2022	ND	2.29	115	2.00	4.65	
Toluene*	<0.050	0.050	10/23/2022	ND	2.18	109	2.00	5.37	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	5.30	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.33	106	6.00	4.20	
Total BTEX	<0.300	0.300	10/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/21/2022	ND	400	100	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	171	85.7	200	8.92	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	181	90.6	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	95.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	104	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 42 @ 4' (H224935-74)

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	10/23/2022	ND	2.29	115	2.00	4.65	
Toluene*	<0.050	0.050	10/23/2022	ND	2.18	109	2.00	5.37	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	5.30	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.33	106	6.00	4.20	
Total BTEX	<0.300	0.300	10/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	171	85.7	200	8.92	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	181	90.6	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	91.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	102	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 43 @ 1' (H224935-75)

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	10/23/2022	ND	2.29	115	2.00	4.65	
Toluene*	<0.050	0.050	10/23/2022	ND	2.18	109	2.00	5.37	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	5.30	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.33	106	6.00	4.20	
Total BTEX	<0.300	0.300	10/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	171	85.7	200	8.92	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	181	90.6	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	89.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	98.7	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 43 @ 2' (H224935-76)

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	10/23/2022	ND	2.29	115	2.00	4.65	
Toluene*	<0.050	0.050	10/23/2022	ND	2.18	109	2.00	5.37	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	5.30	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.33	106	6.00	4.20	
Total BTEX	<0.300	0.300	10/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/21/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	171	85.7	200	8.92	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	181	90.6	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	92.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	103 9	46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 43 @ 3' (H224935-77)

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	10/23/2022	ND	2.29	115	2.00	4.65	
Toluene*	<0.050	0.050	10/23/2022	ND	2.18	109	2.00	5.37	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	5.30	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.33	106	6.00	4.20	
Total BTEX	<0.300	0.300	10/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/21/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	171	85.7	200	8.92	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	181	90.6	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	84.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	92.0	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 43 @ 4' (H224935-78)

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	10/23/2022	ND	2.29	115	2.00	4.65	
Toluene*	<0.050	0.050	10/23/2022	ND	2.18	109	2.00	5.37	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	5.30	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.33	106	6.00	4.20	
Total BTEX	<0.300	0.300	10/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/21/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	171	85.7	200	8.92	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	181	90.6	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	80.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	87.7	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 44 @ 1' (H224935-79)

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	10/23/2022	ND	2.29	115	2.00	4.65	
Toluene*	<0.050	0.050	10/23/2022	ND	2.18	109	2.00	5.37	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	5.30	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.33	106	6.00	4.20	
Total BTEX	<0.300	0.300	10/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	171	85.7	200	8.92	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	181	90.6	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	94.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	107	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 44 @ 2' (H224935-80)

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	10/23/2022	ND	2.29	115	2.00	4.65	
Toluene*	<0.050	0.050	10/23/2022	ND	2.18	109	2.00	5.37	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	5.30	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.33	106	6.00	4.20	
Total BTEX	<0.300	0.300	10/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	171	85.7	200	8.92	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	181	90.6	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	97.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	100	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 44 @ 3' (H224935-81)

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	10/23/2022	ND	2.29	115	2.00	4.65	
Toluene*	<0.050	0.050	10/23/2022	ND	2.18	109	2.00	5.37	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	5.30	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.33	106	6.00	4.20	
Total BTEX	<0.300	0.300	10/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	171	85.7	200	8.92	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	181	90.6	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	92.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	102	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 44 @ 4' (H224935-82)

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	10/23/2022	ND	2.29	115	2.00	4.65	
Toluene*	<0.050	0.050	10/23/2022	ND	2.18	109	2.00	5.37	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	5.30	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.33	106	6.00	4.20	
Total BTEX	<0.300	0.300	10/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	171	85.7	200	8.92	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	181	90.6	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	97.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	111 9	46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 45 @ 1' (H224935-83)

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	10/23/2022	ND	2.29	115	2.00	4.65	
Toluene*	<0.050	0.050	10/23/2022	ND	2.18	109	2.00	5.37	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	5.30	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.33	106	6.00	4.20	
Total BTEX	<0.300	0.300	10/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	171	85.7	200	8.92	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	181	90.6	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	90.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	98.5	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 45 @ 2' (H224935-84)

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	10/23/2022	ND	2.29	115	2.00	4.65	
Toluene*	<0.050	0.050	10/23/2022	ND	2.18	109	2.00	5.37	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	5.30	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.33	106	6.00	4.20	
Total BTEX	<0.300	0.300	10/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	171	85.7	200	8.92	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	181	90.6	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	96.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	105	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 45 @ 3' (H224935-85)

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	10/23/2022	ND	2.29	115	2.00	4.65	
Toluene*	<0.050	0.050	10/23/2022	ND	2.18	109	2.00	5.37	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	5.30	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.33	106	6.00	4.20	
Total BTEX	<0.300	0.300	10/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	171	85.7	200	8.92	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	181	90.6	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	99.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	101	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 45 @ 4' (H224935-86)

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	10/23/2022	ND	2.29	115	2.00	4.65	
Toluene*	<0.050	0.050	10/23/2022	ND	2.18	109	2.00	5.37	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	5.30	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.33	106	6.00	4.20	
Total BTEX	<0.300	0.300	10/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	171	85.7	200	8.92	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	181	90.6	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	96.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	105 9	46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 46 @ 1' (H224935-87)

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	10/23/2022	ND	2.29	115	2.00	4.65	
Toluene*	<0.050	0.050	10/23/2022	ND	2.18	109	2.00	5.37	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	5.30	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.33	106	6.00	4.20	
Total BTEX	<0.300	0.300	10/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	171	85.7	200	8.92	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	181	90.6	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	97.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	99.3	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 46 @ 2' (H224935-88)

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	10/23/2022	ND	2.29	115	2.00	4.65	
Toluene*	<0.050	0.050	10/23/2022	ND	2.18	109	2.00	5.37	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	5.30	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.33	106	6.00	4.20	
Total BTEX	<0.300	0.300	10/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	171	85.7	200	8.92	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	181	90.6	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	91.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	98.8	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 46 @ 3' (H224935-89)

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	10/23/2022	ND	2.29	115	2.00	4.65	
Toluene*	<0.050	0.050	10/23/2022	ND	2.18	109	2.00	5.37	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	5.30	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.33	106	6.00	4.20	
Total BTEX	<0.300	0.300	10/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	171	85.7	200	8.92	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	181	90.6	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					
Surrogate: 1-Chlorooctane	95.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	105 9	% 46.3-17	8						

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*=Accredited Analyte

Celeg D. Keine

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:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 46 @ 4' (H224935-90)

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	10/23/2022	ND	2.29	115	2.00	4.65	
Toluene*	<0.050	0.050	10/23/2022	ND	2.18	109	2.00	5.37	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	5.30	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.33	106	6.00	4.20	
Total BTEX	<0.300	0.300	10/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	195	97.5	200	4.63	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	194	96.9	200	6.37	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					
Surrogate: 1-Chlorooctane	104 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	114 9	46.3-17	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

Company Name: BBC International. Inc.	BILL	L TO		ANALYSIS REQUEST
Project Manager: Cliff Brunson	P.O. #:		_	
Address: P.O. Box 805	Company: Oxy	XY	_	
city: Hobbs State: NM Zip:	88241 Attn:			
5-397-6388 Fax #: 575-	7		_	
Project #: Project Owner: Oxy	city:			
ame: SDS 11 FEDERAL #1	State:	Zip:	-	
Project Location: New Mexico	Phone #:	1	T	
Sampler Name: SIMON	Fax #:		4	
FOR LABUSE ONLY	MATRIX PRESERV.	SAMPLING		
47774935 G)RAB OR (C)OMP	CONTAINERS CONTAINERS COUNDWATER NASTEWATER COIL	DATE TIME	BTEX	
	5		2	
-		12:31PM	5	
BOTTOM SAMPLE 25@1		12:40PM		
		10/12/22 12:56PM V	< •	
6 BOTTOM SAMPLE 25@4"		10/12/22 1:05PM	< <	
7 BOTTOM SAMPLE 26@1'	1	10/12/22 1:14PM	2	
8 BOTTOM SAMPLE 26@2"		10/12/22 1:20PM	2	
9 BOTTOM SAMPLE 26@3"	11	10/12/22 1:26PM	7	
	m arising whether based in contract or tort, shall be limited to the	to the amount paid by the client for the		
unargrees, carsonicie involuerig incore na regularice ana any crieri cause entraceres soate creatires service. In no event shall Cardinal be liable for incidental or consequental damages, including withou affiliates or successors arising out of or related to the performance of services hereunder by Cardinal affiliates or successors arising out of or related to the performance of services hereunder by Cardinal affiliates or successors arising out of or related to the performance of services hereunder by Cardinal affiliates of successors arising out of or related to the performance of services hereunder by Cardinal affiliates of successors arising out of or related to the performance of services here and the serv	over envisorere som er overrev verrev verrev unses move in mining and reserve og caramie enviring ange unspecion ut are oppevare quental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subaidaines, of services threaunder the Cardinal mountless of whicher such claim is basedence more threaters taked reasons or otherwise.	n and ways anter compresion on one appr s incurred by client, its subsidiaries, solve stated reasons or otherwise.	C-BOR	
Timegeout	Received By:	Phone Result: Fax Result: REMARKS:	□Yes □No □Yes □No	Add'l Phone #: Add'l Fax #:
U Timeius	ceived By:	A.		
	Itact	ation		
Sampler - UPS - Bus - Other: _ O,4 c/ -/, O c		,		
† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476	written changes to 505-393-2476			

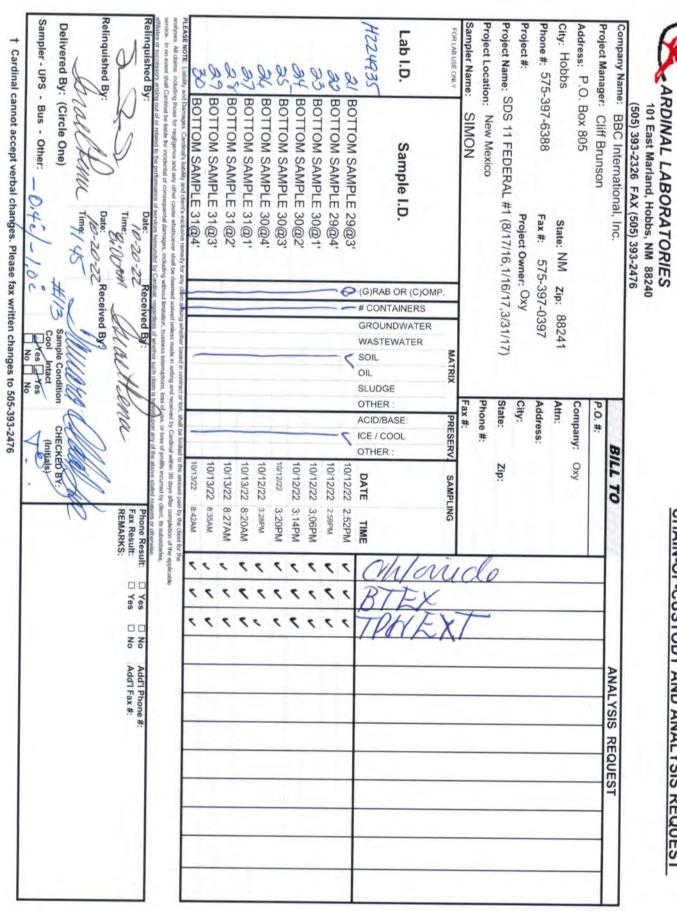
Page 93 of 101

Released to Imaging: 2/9/2023 7:53:59 AM

Company Name: BBC International, Inc.	BILL	LTO		ANALYSIS REQUEST
Project Manager: Cliff Brunson	P.O. #:			
Address: P.O. Box 805	Company: Oxy	ху		
city: Hobbs State: NM z				
5-397-6388 Fax #:	575-397-0397 Address:			
Project #: Project Owner: Oxy	Oxy city:			
Project Name: SDS 11 FEDERAL #1 (8/17/16,1/16/17,3/31/17)	State:	Zip:	-	
Project Location: New Mexico	Phone #:		7	
Sampler Name: SIMON	Fax #:		X	
Lab I.D. Sample I.D.	RAB OR (C)OMP. ONTAINERS OUNDWATER STEWATER IL JDGE HER : D/BASE: / COOL HER :	SAMPLING	TEX	
	# CO GRO WAS SOI OIL SLU OTH ACII		E T	
12 BOTTOM SAMPLE 27@1		10/12/22 1:40PM V	• •	
3 BOTTOM SAMPLE 27@3'	10	1:57PM	۲.	
14 BOTTOM SAMPLE 27@4"	10	2:04PM	٢	
/S BOTTOM SAMPLE 28@1'	10	10/12/22 2:10PM V	۲	
14 BOTTOM SAMPLE 28@2'	10	10/12/22 2:17PM	< < <	
17 BOTTOM SAMPLE 28@3'	10	10/12/22 2:23PM	۲	
18 BOTTOM SAMPLE 28@4"	10	10/12/22 2:29PM	<	
19 BOTTOM SAMPLE 29@1'	10	10/12/22 2:37PM V	> > >	
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim ansing whether based in contract or lost, shall be imited to the amount paid by the client for the applicable and any other cause whatsoever shall be deemed waived unless made in writing and meximed by Cardinal within 30 days after completion of the applicable and any completion of the applicable and any completion of the applicable and cause whatsoever shall be deemed waived unless made in writing and meximed by Cardinal within 30 days after completion of the applicable and any completion of the applicable and cause whatsoever shall be deemed waived unless made in writing and meximed by Cardinal within 30 days after completion of the applicable and any completion of the applicable and cause what cause what some and any completion of the applicable and cause what cause what some and any completion of the applicable and any completion of the applicable and cause	's exclusive remody for any claim arising whether based in contract or fort, shall be imited to the amount pad by the client for the see whatscener shall be deemed waived unless made in writing and mexived by Cardinal within 30 days after completion of the	re amount paid by the client for the n 30 days after completion of the app		
Relinquished By: Date: Date: 10-20-22 Time: 10-10-10 Time:	Received By:	Phone Result: Fax Result: REMARKS:	□ Yes □ No □ Yes □ No	Add"l Phone #: Add"l Fax #:
Relinquished, By: Delivered By: (Circle One) Sampler - UPS - Bus - Other: - 0,4 2/-1,0	Received By:	S BY:		
† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476				

