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DELINEATION WORKPLAN

OXY – HARROUN 15 3 SWD CTB (Leak Date: 8/2/18)

RP # 2RP-4903

This delineation workplan and remediation proposal addresses the releases associated with RP # 2RP-4903.

The following information includes:

- 1. Appropriate completed and signed C-141 pages.
- 2. Scaled digital site map with spill area demarcated and leak point identified along with sample point locations and areas of remediation at appropriate depths.
- 3. GPS information for sample points and sample methodology.
- 4. Depth to groundwater information (i.e., pdf of OSE search results, USGS search results, and/or copy of Chevron groundwater trend map).
- 5. Watercourse/features map within 1000 feet.
- 6. BLM Cave Karst map.
- 7. FEMA National Flood map.
- 8. Laboratory analysis results summary table and original laboratory analysis reports.
- 9. Potentially other pertinent information as necessary for site specific purposes.

Based on the information included in this package and the NMOCD rules, the following remediation is proposed:

OXY will excavate the spill area as depicted on the following site diagram. The leak area near SP1, SP2, SP5, and SP9 (GREEN shade on diagram) will be excavated to a depth of 2 feet. The leak area near SP3, SP4, SP7, SP8, and SP10 (BLUE shade on diagram) will be excavated to a depth of 1 foot. The leak area near SP6 (PURPLE shade on diagram will be excavated to a depth of 5.5 feet.

Bottom confirmation samples will be collected at no greater than 50 ft. intervals. Estimated volume of material to be removed is 674 cubic yards. The remediation will be completed within 90 days of plan approval.

The entire site will then be backfilled with clean soil and revegetated (if warranted) to the standards of the appropriate regulatory agency or private surface owner.

All excavated materials will be disposed of at an NMOCD-approved disposal facility.

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Incident ID	
District RP	2RP-4903
Facility ID	
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	52' (ft bgs)
Did this release impact groundwater or surface water?	🗌 Yes 🔳 No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	🗌 Yes 🔳 No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	🗌 Yes 🔳 No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	🗌 Yes 🔳 No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	🗌 Yes 🔳 No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	🗌 Yes 🔳 No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	🗌 Yes 🔳 No
Are the lateral extents of the release within 300 feet of a wetland?	🗌 Yes 🔳 No
Are the lateral extents of the release overlying a subsurface mine?	🗌 Yes 🔳 No
Are the lateral extents of the release overlying an unstable area such as karst geology?	🗌 Yes 🔳 No
Are the lateral extents of the release within a 100-year floodplain?	🗌 Yes 🔳 No
Did the release impact areas not on an exploration, development, production, or storage site?	Yes No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: Each of the following items must be included in the report.

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
 Field data
- Data table of soil contaminant concentration data
- Depth to water determination
- Determination of water sources and significant watercourses within ¹/₂-mile of the lateral extents of the release
- Boring or excavation logs
- Photographs including date and GIS information
- Topographic/Aerial maps
- Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

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Form C-141 Page 4	State of New Mexico Oil Conservation Divisio	n	Incident ID District RP Facility ID	2RP-4903
			Application ID	
regulations all operators ar public health or the environ failed to adequately investi	le Ditto	notifications and perform on the OCD does not relieve the threat to groundwater, surfate of responsibility for comp	prrective actions for rele operator of liability sho ce water, human health iance with any other fec nental Coord	ases which may endanger ould their operations have or the environment. In leral, state, or local laws
OCD Only				
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State of New Mexico Oil Conservation Division

Incident ID	
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Application ID	

Remediation Plan

Remediation Plan Checklist: Each of the following items must be	e included in the plan.						
Detailed description of proposed remediation technique							
Scaled sitemap with GPS coordinates showing delineation points							
Estimated volume of material to be remediated							
Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC							
Proposed schedule for remediation (note if remediation plan tim	eline is more than 90 days OCD approval is required)						
Deferral Requests Only: Each of the following items must be con	firmed as part of any request for deferral of remediation.						
Contamination must be in areas immediately under or around prodeconstruction.	oduction equipment where remediation could cause a major facility						
Extents of contamination must be fully delineated.							
Contamination does not cause an imminent risk to human health	, the environment, or groundwater.						
I hereby certify that the information given above is true and complete rules and regulations all operators are required to report and/or file co- which may endanger public health or the environment. The acceptan- liability should their operations have failed to adequately investigate surface water, human health or the environment. In addition, OCD a responsibility for compliance with any other federal, state, or local la	ertain release notifications and perform corrective actions for releases ace of a C-141 report by the OCD does not relieve the operator of and remediate contamination that pose a threat to groundwater, cceptance of a C-141 report does not relieve the operator of						
Printed Name: Wade Dittrich	Title: Environmental Coordinator						
Signature: Wall Retor	Date: 2.2219						
email: wade_dittrich@oxy.com	Date: <u>2.227</u> 9 Telephone: (575) 390-2828						
OCD Only							
^R This report will be accepted as a delineati	on report only. REMEDIATION						
PLAN IS DENIED. Remediation must con							
8/14/2018). OCD has this site status as "F							
si Remediation must also comply with 19.15	.29.13 INIVIAC.						



Oxy, Harroun 15 3 SWD CTB

Sample points

- SP1, N 32.21993 W-103.96470
- SP2, N 32.22001 W-103.96465
- SP3, N 32.22004 W-103.96453
- SP4, N 32.22015 W-103.96448
- SP5, N 32.22019 W-103.96436
- SP6, N 32.22027 W-103.96430
- SP7, N 32.22034 W-103.96440
- SP8, N 32.22043 W-103.96447
- SP9, N 32.22046 W-103.96464
- SP10, N 32.22053 W-103.96451
- NORTH, N 32.22059 W-103.96450
- SOUTH, N 32.21988 W-103.96470
- EAST, N 32.22029 W-103.96418
- WEST, N 32.21993 W-103.96477

Oxy, Harroun 15 3 SWD CTB U/L H, Section 15, T24S, R29E Groundwater: 75'-100'





National Water Information System: Web Interface

USGS Water Resources

USGS Home Contact USGS Search USGS

Data Category: eographic Area: ✓ GO Groundwater $\overline{}$ New Mexico

Click to hideNews Bulletins

- Due to a lapse in appropriations, the majority of USGS websites may not be up to date and may not reflect current conditions. Websites displaying real-time data, such as Earthquake and Water and information needed for public health and safety will be updated with limited support. Additionally, USGS will not be able to respond to inquiries until appropriations are enacted. For more information, please see www.doi.gov/shutdown.
- <u>Please see news on new formats</u>
 <u>Full News</u>

Groundwater levels for New Mexico

Click to hide state-specific text

Search Results -- 1 sites found

Agency code = usgs site_no list = • 321355104012001

Minimum number of levels = 1Save file of selected sites to local disk for future upload

USGS 321355104012001 24S.29E.07.14444

Eddy County, New Mexico Latitude 32°13'55", Longitude 104°01'20" NAD27 Land-surface elevation 2,983 feet above NAVD88 The depth of the well is 160 feet below land surface. This well is completed in the Castile Formation (312CSTL) local aquifer. **Output formats**

Table of data
Tab-separated data
Graph of data
Reselect period

Date	Time	? Water- level date- time accuracy	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Water- level accuracy	? Status	? Method of measurement	? Measuring agency	? Source of measurem(
1983-02-01		D	47.14			2		U		
1987-10-16		D	51.84			2		U		
1988-02-11		D	52.19			2		U		
1992-10-20		D	51.78			2		S		

Explanation						
Section	Code	Description				
Water-level date-time accuracy	D	Date is accurate to the Day				
Water-level accuracy	2	Water level accuracy to nearest hundredth of a foot				
Status		The reported water-level measurement represents a static level				
Method of measurement	S	Steel-tape measurement.				
Method of measurement	U	Unknown method.				
Measuring agency		Not determined				
Source of measurement	U	Source is unknown.				

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https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?site no=321355104012001&agency c... 1/14/2019

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Section	Code	Description	
Water-level approval status	А	Approved for publication Processing and review completed.	
Questions about sites/data?			
Feedback on this web site Automated retrievals			
Help			
Data Tips			
Explanation of terms			
Subscribe for system changes			
News			
Accessibility Plug-Ins FOIA Priv	acy Policies	and Notices	
U.S. Department of the Interior U.S. Geological			USA.gov
Title: Groundwater for New Mexico: Water L URL: https://nwis.waterdata.usgs.gov/nm/		?	wywwww

Page Contact Information: <u>New Mexico Water Data Maintainer</u> Page Last Modified: 2019-01-14 11:44:59 EST 0.75 0.67 nadww01



🔆 CO2, Temporaily Abandoned

New Mexico Oil Conservation Division

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NM OCD Oil and Gas Map. http://nm-emnrd.maps.arcgis.com/apps/webappviewer/: New Mexico Oil Conservation Division

Oxy, Harroun 15 3 SWD CTB

Leak date: 8/2/18 Eddy County, NM API# 30-015-29233



Google Earth

© 2018 Google

N N N

700 ft

National Flood Hazard Layer FIRMette



Legend

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Laboratory Analytical Results Summary Harroun 15 3 SWD CTB (8/2/18)

		Sample ID	SP1 @ SURFACE	SP1 @ 1'	SP1 @ 2'	SP1 @ 3'	SP1 @ 4'	SP1 @ 5'
Analyte	Method	Date	12/24/18	12/24/18	12/24/18	12/24/18	12/26/18	12/26/18
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		0.163	<0.200	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		3.11	2.93	0.901	0.052	<0.050	<0.050
Ethylbenzene	BTEX 8021B		0.719	2.64	1.01	0.09	<0.050	<0.050
Total Xylenes	BTEX 8021B		3.44	11.6	4.16	0.368	<0.150	<0.150
Total BTEX	BTEX 8021B		7.43	17.2	6.08	0.51	<0.300	<0.300
Chloride	SM4500CI-B		480	80	48	128	64	64
GRO	TPH 8015M		67.7	449	28.9	15.5	<10.0	<10.0
DRO	TPH 8015M		7640	3550	135	108	40.8	10.6
EXT DRO	TPH 8015M		1840	316	16.7	11	51.5	13

		Sample ID	SP2 @ SURFACE	SP2 @ 1'	SP2 @ 2'	SP2 @ 3'	SP2 @ 4'	SP2 @ 5'
Analyte	Method	Date	12/26/18	12/26/18	12/26/18	12/26/18	12/26/18	12/26/18
-			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		0.091	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		3.08	0.7	0.133	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		1.28	0.888	0.131	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		7.05	2.96	0.573	0.168	<0.150	<0.150
Total BTEX	BTEX 8021B		11.5	4.55	0.837	<0.300	<0.300	<0.300
Chloride	SM4500CI-B		240	48	64	400	64	48
GRO	TPH 8015M		111	110	12.6	12.4	<10.0	<10.0
DRO	TPH 8015M		5710	1200	67	72.4	<10.0	<10.0
EXT DRO	TPH 8015M		1420	198	13	13.3	<10.0	<10.0

		Comula ID	SP3 @					
		Sample ID	SURFACE	SP3 @ 1'	SP3 @ 2'	SP3 @ 3'	SP3 @ 4'	SP3 @ 5'
Analyte	Method	Date	12/26/18	12/26/18	12/26/18	12/26/18	12/26/18	12/26/18
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	0.339	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		0.231	7.36	0.175	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		0.127	2.81	0.596	0.132	<0.050	<0.050
Total Xylenes	BTEX 8021B		0.748	13.8	2.41	0.461	<0.150	<0.150
Total BTEX	BTEX 8021B		1.11	24.4	3.18	0.593	<0.300	<0.300
Chloride	SM4500CI-B		288	80	64	208	48	48
GRO	TPH 8015M		<50.0	62	50.6	<10.0	<10.0	<10.0
DRO	TPH 8015M		2960	164	320	62.8	<10.0	<10.0
EXT DRO	TPH 8015M		357	24	36.7	<10.0	<10.0	<10.0

			SP4 @					
		Sample ID	SURFACE	SP4 @ 1'	SP4 @ 2'	SP4 @ 3'	SP4 @ 4'	SP4 @ 5'
Analyte	Method	Date	12/26/18	12/26/18	12/26/18	12/26/18	12/26/18	12/26/18
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		1.45	1.2	0.051	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		0.779	1.45	0.122	0.128	<0.050	<0.050
Total Xylenes	BTEX 8021B		4.71	6.11	0.615	0.399	<0.150	<0.150
Total BTEX	BTEX 8021B		6.94	8.77	0.788	0.528	<0.300	<0.300
Chloride	SM4500CI-B		288	64	128	144	32	32
GRO	TPH 8015M		74.7	25.8	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		6340	311	64.8	16.8	<10.0	<10.0
EXT DRO	TPH 8015M		1820	77.4	22.7	<10.0	<10.0	<10.0

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Laboratory Analytical Results Summary Harroun 15 3 SWD CTB (8/2/18)

		Sample ID	SP5 @ SURFACE	SP5 @ 1'	SP5 @ 2'	SP5 @ 3'	SP5 @ 4'	SP5 @ 5'
Analyte	Method	Date	12/26/18	12/26/18	12/27/18	12/27/18	12/27/18	12/27/18
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		0.058	<0.100	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		1.3	1.86	0.06	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		1.45	1.8	0.054	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		6.57	9.19	0.266	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		9.37	12.8	0.38	<0.300	<0.300	<0.300
Chloride	SM4500CI-B		48	64	1280	560	48	80
GRO	TPH 8015M		168	230	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		1480	2250	77.1	<10.0	<10.0	<10.0
EXT DRO	TPH 8015M		234	403	60.9	<10.0	<10.0	<10.0

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			SP6 @							
		Sample ID	SURFACE	SP6 @ 1'	SP6 @ 2'	SP6 @ 3'	SP6 @ 4'	SP6 @ 5'	SP6 @ 6'	SP6 @ 7'
Analyte	Method	Date	12/27/18	12/27/18	12/27/18	12/27/18	12/27/18	12/27/18	12/27/18	12/27/18
			mg/kg							
Benzene	BTEX 8021B		<0.050	<0.200	0.496	0.829	<0.500	0.221	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	2.93	8.6	22.1	9.72	9.85	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	3.54	5.94	13.6	8.72	10.8	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	18	28.7	64.9	44.4	47.9	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	24.5	43.7	101	62.9	68.8	<0.300	<0.300
Chloride	SM4500CI-B		3200	304	640	176	112	128	32	48
GRO	TPH 8015M		<10.0	398	470	1300	767	590	<10.0	<10.0
DRO	TPH 8015M		996	2810	1880	4440	3720	2680	61.9	<10.0
EXT DRO	TPH 8015M		317	559	351	797	752	558	81.7	16.7

			SP7 @							
		Sample ID	SURFACE	SP7 @ 1'	SP7 @ 2'	SP7 @ 3'	SP7 @ 4'	SP7 @ 5'	SP7 @ 6'	SP7 @ 7'
Analyte	Method	Date	12/27/18	12/27/18	12/27/18	12/27/18	12/27/18	12/27/18	12/27/18	12/27/18
			mg/kg							
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		0.577	0.053	<0.050	<0.050	0.082	0.061	<0.050	<0.050
Ethylbenzene	BTEX 8021B		0.168	0.142	<0.050	<0.050	0.099	0.059	<0.050	<0.050
Total Xylenes	BTEX 8021B		0.73	0.642	<0.150	<0.150	0.402	0.348	<0.150	<0.150
Total BTEX	BTEX 8021B		1.47	0.838	<0.300	<0.300	0.583	0.468	<0.300	<0.300
Chloride	SM4500CI-B		3280	3000	2880	3880	2960	1120	32	64
GRO	TPH 8015M		<50.0	12.3	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		3270	183	14.4	19.2	93.4	<10.0	<10.0	<10.0
EXT DRO	TPH 8015M		921	36.3	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

			SP8 @			
		Sample ID	SURFACE	SP8 @ 1'	SP8 @ 2'	SP8 @ 3'
Analyte	Method	Date	12/27/18	12/27/18	12/27/18	12/27/18
			mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		0.736	0.099	<0.050	<0.050
Ethylbenzene	BTEX 8021B		0.248	0.055	<0.050	<0.050
Total Xylenes	BTEX 8021B		1.14	0.281	<0.150	<0.150
Total BTEX	BTEX 8021B		2.12	0.435	<0.300	<0.300
Chloride	SM4500CI-B		3560	32	32	48
GRO	TPH 8015M		<50.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		2700	204	<10.0	<10.0
EXT DRO	TPH 8015M		658	44.8	<10.0	<10.0

Laboratory Analytical Results Summary Harroun 15 3 SWD CTB (8/2/18)

		0	SP9 @			
		Sample ID	SURFACE	SP9 @ 1'	SP9 @ 2'	SP9 @ 3'
Analyte	Method	Date	12/27/18	12/28/18	12/28/18	12/28/18
			mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		0.865	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		0.28	0.108	<0.050	<0.050
Total Xylenes	BTEX 8021B		1.54	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		2.68	<0.300	<0.300	<0.300
Chloride	SM4500CI-B		2920	576	208	160
GRO	TPH 8015M		<100	10.7	<10.0	<10.0
DRO	TPH 8015M		5310	1070	78.6	<10.0
EXT DRO	TPH 8015M		1170	199	23.4	<10.0

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			SP10 @			
		Sample ID	SURFACE	SP10 @ 1'	SP10 @ 2'	SP10 @ 3'
Analyte	Method	Date	12/28/18	12/28/18	12/28/18	12/28/18
			mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	0.081	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300
Chloride	SM4500CI-B		3120	640	160	64
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		812	744	31.7	<10.0
EXT DRO	TPH 8015M		203	94.6	16.1	<10.0

		Sample ID	NORTH @ SURFACE	EAST @ SURFACE	WEST @ SURFACE	SOUTH @ SURFACE
Analyte	Method	Date	12/28/18	12/28/18	12/28/18	12/28/18
-			mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	< 0.300
Chloride	SM4500CI-B		32	48	48	32
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0



January 10, 2019

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: HARROUN 15-3 CTB

Enclosed are the results of analyses for samples received by the laboratory on 01/04/19 14:55.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-18-11. 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:	01/04/2019	Sampling Date:	12/24/2018
Reported:	01/10/2019	Sampling Type:	Soil
Project Name:	HARROUN 15-3 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 1 @ SURFACE (H900018-01)

BTEX 8021B	mg	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.163	0.050	01/07/2019	ND	2.29	114	2.00	1.93	
Toluene*	3.11	0.050	01/07/2019	ND	2.35	118	2.00	2.92	
Ethylbenzene*	0.719	0.050	01/07/2019	ND	2.40	120	2.00	3.38	
Total Xylenes*	3.44	0.150	01/07/2019	ND	7.41	123	6.00	2.74	
Total BTEX	7.43	0.300	01/07/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 73.3-12	9						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	01/07/2019	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	67.7	50.0	01/06/2019	ND	197	98.4	200	1.12	
DRO >C10-C28*	7640	50.0	01/06/2019	ND	179	89.5	200	5.81	QM-07, QR-03
EXT DRO >C28-C36	1840	50.0	01/06/2019	ND					
Surrogate: 1-Chlorooctane	88.2	% 41-142							
Surrogate: 1-Chlorooctadecane	401	% 37.6-14	7						

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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:	01/04/2019	Sampling Date:	12/24/2018
Reported:	01/10/2019	Sampling Type:	Soil
Project Name:	HARROUN 15-3 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 1 @ 1' (H900018-02)

BTEX 8021B	mg,	/kg	Analyze	d By: ms					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	01/07/2019	ND	2.29	114	2.00	1.93	
Toluene*	2.93	0.200	01/07/2019	ND	2.35	118	2.00	2.92	
Ethylbenzene*	2.64	0.200	01/08/2019	ND	2.40	120	2.00	3.38	
Total Xylenes*	11.6	0.600	01/07/2019	ND	7.41	123	6.00	2.74	
Total BTEX	17.2	1.20	01/07/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	151	% 73.3-12	9						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	01/07/2019	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	449	50.0	01/04/2019	ND	197	98.4	200	0.829	
DRO >C10-C28*	3550	50.0	01/04/2019	ND	184	92.2	200	1.34	
EXT DRO >C28-C36	316	50.0	01/04/2019	ND					
Surrogate: 1-Chlorooctane	<i>98.3</i>	% 41-142	2						
Surrogate: 1-Chlorooctadecane	182	% 37.6-14	7						

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Celeg D. Keene

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:	01/04/2019	Sampling Date:	12/24/2018
Reported:	01/10/2019	Sampling Type:	Soil
Project Name:	HARROUN 15-3 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 1 @ 2' (H900018-03)

BTEX 8021B	mg	/kg	Analyze	d By: ms					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/07/2019	ND	2.29	114	2.00	1.93	
Toluene*	0.901	0.050	01/07/2019	ND	2.35	118	2.00	2.92	
Ethylbenzene*	1.01	0.050	01/07/2019	ND	2.40	120	2.00	3.38	
Total Xylenes*	4.16	0.150	01/07/2019	ND	7.41	123	6.00	2.74	
Total BTEX	6.08	0.300	01/07/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	142	% 73.3-12	9						
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	01/07/2019	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*	28.9	10.0	01/04/2019	ND	197	98.4	200	0.829	
DRO >C10-C28*	135	10.0	01/04/2019	ND	184	92.2	200	1.34	
EXT DRO >C28-C36	16.7	10.0	01/04/2019	ND					
Surrogate: 1-Chlorooctane	86.6	% 41-142	2						
Surrogate: 1-Chlorooctadecane	82.4	% 37.6-14	7						

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Celeg D. Keene

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:	01/04/2019	Sampling Date:	12/24/2018
Reported:	01/10/2019	Sampling Type:	Soil
Project Name:	HARROUN 15-3 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 1 @ 3' (H900018-04)

BTEX 8021B	mg	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/07/2019	ND	2.29	114	2.00	1.93	
Toluene*	0.052	0.050	01/07/2019	ND	2.35	118	2.00	2.92	
Ethylbenzene*	0.090	0.050	01/07/2019	ND	2.40	120	2.00	3.38	
Total Xylenes*	0.368	0.150	01/07/2019	ND	7.41	123	6.00	2.74	
Total BTEX	0.510	0.300	01/07/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 73.3-12	9						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	01/07/2019	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*	15.5	10.0	01/05/2019	ND	197	98.4	200	0.829	
DRO >C10-C28*	108	10.0	01/05/2019	ND	184	92.2	200	1.34	
EXT DRO >C28-C36	11.0	10.0	01/05/2019	ND					
Surrogate: 1-Chlorooctane	82.2	% 41-142	2						
Surrogate: 1-Chlorooctadecane	79.8	% 37.6-14	7						

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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:	01/04/2019	Sampling Date:	12/26/2018
Reported:	01/10/2019	Sampling Type:	Soil
Project Name:	HARROUN 15-3 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 1 @ 4' (H900018-05)

BTEX 8021B	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/07/2019	ND	2.29	114	2.00	1.93	
Toluene*	<0.050	0.050	01/07/2019	ND	2.35	118	2.00	2.92	
Ethylbenzene*	<0.050	0.050	01/07/2019	ND	2.40	120	2.00	3.38	
Total Xylenes*	<0.150	0.150	01/07/2019	ND	7.41	123	6.00	2.74	
Total BTEX	<0.300	0.300	01/07/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 73.3-12	9						
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	01/07/2019	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	01/06/2019	ND	197	98.4	200	1.12	
DRO >C10-C28*	40.8	10.0	01/06/2019	ND	179	89.5	200	5.81	
EXT DRO >C28-C36	51.5	10.0	01/06/2019	ND					
Surrogate: 1-Chlorooctane	81.2	% 41-142	2						
Surrogate: 1-Chlorooctadecane	78.8	% 37.6-14	7						