Page 94 of 101

Received by OCD: 11/18/2022 5:39:50 PM



Page 260 of 392

Page 95 of 101

Company Name: BBC International, Inc.		BILL TO	1		ANALYSIS REDUEST	
Project Manager: Cliff Brunson	P.O. #				- 10	-
Address: P.O. Box 805	Company:	Dany: Oxv	_	_		
city: Hobbs State: NM	Zip: 88241		_			
Phone #: 575-397-6388 Fax #: 57	575-397-0397 Address:	ess:	_			
Project #: Project Owner: Oxy	ler: Oxy City:		_	_		_
Project Name: SDS 11 FEDERAL #1 (8/17/16,1/16/17,3/31/17)		Zip:	>			
Project Location: New Mexico	Phone #	#	6	1		
Sampler Name: SIMON	Fax #:		10	1		-
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING	ú	KT		_
Lab I.D. Sample I.D.	R :		M/n	EX		_
H224935	# CON GROU	OTHER DATE TIME	Q	BI		
31 BOTTOM SAMPLE 32@1	- ~	-	<	2		+
1.1		10/13/22 9:00AM	2	۲ ۲		_
20 BOTTOM SAMPLE 32@3"		10/13/22 9:10AM	۲	۶ ۲		
		10/13/22 9:16AM	۲	2		_
		10/13/22 9:23AM	۲	2		_
12		10/13/22 9:29AM	٢	۲ ۲		-
-		10/13/22 9:36AM	۲	2		_
		10/13/22 9:42AM	٢	1		-
		10/13/22 9:50AM		1		-
OTTOM SAMPL		10/13/22 9:57AM	-	2		-
ACX-X-X WVIE: Losinity and Damages Catorial's labelity and client's exclusive remety for any Calim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for melligence and any other cause whatsoever shall be deemed watures make in writing and received by Candinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including whould imitation, business intemptions, base of loss of portist incurred by client, its subsidiaries, attraction or sources house on an order or sources house on the analysis.	ent's exclusive remoty for any claim arding whether based in contract or tort, shall be limit cause whatoover shall be deemed waved unless made in writing and roowed by Cardin equantial damages, including without limitation, business interruptions, bosov use, or toss or or another homoment.	ort, shall be limited to the amount paid by the client for the seved by Cardinal within 30 days after completion of the a of use, or loss of profits incurred by client, its subsidiaries	x the the applicable aries,			
Relinquished By:	Time? -20-22 Received By:	Phone Result: Fax Result: REMARKS:	ult	□ Yes □ No	o Add" Phone #: o Add" Fax #:	
Relinquistied By:	Received By:	1 Los				
	Sample Condition	CHECKED BY: (Initials)				
Sampler - UPS - Bus - Other: _ O.4 e/-/	-1.0 C PYes PYes	40				

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Received by OCD: 11/18/2022 5:39:50 PM

Address: P.O. Box 805	12	ANALYSIS REQUEST
City: Hobbs State: NM Zip: Phone #: 575-397-6388 Fax #: 575-397- Project #: Project Owner: Oxy Project Name: SDS 11 FEDERAL #1 (8/17/16.1/16/17)	Attn: Address: City:	
SDS 11 FEDERAL #1 n: New Mexico SIMON		~
FOR LAB USE ONLY	Fax #:	7
Lab I.D. Sample I.D.	DIRAB OR (C)OMP. CONTAINERS ROUNDWATER ASTEWATER DIL L UDGE THER : COOL THER : SAMPLING	STAK PHIEX
42 BOTTOM SAMPLE 34@3' 42 BOTTOM SAMPLE 34@4' 43 BOTTOM SAMPLE 35@1'	10/13/22 10:05AM 10/13/22 10:12AM 10/13/22 10:20AM 10/13/22 10:20AM	, , , , ,
45 BOTTOM SAMPLE 35@2"	10:26AM 10:32AM	
47 BOTTOM SAMPLE 36@1	10/13/22 10:38AM 10/13/22 10:46AM	_
43 BOTTOM SAMPLE 36@2' 50 BOTTOM SAMPLE 36@3' 50 BOTTOM SAMPLE 36@4'	10/13/22 10:54AM 10/13/22 11:02AM 10/13/22 11:10AM	
g those for negliger rdinal be liable for i g out of or related t	You and any other cause whatsoever shall be deemed winved unserver versions or not your annex to the immonit juid by the client for the incidential or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by dient, its subsidiales, o the performance of services hensunder by Cardinal, regardless of whether such cliam is based used any of the above stated reasons or observice.	
Relinquished By: Relinquished By: Delivered By: (Circle One)	22 Received By: 22 Received By: 23 Received By: 24 Received By: 25 Received By: 27 Rec] Yes 🗌 No Add" Phone #:] Yes 🗌 No Add" Fax #:

Received by		. 11/10)/ 4 0 1	44 3.3	9.50	I 1 V 1
† Cardinal cannot accept v	Sampler - UPS - Bus - Other:	Delivered By: (Circle One)	Relinquished By:	N SAL	service. In no event shall Cardinal be liable for inciden affiliates or successors ansing out of or related to the p Relinguished By:	PLEASE NOTE: Liability and Darriages. Cardinaf's lia analyses. All claims industing those for modeware and

Timey 145

10-20-22 Received By:

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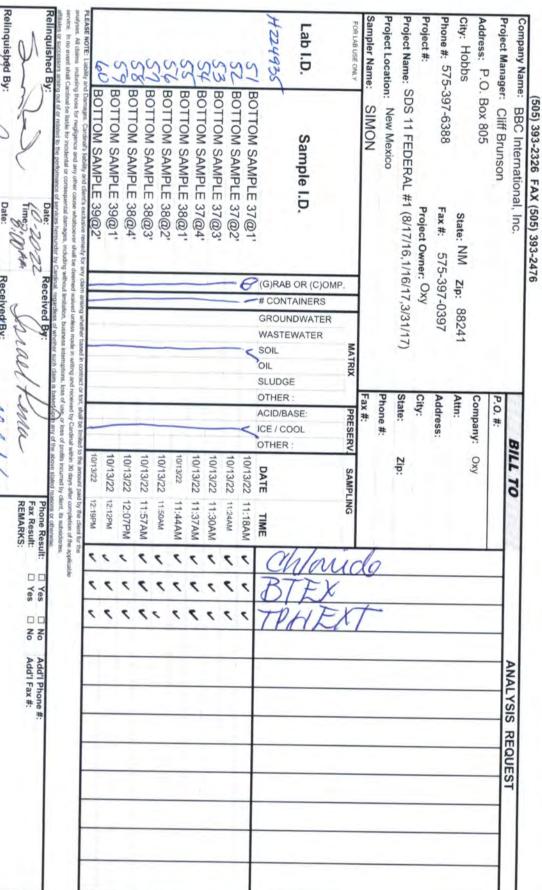
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Cool Intact TYes Yes No No Sample Condition

CHECKED BY:

(Initials)

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101 East Marland, Hobbs, NM 88240

Page 98 of 101

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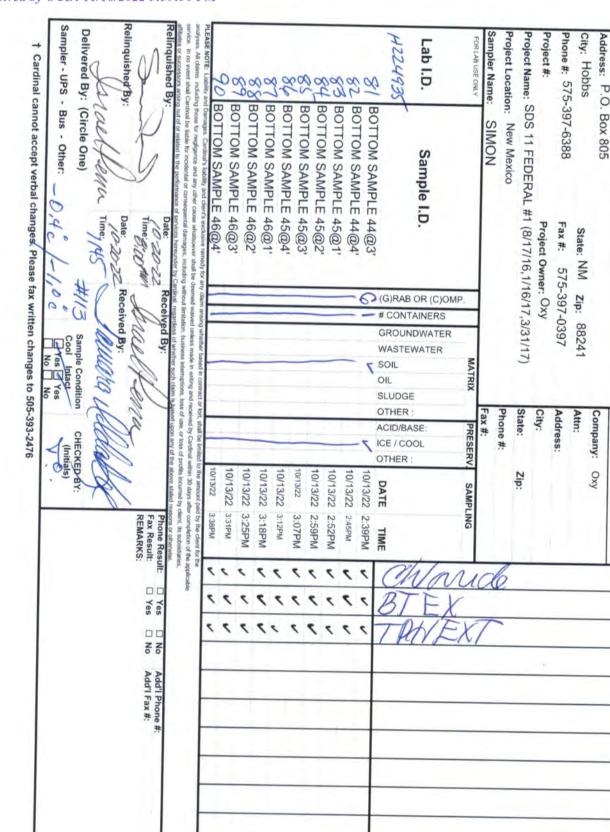
	BILL TO	ANALYSIS REQUEST
Project Manager: Cliff Brunson	P.O. #:	- 12
Address: P.O. Box 805	Company: Oxv	
city: Hobbs State: NM Zip: 88241		
ςn	Address:	
Project #: Project Owner: Oxy	City:	
Project Name: SDS 11 FEDERAL #1 (8/17/16,1/16/17,3/31/17)	State: Zip:	
Project Location: New Mexico	ŧ	
Sampler Name: SIMON	Fax #:	
1	MATRIX PRESERV. SAMPLING	X
Lab I.D. Sample I.D. B OR (C)O ITAINERS INDWATER EWATER	R : BASE: COOL	
# CON		BITRA
39@3' 6 1	10/13/22 12	۲.
62 BOTTOM SAMPLE 39@4"	10/13/22 12:31PM	2
BOTTOM SAMPLE	10/13/22 12:38PM V	2
AS BOTTOM SAMPLE 40@2	22	<
0	12:53PM	5
7	10/13/22 1:00PM	
200	1:12PM	< · · >
70 BOTTOM SAMPLE 41@3'	10/13/22 1:19PM	2
s exclusive remedy for any claim arising whether base	10/13/22	2
those for negligence and any other cause whatsoever shall dinal be liable for incidential or consequential damages, indu out of or related to the performance of services hereunder i		adde
Relinquished By: 10-20-22 Received By: 10-20-22 Received By: 10-20-22 Received By: 10-20-22 Received By:	02	Ves No Add'I Phone #: No Add'I Fax #:
Received	Amora allalado	
Sampler - UPS - Bus - Other: -O, 4c/-/, 0c Pres	Yes	
† Cardinal cannot accept verbal changes. Please fay written changes to 505 303 3476	No	

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Received	bv	OCD:	11/18	/2022	5:39:50	PM
	~,	~~~	*****			

Project Manager: Cliff Brunson	BILL TO	ANALYSIS REQUEST
	Company: Oxv	
City: Hobbs State: NM Zip: 882. Phone #: 575-397-6388 Fax #: 575-397-0397	41 Attn:	
2	xy City:	
RAL #1		
Project Location: New Mexico	*	
Sampler Name: SIMON	Fax#	7
MP.	MATRIX PRESERV. SAMPLING	
Lab I.D. Sample I.D.	CONTAINERS BROUNDWATER VASTEWATER BOIL DIL BLUDGE DTHER : CID/BASE: CE / COOL DTHER : CE / COOL DTHER : CE / COOL DTHER : CE / COOL DTHER : COUL	
42@1' 42@2'	10/13/22 1:	, , ,
74 BOTTOM SAMPLE 42@3'	10/13/22 1:46PM V V	۲ ۲
S BOTTOM SAMPLE 42@4	10/13/22 1;52PM V	<
TO BOTTOM SAMPLE 43@1		<
77 BOTTOM SAMPLE 43@3"	10/13/22 207PM 4 4	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
10 BUTTOM SAMPLE 43@4"	10/13/22 2:19PM v	•
80 BOTTOM SAMPLE 44@1	10/13/22 2:35PM	
	ving whether based in contract or lost, shall be fimited to the amount paid by the client for the ever unless mode in writing and received by Cardinal within 30 days after completion of the applicable after, business intermittion, bose to use or loss of modes incurrent events in exclusions.	
Relinquished By: Date: 20-22 Re		es □ No Add'I Phone #: es □ No Add'I Fax #:
MUL Timey 145	Received By:	
Sampler - UPS - Bus - Other: _0,4 % /_1.0	Cool Infact Cool Infact Pres Tres (Initials)	

Page 100 of 101



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

Project Manager: Cliff Brunson

P.O. #:

BILL TO

ANALYSIS

REQUEST

Company Name:

BBC International, Inc.



October 26, 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 10/20/22 14:20.

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/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,

Celey D. Keine

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:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/26/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 101 @ 3' (H224942-01)

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	10/25/2022	ND	2.02	101	2.00	2.25	
Toluene*	<0.050	0.050	10/25/2022	ND	2.20	110	2.00	0.147	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	101	2.00	0.288	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.09	101	6.00	0.509	
Total BTEX	<0.300	0.300	10/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/24/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2022	ND	222	111	200	3.00	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	231	116	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					
Surrogate: 1-Chlorooctane	91.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	112 9	% 46.3-17	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

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:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/26/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 101 @ 4' (H224942-02)

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	10/25/2022	ND	2.02	101	2.00	2.25	
Toluene*	<0.050	0.050	10/25/2022	ND	2.20	110	2.00	0.147	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	101	2.00	0.288	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.09	101	6.00	0.509	
Total BTEX	<0.300	0.300	10/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/24/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2022	ND	222	111	200	3.00	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	231	116	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					
Surrogate: 1-Chlorooctane	98.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	117 9	46.3-17	8						

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Celeg D. Keine

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:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/26/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 102 @ 1' (H224942-03)

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	10/25/2022	ND	2.02	101	2.00	2.25	
Toluene*	<0.050	0.050	10/25/2022	ND	2.20	110	2.00	0.147	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	101	2.00	0.288	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.09	101	6.00	0.509	
Total BTEX	<0.300	0.300	10/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/24/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2022	ND	222	111	200	3.00	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	231	116	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					
Surrogate: 1-Chlorooctane	98.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	117 9	46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/26/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 102 @ 2' (H224942-04)

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	10/25/2022	ND	2.02	101	2.00	2.25	
Toluene*	<0.050	0.050	10/25/2022	ND	2.20	110	2.00	0.147	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	101	2.00	0.288	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.09	101	6.00	0.509	
Total BTEX	<0.300	0.300	10/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/24/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2022	ND	222	111	200	3.00	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	231	116	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					
Surrogate: 1-Chlorooctane	106 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	129 9	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/26/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 102 @ 3' (H224942-05)

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	10/25/2022	ND	2.02	101	2.00	2.25	
Toluene*	<0.050	0.050	10/25/2022	ND	2.20	110	2.00	0.147	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	101	2.00	0.288	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.09	101	6.00	0.509	
Total BTEX	<0.300	0.300	10/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/24/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2022	ND	222	111	200	3.00	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	231	116	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					
Surrogate: 1-Chlorooctane	96.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	119 9	46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/26/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 102 @ 4' (H224942-06)

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	10/25/2022	ND	2.02	101	2.00	2.25	
Toluene*	<0.050	0.050	10/25/2022	ND	2.20	110	2.00	0.147	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	101	2.00	0.288	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.09	101	6.00	0.509	
Total BTEX	<0.300	0.300	10/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/24/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2022	ND	222	111	200	3.00	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	231	116	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					
Surrogate: 1-Chlorooctane	96.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	114 9	46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/26/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: SIDEWALL 1 (H224942-07)

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	10/25/2022	ND	2.02	101	2.00	2.25	
Toluene*	<0.050	0.050	10/25/2022	ND	2.20	110	2.00	0.147	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	101	2.00	0.288	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.09	101	6.00	0.509	
Total BTEX	<0.300	0.300	10/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	10/24/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2022	ND	222	111	200	3.00	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	231	116	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					
Surrogate: 1-Chlorooctane	97.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	118 9	46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/26/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: SIDEWALL 2 (H224942-08)

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	10/25/2022	ND	2.02	101	2.00	2.25	
Toluene*	<0.050	0.050	10/25/2022	ND	2.20	110	2.00	0.147	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	101	2.00	0.288	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.09	101	6.00	0.509	
Total BTEX	<0.300	0.300	10/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/24/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2022	ND	222	111	200	3.00	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	231	116	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					
Surrogate: 1-Chlorooctane	98.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	118 9	46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/26/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: SIDEWALL 3 (H224942-09)

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	10/25/2022	ND	2.02	101	2.00	2.25	
Toluene*	<0.050	0.050	10/25/2022	ND	2.20	110	2.00	0.147	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	101	2.00	0.288	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.09	101	6.00	0.509	
Total BTEX	<0.300	0.300	10/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/24/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2022	ND	222	111	200	3.00	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	231	116	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					
Surrogate: 1-Chlorooctane	104 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	126 9	46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/26/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: SIDEWALL 4 (H224942-10)

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	10/25/2022	ND	2.02	101	2.00	2.25	
Toluene*	<0.050	0.050	10/25/2022	ND	2.20	110	2.00	0.147	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	101	2.00	0.288	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.09	101	6.00	0.509	
Total BTEX	<0.300	0.300	10/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/24/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2022	ND	222	111	200	3.00	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	231	116	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					
Surrogate: 1-Chlorooctane	96.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	117 9	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/26/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: SIDEWALL 5 (H224942-11)

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	10/25/2022	ND	2.02	101	2.00	2.25	
Toluene*	<0.050	0.050	10/25/2022	ND	2.20	110	2.00	0.147	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	101	2.00	0.288	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.09	101	6.00	0.509	
Total BTEX	<0.300	0.300	10/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/24/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2022	ND	222	111	200	3.00	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	231	116	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					
Surrogate: 1-Chlorooctane	92.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	110 9	46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/26/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: SIDEWALL 6 (H224942-12)

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	10/25/2022	ND	2.02	101	2.00	2.25	
Toluene*	<0.050	0.050	10/25/2022	ND	2.20	110	2.00	0.147	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	101	2.00	0.288	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.09	101	6.00	0.509	
Total BTEX	<0.300	0.300	10/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/24/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2022	ND	222	111	200	3.00	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	231	116	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					
Surrogate: 1-Chlorooctane	95.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	116 9	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/26/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: SIDEWALL 7 (H224942-13)

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	10/25/2022	ND	2.02	101	2.00	2.25	
Toluene*	<0.050	0.050	10/25/2022	ND	2.20	110	2.00	0.147	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	101	2.00	0.288	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.09	101	6.00	0.509	
Total BTEX	<0.300	0.300	10/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/24/2022	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2022	ND	249	125	200	4.01	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	205	102	200	6.50	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					
Surrogate: 1-Chlorooctane	109	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	116	% 46.3-17	8						

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Celeg D. Keine

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:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/26/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: SIDEWALL 8 (H224942-14)

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	10/25/2022	ND	2.02	101	2.00	2.25	
Toluene*	<0.050	0.050	10/25/2022	ND	2.20	110	2.00	0.147	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	101	2.00	0.288	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.09	101	6.00	0.509	
Total BTEX	<0.300	0.300	10/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/24/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2022	ND	249	125	200	4.01	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	205	102	200	6.50	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					
Surrogate: 1-Chlorooctane	115 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	126	% 46.3-17	8						

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Celeg D. Keine

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:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/26/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: SIDEWALL 9 (H224942-15)

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	10/25/2022	ND	1.91	95.5	2.00	0.856	
Toluene*	<0.050	0.050	10/25/2022	ND	2.11	106	2.00	3.26	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.00	100	2.00	2.81	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.03	101	6.00	3.06	
Total BTEX	<0.300	0.300	10/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/24/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2022	ND	249	125	200	4.01	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	205	102	200	6.50	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					
Surrogate: 1-Chlorooctane	114 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	122	% 46.3-17	8						

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Celeg D. Keine

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:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/26/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: SIDEWALL 10 (H224942-16)

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	10/25/2022	ND	1.91	95.5	2.00	0.856	
Toluene*	<0.050	0.050	10/25/2022	ND	2.11	106	2.00	3.26	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.00	100	2.00	2.81	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.03	101	6.00	3.06	
Total BTEX	<0.300	0.300	10/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/24/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2022	ND	249	125	200	4.01	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	205	102	200	6.50	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					
Surrogate: 1-Chlorooctane	113 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	122	% 46.3-17	8						

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Celeg D. Keine

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:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/26/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: SIDEWALL 11 (H224942-17)

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	10/25/2022	ND	1.91	95.5	2.00	0.856	
Toluene*	<0.050	0.050	10/25/2022	ND	2.11	106	2.00	3.26	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.00	100	2.00	2.81	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.03	101	6.00	3.06	
Total BTEX	<0.300	0.300	10/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/24/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2022	ND	249	125	200	4.01	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	205	102	200	6.50	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					
Surrogate: 1-Chlorooctane	108	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	117 9	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/26/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: SIDEWALL 12 (H224942-18)

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	10/25/2022	ND	1.91	95.5	2.00	0.856	
Toluene*	<0.050	0.050	10/25/2022	ND	2.11	106	2.00	3.26	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.00	100	2.00	2.81	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.03	101	6.00	3.06	
Total BTEX	<0.300	0.300	10/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/24/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2022	ND	249	125	200	4.01	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	205	102	200	6.50	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					
Surrogate: 1-Chlorooctane	107	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	115 9	46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/26/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: SIDEWALL 13 (H224942-19)

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	10/25/2022	ND	1.91	95.5	2.00	0.856	
Toluene*	<0.050	0.050	10/25/2022	ND	2.11	106	2.00	3.26	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.00	100	2.00	2.81	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.03	101	6.00	3.06	
Total BTEX	<0.300	0.300	10/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/24/2022	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	10/25/2022	ND	249	125	200	4.01	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	205	102	200	6.50	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					
Surrogate: 1-Chlorooctane	118 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	128	% 46.3-17	8						

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Celez D. Keine

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:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/26/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: SIDEWALL 14 (H224942-20)

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	10/25/2022	ND	1.91	95.5	2.00	0.856	
Toluene*	<0.050	0.050	10/25/2022	ND	2.11	106	2.00	3.26	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.00	100	2.00	2.81	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.03	101	6.00	3.06	
Total BTEX	<0.300	0.300	10/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/24/2022	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	10/25/2022	ND	249	125	200	4.01	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	205	102	200	6.50	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					
Surrogate: 1-Chlorooctane	116	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	125	% 46.3-17	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Released to Imaging: 2/9/2023 7:53:59 AM

Received by	, OCD :	11/18/2022	5:39:50 PM
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Company Name:	BRC International Inc			5			
Project Manager:			P.O. #:				NEQUENT
Address: P.O.	Β				_		
city: Hobbs	State: NM	zip: 88241	Attn:				
Phone #: 575-397-6388	Fax #:	575-397-0397	Address:		_		
Project #:	Project Owner: Oxy	Ier: Oxy	City:				
Project Name: S	SDS 11 FEDERAL #1 (8/17/16,1/16/17,3/31/17)	1/16/17,3/31/17)	State: Zin:				
Project Location:	1: New Mexico		#		-		
Sampler Name:	SIMON		Fax #:		d		
FOR LAB USE ONLY		MATRIX	ESERV.	SAMPLING			
Lab I.D.	Sample I.D.	G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER NASTEWATER SOIL SIL SLUDGE		DATE	Ch/an BTEX TVHEX		
1	BOTTOM SAMPLE 101@3"		10	-	~ ~ ~		
N	BOTTOM SAMPLE 101@4"		10/19/22				
Cu	BOTTOM SAMPLE 102@1'		10/19/22				
4	BOTTOM SAMPLE 102@2'		10/19/22				
S	BOTTOM SAMPLE 102@3'		10/19/22		•		
6	BOTTOM SAMPLE 102@4'		10/19/22	9/22 1:34PM	, , , , , , , , , , , , , , , , , , ,		
n	SIDEWALL 1		10/19/22	1/22 1:41PM	< < <		
200	SIDEWALL 2		10/19/22	1/22 1:50PM	< < <		
57	SIDEWALL 3		10/19/22		1 1 1		
PLEASE NOTE: Liability and (inalyses. All claims. including t ervice. In no event shall Card	ity and client's exclusive rem any other cause whatsoever	edy for any claim arising whether based in contract shall be deemed waived unless made in writing and	or lort, shall be limited to the amount p received by Cardinal within 30 days a	unit paid by the client for the tys after completion of the a	e applicable		
Relinquished By:	ce of services hereur Date:		is based upon any of the above st	of the above stated reasons or otherwise			
A	Lo Zoz	the Lorall	Henn	Phone Result: Fax Result: REMARKS:	□ Yes □ □ Yes □	No Add'I Phone #: No Add'I Fax #:	
Delivered By: (Circle One)	Plante Time	Received By:	9				
Sampler - UPS -	Bus - Other: 7.3c/	1.9 C Pres Pres	(Initials)				
+ Condinal comment of the state		ALL 1 ALL 1	-	-			

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

	(505) 393-2326 FAX (505) 393-2476	5) 393-2476										1
Company Nam	Company Name: BBC International, Inc.	IC.		BIL	BILL TO					ANALYSIS RE	REQUEST	-
Project Manage	Project Manager: Cliff Brunson			P.O. #:			_	_	_			-
Address: P.O. Box 805	. Box 805			Company: 0	Oxy					_		_
city: Hobbs		State: NM zip: 88241		Attn:								_
Phone #: 575-397-6388	-	Ċ1	97	Address:						_		_
Project #:		Project Owner: OXY		City:			-					-
Project Name:	Project Name: SDS 11 FEDERAL #1 (8/17/16,1/16/17,3/31/17)	3/17/16,1/16/17,3/3		State: Z	Zip:		_	_	-			_
Project Location:	n: New Mexico			Phone #:		_	l	_				-
Sampler Name:	SIMON			Fax #:			C	-	Υ/			_
FOR LAB USE ONLY		2	MATRIX	PRESERV.	SAMPLING	NG	U		=/			-
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER	WASTEWATER SOIL OIL SLUDGE	OTHER : ACID/BASE: ICE / COOL OTHER :	DATE	TIME	Ch/ov	STEX	THU			
11	SIDEWALL 5	6	5	4	10/19/22 2:16PM	2:16PM	<	<	<			-
12	SIDEWALL 6	_	_		10/19/22 2:25PM	2:25PM	<	<	<			-
12	SIDEWALL 7			-	10/19/22 2:34PM	2:34PM	<	5	•			-
14	SIDEWALL 8				10/19/22 2;42PM	2;42PM	2	2	2			
51	SIDEWALL 9				10/19/22	2:50PM	<	<	1			1
16	SIDEWALL 10			-	10/19/22 2;57PM	2;57PM	<	2	۲			1
41	SIDEWALL 11			-	10/19/22 3:07PM	3:07PM	2	<	۲			-
18	SIDEWALL 12				10/19/22 3;16PM	3;16PM	٩	<	<			-
19	SIDEWALL 13				10/19/22 3;27PM	3;27PM	٩	"	•			-
20	SIDEWALL 14				10/19/22	3:35PM	5	<	2	_		-
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V -	D TIN	20-22	Hymer H	Lann	`	Fax Result: REMARKS:		□ Yes	O No	Add'l Fax #:		
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† Cardinal cannot accept verbal changes/ Please fax written changes to 505-393-2476

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ECKED B (Initials)



October 27, 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 10/20/22 14:20.