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Celeg D. Keene

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:	01/04/2019	Sampling Date:	12/26/2018
Reported:	01/10/2019	Sampling Type:	Soil
Project Name:	HARROUN 15-3 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 1 @ 5' (H900018-06)

BTEX 8021B	mg/	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/07/2019	ND	2.29	114	2.00	1.93	
Toluene*	<0.050	0.050	01/07/2019	ND	2.35	118	2.00	2.92	
Ethylbenzene*	<0.050	0.050	01/07/2019	ND	2.40	120	2.00	3.38	
Total Xylenes*	<0.150	0.150	01/07/2019	ND	7.41	123	6.00	2.74	
Total BTEX	<0.300	0.300	01/07/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 73.3-12	9						
Chloride, SM4500CI-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	01/07/2019	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	01/06/2019	ND	197	98.4	200	1.12	
DRO >C10-C28*	10.6	10.0	01/06/2019	ND	179	89.5	200	5.81	
EXT DRO >C28-C36	13.0	10.0	01/06/2019	ND					
Surrogate: 1-Chlorooctane	84.0	% 41-142	2						
Surrogate: 1-Chlorooctadecane	83.3	% 37.6-14	7						

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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:	01/04/2019	Sampling Date:	12/26/2018
Reported:	01/10/2019	Sampling Type:	Soil
Project Name:	HARROUN 15-3 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 2 @ SURFACE (H900018-07)

BTEX 8021B	mg/	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.091	0.050	01/07/2019	ND	2.29	114	2.00	1.93	
Toluene*	3.08	0.050	01/07/2019	ND	2.35	118	2.00	2.92	
Ethylbenzene*	1.28	0.050	01/07/2019	ND	2.40	120	2.00	3.38	
Total Xylenes*	7.05	0.150	01/07/2019	ND	7.41	123	6.00	2.74	
Total BTEX	11.5	0.300	01/07/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	240	16.0	01/07/2019	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	111	50.0	01/06/2019	ND	197	98.4	200	1.12	
DRO >C10-C28*	5710	50.0	01/06/2019	ND	179	89.5	200	5.81	
EXT DRO >C28-C36	1420	50.0	01/06/2019	ND					
Surrogate: 1-Chlorooctane	95.0	% 41-142	2						
Surrogate: 1-Chlorooctadecane	323	% 37.6-14	7						

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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:	01/04/2019	Sampling Date:	12/26/2018
Reported:	01/10/2019	Sampling Type:	Soil
Project Name:	HARROUN 15-3 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 2 @ 1' (H900018-08)

BTEX 8021B	mg	/kg	Analyze	d By: ms					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/07/2019	ND	2.29	114	2.00	1.93	
Toluene*	0.700	0.050	01/07/2019	ND	2.35	118	2.00	2.92	
Ethylbenzene*	0.888	0.050	01/07/2019	ND	2.40	120	2.00	3.38	
Total Xylenes*	2.96	0.150	01/07/2019	ND	7.41	123	6.00	2.74	
Total BTEX	4.55	0.300	01/07/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	157	% 73.3-12	9						
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	01/07/2019	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*	110	10.0	01/06/2019	ND	197	98.4	200	1.12	
DRO >C10-C28*	1200	10.0	01/06/2019	ND	179	89.5	200	5.81	
EXT DRO >C28-C36	198	10.0	01/06/2019	ND					
Surrogate: 1-Chlorooctane	85.1	% 41-142	2						
Surrogate: 1-Chlorooctadecane	108	% 37.6-14	7						

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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:	01/04/2019	Sampling Date:	12/26/2018
Reported:	01/10/2019	Sampling Type:	Soil
Project Name:	HARROUN 15-3 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 2 @ 2' (H900018-09)

BTEX 8021B	mg	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/07/2019	ND	2.29	114	2.00	1.93	
Toluene*	0.133	0.050	01/07/2019	ND	2.35	118	2.00	2.92	
Ethylbenzene*	0.131	0.050	01/07/2019	ND	2.40	120	2.00	3.38	
Total Xylenes*	0.573	0.150	01/07/2019	ND	7.41	123	6.00	2.74	
Total BTEX	0.837	0.300	01/07/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 73.3-12	9						
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	01/07/2019	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*	12.6	10.0	01/06/2019	ND	197	98.4	200	1.12	
DRO >C10-C28*	67.0	10.0	01/06/2019	ND	179	89.5	200	5.81	
EXT DRO >C28-C36	13.0	10.0	01/06/2019	ND					
Surrogate: 1-Chlorooctane	77.8	% 41-142	2						
Surrogate: 1-Chlorooctadecane	75.5	% 37.6-14	7						

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Celeg D. Keene

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:	01/04/2019	Sampling Date:	12/26/2018
Reported:	01/10/2019	Sampling Type:	Soil
Project Name:	HARROUN 15-3 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 2 @ 3' (H900018-10)

BTEX 8021B	mg/	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/07/2019	ND	2.29	114	2.00	1.93	
Toluene*	<0.050	0.050	01/07/2019	ND	2.35	118	2.00	2.92	
Ethylbenzene*	<0.050	0.050	01/07/2019	ND	2.40	120	2.00	3.38	
Total Xylenes*	0.168	0.150	01/07/2019	ND	7.41	123	6.00	2.74	
Total BTEX	<0.300	0.300	01/07/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	01/07/2019	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*	12.4	10.0	01/06/2019	ND	197	98.4	200	1.12	
DRO >C10-C28*	72.4	10.0	01/06/2019	ND	179	89.5	200	5.81	
EXT DRO >C28-C36	13.3	10.0	01/06/2019	ND					
Surrogate: 1-Chlorooctane	82.4	% 41-142	2						
Surrogate: 1-Chlorooctadecane	79.9	% 37.6-14	7						

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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:	01/04/2019	Sampling Date:	12/26/2018
Reported:	01/10/2019	Sampling Type:	Soil
Project Name:	HARROUN 15-3 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 2 @ 4' (H900018-11)

BTEX 8021B	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/07/2019	ND	2.29	114	2.00	1.93	
Toluene*	<0.050	0.050	01/07/2019	ND	2.35	118	2.00	2.92	
Ethylbenzene*	<0.050	0.050	01/07/2019	ND	2.40	120	2.00	3.38	
Total Xylenes*	<0.150	0.150	01/07/2019	ND	7.41	123	6.00	2.74	
Total BTEX	<0.300	0.300	01/07/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 73.3-12	9						
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	01/07/2019	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	01/06/2019	ND	197	98.4	200	1.12	
DRO >C10-C28*	<10.0	10.0	01/06/2019	ND	179	89.5	200	5.81	
EXT DRO >C28-C36	<10.0	10.0	01/06/2019	ND					
Surrogate: 1-Chlorooctane	76.1	% 41-142	2						
Surrogate: 1-Chlorooctadecane	74.3	% 37.6-14	7						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	01/04/2019	Sampling Date:	12/26/2018
Reported:	01/10/2019	Sampling Type:	Soil
Project Name:	HARROUN 15-3 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 2 @ 5' (H900018-12)

BTEX 8021B	mg/	′kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/07/2019	ND	2.29	114	2.00	1.93	
Toluene*	<0.050	0.050	01/07/2019	ND	2.35	118	2.00	2.92	
Ethylbenzene*	<0.050	0.050	01/07/2019	ND	2.40	120	2.00	3.38	
Total Xylenes*	<0.150	0.150	01/07/2019	ND	7.41	123	6.00	2.74	
Total BTEX	<0.300	0.300	01/07/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 73.3-12	9						
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	01/07/2019	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	01/06/2019	ND	197	98.4	200	1.12	
DRO >C10-C28*	<10.0	10.0	01/06/2019	ND	179	89.5	200	5.81	
EXT DRO >C28-C36	<10.0	10.0	01/06/2019	ND					
Surrogate: 1-Chlorooctane	82.5	% 41-142	,						
Surrogate: 1-Chlorooctadecane	81.1	% 37.6-14	7						

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Received:	01/04/2019	Sampling Date:	12/26/2018
Reported:	01/10/2019	Sampling Type:	Soil
Project Name:	HARROUN 15-3 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 3 @ SURFACE (H900018-13)

BTEX 8021B	mg/	′kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/07/2019	ND	2.29	114	2.00	1.93	
Toluene*	0.231	0.050	01/07/2019	ND	2.35	118	2.00	2.92	
Ethylbenzene*	0.127	0.050	01/07/2019	ND	2.40	120	2.00	3.38	
Total Xylenes*	0.748	0.150	01/07/2019	ND	7.41	123	6.00	2.74	
Total BTEX	1.11	0.300	01/07/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	01/07/2019	ND	432	108	400	3.64	
TPH 8015M	mg/	′kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<50.0	50.0	01/07/2019	ND	199	99.5	200	0.929	
DRO >C10-C28*	2960	50.0	01/07/2019	ND	181	90.5	200	2.36	
EXT DRO >C28-C36	357	50.0	01/07/2019	ND					
Surrogate: 1-Chlorooctane	85.5	% 41-142	2						
Surrogate: 1-Chlorooctadecane	218 9	% 37.6-14	7						

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Received:	01/04/2019	Sampling Date:	12/26/2018
Reported:	01/10/2019	Sampling Type:	Soil
Project Name:	HARROUN 15-3 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 3 @ 1' (H900018-14)

BTEX 8021B	mg	/kg	Analyze	d By: ms					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.339	0.050	01/07/2019	ND	2.29	114	2.00	1.93	
Toluene*	7.36	0.050	01/07/2019	ND	2.35	118	2.00	2.92	
Ethylbenzene*	2.81	0.050	01/07/2019	ND	2.40	120	2.00	3.38	
Total Xylenes*	13.8	0.150	01/07/2019	ND	7.41	123	6.00	2.74	
Total BTEX	24.4	0.300	01/07/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	131	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	01/07/2019	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*	62.0	10.0	01/07/2019	ND	199	99.5	200	0.929	
DRO >C10-C28*	164	10.0	01/07/2019	ND	181	90.5	200	2.36	
EXT DRO >C28-C36	24.0	10.0	01/07/2019	ND					
Surrogate: 1-Chlorooctane	97.7	% 41-142	2						
Surrogate: 1-Chlorooctadecane	95.9	% 37.6-14	7						

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Received:	01/04/2019	Sampling Date:	12/26/2018
Reported:	01/10/2019	Sampling Type:	Soil
Project Name:	HARROUN 15-3 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 3 @ 2' (H900018-15)

BTEX 8021B	mg,	/kg	Analyze	d By: ms					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/07/2019	ND	2.29	114	2.00	1.93	
Toluene*	0.175	0.050	01/07/2019	ND	2.35	118	2.00	2.92	
Ethylbenzene*	0.596	0.050	01/07/2019	ND	2.40	120	2.00	3.38	
Total Xylenes*	2.41	0.150	01/07/2019	ND	7.41	123	6.00	2.74	
Total BTEX	3.18	0.300	01/07/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	135	% 73.3-12	9						
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	01/07/2019	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*	50.6	10.0	01/07/2019	ND	199	99.5	200	0.929	
DRO >C10-C28*	320	10.0	01/07/2019	ND	181	90.5	200	2.36	
EXT DRO >C28-C36	36.7	10.0	01/07/2019	ND					
Surrogate: 1-Chlorooctane	98.6	% 41-142	2						
Surrogate: 1-Chlorooctadecane	100	% 37.6-14	7						

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Received:	01/04/2019	Sampling Date:	12/26/2018
Reported:	01/10/2019	Sampling Type:	Soil
Project Name:	HARROUN 15-3 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 3 @ 3' (H900018-16)