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/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,

Celey D. Keine

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:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 79 @ 1' (H224941-01)

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	10/24/2022	ND	2.07	104	2.00	11.9	
Toluene*	<0.050	0.050	10/24/2022	ND	2.20	110	2.00	9.47	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.07	103	2.00	11.8	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.28	105	6.00	13.1	
Total BTEX	<0.300	0.300	10/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/24/2022	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	10/24/2022	ND	206	103	200	5.94	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	192	95.8	200	7.23	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	97.2	% 45.3-16	51						
Surrogate: 1-Chlorooctadecane	103	% 46.3-17	18						

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*=Accredited Analyte

Celez D. Keine

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:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 79 @ 2' (H224941-02)

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	10/24/2022	ND	2.07	104	2.00	11.9	
Toluene*	<0.050	0.050	10/24/2022	ND	2.20	110	2.00	9.47	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.07	103	2.00	11.8	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.28	105	6.00	13.1	
Total BTEX	<0.300	0.300	10/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/24/2022	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	10/24/2022	ND	206	103	200	5.94	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	192	95.8	200	7.23	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	98.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	105 9	46.3-17	8						

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Celeg D. Keine

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:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 79 @ 3' (H224941-03)

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	10/24/2022	ND	2.07	104	2.00	11.9	
Toluene*	<0.050	0.050	10/24/2022	ND	2.20	110	2.00	9.47	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.07	103	2.00	11.8	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.28	105	6.00	13.1	
Total BTEX	<0.300	0.300	10/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/24/2022	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	10/24/2022	ND	177	88.5	200	4.81	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	182	90.9	200	9.76	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	87.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	94.0	% 46.3-17	8						

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Celeg D. Keine

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:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 79 @ 4' (H224941-04)

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	10/24/2022	ND	2.07	104	2.00	11.9	
Toluene*	<0.050	0.050	10/24/2022	ND	2.20	110	2.00	9.47	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.07	103	2.00	11.8	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.28	105	6.00	13.1	
Total BTEX	<0.300	0.300	10/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/24/2022	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	10/24/2022	ND	177	88.5	200	4.81	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	182	90.9	200	9.76	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	90.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	101 9	% 46.3-17	8						

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Celeg D. Keine

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:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 80 @ 1' (H224941-05)

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	10/24/2022	ND	2.27	113	2.00	0.449	
Toluene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	0.381	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.09	104	2.00	0.316	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.24	104	6.00	0.361	
Total BTEX	<0.300	0.300	10/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/24/2022	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	10/24/2022	ND	177	88.5	200	4.81	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	182	90.9	200	9.76	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	89.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	102 9	46.3-17	8						

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Celeg D. Keine

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:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 80 @ 2' (H224941-06)

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	10/24/2022	ND	2.27	113	2.00	0.449	
Toluene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	0.381	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.09	104	2.00	0.316	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.24	104	6.00	0.361	
Total BTEX	<0.300	0.300	10/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/24/2022	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	10/24/2022	ND	177	88.5	200	4.81	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	182	90.9	200	9.76	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	94.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	101	% 46.3-17	8						

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Celeg D. Keine

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:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 80 @ 3' (H224941-07)

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	10/24/2022	ND	2.27	113	2.00	0.449	
Toluene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	0.381	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.09	104	2.00	0.316	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.24	104	6.00	0.361	
Total BTEX	<0.300	0.300	10/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/24/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	177	88.5	200	4.81	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	182	90.9	200	9.76	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	94.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	101	% 46.3-17	8						

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Celeg D. Keine

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:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 80 @ 4' (H224941-08)

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	10/24/2022	ND	2.27	113	2.00	0.449	
Toluene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	0.381	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.09	104	2.00	0.316	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.24	104	6.00	0.361	
Total BTEX	<0.300	0.300	10/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/24/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	177	88.5	200	4.81	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	182	90.9	200	9.76	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	98.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	105 9	% 46.3-17	8						

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Celeg D. Keine

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:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 81 @ 1' (H224941-09)

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	10/24/2022	ND	2.27	113	2.00	0.449	
Toluene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	0.381	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.09	104	2.00	0.316	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.24	104	6.00	0.361	
Total BTEX	<0.300	0.300	10/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/24/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	177	88.5	200	4.81	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	182	90.9	200	9.76	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	96.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	104 9	46.3-17	8						

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*=Accredited Analyte

Celeg D. Keine

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:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 81 @ 2' (H224941-10)

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	10/24/2022	ND	2.27	113	2.00	0.449	
Toluene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	0.381	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.09	104	2.00	0.316	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.24	104	6.00	0.361	
Total BTEX	<0.300	0.300	10/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/24/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	177	88.5	200	4.81	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	182	90.9	200	9.76	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	97.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	103 9	% 46.3-17	8						

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Celeg D. Keine

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:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 81 @ 3' (H224941-11)

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	10/24/2022	ND	2.27	113	2.00	0.449	
Toluene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	0.381	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.09	104	2.00	0.316	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.24	104	6.00	0.361	
Total BTEX	<0.300	0.300	10/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	89.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/24/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	177	88.5	200	4.81	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	182	90.9	200	9.76	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	103	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	112 9	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 81 @ 4' (H224941-12)

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	10/24/2022	ND	2.27	113	2.00	0.449	
Toluene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	0.381	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.09	104	2.00	0.316	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.24	104	6.00	0.361	
Total BTEX	<0.300	0.300	10/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/24/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	177	88.5	200	4.81	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	182	90.9	200	9.76	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	101	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	108	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 82 @ 1' (H224941-13)

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	10/24/2022	ND	2.27	113	2.00	0.449	
Toluene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	0.381	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.09	104	2.00	0.316	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.24	104	6.00	0.361	
Total BTEX	<0.300	0.300	10/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/24/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	177	88.5	200	4.81	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	182	90.9	200	9.76	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	98.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	104 9	% 46.3-17	8						

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

Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 82 @ 2' (H224941-14)

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	10/24/2022	ND	2.27	113	2.00	0.449	
Toluene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	0.381	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.09	104	2.00	0.316	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.24	104	6.00	0.361	
Total BTEX	<0.300	0.300	10/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/24/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	177	88.5	200	4.81	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	182	90.9	200	9.76	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	95.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	101	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 82 @ 3' (H224941-15)

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	10/24/2022	ND	2.27	113	2.00	0.449	
Toluene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	0.381	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.09	104	2.00	0.316	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.24	104	6.00	0.361	
Total BTEX	<0.300	0.300	10/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/24/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	177	88.5	200	4.81	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	182	90.9	200	9.76	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	99.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	107 :	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 82 @ 4' (H224941-16)

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	10/24/2022	ND	2.27	113	2.00	0.449	
Toluene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	0.381	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.09	104	2.00	0.316	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.24	104	6.00	0.361	
Total BTEX	<0.300	0.300	10/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/24/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	177	88.5	200	4.81	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	182	90.9	200	9.76	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	98.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	108 9	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 83 @ 1' (H224941-17)

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	10/24/2022	ND	2.27	113	2.00	0.449	
Toluene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	0.381	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.09	104	2.00	0.316	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.24	104	6.00	0.361	
Total BTEX	<0.300	0.300	10/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/24/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	177	88.5	200	4.81	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	182	90.9	200	9.76	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	100	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	115 9	% 46.3-17	8						

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

Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 83 @ 2' (H224941-18)

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	10/24/2022	ND	2.27	113	2.00	0.449	
Toluene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	0.381	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.09	104	2.00	0.316	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.24	104	6.00	0.361	
Total BTEX	<0.300	0.300	10/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.0	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/24/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	177	88.5	200	4.81	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	182	90.9	200	9.76	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	98.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	106	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 83 @ 3' (H224941-19)

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	10/24/2022	ND	2.27	113	2.00	0.449	
Toluene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	0.381	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.09	104	2.00	0.316	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.24	104	6.00	0.361	
Total BTEX	<0.300	0.300	10/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/24/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	177	88.5	200	4.81	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	182	90.9	200	9.76	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	103	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	109	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 83 @ 4' (H224941-20)

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	10/24/2022	ND	2.27	113	2.00	0.449	
Toluene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	0.381	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.09	104	2.00	0.316	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.24	104	6.00	0.361	
Total BTEX	<0.300	0.300	10/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/24/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	177	88.5	200	4.81	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	182	90.9	200	9.76	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	91.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	97.6	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 84 @ 1' (H224941-21)

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	10/24/2022	ND	2.27	113	2.00	0.449	
Toluene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	0.381	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.09	104	2.00	0.316	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.24	104	6.00	0.361	
Total BTEX	<0.300	0.300	10/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/24/2022	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	177	88.5	200	4.81	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	182	90.9	200	9.76	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	93.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	104	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 84 @ 2' (H224941-22)

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	10/24/2022	ND	2.27	113	2.00	0.449	
Toluene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	0.381	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.09	104	2.00	0.316	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.24	104	6.00	0.361	
Total BTEX	<0.300	0.300	10/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/24/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	177	88.5	200	4.81	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	182	90.9	200	9.76	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	91.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	98.6	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 84 @ 3' (H224941-23)

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	10/24/2022	ND	2.27	113	2.00	0.449	
Toluene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	0.381	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.09	104	2.00	0.316	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.24	104	6.00	0.361	
Total BTEX	<0.300	0.300	10/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/24/2022	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	204	102	200	6.73	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	206	103	200	4.06	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	109	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	125	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 84 @ 4' (H224941-24)

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	10/24/2022	ND	2.27	113	2.00	0.449	
Toluene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	0.381	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.09	104	2.00	0.316	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.24	104	6.00	0.361	
Total BTEX	<0.300	0.300	10/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/24/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	204	102	200	6.73	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	206	103	200	4.06	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	112 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	129 9	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 85 @ 1' (H224941-25)

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	10/24/2022	ND	2.04	102	2.00	8.01	
Toluene*	<0.050	0.050	10/24/2022	ND	2.21	110	2.00	8.21	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.04	102	2.00	7.94	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.15	102	6.00	8.86	
Total BTEX	<0.300	0.300	10/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/24/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	204	102	200	6.73	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	206	103	200	4.06	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	98.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	118 9	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 85 @ 2' (H224941-26)

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	10/24/2022	ND	2.04	102	2.00	8.01	
Toluene*	<0.050	0.050	10/24/2022	ND	2.21	110	2.00	8.21	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.04	102	2.00	7.94	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.15	102	6.00	8.86	
Total BTEX	<0.300	0.300	10/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/24/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	204	102	200	6.73	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	206	103	200	4.06	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	108	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	122	% 46.3-17	8						

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

Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 85 @ 3' (H224941-27)

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	10/24/2022	ND	2.04	102	2.00	8.01	
Toluene*	<0.050	0.050	10/24/2022	ND	2.21	110	2.00	8.21	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.04	102	2.00	7.94	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.15	102	6.00	8.86	
Total BTEX	<0.300	0.300	10/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/24/2022	ND	416	104	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	204	102	200	6.73	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	206	103	200	4.06	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	117 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	133 9	46.3-17	8						

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

Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 85 @ 4' (H224941-28)

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	10/24/2022	ND	2.04	102	2.00	8.01	
Toluene*	<0.050	0.050	10/24/2022	ND	2.21	110	2.00	8.21	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.04	102	2.00	7.94	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.15	102	6.00	8.86	
Total BTEX	<0.300	0.300	10/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/24/2022	ND	416	104	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	204	102	200	6.73	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	206	103	200	4.06	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	109 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	127 9	46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 86 @ 1' (H224941-29)

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	10/24/2022	ND	2.04	102	2.00	8.01	
Toluene*	<0.050	0.050	10/24/2022	ND	2.21	110	2.00	8.21	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.04	102	2.00	7.94	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.15	102	6.00	8.86	
Total BTEX	<0.300	0.300	10/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/24/2022	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	204	102	200	6.73	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	206	103	200	4.06	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	107 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	122 9	46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 86 @ 2' (H224941-30)

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	10/24/2022	ND	2.04	102	2.00	8.01	
Toluene*	<0.050	0.050	10/24/2022	ND	2.21	110	2.00	8.21	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.04	102	2.00	7.94	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.15	102	6.00	8.86	
Total BTEX	<0.300	0.300	10/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.0	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/24/2022	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	204	102	200	6.73	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	206	103	200	4.06	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	108 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	126 9	46.3-17	8						

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

Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 86 @ 3' (H224941-31)

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	10/24/2022	ND	2.04	102	2.00	8.01	
Toluene*	<0.050	0.050	10/24/2022	ND	2.21	110	2.00	8.21	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.04	102	2.00	7.94	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.15	102	6.00	8.86	
Total BTEX	<0.300	0.300	10/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/24/2022	ND	416	104	400	3.92	
TPH 8015M	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	204	102	200	6.73	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	206	103	200	4.06	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	110 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	129	46.3-17	8						

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Celeg D. Keine

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:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 86 @ 4' (H224941-32)

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	10/24/2022	ND	2.04	102	2.00	8.01	
Toluene*	<0.050	0.050	10/24/2022	ND	2.21	110	2.00	8.21	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.04	102	2.00	7.94	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.15	102	6.00	8.86	
Total BTEX	<0.300	0.300	10/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/24/2022	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	204	102	200	6.73	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	206	103	200	4.06	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	106 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	127 9	46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 87 @ 1' (H224941-33)

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	10/24/2022	ND	2.04	102	2.00	8.01	
Toluene*	<0.050	0.050	10/24/2022	ND	2.21	110	2.00	8.21	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.04	102	2.00	7.94	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.15	102	6.00	8.86	
Total BTEX	<0.300	0.300	10/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/24/2022	ND	416	104	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	204	102	200	6.73	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	206	103	200	4.06	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	110 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	130 \$	46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 87 @ 2' (H224941-34)

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	10/24/2022	ND	2.04	102	2.00	8.01	
Toluene*	<0.050	0.050	10/24/2022	ND	2.21	110	2.00	8.21	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.04	102	2.00	7.94	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.15	102	6.00	8.86	
Total BTEX	<0.300	0.300	10/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/24/2022	ND	416	104	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	204	102	200	6.73	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	206	103	200	4.06	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	109 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	128 9	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 87 @ 3' (H224941-35)

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	10/24/2022	ND	2.04	102	2.00	8.01	
Toluene*	<0.050	0.050	10/24/2022	ND	2.21	110	2.00	8.21	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.04	102	2.00	7.94	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.15	102	6.00	8.86	
Total BTEX	<0.300	0.300	10/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/24/2022	ND	416	104	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	204	102	200	6.73	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	206	103	200	4.06	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	111 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	131 9	46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 87 @ 4' (H224941-36)

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	10/24/2022	ND	2.04	102	2.00	8.01	
Toluene*	<0.050	0.050	10/24/2022	ND	2.21	110	2.00	8.21	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.04	102	2.00	7.94	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.15	102	6.00	8.86	
Total BTEX	<0.300	0.300	10/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/24/2022	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	204	102	200	6.73	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	206	103	200	4.06	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	107 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	124 9	46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 88 @ 1' (H224941-37)

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	10/24/2022	ND	2.04	102	2.00	8.01	
Toluene*	<0.050	0.050	10/24/2022	ND	2.21	110	2.00	8.21	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.04	102	2.00	7.94	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.15	102	6.00	8.86	
Total BTEX	<0.300	0.300	10/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/24/2022	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	204	102	200	6.73	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	206	103	200	4.06	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	115 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	134	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 88 @ 2' (H224941-38)

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	10/24/2022	ND	2.04	102	2.00	8.01	
Toluene*	<0.050	0.050	10/24/2022	ND	2.21	110	2.00	8.21	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.04	102	2.00	7.94	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.15	102	6.00	8.86	
Total BTEX	<0.300	0.300	10/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/24/2022	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	204	102	200	6.73	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	206	103	200	4.06	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	105 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	122 9	46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 88 @ 3' (H224941-39)

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	10/24/2022	ND	2.04	102	2.00	8.01	
Toluene*	<0.050	0.050	10/24/2022	ND	2.21	110	2.00	8.21	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.04	102	2.00	7.94	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.15	102	6.00	8.86	
Total BTEX	<0.300	0.300	10/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.0	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/24/2022	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	204	102	200	6.73	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	206	103	200	4.06	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	103 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	121 9	46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 88 @ 4' (H224941-40)

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	10/24/2022	ND	2.04	102	2.00	8.01	
Toluene*	<0.050	0.050	10/24/2022	ND	2.21	110	2.00	8.21	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.04	102	2.00	7.94	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.15	102	6.00	8.86	
Total BTEX	<0.300	0.300	10/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/24/2022	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	204	102	200	6.73	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	206	103	200	4.06	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	110 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	127 9	46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 89 @ 1' (H224941-41)

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	10/24/2022	ND	2.04	102	2.00	8.01	
Toluene*	<0.050	0.050	10/24/2022	ND	2.21	110	2.00	8.21	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.04	102	2.00	7.94	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.15	102	6.00	8.86	
Total BTEX	<0.300	0.300	10/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/24/2022	ND	416	104	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	204	102	200	6.73	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	206	103	200	4.06	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	109	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	126	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 89 @ 2' (H224941-42)

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	10/24/2022	ND	2.04	102	2.00	8.01	
Toluene*	<0.050	0.050	10/24/2022	ND	2.21	110	2.00	8.21	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.04	102	2.00	7.94	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.15	102	6.00	8.86	
Total BTEX	<0.300	0.300	10/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/24/2022	ND	416	104	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	204	102	200	6.73	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	206	103	200	4.06	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	112 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	130 9	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 89 @ 3' (H224941-43)

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	10/24/2022	ND	2.04	102	2.00	8.01	
Toluene*	<0.050	0.050	10/24/2022	ND	2.21	110	2.00	8.21	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.04	102	2.00	7.94	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.15	102	6.00	8.86	
Total BTEX	<0.300	0.300	10/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/24/2022	ND	416	104	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	218	109	200	2.30	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	209	105	200	0.336	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	76.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	86.0	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 89 @ 4' (H224941-44)

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	10/24/2022	ND	2.04	102	2.00	8.01	
Toluene*	<0.050	0.050	10/24/2022	ND	2.21	110	2.00	8.21	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.04	102	2.00	7.94	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.15	102	6.00	8.86	
Total BTEX	<0.300	0.300	10/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/24/2022	ND	416	104	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	218	109	200	2.30	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	209	105	200	0.336	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	83.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	94.3	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 90 @ 1' (H224941-45)

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	10/24/2022	ND	2.30	115	2.00	7.50	
Toluene*	<0.050	0.050	10/24/2022	ND	2.18	109	2.00	5.42	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	4.61	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.37	106	6.00	4.38	
Total BTEX	<0.300	0.300	10/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/24/2022	ND	416	104	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	218	109	200	2.30	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	209	105	200	0.336	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	86.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	98.9	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 90 @ 2' (H224941-46)

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	10/24/2022	ND	2.30	115	2.00	7.50	
Toluene*	<0.050	0.050	10/24/2022	ND	2.18	109	2.00	5.42	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	4.61	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.37	106	6.00	4.38	
Total BTEX	<0.300	0.300	10/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.0	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/24/2022	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	218	109	200	2.30	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	209	105	200	0.336	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	87.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	101	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 90 @ 3' (H224941-47)

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	10/24/2022	ND	2.30	115	2.00	7.50	
Toluene*	<0.050	0.050	10/24/2022	ND	2.18	109	2.00	5.42	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	4.61	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.37	106	6.00	4.38	
Total BTEX	<0.300	0.300	10/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/24/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	218	109	200	2.30	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	209	105	200	0.336	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	82.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	94.7	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 90 @ 4' (H224941-48)

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	10/24/2022	ND	2.30	115	2.00	7.50	
Toluene*	<0.050	0.050	10/24/2022	ND	2.18	109	2.00	5.42	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	4.61	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.37	106	6.00	4.38	
Total BTEX	<0.300	0.300	10/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/24/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	218	109	200	2.30	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	209	105	200	0.336	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	81.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	94.2	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 91 @ 1' (H224941-49)

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	10/24/2022	ND	2.30	115	2.00	7.50	
Toluene*	<0.050	0.050	10/24/2022	ND	2.18	109	2.00	5.42	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	4.61	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.37	106	6.00	4.38	
Total BTEX	<0.300	0.300	10/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/24/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	218	109	200	2.30	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	209	105	200	0.336	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	75.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	87.2	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 91 @ 2' (H224941-50)

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	10/24/2022	ND	2.30	115	2.00	7.50	
Toluene*	<0.050	0.050	10/24/2022	ND	2.18	109	2.00	5.42	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	4.61	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.37	106	6.00	4.38	
Total BTEX	<0.300	0.300	10/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/24/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	218	109	200	2.30	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	209	105	200	0.336	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	89.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	102 9	46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 91 @ 3' (H224941-51)

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	10/24/2022	ND	2.30	115	2.00	7.50	
Toluene*	<0.050	0.050	10/24/2022	ND	2.18	109	2.00	5.42	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	4.61	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.37	106	6.00	4.38	
Total BTEX	<0.300	0.300	10/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/24/2022	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	218	109	200	2.30	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	209	105	200	0.336	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	79.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	89.5	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 91 @ 4' (H224941-52)

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	10/24/2022	ND	2.30	115	2.00	7.50	
Toluene*	<0.050	0.050	10/24/2022	ND	2.18	109	2.00	5.42	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	4.61	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.37	106	6.00	4.38	
Total BTEX	<0.300	0.300	10/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/24/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	218	109	200	2.30	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	209	105	200	0.336	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	84.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	97.8	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 92 @ 1' (H224941-53)

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	10/24/2022	ND	2.30	115	2.00	7.50	
Toluene*	<0.050	0.050	10/24/2022	ND	2.18	109	2.00	5.42	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	4.61	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.37	106	6.00	4.38	
Total BTEX	<0.300	0.300	10/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/24/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	218	109	200	2.30	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	209	105	200	0.336	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	88.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	103	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 92 @ 2' (H224941-54)

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	10/24/2022	ND	2.30	115	2.00	7.50	
Toluene*	<0.050	0.050	10/24/2022	ND	2.18	109	2.00	5.42	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	4.61	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.37	106	6.00	4.38	
Total BTEX	<0.300	0.300	10/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/24/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	218	109	200	2.30	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	209	105	200	0.336	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	81.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	89.1	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 92 @ 3' (H224941-55)

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	10/24/2022	ND	2.30	115	2.00	7.50	
Toluene*	<0.050	0.050	10/24/2022	ND	2.18	109	2.00	5.42	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	4.61	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.37	106	6.00	4.38	
Total BTEX	<0.300	0.300	10/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/24/2022	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	218	109	200	2.30	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	209	105	200	0.336	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	83.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	96.8	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 92 @ 4' (H224941-56)

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	10/24/2022	ND	2.30	115	2.00	7.50	
Toluene*	<0.050	0.050	10/24/2022	ND	2.18	109	2.00	5.42	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	4.61	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.37	106	6.00	4.38	
Total BTEX	<0.300	0.300	10/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/24/2022	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	218	109	200	2.30	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	209	105	200	0.336	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	84.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	98.8	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 93 @ 1' (H224941-57)

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	10/24/2022	ND	2.30	115	2.00	7.50	
Toluene*	<0.050	0.050	10/24/2022	ND	2.18	109	2.00	5.42	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	4.61	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.37	106	6.00	4.38	
Total BTEX	<0.300	0.300	10/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/24/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	218	109	200	2.30	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	209	105	200	0.336	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	82.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	95.7	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 93 @ 2' (H224941-58)

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	10/25/2022	ND	2.30	115	2.00	7.50	
Toluene*	<0.050	0.050	10/25/2022	ND	2.18	109	2.00	5.42	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.14	107	2.00	4.61	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.37	106	6.00	4.38	
Total BTEX	<0.300	0.300	10/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/24/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	218	109	200	2.30	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	209	105	200	0.336	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	76.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	88.6	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 93 @ 3' (H224941-59)

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	10/25/2022	ND	2.30	115	2.00	7.50	
Toluene*	<0.050	0.050	10/25/2022	ND	2.18	109	2.00	5.42	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.14	107	2.00	4.61	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.37	106	6.00	4.38	
Total BTEX	<0.300	0.300	10/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/24/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	218	109	200	2.30	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	209	105	200	0.336	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	81.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	94.3	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 93 @ 4' (H224941-60)

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	10/25/2022	ND	2.30	115	2.00	7.50	
Toluene*	<0.050	0.050	10/25/2022	ND	2.18	109	2.00	5.42	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.14	107	2.00	4.61	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.37	106	6.00	4.38	
Total BTEX	<0.300	0.300	10/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/24/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	218	109	200	2.30	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	209	105	200	0.336	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	83.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	95.6	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 94 @ 1' (H224941-61)

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	10/25/2022	ND	2.30	115	2.00	7.50	
Toluene*	<0.050	0.050	10/25/2022	ND	2.18	109	2.00	5.42	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.14	107	2.00	4.61	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.37	106	6.00	4.38	
Total BTEX	<0.300	0.300	10/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/24/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	218	109	200	2.30	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	209	105	200	0.336	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	81.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	94.1	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 94 @ 2' (H224941-62)