BTEX 8021B	mg/	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/07/2019	ND	2.29	114	2.00	1.93	
Toluene*	<0.050	0.050	01/07/2019	ND	2.35	118	2.00	2.92	
Ethylbenzene*	0.132	0.050	01/07/2019	ND	2.40	120	2.00	3.38	
Total Xylenes*	0.461	0.150	01/07/2019	ND	7.41	123	6.00	2.74	
Total BTEX	0.593	0.300	01/07/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	01/07/2019	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	01/07/2019	ND	199	99.5	200	0.929	
DRO >C10-C28*	62.8	10.0	01/07/2019	ND	181	90.5	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	01/07/2019	ND					
Surrogate: 1-Chlorooctane	97.6	% 41-142							
Surrogate: 1-Chlorooctadecane	97.8	% 37.6-14	7						

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Received:	01/04/2019	Sampling Date:	12/26/2018
Reported:	01/10/2019	Sampling Type:	Soil
Project Name:	HARROUN 15-3 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 3 @ 4' (H900018-17)

BTEX 8021B	mg	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/07/2019	ND	2.29	114	2.00	1.93	
Toluene*	<0.050	0.050	01/07/2019	ND	2.35	118	2.00	2.92	
Ethylbenzene*	<0.050	0.050	01/07/2019	ND	2.40	120	2.00	3.38	
Total Xylenes*	<0.150	0.150	01/07/2019	ND	7.41	123	6.00	2.74	
Total BTEX	<0.300	0.300	01/07/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 73.3-12	9						
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	01/07/2019	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	01/07/2019	ND	199	99.5	200	0.929	
DRO >C10-C28*	<10.0	10.0	01/07/2019	ND	181	90.5	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	01/07/2019	ND					
Surrogate: 1-Chlorooctane	87.7	% 41-142	,						
Surrogate: 1-Chlorooctadecane	81.6	% 37.6-14	7						

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Received:	01/04/2019	Sampling Date:	12/26/2018
Reported:	01/10/2019	Sampling Type:	Soil
Project Name:	HARROUN 15-3 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 3 @ 5' (H900018-18)

BTEX 8021B	mg/	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/07/2019	ND	2.29	114	2.00	1.93	
Toluene*	<0.050	0.050	01/07/2019	ND	2.35	118	2.00	2.92	
Ethylbenzene*	<0.050	0.050	01/07/2019	ND	2.40	120	2.00	3.38	
Total Xylenes*	<0.150	0.150	01/07/2019	ND	7.41	123	6.00	2.74	
Total BTEX	<0.300	0.300	01/07/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 73.3-12	9						
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	01/07/2019	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	01/07/2019	ND	199	99.5	200	0.929	
DRO >C10-C28*	<10.0	10.0	01/07/2019	ND	181	90.5	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	01/07/2019	ND					
Surrogate: 1-Chlorooctane	92.3	% 41-142	2						
Surrogate: 1-Chlorooctadecane	90.0	% 37.6-14	7						

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Received:	01/04/2019	Sampling Date:	12/26/2018
Reported:	01/10/2019	Sampling Type:	Soil
Project Name:	HARROUN 15-3 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 4 @ SURFACE (H900018-19)

BTEX 8021B	mg/	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/07/2019	ND	2.29	114	2.00	1.93	
Toluene*	1.45	0.050	01/07/2019	ND	2.35	118	2.00	2.92	
Ethylbenzene*	0.779	0.050	01/07/2019	ND	2.40	120	2.00	3.38	
Total Xylenes*	4.71	0.150	01/07/2019	ND	7.41	123	6.00	2.74	
Total BTEX	6.94	0.300	01/07/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	01/07/2019	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	74.7	50.0	01/07/2019	ND	199	99.5	200	0.929	
DRO >C10-C28*	6340	50.0	01/07/2019	ND	181	90.5	200	2.36	
EXT DRO >C28-C36	1820	50.0	01/07/2019	ND					
Surrogate: 1-Chlorooctane	95.1	% 41-142	2						
Surrogate: 1-Chlorooctadecane	350	% 37.6-14	7						

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Received:	01/04/2019	Sampling Date:	12/26/2018
Reported:	01/10/2019	Sampling Type:	Soil
Project Name:	HARROUN 15-3 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 4 @ 1' (H900018-20)

BTEX 8021B	mg/kg		Analyzed By: ms					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/07/2019	ND	2.29	114	2.00	1.93	
Toluene*	1.20	0.050	01/07/2019	ND	2.35	118	2.00	2.92	
Ethylbenzene*	1.45	0.050	01/07/2019	ND	2.40	120	2.00	3.38	
Total Xylenes*	6.11	0.150	01/07/2019	ND	7.41	123	6.00	2.74	
Total BTEX	8.77	0.300	01/07/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	146	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/07/2019	ND	432	108	400	3.64	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	25.8	10.0	01/07/2019	ND	199	99.5	200	0.929	
DRO >C10-C28*	311	10.0	01/07/2019	ND	181	90.5	200	2.36	
EXT DRO >C28-C36	77.4	10.0	01/07/2019	ND					
Surrogate: 1-Chlorooctane	83.6	% 41-142	2						
Surrogate: 1-Chlorooctadecane	89.5	% 37.6-14	7						

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Received:	01/04/2019	Sampling Date:	12/26/2018
Reported:	01/10/2019	Sampling Type:	Soil
Project Name:	HARROUN 15-3 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 4 @ 2' (H900018-21)

BTEX 8021B	mg/	′kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/08/2019	ND	2.27	113	2.00	0.864	
Toluene*	0.051	0.050	01/08/2019	ND	2.32	116	2.00	1.15	
Ethylbenzene*	0.122	0.050	01/08/2019	ND	2.29	115	2.00	0.271	
Total Xylenes*	0.615	0.150	01/08/2019	ND	7.06	118	6.00	0.968	
Total BTEX	0.788	0.300	01/08/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	01/07/2019	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	01/07/2019	ND	199	99.5	200	0.929	
DRO >C10-C28*	64.8	10.0	01/07/2019	ND	181	90.5	200	2.36	
EXT DRO >C28-C36	22.7	10.0	01/07/2019	ND					
Surrogate: 1-Chlorooctane	94.7	% 41-142	2						
Surrogate: 1-Chlorooctadecane	94.8	% 37.6-14	7						

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Received:	01/04/2019	Sampling Date:	12/26/2018
Reported:	01/10/2019	Sampling Type:	Soil
Project Name:	HARROUN 15-3 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 4 @ 3' (H900018-22)

BTEX 8021B	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/08/2019	ND	2.27	113	2.00	0.864	
Toluene*	<0.050	0.050	01/08/2019	ND	2.32	116	2.00	1.15	
Ethylbenzene*	0.128	0.050	01/08/2019	ND	2.29	115	2.00	0.271	
Total Xylenes*	0.399	0.150	01/08/2019	ND	7.06	118	6.00	0.968	
Total BTEX	0.528	0.300	01/08/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	01/07/2019	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	01/07/2019	ND	199	99.5	200	0.929	
DRO >C10-C28*	16.8	10.0	01/07/2019	ND	181	90.5	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	01/07/2019	ND					
Surrogate: 1-Chlorooctane	94.4	% 41-142	2						
Surrogate: 1-Chlorooctadecane	92.5	% 37.6-14	7						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	01/04/2019	Sampling Date:	12/26/2018
Reported:	01/10/2019	Sampling Type:	Soil
Project Name:	HARROUN 15-3 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 4 @ 4' (H900018-23)

BTEX 8021B	mg/	′kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/08/2019	ND	2.27	113	2.00	0.864	
Toluene*	<0.050	0.050	01/08/2019	ND	2.32	116	2.00	1.15	
Ethylbenzene*	<0.050	0.050	01/08/2019	ND	2.29	115	2.00	0.271	
Total Xylenes*	<0.150	0.150	01/08/2019	ND	7.06	118	6.00	0.968	
Total BTEX	<0.300	0.300	01/08/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 73.3-12	9						
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	01/07/2019	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	01/07/2019	ND	199	99.5	200	0.929	
DRO >C10-C28*	<10.0	10.0	01/07/2019	ND	181	90.5	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	01/07/2019	ND					
Surrogate: 1-Chlorooctane	92.5	% 41-142	2						
Surrogate: 1-Chlorooctadecane	91.4	% 37.6-14	7						

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Received:	01/04/2019	Sampling Date:	12/26/2018
Reported:	01/10/2019	Sampling Type:	Soil
Project Name:	HARROUN 15-3 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 4 @ 5' (H900018-24)

BTEX 8021B	mg/	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/08/2019	ND	2.27	113	2.00	0.864	
Toluene*	<0.050	0.050	01/08/2019	ND	2.32	116	2.00	1.15	
Ethylbenzene*	<0.050	0.050	01/08/2019	ND	2.29	115	2.00	0.271	
Total Xylenes*	<0.150	0.150	01/08/2019	ND	7.06	118	6.00	0.968	
Total BTEX	<0.300	0.300	01/08/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 73.3-12	9						
Chloride, SM4500CI-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	01/07/2019	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	01/07/2019	ND	199	99.5	200	0.929	
DRO >C10-C28*	<10.0	10.0	01/07/2019	ND	181	90.5	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	01/07/2019	ND					
Surrogate: 1-Chlorooctane	91.5	% 41-142	,						
Surrogate: 1-Chlorooctadecane	88.3	% 37.6-14	7						

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Received:	01/04/2019	Sampling Date:	12/26/2018
Reported:	01/10/2019	Sampling Type:	Soil
Project Name:	HARROUN 15-3 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 5 @ SURFACE (H900018-25)

BTEX 8021B	mg	/kg	Analyze	d By: ms					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.058	0.050	01/08/2019	ND	2.27	113	2.00	0.864	
Toluene*	1.30	0.050	01/08/2019	ND	2.32	116	2.00	1.15	
Ethylbenzene*	1.45	0.050	01/08/2019	ND	2.29	115	2.00	0.271	
Total Xylenes*	6.57	0.150	01/08/2019	ND	7.06	118	6.00	0.968	
Total BTEX	9.37	0.300	01/08/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	203	% 73.3-12	9						
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	01/07/2019	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*	168	10.0	01/07/2019	ND	199	99.5	200	0.929	
DRO >C10-C28*	1480	10.0	01/07/2019	ND	181	90.5	200	2.36	
EXT DRO >C28-C36	234	10.0	01/07/2019	ND					
Surrogate: 1-Chlorooctane	106	% 41-142	2						
Surrogate: 1-Chlorooctadecane	131	% 37.6-14	7						

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Received:	01/04/2019	Sampling Date:	12/26/2018
Reported:	01/10/2019	Sampling Type:	Soil
Project Name:	HARROUN 15-3 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 5 @ 1' (H900018-26)

BTEX 8021B	mg	/kg	Analyze	d By: ms					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	01/08/2019	ND	2.27	113	2.00	0.864	
Toluene*	1.86	0.100	01/08/2019	ND	2.32	116	2.00	1.15	
Ethylbenzene*	1.80	0.100	01/08/2019	ND	2.29	115	2.00	0.271	
Total Xylenes*	9.19	0.300	01/08/2019	ND	7.06	118	6.00	0.968	
Total BTEX	12.8	0.600	01/08/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	167	% 73.3-12	9						
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	01/07/2019	ND	432	108	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	230	10.0	01/07/2019	ND	199	99.5	200	0.929	
DRO >C10-C28*	2250	10.0	01/07/2019	ND	181	90.5	200	2.36	
EXT DRO >C28-C36	403	10.0	01/07/2019	ND					
Surrogate: 1-Chlorooctane	109	% 41-142	2						
Surrogate: 1-Chlorooctadecane	155	% 37.6-14	7						

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Received:	01/04/2019	Sampling Date:	12/27/2018
Reported:	01/10/2019	Sampling Type:	Soil
Project Name:	HARROUN 15-3 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 5 @ 2' (H900018-27)

BTEX 8021B	mg/	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/08/2019	ND	2.27	113	2.00	0.864	
Toluene*	0.060	0.050	01/08/2019	ND	2.32	116	2.00	1.15	
Ethylbenzene*	0.054	0.050	01/08/2019	ND	2.29	115	2.00	0.271	
Total Xylenes*	0.266	0.150	01/08/2019	ND	7.06	118	6.00	0.968	
Total BTEX	0.380	0.300	01/08/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.9	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1280	16.0	01/07/2019	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	01/07/2019	ND	199	99.5	200	0.929	
DRO >C10-C28*	77.1	10.0	01/07/2019	ND	181	90.5	200	2.36	
EXT DRO >C28-C36	60.9	10.0	01/07/2019	ND					
Surrogate: 1-Chlorooctane	86.5	% 41-142	2						
Surrogate: 1-Chlorooctadecane	91.7	% 37.6-14	7						

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Received:	01/04/2019	Sampling Date:	12/27/2018
Reported:	01/10/2019	Sampling Type:	Soil
Project Name:	HARROUN 15-3 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 5 @ 3' (H900018-28)

BTEX 8021B	mg/	′kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/08/2019	ND	2.27	113	2.00	0.864	
Toluene*	<0.050	0.050	01/08/2019	ND	2.32	116	2.00	1.15	
Ethylbenzene*	<0.050	0.050	01/08/2019	ND	2.29	115	2.00	0.271	
Total Xylenes*	<0.150	0.150	01/08/2019	ND	7.06	118	6.00	0.968	
Total BTEX	<0.300	0.300	01/08/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.8	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	01/07/2019	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	01/07/2019	ND	199	99.5	200	0.929	
DRO >C10-C28*	<10.0	10.0	01/07/2019	ND	181	90.5	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	01/07/2019	ND					
Surrogate: 1-Chlorooctane	94.5	% 41-142							
Surrogate: 1-Chlorooctadecane	92.5	% 37.6-14	7						

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Received:	01/04/2019	Sampling Date:	12/27/2018
Reported:	01/10/2019	Sampling Type:	Soil
Project Name:	HARROUN 15-3 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 5 @ 4' (H900018-29)

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/08/2019	ND	2.27	113	2.00	0.864	
Toluene*	<0.050	0.050	01/08/2019	ND	2.32	116	2.00	1.15	
Ethylbenzene*	<0.050	0.050	01/08/2019	ND	2.29	115	2.00	0.271	
Total Xylenes*	<0.150	0.150	01/08/2019	ND	7.06	118	6.00	0.968	
Total BTEX	<0.300	0.300	01/08/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	73.3-12	9						
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	01/07/2019	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	01/07/2019	ND	199	99.5	200	0.929	
DRO >C10-C28*	<10.0	10.0	01/07/2019	ND	181	90.5	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	01/07/2019	ND					
Surrogate: 1-Chlorooctane	90.4	% 41-142	2						
Surrogate: 1-Chlorooctadecane	87.5	% 37.6-14	7						

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Received:	01/04/2019	Sampling Date:	12/27/2018
Reported:	01/10/2019	Sampling Type:	Soil
Project Name:	HARROUN 15-3 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 5 @ 5' (H900018-30)

BTEX 8021B	mg/	′kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/08/2019	ND	2.27	113	2.00	0.864	
Toluene*	<0.050	0.050	01/08/2019	ND	2.32	116	2.00	1.15	
Ethylbenzene*	<0.050	0.050	01/08/2019	ND	2.29	115	2.00	0.271	
Total Xylenes*	<0.150	0.150	01/08/2019	ND	7.06	118	6.00	0.968	
Total BTEX	<0.300	0.300	01/08/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	01/08/2019	ND	432	108	400	0.00	QR-03
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/07/2019	ND	199	99.5	200	0.929	QM-07, QR-03
DRO >C10-C28*	<10.0	10.0	01/07/2019	ND	181	90.5	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	01/07/2019	ND					
Surrogate: 1-Chlorooctane	92.5	% 41-142	,						
Surrogate: 1-Chlorooctadecane	89.2	% 37.6-14	7						

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Received:	01/04/2019	Sampling Date:	12/27/2018
Reported:	01/10/2019	Sampling Type:	Soil
Project Name:	HARROUN 15-3 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 6 @ SURFACE (H900018-31)

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/08/2019	ND	2.27	113	2.00	0.864	
Toluene*	<0.050	0.050	01/08/2019	ND	2.32	116	2.00	1.15	
Ethylbenzene*	<0.050	0.050	01/08/2019	ND	2.29	115	2.00	0.271	
Total Xylenes*	<0.150	0.150	01/08/2019	ND	7.06	118	6.00	0.968	
Total BTEX	<0.300	0.300	01/08/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.1	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3200	16.0	01/08/2019	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	01/08/2019	ND	189	94.7	200	2.54	
DRO >C10-C28*	996	10.0	01/08/2019	ND	177	88.4	200	2.34	QM-07
EXT DRO >C28-C36	317	10.0	01/08/2019	ND					
Surrogate: 1-Chlorooctane	82.9	% 41-142	2						
Surrogate: 1-Chlorooctadecane	120 9	37.6-14	7						

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Received:	01/04/2019	Sampling Date:	12/27/2018
Reported:	01/10/2019	Sampling Type:	Soil
Project Name:	HARROUN 15-3 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 6 @ 1' (H900018-32)

BTEX 8021B	mg	/kg	Analyze	d By: ms					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	01/08/2019	ND	2.27	113	2.00	0.864	
Toluene*	2.93	0.200	01/08/2019	ND	2.32	116	2.00	1.15	
Ethylbenzene*	3.54	0.200	01/08/2019	ND	2.29	115	2.00	0.271	
Total Xylenes*	18.0	0.600	01/08/2019	ND	7.06	118	6.00	0.968	
Total BTEX	24.5	1.20	01/08/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	131	% 73.3-12	9						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	01/08/2019	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	398	10.0	01/08/2019	ND	189	94.7	200	2.54	
DRO >C10-C28*	2810	10.0	01/08/2019	ND	177	88.4	200	2.34	
EXT DRO >C28-C36	559	10.0	01/08/2019	ND					
Surrogate: 1-Chlorooctane	113	% 41-142	2						
Surrogate: 1-Chlorooctadecane	161	% 37.6-14	7						

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Received:	01/04/2019	Sampling Date:	12/27/2018
Reported:	01/10/2019	Sampling Type:	Soil
Project Name:	HARROUN 15-3 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 6 @ 2' (H900018-33)

BTEX 8021B	mg,	/kg	Analyze	d By: ms					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.496	0.200	01/08/2019	ND	2.27	113	2.00	0.864	
Toluene*	8.60	0.200	01/08/2019	ND	2.32	116	2.00	1.15	
Ethylbenzene*	5.94	0.200	01/08/2019	ND	2.29	115	2.00	0.271	
Total Xylenes*	28.7	0.600	01/08/2019	ND	7.06	118	6.00	0.968	
Total BTEX	43.7	1.20	01/08/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	133	% 73.3-12	9						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	01/08/2019	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*	470	10.0	01/08/2019	ND	189	94.7	200	2.54	
DRO >C10-C28*	1880	10.0	01/08/2019	ND	177	88.4	200	2.34	
EXT DRO >C28-C36	351	10.0	01/08/2019	ND					
Surrogate: 1-Chlorooctane	108	% 41-142	2						
Surrogate: 1-Chlorooctadecane	128	% 37.6-14	7						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	01/04/2019	Sampling Date:	12/27/2018
Reported:	01/10/2019	Sampling Type:	Soil
Project Name:	HARROUN 15-3 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 6 @ 3' (H900018-34)

BTEX 8021B	mg	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.829	0.500	01/08/2019	ND	2.27	113	2.00	0.864	
Toluene*	22.1	0.500	01/08/2019	ND	2.32	116	2.00	1.15	
Ethylbenzene*	13.6	0.500	01/08/2019	ND	2.29	115	2.00	0.271	
Total Xylenes*	64.9	1.50	01/08/2019	ND	7.06	118	6.00	0.968	
Total BTEX	101	3.00	01/08/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	122	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	01/08/2019	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1300	10.0	01/08/2019	ND	189	94.7	200	2.54	
DRO >C10-C28*	4440	10.0	01/08/2019	ND	177	88.4	200	2.34	
EXT DRO >C28-C36	797	10.0	01/08/2019	ND					
Surrogate: 1-Chlorooctane	127	% 41-142	2						
Surrogate: 1-Chlorooctadecane	197	% 37.6-14	7						

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Received:	01/04/2019	Sampling Date:	12/27/2018
Reported:	01/10/2019	Sampling Type:	Soil
Project Name:	HARROUN 15-3 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 6 @ 4' (H900018-35)

BTEX 8021B	mg	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	01/08/2019	ND	2.27	113	2.00	0.864	
Toluene*	9.72	0.500	01/08/2019	ND	2.32	116	2.00	1.15	
Ethylbenzene*	8.72	0.500	01/08/2019	ND	2.29	115	2.00	0.271	
Total Xylenes*	44.4	1.50	01/08/2019	ND	7.06	118	6.00	0.968	
Total BTEX	62.9	3.00	01/08/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	121	% 73.3-12	9						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	01/08/2019	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	767	10.0	01/08/2019	ND	189	94.7	200	2.54	
DRO >C10-C28*	3720	10.0	01/08/2019	ND	177	88.4	200	2.34	
EXT DRO >C28-C36	752	10.0	01/08/2019	ND					
Surrogate: 1-Chlorooctane	126	% 41-142	2						
Surrogate: 1-Chlorooctadecane	183	% 37.6-14	7						

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Received:	01/04/2019	Sampling Date:	12/27/2018
Reported:	01/10/2019	Sampling Type:	Soil
Project Name:	HARROUN 15-3 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 6 @ 5' (H900018-36)

BTEX 8021B	mg	/kg	Analyze	d By: ms					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.221	0.200	01/08/2019	ND	2.27	113	2.00	0.864	
Toluene*	9.85	0.200	01/08/2019	ND	2.32	116	2.00	1.15	
Ethylbenzene*	10.8	0.200	01/08/2019	ND	2.29	115	2.00	0.271	
Total Xylenes*	47.9	0.600	01/08/2019	ND	7.06	118	6.00	0.968	
Total BTEX	68.8	1.20	01/08/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	148	% 73.3-12	9						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	01/08/2019	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	590	10.0	01/08/2019	ND	189	94.7	200	2.54	
DRO >C10-C28*	2680	10.0	01/08/2019	ND	177	88.4	200	2.34	
EXT DRO >C28-C36	558	10.0	01/08/2019	ND					
Surrogate: 1-Chlorooctane	119	% 41-142	2						
Surrogate: 1-Chlorooctadecane	157	% 37.6-14	7						

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Received:	01/04/2019	Sampling Date:	12/27/2018
Reported:	01/10/2019	Sampling Type:	Soil
Project Name:	HARROUN 15-3 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 6 @ 6' (H900018-37)

BTEX 8021B	mg/	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/08/2019	ND	2.27	113	2.00	0.864	
Toluene*	<0.050	0.050	01/08/2019	ND	2.32	116	2.00	1.15	
Ethylbenzene*	<0.050	0.050	01/08/2019	ND	2.29	115	2.00	0.271	
Total Xylenes*	<0.150	0.150	01/08/2019	ND	7.06	118	6.00	0.968	
Total BTEX	<0.300	0.300	01/08/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 73.3-12	9						
Chloride, SM4500CI-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	01/08/2019	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	01/08/2019	ND	189	94.7	200	2.54	
DRO >C10-C28*	61.9	10.0	01/08/2019	ND	177	88.4	200	2.34	
EXT DRO >C28-C36	81.7	10.0	01/08/2019	ND					
Surrogate: 1-Chlorooctane	86.7	% 41-142	,						
Surrogate: 1-Chlorooctadecane	81.3	% 37.6-14	7						

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Received:	01/04/2019	Sampling Date:	12/27/2018
Reported:	01/10/2019	Sampling Type:	Soil
Project Name:	HARROUN 15-3 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 6 @ 7' (H900018-38)