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	10/25/2022	ND	2.30	115	2.00	7.50	
Toluene*	<0.050	0.050	10/25/2022	ND	2.18	109	2.00	5.42	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.14	107	2.00	4.61	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.37	106	6.00	4.38	
Total BTEX	<0.300	0.300	10/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/24/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	218	109	200	2.30	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	209	105	200	0.336	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	84.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	97.0	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 94 @ 3' (H224941-63)

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	10/25/2022	ND	2.30	115	2.00	7.50	
Toluene*	<0.050	0.050	10/25/2022	ND	2.18	109	2.00	5.42	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.14	107	2.00	4.61	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.37	106	6.00	4.38	
Total BTEX	<0.300	0.300	10/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/24/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	224	112	200	2.62	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	208	104	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	95.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	101	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 94 @ 4' (H224941-64)

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	10/25/2022	ND	2.30	115	2.00	7.50	
Toluene*	<0.050	0.050	10/25/2022	ND	2.18	109	2.00	5.42	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.14	107	2.00	4.61	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.37	106	6.00	4.38	
Total BTEX	<0.300	0.300	10/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/24/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	224	112	200	2.62	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	208	104	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	99.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	106 9	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 95 @ 1' (H224941-65)

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	10/25/2022	ND	2.17	108	2.00	0.269	
Toluene*	<0.050	0.050	10/25/2022	ND	2.07	104	2.00	1.44	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	102	2.00	2.17	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.10	102	6.00	1.88	
Total BTEX	<0.300	0.300	10/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/24/2022	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	224	112	200	2.62	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	208	104	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	97.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	103	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 95 @ 2' (H224941-66)

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	10/25/2022	ND	2.17	108	2.00	0.269	
Toluene*	<0.050	0.050	10/25/2022	ND	2.07	104	2.00	1.44	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	102	2.00	2.17	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.10	102	6.00	1.88	
Total BTEX	<0.300	0.300	10/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/24/2022	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	224	112	200	2.62	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	208	104	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	93.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	99.8	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 95 @ 3' (H224941-67)

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	10/25/2022	ND	2.17	108	2.00	0.269	
Toluene*	<0.050	0.050	10/25/2022	ND	2.07	104	2.00	1.44	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	102	2.00	2.17	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.10	102	6.00	1.88	
Total BTEX	<0.300	0.300	10/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/24/2022	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	10/24/2022	ND	224	112	200	2.62	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	208	104	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	94.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	101	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 95 @ 4' (H224941-68)

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	10/25/2022	ND	2.17	108	2.00	0.269	
Toluene*	<0.050	0.050	10/25/2022	ND	2.07	104	2.00	1.44	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	102	2.00	2.17	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.10	102	6.00	1.88	
Total BTEX	<0.300	0.300	10/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/24/2022	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	10/24/2022	ND	224	112	200	2.62	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	208	104	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	88.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	95.1	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 96 @ 1' (H224941-69)

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	10/25/2022	ND	2.17	108	2.00	0.269	
Toluene*	<0.050	0.050	10/25/2022	ND	2.07	104	2.00	1.44	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	102	2.00	2.17	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.10	102	6.00	1.88	
Total BTEX	<0.300	0.300	10/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.0	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/24/2022	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	10/24/2022	ND	224	112	200	2.62	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	208	104	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	88.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	92.6	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 96 @ 2' (H224941-70)

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	10/25/2022	ND	2.17	108	2.00	0.269	
Toluene*	<0.050	0.050	10/25/2022	ND	2.07	104	2.00	1.44	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	102	2.00	2.17	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.10	102	6.00	1.88	
Total BTEX	<0.300	0.300	10/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/24/2022	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	10/24/2022	ND	224	112	200	2.62	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	208	104	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	89.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	93.1	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 96 @ 3' (H224941-71)

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	10/25/2022	ND	2.17	108	2.00	0.269	
Toluene*	<0.050	0.050	10/25/2022	ND	2.07	104	2.00	1.44	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	102	2.00	2.17	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.10	102	6.00	1.88	
Total BTEX	<0.300	0.300	10/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/24/2022	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	10/24/2022	ND	224	112	200	2.62	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	208	104	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	90.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	<i>93.7</i>	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 96 @ 4' (H224941-72)

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	10/25/2022	ND	2.17	108	2.00	0.269	
Toluene*	<0.050	0.050	10/25/2022	ND	2.07	104	2.00	1.44	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	102	2.00	2.17	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.10	102	6.00	1.88	
Total BTEX	<0.300	0.300	10/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/24/2022	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	10/24/2022	ND	224	112	200	2.62	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	208	104	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	99.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	107 9	46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 97 @ 1' (H224941-73)

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	10/25/2022	ND	2.17	108	2.00	0.269	
Toluene*	<0.050	0.050	10/25/2022	ND	2.07	104	2.00	1.44	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	102	2.00	2.17	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.10	102	6.00	1.88	
Total BTEX	<0.300	0.300	10/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/24/2022	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	10/24/2022	ND	224	112	200	2.62	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	208	104	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	112 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	124	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 97 @ 2' (H224941-74)

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	10/25/2022	ND	2.17	108	2.00	0.269	
Toluene*	<0.050	0.050	10/25/2022	ND	2.07	104	2.00	1.44	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	102	2.00	2.17	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.10	102	6.00	1.88	
Total BTEX	<0.300	0.300	10/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/24/2022	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	10/24/2022	ND	224	112	200	2.62	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	208	104	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	114 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	125 9	46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 97 @ 3' (H224941-75)

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	10/25/2022	ND	2.17	108	2.00	0.269	
Toluene*	<0.050	0.050	10/25/2022	ND	2.07	104	2.00	1.44	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	102	2.00	2.17	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.10	102	6.00	1.88	
Total BTEX	<0.300	0.300	10/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/24/2022	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	10/24/2022	ND	224	112	200	2.62	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	208	104	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	102 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	112 9	46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 97 @ 4' (H224941-76)

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	10/25/2022	ND	2.17	108	2.00	0.269	
Toluene*	<0.050	0.050	10/25/2022	ND	2.07	104	2.00	1.44	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	102	2.00	2.17	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.10	102	6.00	1.88	
Total BTEX	<0.300	0.300	10/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/24/2022	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	10/24/2022	ND	224	112	200	2.62	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	208	104	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	105 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	116 9	46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 98 @ 1' (H224941-77)

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	10/25/2022	ND	2.17	108	2.00	0.269	
Toluene*	<0.050	0.050	10/25/2022	ND	2.07	104	2.00	1.44	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	102	2.00	2.17	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.10	102	6.00	1.88	
Total BTEX	<0.300	0.300	10/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.1	% 69.9-14)						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/24/2022	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	10/24/2022	ND	224	112	200	2.62	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	208	104	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	111 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	125	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 98 @ 2' (H224941-78)

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	10/25/2022	ND	2.17	108	2.00	0.269	
Toluene*	<0.050	0.050	10/25/2022	ND	2.07	104	2.00	1.44	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	102	2.00	2.17	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.10	102	6.00	1.88	
Total BTEX	<0.300	0.300	10/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/24/2022	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	10/24/2022	ND	224	112	200	2.62	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	208	104	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	105	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	120	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 98 @ 3' (H224941-79)

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	10/25/2022	ND	2.17	108	2.00	0.269	
Toluene*	<0.050	0.050	10/25/2022	ND	2.07	104	2.00	1.44	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	102	2.00	2.17	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.10	102	6.00	1.88	
Total BTEX	<0.300	0.300	10/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.0	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/24/2022	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	10/24/2022	ND	224	112	200	2.62	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	208	104	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	115 %	6 45.3-16	1						
Surrogate: 1-Chlorooctadecane	129 9	46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 98 @ 4' (H224941-80)

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	10/25/2022	ND	2.17	108	2.00	0.269	
Toluene*	<0.050	0.050	10/25/2022	ND	2.07	104	2.00	1.44	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	102	2.00	2.17	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.10	102	6.00	1.88	
Total BTEX	<0.300	0.300	10/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/24/2022	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	10/24/2022	ND	224	112	200	2.62	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	208	104	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	110 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	123 9	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 99 @ 1' (H224941-81)

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	10/25/2022	ND	2.17	108	2.00	0.269	
Toluene*	<0.050	0.050	10/25/2022	ND	2.07	104	2.00	1.44	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	102	2.00	2.17	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.10	102	6.00	1.88	
Total BTEX	<0.300	0.300	10/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/24/2022	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	10/24/2022	ND	224	112	200	2.62	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	208	104	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	103	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	121	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 99 @ 2' (H224941-82)

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	10/26/2022	ND	2.06	103	2.00	0.919	
Toluene*	<0.050	0.050	10/26/2022	ND	2.20	110	2.00	0.488	
Ethylbenzene*	<0.050	0.050	10/26/2022	ND	2.06	103	2.00	1.67	
Total Xylenes*	<0.150	0.150	10/26/2022	ND	6.20	103	6.00	1.73	
Total BTEX	<0.300	0.300	10/26/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/24/2022	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	10/24/2022	ND	224	112	200	2.62	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	208	104	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					
Surrogate: 1-Chlorooctane	91.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	103	% 46.3-17	8						

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Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 99 @ 3' (H224941-83)

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	10/26/2022	ND	2.06	103	2.00	0.919	
Toluene*	<0.050	0.050	10/26/2022	ND	2.20	110	2.00	0.488	
Ethylbenzene*	<0.050	0.050	10/26/2022	ND	2.06	103	2.00	1.67	
Total Xylenes*	<0.150	0.150	10/26/2022	ND	6.20	103	6.00	1.73	
Total BTEX	<0.300	0.300	10/26/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/24/2022	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	10/25/2022	ND	222	111	200	3.00	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	231	116	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					
Surrogate: 1-Chlorooctane	110 9	45.3-16	1						
Surrogate: 1-Chlorooctadecane	135 9	46.3-17	8						

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*=Accredited Analyte

Celeg D. Keine

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:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 99 @ 4' (H224941-84)

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	10/26/2022	ND	2.06	103	2.00	0.919	
Toluene*	<0.050	0.050	10/26/2022	ND	2.20	110	2.00	0.488	
Ethylbenzene*	<0.050	0.050	10/26/2022	ND	2.06	103	2.00	1.67	
Total Xylenes*	<0.150	0.150	10/26/2022	ND	6.20	103	6.00	1.73	
Total BTEX	<0.300	0.300	10/26/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/24/2022	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	10/25/2022	ND	222	111	200	3.00	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	231	116	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					
Surrogate: 1-Chlorooctane	115 %	45.3-16	1						
Surrogate: 1-Chlorooctadecane	144 %	46.3-17	8						

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Celeg D. Keine

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:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 100 @ 1' (H224941-85)

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	10/25/2022	ND	2.02	101	2.00	2.25	
Toluene*	<0.050	0.050	10/25/2022	ND	2.20	110	2.00	0.147	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	101	2.00	0.288	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.09	101	6.00	0.509	
Total BTEX	<0.300	0.300	10/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/24/2022	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	10/25/2022	ND	222	111	200	3.00	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	231	116	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					
Surrogate: 1-Chlorooctane	114 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	143	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 100 @ 2' (H224941-86)

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	10/25/2022	ND	2.02	101	2.00	2.25	
Toluene*	<0.050	0.050	10/25/2022	ND	2.20	110	2.00	0.147	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	101	2.00	0.288	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.09	101	6.00	0.509	
Total BTEX	<0.300	0.300	10/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/24/2022	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	10/25/2022	ND	222	111	200	3.00	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	231	116	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					
Surrogate: 1-Chlorooctane	110 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	137	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 100 @ 3' (H224941-87)

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	10/25/2022	ND	2.02	101	2.00	2.25	
Toluene*	<0.050	0.050	10/25/2022	ND	2.20	110	2.00	0.147	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	101	2.00	0.288	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.09	101	6.00	0.509	
Total BTEX	<0.300	0.300	10/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/24/2022	ND	400	100	400	7.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2022	ND	222	111	200	3.00	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	231	116	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					
Surrogate: 1-Chlorooctane	109	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	136	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 100 @ 4' (H224941-88)

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	10/25/2022	ND	2.02	101	2.00	2.25	
Toluene*	<0.050	0.050	10/25/2022	ND	2.20	110	2.00	0.147	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	101	2.00	0.288	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.09	101	6.00	0.509	
Total BTEX	<0.300	0.300	10/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/24/2022	ND	400	100	400	7.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2022	ND	222	111	200	3.00	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	231	116	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					
Surrogate: 1-Chlorooctane	102	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	127	% 46.3-17	8						

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Celez D. Keine

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:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 101 @ 1' (H224941-89)

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	10/25/2022	ND	2.02	101	2.00	2.25	
Toluene*	<0.050	0.050	10/25/2022	ND	2.20	110	2.00	0.147	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	101	2.00	0.288	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.09	101	6.00	0.509	
Total BTEX	<0.300	0.300	10/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/24/2022	ND	400	100	400	7.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2022	ND	222	111	200	3.00	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	231	116	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					
Surrogate: 1-Chlorooctane	105	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	129	% 46.3-17	8						

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Celeg D. Keine

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:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 101 @ 2' (H224941-90)

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	10/25/2022	ND	2.02	101	2.00	2.25	
Toluene*	<0.050	0.050	10/25/2022	ND	2.20	110	2.00	0.147	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	101	2.00	0.288	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.09	101	6.00	0.509	
Total BTEX	<0.300	0.300	10/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/24/2022	ND	400	100	400	7.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2022	ND	222	111	200	3.00	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	231	116	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					
Surrogate: 1-Chlorooctane	106	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	131	% 46.3-17	8						