BTEX 8021B	mg/	′kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/08/2019	ND	2.27	113	2.00	0.864	
Toluene*	<0.050	0.050	01/08/2019	ND	2.32	116	2.00	1.15	
Ethylbenzene*	<0.050	0.050	01/08/2019	ND	2.29	115	2.00	0.271	
Total Xylenes*	<0.150	0.150	01/08/2019	ND	7.06	118	6.00	0.968	
Total BTEX	<0.300	0.300	01/08/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 73.3-12	9						
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	01/08/2019	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	01/08/2019	ND	189	94.7	200	2.54	
DRO >C10-C28*	<10.0	10.0	01/08/2019	ND	177	88.4	200	2.34	
EXT DRO >C28-C36	16.7	10.0	01/08/2019	ND					
Surrogate: 1-Chlorooctane	88.9	% 41-142	,						
Surrogate: 1-Chlorooctadecane	82.5	% 37.6-14	7						

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Received:	01/04/2019	Sampling Date:	12/27/2018
Reported:	01/10/2019	Sampling Type:	Soil
Project Name:	HARROUN 15-3 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 7 @ SURFACE (H900018-39)

BTEX 8021B	mg/	′kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/08/2019	ND	2.23	112	2.00	3.42	
Toluene*	0.577	0.050	01/08/2019	ND	2.30	115	2.00	2.57	
Ethylbenzene*	0.168	0.050	01/08/2019	ND	2.31	116	2.00	2.63	
Total Xylenes*	0.730	0.150	01/08/2019	ND	7.05	118	6.00	2.53	
Total BTEX	1.47	0.300	01/08/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3280	16.0	01/08/2019	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<50.0	50.0	01/08/2019	ND	189	94.7	200	2.54	
DRO >C10-C28*	3270	50.0	01/08/2019	ND	177	88.4	200	2.34	
EXT DRO >C28-C36	921	50.0	01/08/2019	ND					
Surrogate: 1-Chlorooctane	86.2	% 41-142	2						
Surrogate: 1-Chlorooctadecane	204 9	% 37.6-14	-						

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Received:	01/04/2019	Sampling Date:	12/27/2018
Reported:	01/10/2019	Sampling Type:	Soil
Project Name:	HARROUN 15-3 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 7 @ 1' (H900018-40)

BTEX 8021B	mg/	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/09/2019	ND	2.23	112	2.00	3.42	
Toluene*	0.053	0.050	01/09/2019	ND	2.30	115	2.00	2.57	
Ethylbenzene*	0.142	0.050	01/09/2019	ND	2.31	116	2.00	2.63	
Total Xylenes*	0.642	0.150	01/09/2019	ND	7.05	118	6.00	2.53	
Total BTEX	0.838	0.300	01/09/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3000	16.0	01/08/2019	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*	12.3	10.0	01/08/2019	ND	189	94.7	200	2.54	
DRO >C10-C28*	183	10.0	01/08/2019	ND	177	88.4	200	2.34	
EXT DRO >C28-C36	36.3	10.0	01/08/2019	ND					
Surrogate: 1-Chlorooctane	79.4	% 41-142	2						
Surrogate: 1-Chlorooctadecane	81.9	% 37.6-14	7						

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Received:	01/04/2019	Sampling Date:	12/27/2018
Reported:	01/10/2019	Sampling Type:	Soil
Project Name:	HARROUN 15-3 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 7 @ 2' (H900018-41)

BTEX 8021B	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/09/2019	ND	2.23	112	2.00	3.42	
Toluene*	<0.050	0.050	01/09/2019	ND	2.30	115	2.00	2.57	
Ethylbenzene*	<0.050	0.050	01/09/2019	ND	2.31	116	2.00	2.63	
Total Xylenes*	<0.150	0.150	01/09/2019	ND	7.05	118	6.00	2.53	
Total BTEX	<0.300	0.300	01/09/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2880	16.0	01/08/2019	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	01/08/2019	ND	189	94.7	200	2.54	
DRO >C10-C28*	14.4	10.0	01/08/2019	ND	177	88.4	200	2.34	
EXT DRO >C28-C36	<10.0	10.0	01/08/2019	ND					
Surrogate: 1-Chlorooctane	90.3	% 41-142	,						
Surrogate: 1-Chlorooctadecane	84.4	% 37.6-14	7						

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Received:	01/04/2019	Sampling Date:	12/27/2018
Reported:	01/10/2019	Sampling Type:	Soil
Project Name:	HARROUN 15-3 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 7 @ 3' (H900018-42)

BTEX 8021B	mg/	′kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/09/2019	ND	2.23	112	2.00	3.42	
Toluene*	<0.050	0.050	01/09/2019	ND	2.30	115	2.00	2.57	
Ethylbenzene*	<0.050	0.050	01/09/2019	ND	2.31	116	2.00	2.63	
Total Xylenes*	<0.150	0.150	01/09/2019	ND	7.05	118	6.00	2.53	
Total BTEX	<0.300	0.300	01/09/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.8	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3880	16.0	01/08/2019	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	01/08/2019	ND	189	94.7	200	2.54	
DRO >C10-C28*	19.2	10.0	01/08/2019	ND	177	88.4	200	2.34	
EXT DRO >C28-C36	<10.0	10.0	01/08/2019	ND					
Surrogate: 1-Chlorooctane	88.7	% 41-142	,						
Surrogate: 1-Chlorooctadecane	86.2	% 37.6-14	7						

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Received:	01/04/2019	Sampling Date:	12/27/2018
Reported:	01/10/2019	Sampling Type:	Soil
Project Name:	HARROUN 15-3 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 7 @ 4' (H900018-43)

BTEX 8021B	mg/	′kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/09/2019	ND	2.23	112	2.00	3.42	
Toluene*	0.082	0.050	01/09/2019	ND	2.30	115	2.00	2.57	
Ethylbenzene*	0.099	0.050	01/09/2019	ND	2.31	116	2.00	2.63	
Total Xylenes*	0.402	0.150	01/09/2019	ND	7.05	118	6.00	2.53	
Total BTEX	0.583	0.300	01/09/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2960	16.0	01/08/2019	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	01/08/2019	ND	189	94.7	200	2.54	
DRO >C10-C28*	93.4	10.0	01/08/2019	ND	177	88.4	200	2.34	
EXT DRO >C28-C36	<10.0	10.0	01/08/2019	ND					
Surrogate: 1-Chlorooctane	83.8	% 41-142							
Surrogate: 1-Chlorooctadecane	83.7	% 37.6-14	7						

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Received:	01/04/2019	Sampling Date:	12/27/2018
Reported:	01/10/2019	Sampling Type:	Soil
Project Name:	HARROUN 15-3 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 7 @ 5' (H900018-44)

BTEX 8021B	mg/	′kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/09/2019	ND	2.23	112	2.00	3.42	
Toluene*	0.061	0.050	01/09/2019	ND	2.30	115	2.00	2.57	
Ethylbenzene*	0.059	0.050	01/09/2019	ND	2.31	116	2.00	2.63	
Total Xylenes*	0.348	0.150	01/09/2019	ND	7.05	118	6.00	2.53	
Total BTEX	0.468	0.300	01/09/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.8	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1120	16.0	01/08/2019	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	01/08/2019	ND	189	94.7	200	2.54	
DRO >C10-C28*	<10.0	10.0	01/08/2019	ND	177	88.4	200	2.34	
EXT DRO >C28-C36	<10.0	10.0	01/08/2019	ND					
Surrogate: 1-Chlorooctane	80.4	% 41-142	,						
Surrogate: 1-Chlorooctadecane	77.5	% 37.6-14	7						

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Received:	01/04/2019	Sampling Date:	12/27/2018
Reported:	01/10/2019	Sampling Type:	Soil
Project Name:	HARROUN 15-3 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 7 @ 6' (H900018-45)

BTEX 8021B	mg/	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/09/2019	ND	2.23	112	2.00	3.42	
Toluene*	<0.050	0.050	01/09/2019	ND	2.30	115	2.00	2.57	
Ethylbenzene*	<0.050	0.050	01/09/2019	ND	2.31	116	2.00	2.63	
Total Xylenes*	<0.150	0.150	01/09/2019	ND	7.05	118	6.00	2.53	
Total BTEX	<0.300	0.300	01/09/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.3	% 73.3-12	9						
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	01/08/2019	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	01/08/2019	ND	189	94.7	200	2.54	
DRO >C10-C28*	<10.0	10.0	01/08/2019	ND	177	88.4	200	2.34	
EXT DRO >C28-C36	<10.0	10.0	01/08/2019	ND					
Surrogate: 1-Chlorooctane	72.6	% 41-142	,						
Surrogate: 1-Chlorooctadecane	69.7	% 37.6-14	7						

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Received:	01/04/2019	Sampling Date:	12/27/2018
Reported:	01/10/2019	Sampling Type:	Soil
Project Name:	HARROUN 15-3 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 7 @ 7' (H900018-46)

BTEX 8021B	mg/	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/09/2019	ND	2.23	112	2.00	3.42	
Toluene*	<0.050	0.050	01/09/2019	ND	2.30	115	2.00	2.57	
Ethylbenzene*	<0.050	0.050	01/09/2019	ND	2.31	116	2.00	2.63	
Total Xylenes*	<0.150	0.150	01/09/2019	ND	7.05	118	6.00	2.53	
Total BTEX	<0.300	0.300	01/09/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 73.3-12	9						
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	01/08/2019	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	01/08/2019	ND	189	94.7	200	2.54	
DRO >C10-C28*	<10.0	10.0	01/08/2019	ND	177	88.4	200	2.34	
EXT DRO >C28-C36	<10.0	10.0	01/08/2019	ND					
Surrogate: 1-Chlorooctane	70.5	% 41-142	,						
Surrogate: 1-Chlorooctadecane	67.3	% 37.6-14	7						

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Received:	01/04/2019	Sampling Date:	12/27/2018
Reported:	01/10/2019	Sampling Type:	Soil
Project Name:	HARROUN 15-3 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 8 @ SURFACE (H900018-47)

BTEX 8021B	mg/	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/09/2019	ND	2.23	112	2.00	3.42	
Toluene*	0.736	0.050	01/09/2019	ND	2.30	115	2.00	2.57	
Ethylbenzene*	0.248	0.050	01/09/2019	ND	2.31	116	2.00	2.63	
Total Xylenes*	1.14	0.150	01/09/2019	ND	7.05	118	6.00	2.53	
Total BTEX	2.12	0.300	01/09/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3560	16.0	01/08/2019	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<50.0	50.0	01/08/2019	ND	189	94.7	200	2.54	
DRO >C10-C28*	2700	50.0	01/08/2019	ND	177	88.4	200	2.34	
EXT DRO >C28-C36	658	50.0	01/08/2019	ND					
Surrogate: 1-Chlorooctane	89.8	% 41-142	2						
Surrogate: 1-Chlorooctadecane	204	% 37.6-14	7						

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Received:	01/04/2019	Sampling Date:	12/27/2018
Reported:	01/10/2019	Sampling Type:	Soil
Project Name:	HARROUN 15-3 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 8 @ 1' (H900018-48)

BTEX 8021B	mg	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/09/2019	ND	2.23	112	2.00	3.42	
Toluene*	0.099	0.050	01/09/2019	ND	2.30	115	2.00	2.57	
Ethylbenzene*	0.055	0.050	01/09/2019	ND	2.31	116	2.00	2.63	
Total Xylenes*	0.281	0.150	01/09/2019	ND	7.05	118	6.00	2.53	
Total BTEX	0.435	0.300	01/09/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.3	% 73.3-12	9						
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	01/08/2019	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	01/08/2019	ND	189	94.7	200	2.54	
DRO >C10-C28*	204	10.0	01/08/2019	ND	177	88.4	200	2.34	
EXT DRO >C28-C36	44.8	10.0	01/08/2019	ND					
Surrogate: 1-Chlorooctane	86.4	% 41-142	2						
Surrogate: 1-Chlorooctadecane	97.0	% 37.6-14	7						

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Received:	01/04/2019	Sampling Date:	12/27/2018
Reported:	01/10/2019	Sampling Type:	Soil
Project Name:	HARROUN 15-3 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 8 @ 2' (H900018-49)