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Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

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

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

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

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

-	(505) 393-2326 FAX (505) 393-2476	6										
Company Name:	BBC International, Inc.			BIL	LL TO				ANALYSIS		REQUEST	
Project Manager	Project Manager: Cliff Brunson			P.O. #:			-					_
Address: P.O.	P.O. Box 805			Company:	Oxy		_		_	_		_
city: Hobbs	State: NM	Zip:	88241	Attn:					_	_		_
Phone #: 575-397-6388	Fax #:	575-397-0397	1397	Address:					_		_	_
Project #:	Project Owner: Oxy	r: Oxy		City:	ľ		_				_	_
Project Name: S	Project Name: SDS 11 FEDERAL #1 (8/17/16,1/16/17,3/31/17)	16/17,3	3/31/17)	State:	Zip:					_		
Project Location:	: New Mexico			Phone #:			-		_	_		
Sampler Name:	SIMON			Fax #:	1		e	-				
FOR LAB USE ONLY		MP.	MATRIX	PRESERV.	SAMPLING	6	rd C	XT				
Lab I.D. }7224941	Sample I.D.	(G)RAB OR (C)OM	GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER : ACID/BASE: ICE / COOL OTHER :		TIME	BTEX	TPHE				
1	BOTTOM SAMPLE 79 @ 1'	6	7	7	10/18/22	8:20AM	5	2				
4	BOTTOM SAMPLE 79 @ 2'	-			10/18/22	8:27AM	7	2	-			
N	BOTTOM SAMPLE 79 @ 3'				10/18/22	8:36AM	500	2				
4	BOTTOM SAMPLE 79 @ 4'				10/18/22	8:44AM	7	7		T		
5	BOTTOM SAMPLE 80 @ 1'	-			10/18/22	8:51AM	2	5				
6					10/18/22	9:00AM	7	1	-			
7	BOTTOM SAMPLE 80 @ 3'				10/18/22	9:08AM	VV	V	_			
00	BOTTOM SAMPLE 80 @ 4'				10/18/22	9:17AM	17	1				
9	BOTTOM SAMPLE 81 @ 1'				10/18/22	9:26AM	5	7				_
jo l	BOTTOM SAMPLE 81 @ 2'	E			18/22	9:36AM	VL	1 V	F	E		-
PLEASE NOTE: Liability an analyses All claims includin service in no event shall C	PLEASE WOTTE: Liability and Damages. Cardinars is liability and clients exclusive remove two for insulyees. All claims including those for negligance and any offner cuase whatlanever that be service. In no event shall Cardinal be liable for incidental or consequential damages, includin service.	e deemed without lin	uego for any count attesting wateries tassed in contract, or with a water can introve with wateries and a deter shall be deemed wateries made in writing at the received by Cardinal within 3 days after completion of the applicable including without initiation, business interruptions, loss of use, or loss of profile incurred by clerk. Its subsolations,	and received by Cardinal as, loss of use, or loss of	sinal within 30 days after completion of the a space profits incurred by client, its subsidiaries when above estated reasons or otherwise.	completion of the ent, its subsidiarie	applicable s,					
Relinquished By:	Time: 8-0		Received By	Hen	iac	Phone Result: Fax Result: REMARKS:	00	Yes I No	Add'l Phone Add'l Fax #:	th: (井:		
Relinquished By:	Aalfound Time: 420	Rece	Received By	A Lille	X	10						
Delivered By	Delivered By: (Circle One)	#	3 Sample Condition	1	(Initials)							
Sampler - UPS -	- Bus - Other: _ 7.3 c/-7	1,92	No es	28.0	.0							
† Cardinal	Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476	se fax v	vritten changes t	0 505-393-247	6							

ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

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

Page 384 of 392

Page 94 of 101

ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

	(DUD) JJJ-2326 FAX (DUD) JJJ-24/6	76				
Company Name:	BBC International, Inc.		BILL TO		ANALYSIS REQUEST	
Project Manager:	er: Cliff Brunson		P.O. #:			_
Address: P.O.). Box 805		Company: Oxy			
city: Hobbs	State: NM	zip: 88241				
Phone #: 575-	575-397-6388 Fax #: 57	575-397-0397	Address:			
Project #:	Project Owner: Oxy	r: Oxy	City:			
Project Name:	Project Name: SDS 11 FEDERAL #1 (8/17/16,1/16/17,3/31/17)	16/17,3/31/17)	State: Zip:			
Project Location:	on: New Mexico		#			
Sampler Name:	SIMON		Fax #			
	1		1010	2	<u>X</u>	
FOR DRD USE ONLY		ERS ATER	PRESERV. SAMPLING	aria X		
14447441	Campio I.C.	(G)RAB O # CONTAI GROUND WASTEW SOIL OIL SLUDGE	OTHER : ACID/BAS ICE / COO OTHER : DATE	BT		
2	BOTTOM SAMPLE 84 @ 1'	-		11:03AM - V		-
ee	BOTTOM SAMPLE 84 @ 2'	-	10/18/22	11:10AM		
20	BOTTOM SAMPLE 84 @ 3'		10/18/22	11:18AM V V	~	
He	BOTTOM SAMPLE 84 @ 4'		10/18/22	11:26AM V V	7,	
S	BOTTOM SAMPLE 85 @ 1		10/18/22	11:32AM V V	V	
<i>AC</i>	0		10/18/22	11:39AM V V	7	
an	BOTTOM SAMPLE 85 @ 3"		10/18/22	11:46AM VV		
e e	BOTTOM SAMPLE 85 @ 4		10/18/22	2 11:52AM VVV		
non L'a	0		10/18/22		7	
PLEASE NOTE: Liability a analyses All claims includ service. In no event shall (PLEASE NOTE: Labelity and Damages. Cardnal's labelity and dient's sociative ennedy for any claim arising whether tabled in contract or tot, shall be limited to the amount pad by the client for the analysis. All claims including those for negligence and any other curse whatapeer shall be deemed waved unless made in whiting and reserve to D claims) within 30 days after completion the applicable service. In no event shall Claimnal Claimnal or consequential damages including within a limited to the amount pad by the client for the analysis. All claims including those for negligence and any other curse whatapeer shall be deemed waved unless made in whiting and reserve by Claimnal within 30 days after the applicable service. In no event shall Claimnal Claimnal or consequential damages including within a limitation trainees intermetione less of use or loss or loss of roote its numericable.	eey for any claim ansing whether balled in contract or tort, shall be in shall be deemed valved unless made in whiting and receive by Card including without initiation trainvess intermitions. Less of use or less	d in contract or tort, shall be limited to the amount p in writing and received by Cardinal within 30 days at aternations local of use or to sea of profile incorrect to aternations.	I write amount pad by the client for the real within 30 days after completion of the applicable of nother incrurate price the substances of souther incrurate and the substances of souther incrurate the souther incrurate the souther incrute the souther incrurate the souther incrurate the souther incrute the souther incrurate the souther incrute the sou		-
Relinquished By:	out or or realized to the performance of	Received By:	nis based upon any of the above stated	Phone Result: Yes	□ No Add'I Phone #: □ No Add'I Fax #:	
Relinquished By:	X	Received But	Tena			
Chausinhuman	Walt ENa time 170	Received By:	a faller 1.			
Delivered By	Delivered By: (Circle One)	#113 Sample Condition	tion CHECKED BY:			
Sampler - UPS	Sampler - UPS - Bus - Other: 7 3. /	9				

Sampler - UPS - Bus - Other:

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Page 95 of 101

RDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Relinquished By: Relinquished By ervice. In no event shall nayses All claims inclu Sampler Name: Project Location: New Mexico Project Name: SDS 11 FEDERAL #1 (8/17/16,1/16/17,3/31/17) Project #: Phone #: 575-397-6388 city: Hobbs Project Manager: Cliff Brunson Address: P.O. Box 805 Company Name: BBC International, Inc. 46472 Lab I.D. FOR LAB USE DNLY NOT S 30 3 WW 49 3 a BOTTOM SAMPLE 88 @ BOTTOM SAMPLE 88 @ BOTTOM SAMPLE 87 @ 3' BOTTOM SAMPLE 87 @ 2 **BOTTOM SAMPLE 87** BOTTOM SAMPLE 88 @ BOTTOM SAMPLE 88 @ BOTTOM SAMPLE 87 @ 4' **BOTTOM SAMPLE 86** BOTTOM SAMPLE SIMON Sample I.D. Date: 10-20-22 Time: OOM 86 Fax #: Project Owner: Oxy State: 0 0 0 4 N ÷ ω 4 ω NM Strait De 575-397-0397 (G)RAB OR (C)OMP Zip: Received By # CONTAINERS 88241 GROUNDWATER mess WASTEWATER made in SOIL MATRIX OIL SLUDGE OTHER State: City: P.O. #: Fax #: Phone #: Attn: Company: Address: ACID/BASE PRESERV 2010 ICE / COOL OTHER BILL TO 10/18/22 Oxy 10/18/22 Zip: 10/18/22 10/18/22 10/18/22 10/18/22 10/18/22 10/18/22 10/18/22 10/18/22 DATE 30 days after SAMPLING by client, its sub Fax Result: REMARKS: 1:30PM 1:15PM 1:07PM 1:22PM 12:49PM 12:40PM 12:31PM 12:23PM Phone Result oy une 12:56PM 12:15PM TIME ion of the do Yes No Add'l Phone #: Add'l Fax #: ANALYSIS REQUEST

Received by OCD: 11/18/2022 5:39:50 PM

Sampler - UPS - Bus - Other: Delivered By: (Circle One) Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476 Re 100 U. Time: 1420 Date: 0-20-22 90 514 Received By: Cool Sample Condition A Yes A Yes Mall CHECKED BY: 0 (Initials)

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

	(505) 393-2326 FAX (505) 393-2476	6					
Company Name:			BILL TO	0		ANALYSIS REQUEST	IST
Project Manager:			P.O. #:	_			
Address: P.O.	. Box 805		Company: Oxy				
city: Hobbs	State: NM	Zip: 88241					
Phone #: 575-	575-397-6388 Fax #: 575	575-397-0397	Address:				
Project #:	Project Owner: Oxy	r: Oxy	City:				
Project Name:	Project Name: SDS 11 FEDERAL #1 (8/17/16,1/16/17,3/31/17)	16/17,3/31/17)	State: Zip:				
Project Location:	n: New Mexico		#			_	
Sampler Name:	SIMON		Esv #	7.	-		
oampier Maille.	NOMICIA		Fax #:	1		_	
FOR LAB USE ONLY			PRESERV. SAM	SAMPLING	XI		
Lab I.D. #72.4944	Sample I.D.	(G)RAB OR (C)OM # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER : DATE	TIME	BIEX		
11	BOTTOM SAMPLE 89 @ 1'	2	7	-	~~~		
42	BOTTOM SAMPLE 89 @ 2'		10/18/22	2 1:45PM	V		
54	BOTTOM SAMPLE 89 @ 3'		10/18/22	2 1:54PM	2.2		
44	BOTTOM SAMPLE 89 @ 4'		10/18/22	2 2:06PM	11/1		
Sh	BOTTOM SAMPLE 90 @ 1'		10/18/22		VV		
46	BOTTOM SAMPLE 90 @ 2"		10/18/22	2 2:21PM	VV		
47	BOTTOM SAMPLE 90 @ 3'		10/18/22	2 2:30PM V	VV		
87	BOTTOM SAMPLE 90 @ 4'		10/18/22	2 2:39PM	VV		
54	BOTTOM SAMPLE 91 @ 1'		10/18/22	2 2:48PM	VVV		
SO SO	Ĕ		10/18/22	2;57PM	1 VV		
analyses All claims includin service in no event shall Ca affiliates or successors arisin	analyses. All careful you curriages, caronaus raising and orient sectionve remedy for any Care areasing whether based in contract or bot, shall be limited to the amount paid by the client for the analyses. All careful hose for negligence and any other caraes whatoever shall be deemed waved unless made in writing and received by Cardinal writin 10 days after completion of the applicable service. In no event shall Cardhal be transcentral or consequential damages, including whore limitation, business interruptions, loss of use, or loss opports including by client, its subsidiantes, atfliates or succession arising out of or related to the performance of services hereunder by Cardinal including whom a busines interruptions, loss of use, or loss opports in curred by client, its subsidiantes, atfliates or succession arising out of or related to the performance of services hereunder by Cardinal including whom a busines interruptions, loss of use, or loss opports in curred by client, its subsidiantes, atfliates or succession arising out of or related to the performance of services hereunder by Cardinal including whom a busines interruptione.	any Gaim ansing whether based in contract or tort, shall be im deemed waived unless made in writing and necenved by Cardi g wilbout limitation, business interruptions, loss of use, or loss g autional innotations of whether such chains in beand users and Cardinal innotations of whether such chains in beand users and	If and clerifs exclusive remedy to any Cann arising whether based in contract or ton, shall be limited to the amount pad by the clerif for the my other cause whatsoever shall be deemed waved unless made in writing and received. Or Cantoniu within 30 days after completion of the a or consequential damages, including without immonion, business made in writing and received to Cantoniu within 30 days after completion of the a for consequential damages, including without immonion, business thereinplored, boso of use or loss of provide in course by client, its subbadance formance of derivoes hereunder by Catrinoi repartiese of subahar since clience is benefit on the sub-	unt paid by the client for the ys after completion of the applic ed by client, its subsidiaries,	cable		
Kelinquished By	Time: Belly the	Received By:	attena	Phone Result: Fax Result: REMARKS:	□ Yes □ No □ Yes □ No	Add'l Phone #: Add'l Fax #:	
Relinquished By:	(Circle One)	ed By Sam	Hon CHECKED BY:				
Sampler - UPS - Bus - Other:	-1.32/-	7.9° Cool Intact	0				
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ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240 (505) 393-2326 FAX (505) 393-2476