BTEX 8021B	mg/	′kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/09/2019	ND	2.23	112	2.00	3.42	
Toluene*	<0.050	0.050	01/09/2019	ND	2.30	115	2.00	2.57	
Ethylbenzene*	<0.050	0.050	01/09/2019	ND	2.31	116	2.00	2.63	
Total Xylenes*	<0.150	0.150	01/09/2019	ND	7.05	118	6.00	2.53	
Total BTEX	<0.300	0.300	01/09/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7	% 73.3-12	9						
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	01/08/2019	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	01/08/2019	ND	189	94.7	200	2.54	
DRO >C10-C28*	<10.0	10.0	01/08/2019	ND	177	88.4	200	2.34	
EXT DRO >C28-C36	<10.0	10.0	01/08/2019	ND					
Surrogate: 1-Chlorooctane	85.5	% 41-142	,						
Surrogate: 1-Chlorooctadecane	81.4	% 37.6-14	7						

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Received:	01/04/2019	Sampling Date:	12/27/2018
Reported:	01/10/2019	Sampling Type:	Soil
Project Name:	HARROUN 15-3 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 8 @ 3' (H900018-50)

BTEX 8021B	mg/	′kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/09/2019	ND	2.23	112	2.00	3.42	
Toluene*	<0.050	0.050	01/09/2019	ND	2.30	115	2.00	2.57	
Ethylbenzene*	<0.050	0.050	01/09/2019	ND	2.31	116	2.00	2.63	
Total Xylenes*	<0.150	0.150	01/09/2019	ND	7.05	118	6.00	2.53	
Total BTEX	<0.300	0.300	01/09/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 73.3-12	9						
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	01/08/2019	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	01/08/2019	ND	189	94.7	200	2.54	
DRO >C10-C28*	<10.0	10.0	01/08/2019	ND	177	88.4	200	2.34	
EXT DRO >C28-C36	<10.0	10.0	01/08/2019	ND					
Surrogate: 1-Chlorooctane	82.4	% 41-142	,						
Surrogate: 1-Chlorooctadecane	77.6	% 37.6-14	7						

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Received:	01/04/2019	Sampling Date:	12/27/2018
Reported:	01/10/2019	Sampling Type:	Soil
Project Name:	HARROUN 15-3 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 9 @ SURFACE (H900018-51)

BTEX 8021B	mg,	′kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/09/2019	ND	2.23	112	2.00	3.42	
Toluene*	0.865	0.050	01/09/2019	ND	2.30	115	2.00	2.57	
Ethylbenzene*	0.280	0.050	01/09/2019	ND	2.31	116	2.00	2.63	
Total Xylenes*	1.54	0.150	01/09/2019	ND	7.05	118	6.00	2.53	
Total BTEX	2.68	0.300	01/09/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2920	16.0	01/08/2019	ND	416	104	400	0.00	
TPH 8015M	mg,	′kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<100	100	01/07/2019	ND	182	91.0	200	6.09	
DRO >C10-C28*	5310	100	01/07/2019	ND	192	95.9	200	5.67	QM-07, QR-03
EXT DRO >C28-C36	1170	100	01/07/2019	ND					
Surrogate: 1-Chlorooctane	111 9	% 41-142	2						
Surrogate: 1-Chlorooctadecane	271	% 37.6-14	7						

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Received:	01/04/2019	Sampling Date:	12/28/2018
Reported:	01/10/2019	Sampling Type:	Soil
Project Name:	HARROUN 15-3 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 9 @ 1' (H900018-52)

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/09/2019	ND	2.23	112	2.00	3.42	
Toluene*	<0.050	0.050	01/09/2019	ND	2.30	115	2.00	2.57	
Ethylbenzene*	0.108	0.050	01/09/2019	ND	2.31	116	2.00	2.63	
Total Xylenes*	<0.150	0.150	01/09/2019	ND	7.05	118	6.00	2.53	
Total BTEX	<0.300	0.300	01/09/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	73.3-12	9						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	01/08/2019	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*	10.7	10.0	01/07/2019	ND	182	91.0	200	6.09	
DRO >C10-C28*	1070	10.0	01/07/2019	ND	192	95.9	200	5.67	
EXT DRO >C28-C36	199	10.0	01/07/2019	ND					
Surrogate: 1-Chlorooctane	85.9	% 41-142							
Surrogate: 1-Chlorooctadecane	121 9	37.6-14	7						

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Received:	01/04/2019	Sampling Date:	12/28/2018
Reported:	01/10/2019	Sampling Type:	Soil
Project Name:	HARROUN 15-3 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 9 @ 2' (H900018-53)

BTEX 8021B	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/09/2019	ND	2.23	112	2.00	3.42	
Toluene*	<0.050	0.050	01/09/2019	ND	2.30	115	2.00	2.57	
Ethylbenzene*	<0.050	0.050	01/09/2019	ND	2.31	116	2.00	2.63	
Total Xylenes*	<0.150	0.150	01/09/2019	ND	7.05	118	6.00	2.53	
Total BTEX	<0.300	0.300	01/09/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.8	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	01/08/2019	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	01/07/2019	ND	182	91.0	200	6.09	
DRO >C10-C28*	78.6	10.0	01/07/2019	ND	192	95.9	200	5.67	
EXT DRO >C28-C36	23.4	10.0	01/07/2019	ND					
Surrogate: 1-Chlorooctane	89.9	% 41-142	2						
Surrogate: 1-Chlorooctadecane	97.5	% 37.6-14	7						

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Received:	01/04/2019	Sampling Date:	12/28/2018
Reported:	01/10/2019	Sampling Type:	Soil
Project Name:	HARROUN 15-3 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 9 @ 3' (H900018-54)

BTEX 8021B	mg/	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/09/2019	ND	2.23	112	2.00	3.42	
Toluene*	<0.050	0.050	01/09/2019	ND	2.30	115	2.00	2.57	
Ethylbenzene*	<0.050	0.050	01/09/2019	ND	2.31	116	2.00	2.63	
Total Xylenes*	<0.150	0.150	01/09/2019	ND	7.05	118	6.00	2.53	
Total BTEX	<0.300	0.300	01/09/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.0	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	01/08/2019	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	01/07/2019	ND	182	91.0	200	6.09	
DRO >C10-C28*	<10.0	10.0	01/07/2019	ND	192	95.9	200	5.67	
EXT DRO >C28-C36	<10.0	10.0	01/07/2019	ND					
Surrogate: 1-Chlorooctane	91.0	% 41-142	2						
Surrogate: 1-Chlorooctadecane	91.6	% 37.6-14	7						

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Received:	01/04/2019	Sampling Date:	12/28/2018
Reported:	01/10/2019	Sampling Type:	Soil
Project Name:	HARROUN 15-3 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 10 @ SURFACE (H900018-55)

BTEX 8021B	mg/	'kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/09/2019	ND	2.23	112	2.00	3.42	
Toluene*	<0.050	0.050	01/09/2019	ND	2.30	115	2.00	2.57	
Ethylbenzene*	<0.050	0.050	01/09/2019	ND	2.31	116	2.00	2.63	
Total Xylenes*	<0.150	0.150	01/09/2019	ND	7.05	118	6.00	2.53	
Total BTEX	<0.300	0.300	01/09/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	73.3-12	9						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3120	16.0	01/08/2019	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	01/07/2019	ND	182	91.0	200	6.09	
DRO >C10-C28*	812	10.0	01/07/2019	ND	192	95.9	200	5.67	
EXT DRO >C28-C36	203	10.0	01/07/2019	ND					
Surrogate: 1-Chlorooctane	90.7	% 41-142	2						
Surrogate: 1-Chlorooctadecane	118 9	37.6-14	7						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	01/04/2019	Sampling Date:	12/28/2018
Reported:	01/10/2019	Sampling Type:	Soil
Project Name:	HARROUN 15-3 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 10 @ 1' (H900018-56)

BTEX 8021B	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/09/2019	ND	2.23	112	2.00	3.42	
Toluene*	<0.050	0.050	01/09/2019	ND	2.30	115	2.00	2.57	
Ethylbenzene*	0.081	0.050	01/09/2019	ND	2.31	116	2.00	2.63	
Total Xylenes*	<0.150	0.150	01/09/2019	ND	7.05	118	6.00	2.53	
Total BTEX	<0.300	0.300	01/09/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	01/08/2019	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	01/07/2019	ND	182	91.0	200	6.09	
DRO >C10-C28*	744	10.0	01/07/2019	ND	192	95.9	200	5.67	
EXT DRO >C28-C36	94.6	10.0	01/07/2019	ND					
Surrogate: 1-Chlorooctane	93.5	% 41-142	2						
Surrogate: 1-Chlorooctadecane	121	% 37.6-14	7						

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Received:	01/04/2019	Sampling Date:	12/28/2018
Reported:	01/10/2019	Sampling Type:	Soil
Project Name:	HARROUN 15-3 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 10 @ 2' (H900018-57)

BTEX 8021B	mg/	'kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/09/2019	ND	2.23	112	2.00	3.42	
Toluene*	<0.050	0.050	01/09/2019	ND	2.30	115	2.00	2.57	
Ethylbenzene*	<0.050	0.050	01/09/2019	ND	2.31	116	2.00	2.63	
Total Xylenes*	<0.150	0.150	01/09/2019	ND	7.05	118	6.00	2.53	
Total BTEX	<0.300	0.300	01/09/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.3	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	01/08/2019	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	01/07/2019	ND	182	91.0	200	6.09	
DRO >C10-C28*	31.7	10.0	01/07/2019	ND	192	95.9	200	5.67	
EXT DRO >C28-C36	16.1	10.0	01/07/2019	ND					
Surrogate: 1-Chlorooctane	93.6	% 41-142	2						
Surrogate: 1-Chlorooctadecane	98.6	% 37.6-14	7						

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Received:	01/04/2019	Sampling Date:	12/28/2018
Reported:	01/10/2019	Sampling Type:	Soil
Project Name:	HARROUN 15-3 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SP 10 @ 3' (H900018-58)

BTEX 8021B	mg/	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/09/2019	ND	2.23	112	2.00	3.42	
Toluene*	<0.050	0.050	01/09/2019	ND	2.30	115	2.00	2.57	
Ethylbenzene*	<0.050	0.050	01/09/2019	ND	2.31	116	2.00	2.63	
Total Xylenes*	<0.150	0.150	01/09/2019	ND	7.05	118	6.00	2.53	
Total BTEX	<0.300	0.300	01/09/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0	% 73.3-12	9						
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	01/08/2019	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	01/07/2019	ND	182	91.0	200	6.09	
DRO >C10-C28*	<10.0	10.0	01/07/2019	ND	192	95.9	200	5.67	
EXT DRO >C28-C36	<10.0	10.0	01/07/2019	ND					
Surrogate: 1-Chlorooctane	91.9	% 41-142	2						
Surrogate: 1-Chlorooctadecane	95.0	% 37.6-14	7						

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Received:	01/04/2019	Sampling Date:	12/28/2018
Reported:	01/10/2019	Sampling Type:	Soil
Project Name:	HARROUN 15-3 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: NORTH @ SURFACE (H900018-59)

BTEX 8021B	mg/	'kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/09/2019	ND	2.18	109	2.00	1.06	
Toluene*	<0.050	0.050	01/09/2019	ND	2.28	114	2.00	1.01	
Ethylbenzene*	<0.050	0.050	01/09/2019	ND	2.27	114	2.00	1.29	
Total Xylenes*	<0.150	0.150	01/09/2019	ND	6.90	115	6.00	0.804	
Total BTEX	<0.300	0.300	01/09/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.6	% 73.3-12	9						
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	01/08/2019	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	01/07/2019	ND	182	91.0	200	6.09	
DRO >C10-C28*	<10.0	10.0	01/07/2019	ND	192	95.9	200	5.67	
EXT DRO >C28-C36	<10.0	10.0	01/07/2019	ND					
Surrogate: 1-Chlorooctane	71.4	% 41-142	,						
Surrogate: 1-Chlorooctadecane	67.5	% 37.6-14	7						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	01/04/2019	Sampling Date:	12/28/2018
Reported:	01/10/2019	Sampling Type:	Soil
Project Name:	HARROUN 15-3 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: EAST @ SURFACE (H900018-60)