	(505) 393-2326 FAX (505) 393-2476	(505) 393-247	6						
Company Name:	e: BBC International, Inc	al, Inc.		BILL TO			ANALYSIS F	REQUEST	
Project Manager:				P.O. #:	_	-			_
Address: P.O. Box 805). Box 805			Company: Oxy					
city: Hobbs		State: NM	Zip: 88241						
Phone #: 575-397-6388	-397-6388	Fax #: 575	575-397-0397	Address:		_	_		
Project #:		Project Owner: Oxy	: Oxy	City:		_	_		
Project Name:	SDS 11 FEDERAL #1 (8/17/16,1/16/17,3/31/17)	1 (8/17/16,1/-	6/17,3/31/17)	State: Zip:		_			
Project Location:	n: New Mexico			#					
Complex Name						-			
Sampler Name:	NOMIS			Fax #:	1	T			
FOR LAB USE ONLY			MATRIX	PRESERV. SAMPLING	LING	x]			
Lab I.D.	Sample I.D.	D.	RAB OR (C)OMP ONTAINERS OUNDWATER STEWATER L	HER : D/BASE: / COOL HER :	Man	TEX			
HADTH	BOTTOM SAMDIE	01 0 2	# C GR WA SOIL	ACI ICE OTH		E			
20	BOTTOM SAMPLE 91 @	91 @ 3	5	10/18/22	2 3:07PM	r F			
2	BOTTOM SAMPLE 92	0		10/18/22	10/18/22 3:24PM	77			
45	BOTTOM SAMPLE 92	0		10/18/22	3:35PM	1			
SS	BOTTOM SAMPLE 92 @	92 @ 3'		10/18/22		77			
25	BOTTOM SAMPLE 92 @	92 @ 4'		10/18/22	2 3;55PM	2			
S	BOTTOM SAMPLE 93 @	93 @ 1'		10/18/22	4:03PM L	7			
SS	BOTTOM SAMPLE 93 @	93 @ 2'		10/18/22	2 4:10PM	2	-		
SS	BOTTOM SAMPLE 93 @	93 @ 3'		10/18/22	4:16PM	7			
60	BOTTOM SAMPLE 93 @ 4	93 @ 4'		10/18/22	4:22PM	5			
analyses. All claims including those service. In no event shall Cardinal affiliates or successors arising out o	ing Damages. Cardina's liability and client ing those for negligence and any other cal Cardinal be liable for incidental or consequ- ing out of or reliated to the performance of	Ts exclusive remedy for an use whatsoever shall be d ental damages, including services hereunder by Ca	T-LEASE WOLE: Listonity and Damages. Cardnards lisability and client's exclusive innereby for any claim alway whether based in contract or tort shall be limited to the amount paid by the client for the analyses. All calins including those for negleprice and any other cause whatsoever shall be deemed wavely unless made in writing and necelved by Cardnal within 30 days after competion of the applicable service. In no event shall Cardnal be liable for incoleration consequential diamages, including without limitation, business interruptions, loss of use, of logical politis incurred by client, its subsidiaries, affinisties or succession arising out of or related to the performance of services hereunder by Cardnal, regardless of whether such claims is based upporting the above based traspos or otherwas affinisties or succession arising out of or related to the performance of services hereunder by Cardnal, regardless of whether such claims is based upporting the above based traspos or otherwas.	Along whether based in contract or tort, shall be limited to the amount paid by the client for the marked universi made in writing and received by Cardinal writin 30 days after completion of the a limitation, business interruptions, loss of use, or logood profits incomed by client, it is subuidantes regardless of whether such claim is based upcortainly of the above stated reasons or otherway regardless of whether such claim is based upcortainly of the above stated reasons or otherway.	ited to the amount paid by the client for the all within 30 days after completion of the applic of profits incurred by client, its subsidiaries, the above stated reasons or otherwise.	able			
	þ" þ	Time: Bill A.W.	Received By	Henn	Phone Result: Fax Result: REMARKS:	□ Yes □ No	Add'l Phone #: Add'l Fax #:		
Relinquished By:	Alena	Date: 10-20-27 Time:42D	Received By:	of July	61				
Delivered By: (Circle One)		#	#113 Sample Condition	ON CHECKED BY:					

Sampler - UPS - Bus - Other:

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

BBC International, Inc.		BILL TO		
Project Manager: Cliff Brunson				ANALYSIS REQUEST
Address: P.O. Box 805				
city: Hobbs State: NM	A zin: 88241	Atta:		
Phone #: 575-397-6388 Fax #: 5	5-397-0	Address:		
Project #: Project Owner: Oxy		Cito:		
Project Name: SDS 11 FEDERAL #1 (8/17/16,1/16/17,3/31/17)				
Project Location: New Mexico		orate: Zib:		
2		Phone #:		
Sampler Name: SIMON		Fax #:	, ,	
FOR LABUSE ONLY	MATRIX	PRESERV. SAMPLING	de	
Lab I.D. Sample I.D.	(G)RAB OR (C)OM # CONTAINERS GROUNDWATER NASTEWATER SOIL DIL SLUDGE	ACID/BASE: CE / COOL DTHER :	Chloriu BTEY TVHEX	
-		A 10 0 0010	B:30AM	
			8:39AM / / /	
10		10/19/22 8:4	8:46AM , , ,	
BOTTOM SAMPLE 94@4		10/19/22 8:5	8:55AM / / /	
BOTTOM SAMPLE 95@1		10/19/22 9:0	9:05AM	
24		10/19/22 9:12AM	•	
BOTTOM SAMPLE 95(0)3		10/19/22 9:20AM	•	
-		10/19/22 9:2	9:28AM / / /	
		10/19/22 9:3	9:37AM / / /	
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy to	92"	10/19/22 9:4:	<	
those for negligence and any other cause whats smal be liable for incidental or consequental dam out of or related to the performance of services	e deemed waived unless made in writing and re- ing without limitation, business interruptions, loss Cardinal, regardless of whether such claim is b	vor, snall centrinited to the amount paid by th ceived by Candinal within 30 days after comp s of use, or loss of profits incurred by client, a ased upon AnWort the above strated reasons	re client for the pletion of the applicable is subsidiaries.	
Sand Inne Juli	Received By:		Phone Result: Fax Result: Yes No REMARKS:	Add'l Phone #: Add'l Fax #:
Relinquished By:	Received By:	Mall of		
Sampler - UPS - Bus - Other: - 7.3e/-7	1.9 c Pres Pres	Initials		

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

	UN	X (505) 393-24	76													
Company Name:	BBC International, Inc	ial, Inc.							0	BILL TO					ANALYSIS REQUEST	
Project Manager:	r: Cliff Brunson					-	P.O. #:	#						-		1
Address: P.O. Box 805	Box 805					_	ŝ	Company:	2	Oxv						
city: Hobbs		State: NM	Zip:		88241	-	Attn:	•	1							
Phone #: 575-397-6388	397-6388	Fax #: 575-397-0397	-39	7-0)397	-	Add	Address:				_				
Project #:		Project Owner: Oxy	0	Š		_	Citv:						_			
Project Name:	Project Name: SDS 11 FEDERAL #1 (8/17/16,1/16/17,3/31/17)	#1 (8/17/16,1/	16/1	7.3	3/31/17)		State.	ş .		7in.						
Project Location:	1: New Mexico					-	Show and		7	cip.		_	_			
0						-	no	Phone #:	1			e	_	_		
sampler Name:	NOMIC		1	1		-	Fax #:	*			_	4	_	1		
FOR LAB USE DALY					MATRIX		Ψ	RES	PRESERV.	SAMPLING	NG	0	_	17		
		,	(C)OMP	ERS								m	EX	$\langle E \rangle$		
Lab I.D. H224941	Sample I.D.	.D	G)RAB OR	CONTAINE	BROUNDWA VASTEWAT SOIL	THER :	CID/BASE:	E/COOL	THER	DATE		Child	BTZ	TPH		
11	BOTTOM SAMPLE 96@3	E 96@3'	62	-	5	-	-		- V		9:54AM	<	\leq			
	BUITOM SAMPLE 96@4	E 96@4'	-	-		-	-	_		10/19/22 10;05AM	10;05AM	<	<	<		
75	BOITOM SAMPLE 97@1	E 97@1'	-	-		-	-	-		10/19/22	10:14AM	\$	<	•		
74	BOTTOM SAMPLE 97@2	97@2		-			-	-		10/19/22	10:22AM	٩	٢	•		
5	BUITOM SAMPLE 97@3	= 97@3'					-	-		10/19/22	10:30AM	\$	٢	•		
16	BUITOM SAMPLE 97@4	= 97@4"		-		-	-	-		10/19/22	10:39AM	•	٩	•		
71	BUITOM SAMPLE 98@1	98@1'		-		-	-	-		10/19/22 10:48AM	10:48AM	< '	<	< '		
24	BUITOM SAMPLE 98@2	98@2'		-				-		10/19/22 11:00AM	11:00AM	<	<	< '		
23	BOTTOM SAMPLE 98@3	98@3		-		-	-	-		10/19/22	11:10AM	<	<	<		
PLEASE NOTE: Liability and Dan	Damages Cardinal's liability and client's exclusive re	nf's exclusive remedy for an		-	to whether based in mot	-				10/19/22	11:17AM	<	<	۲		
analyses All claims including service. In no event shall Can affiliates or successors ansing	e for negligence and be liable for incidenta of or related to the pe	ause whatsoever shall be do uuental damages, including v of services hereunder by Ca	eemed without indinal, r	waives limitati	composition of the amount of constance of roles and be initiated in the amount pact by the client for the elevent by Cardinal within 30 days after completion of the argo without initiation, bisiness interruptions, loss of use or loss of polis incurred by client, its subsidiaries Cardinal, repartiess of whether such claim is based used and a bove stated reasons or discussion.	and rec s, loss fit is ba	erved i of use sed up	or los	dinal w a of pr	nited to the amount paid Inal within 30 days after I of profils incurred by cli of the above stated reas	by the client for the a completion of the a ant. Its subsidiaries	pplicable				
	1	Date: 10-20-2	2 AB	eiv	Received By:			U			Phone Result: Fax Result:		□ Yes	No No	Add'l Phone #: Add'l Fax #:	
Polinquichod Bo	1 - A	Ime:B:OUM		(Jarach	J	11	C.	0	5	REMARKS:			-	TTENED I UNA IV.	
Keiinquisned by:	as flowed	Time:	Rec	eiv	ed By:	1	11	6	1	1						
Delivered By: (Circle One)	6 6	mpril 1	12	Bu	Sample Condition	tion	S	SH A	ECK.	CHECKED BY:						_
		4	+115	U	Cool Intact	1										_

Sampler - UPS - Bus - Other:

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ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Relinquished By Sampler - UPS - Bus - Other: Relinquished By: Delivered By: (Circle One) ervice. In no. inalyses All claims incl LEASE NOTE: Sampler Name: Project Name: SDS 11 FEDERAL #1 (8/17/16,1/16/17,3/31/17) Project Location: New Mexico city: Hobbs Phone #: 575-397-6388 Project #: Address: P.O. Box 805 Project Manager: Cliff Brunson 22494 Lab I.D OR LABUSE ONLY -+ Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476 00000 89 90 58 48 500 0 BOTTOM SAMPLE 101@1 BOTTOM SAMPLE 100@4" BOTTOM SAMPLE 100@3' BOTTOM SAMPLE 101@2 BOTTOM SAMPLE 100@2 BOTTOM SAMPLE 99@4" BOTTOM SAMPLE 100@1 2 BOTTOM SAMPLE 99@3' BOTTOM SAMPLE 99@2 BOTTOM SAMPLE 99@1 SIMON BBC International, Inc. Sample I.D NIN Time:420 Date: 10-20-22 time: Ballo toto Date: Fax #: Project Owner: Oxy 10-20-2 State: M 575-397-0397 0 Received By Received By: GIRAB OR (C)OMP Zip: 88241 9 # CONTAINERS GROUNDWATER Cool Intact ample Conditio WASTEWATER SOIL MATRIX OIL SLUDGE loss of use OTHER State: City: Fax # Phone #: Attn: P.O. #: Company: Address ACID/BASE PRESERV CHECKED B N 100 ICE / COOL (Initials) OTHER BILL TO 10/19/22 12:27PM 10/19/22 Oxy 10/19/22 10/19/22 10/19/22 10/19/22 10/19/22 10/19/22 10/19/22 11:35AM Zip 10/19/22 11:25AM DATE SAMPLING Fax Result: REMARKS: 12:46PM lient, its 12:19PM 12:10PM 12:02PM 11:52AM 11:44AM 12:36PM Phone Result: TIME on of the ap 5 5 5 ude 5 5 5 5 Yes 5 5 5 5 5 5 5 ٩, 5 5 < No Add'l Phone #: Add'l Fax #: ANALYSIS REQUEST

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

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3470 Fax: (505) 476-3462

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	160198
	Action Type:
	[C-141] Release Corrective Action (C-141)
	-

CONDITIONS

Created By		Condition Date
amaxwell	None	2/9/2023

Page 392 of 392

Action 160198