BTEX 8021B	mg/	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/09/2019	ND	2.18	109	2.00	1.06	
Toluene*	<0.050	0.050	01/09/2019	ND	2.28	114	2.00	1.01	
Ethylbenzene*	<0.050	0.050	01/09/2019	ND	2.27	114	2.00	1.29	
Total Xylenes*	<0.150	0.150	01/09/2019	ND	6.90	115	6.00	0.804	
Total BTEX	<0.300	0.300	01/09/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.1	% 73.3-12	9						
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	01/08/2019	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	01/07/2019	ND	182	91.0	200	6.09	
DRO >C10-C28*	<10.0	10.0	01/07/2019	ND	192	95.9	200	5.67	
EXT DRO >C28-C36	<10.0	10.0	01/07/2019	ND					
Surrogate: 1-Chlorooctane	69.3	% 41-142	,						
Surrogate: 1-Chlorooctadecane	68.3	% 37.6-14	7						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	01/04/2019	Sampling Date:	12/28/2018
Reported:	01/10/2019	Sampling Type:	Soil
Project Name:	HARROUN 15-3 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: WEST @ SURFACE (H900018-61)

BTEX 8021B	mg/	′kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/09/2019	ND	2.18	109	2.00	1.06	
Toluene*	<0.050	0.050	01/09/2019	ND	2.28	114	2.00	1.01	
Ethylbenzene*	<0.050	0.050	01/09/2019	ND	2.27	114	2.00	1.29	
Total Xylenes*	<0.150	0.150	01/09/2019	ND	6.90	115	6.00	0.804	
Total BTEX	<0.300	0.300	01/09/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.7	% 73.3-12	9						
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	01/08/2019	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	01/07/2019	ND	182	91.0	200	6.09	
DRO >C10-C28*	<10.0	10.0	01/07/2019	ND	192	95.9	200	5.67	
EXT DRO >C28-C36	<10.0	10.0	01/07/2019	ND					
Surrogate: 1-Chlorooctane	74.9	% 41-142	,						
Surrogate: 1-Chlorooctadecane	73.4	% 37.6-14	7						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	01/04/2019	Sampling Date:	12/28/2018
Reported:	01/10/2019	Sampling Type:	Soil
Project Name:	HARROUN 15-3 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SOUTH @ SURFACE (H900018-62)

BTEX 8021B	mg/	′kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/09/2019	ND	2.18	109	2.00	1.06	
Toluene*	<0.050	0.050	01/09/2019	ND	2.28	114	2.00	1.01	
Ethylbenzene*	<0.050	0.050	01/09/2019	ND	2.27	114	2.00	1.29	
Total Xylenes*	<0.150	0.150	01/09/2019	ND	6.90	115	6.00	0.804	
Total BTEX	<0.300	0.300	01/09/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.7	% 73.3-12	9						
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	01/08/2019	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	01/07/2019	ND	182	91.0	200	6.09	
DRO >C10-C28*	<10.0	10.0	01/07/2019	ND	192	95.9	200	5.67	
EXT DRO >C28-C36	<10.0	10.0	01/07/2019	ND					
Surrogate: 1-Chlorooctane	88.8	% 41-142							
Surrogate: 1-Chlorooctadecane	86.5	% 37.6-14	7						

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Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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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Celey D. Keene, Lab Director/Quality Manager



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

	BBC International, Inc.						BI	LL TO					A	NAL	YSIS	REC	QUES	т		
Project Manage	r: Cliff Brunson					P.O.	#:													-
Address: P.O.	. Box 805					Com	pany: ()XY			1.12									
City: Hobbs	State: NM	Zip:	882	41		Attn:	We	le Dit	trich		0									
Phone #: 575-	397-6388 Fax #: 57	5-397-	0397	7		Addr	ess:			1	nded									
Project #:	Project Own	er: Oxy	1			City:	1			1	1 mil									
	Harroun 15-3 CTB					State	e:	Zip:			t									ľ
Project Location						Phor	ne #:		50 C		N						- 1			ľ
Sampler Name:	Jeff Ornelas					Fax	#:				-0									ľ
FOR LAB USE ONLY				MATR	IX	P	RESERV.	SAMPL	ING	1										
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	GROUNDWATER	WASTEWATER SOIL	SLUDGE	OTHER : ACID/BASE	ICE / COOL OTHER :	DATE	TIME	BTEX	TPA	17								
1	SP1 @ SURFACE		ι				1	12-24-18	11:58 AM	\checkmark	1	\checkmark			Ì	Ì			Í	
Z	SP1 @ 1'	G		1			~	12-24-18	12:58 PM	\checkmark	\checkmark	1								
3	SP1 @ 2'	11					1	12-24-18	1:39 PM	1	1	1								
4	SP1 @ 3'		1	1			/	12-24-18	2:15 PM	\checkmark	\checkmark	\checkmark								
S	SP1 @ 4'		l	1			1	12-26-18	9:19 AM	\checkmark	1	\checkmark								
6	SP1 @ 5		ı	1			1	12-26-18	9:33 AM	1	\checkmark	\checkmark								
1	SP2 @ SURFACE		1	V			1	12-26-18	9:45 AM	\checkmark	\checkmark	\checkmark								
8	SP2 @ 1'		1	~			1	12-26-18	9:58 AM	\checkmark	1	\checkmark								
9	SP2 @ 2'			V			~	12-26-18	10:15 AM	\checkmark	\checkmark	1								
10	SP2 @ 3'	1		1				12-26-18	10:39 AM	1	1	1								
analyses. All claims includi service. In no event shall C	Ind Damages. Cardinal's liability and client's exclusive remedy 1 ing those for negligence and any other cause whatsoever shall ardinal be liable for incidental or consequental damages, inclu- ing out of or related to the performance of services hereunder by y: Date: 7/3/15	be deerned w ling without li y Cardinal, re	aived unl mitation, I	less made in w business interr of whether suc	iting and uptions, I	received	d by Cardinal se, or loss of p	within 30 days aft rofits incurred by	er completion of the client, its subsidiated	he applica aries, se. Sult:	Die Ve:			Add'l Pl Add'l Fa		:				
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† Cardinal	cannot accept verbal changes. Plea	se fax v	vritter	n change	s to	505-3	93-2476													

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

Company Name	BBC International, Inc.										E	311	L TO			_			ANA	LYSI	S RE	QUE	ST	 	-
	r: Cliff Brunson								P.0). #:		-th-objid	CONTRACTOR IN A CONTRACT										<u> </u>		
Address: P.O	. Box 805								Co	mpa	anv:	(Jan		1										
city: Hobbs		: NM	Zip	: 8	3824	41		8	Att	n:	L.).	Day Ditt	rich											
Phone #: 575-	The Course of the Course of the Course	575-	-						Ad	dres	ss:		10 000			1									
Project #:	Projec	t Owner	0	ху					Cit	y:					1	10								'	
Project Name:	Harroun 15-3 CTB								Sta	te:			Zip:			04									
Project Locatio									Ph	one	#:				1	9									
Sampler Name:	Jeff Ornelas								Fax	x #:					1	4								'	
FOR LAB USE ONLY						M.	ATR	X		PRE	SEF	₹V.	SAMPLI	NG		C	È.								
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analyses. All claims includ	ing those for negligence and any other cause whatso Cardinal be liable for incidental or consequental dama	ever shall be d	eemee	d waiv	ed unle	ss mad	e in wr	ting and	d rece	ved by	/ Cardi	nal wi	ithin 30 days afte	r completion of t	he applica	ble									
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Delivered By	: (Circle Øne)	100		~		Samp	le Co	ondit	ion	ier.	CHE	CK	ED BY:												

(Initials)

TO

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

Received by OCD: 4/5/2023 9:58:47 AM

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

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

Company Name: BBC International,	nc.							BII	LL TO						ANAL	YSIS	RE	QUES	ST			
Project Manager: Cliff Brunson						P.0	. #:															
Address: P.O. Box 805						Con	npan	y: () XV													
City: Hobbs	State: NM	Zip:	88241	1		Attr			Otte	ich	1											
Phone #: 575-397-6388 Fa	ax #: 575-	397-0	397			Add	Iress	9				0										
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Project Name: Harroun 15-3 CTB						Stat	te:		Zip:			pu										
Project Location:						Pho	ne #:					10										
Sampler Name: Jeff Ornelas				5		Fax	#:					t										
FOR LAB USE ONLY				MATE	RIX	F	PRES	ERV.	SAMPL	ING		a	•									
Lab I.D. Sample I.D.		G(G)RAB OR (C)OMP + CONTAINERS	GROUNDWATER WASTEWATER	Soll	OIL	OTHER :	ACID/BASE: ICE / COOL	OTHER :	DATE	ТІМЕ	BTEX	TPH 3	1 /									
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22 SP4 @ 3'		īi		1			1		12-26-18	ALMONG A STOCK MANUT	\checkmark	\checkmark	1									
23 SP4 @ 4'									12-26-18	2:30 PM	1	1	1									
24 SP4 @ 5'									12-26-18	2:50 PM	\checkmark	\checkmark	\checkmark									
25 SP5 @ SURFACE									12-26-18	2:55 PM	1	1	1									
Z4 SP5 @ 1'				1					12-26-18	2:59 PM	1	\checkmark	1									
27 SP5 @ 2'									12-27-18	9:33 AM	\checkmark	\checkmark	\checkmark									
28 SP5 @ 3'									12-27-18	9:51 AM	1	1	1									
29 SP5 @ 4'									12-27-18	10:11 AM	\checkmark	\checkmark	\checkmark									
30 SP5 @ 5'		1 1		1			4		12-27-18	10:33 AM	1	1	~							No		-
Jeff Onnelas T Relinquished By:	whatsoever shall be d al damages, including vices hereunder by Cc ate: 13/15 ime: 5: Np ate: 4-19 ime: 14:55 1.1c	eemed waitwithout limi ardinal, regardinal, r Regardinal, regardinal, regardin	ved unless tation, busis ardless of w ived By ived By ived By Sa Co	made in w ness inter whether su y: y: y: mple C bol In Yes No	writing ar ruptions ch claim	ind receiver, loss of units based	ed by Ca use, or lo d upon ar CF	rdinal w ss of pr ny of the lECK (Init	within 30 days after rofits incurred by e above stated re	er completion of t client, its subsidia	he applical aries, se. Sult: It:	□ Ye □ Ye □ Ye		No No	Add'l I Add'l I	Phone # Fax #:	¥:					
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(505) 393-2326 FAX (505) 393-2476

	BBC International, Inc.					A CONTRACTOR OF		B	ILL TO						ANAL	YSIS	RE	QUES	ST		
Project Manage	r: Cliff Brunson					F	P.O. #	ŧ:													
Address: P.O.	. Box 805					c	Comp	any:	Day												
city: Hobbs	State: NM	Zip:	88	241		A	Attn:	W.	Dit	trick											
Phone #: 575-3	397-6388 Fax #: 575	-397-	039	97		A	ddre	ess:				Jes c	Ī								
Project #:	Project Owne	r: Oxy	1			c	City:					Le									
Project Name:	Harroun 15-3 CTB					s	State		Zip:			0									
Project Location						F	hon	e #:			1	4									
Sampler Name:						F	ax #	;				X									
FOR LAB USE ONLY				M	ATRI	< ^	PF	RESERV	SAMP	ING		ŝ									
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31	SP6 @ 5'		+		\vdash		+			3 11:52 AM		√	1		_						
36	SP6 @ 6'	Ħ							-	3 12:12 PM		1	1								
38	SP6 @ 7'		11						12-27-1	3 12:44 PM	1	1	1								
39	SP7 @ SURFACE		Π	1					12-27-1	12:59 PM	1	1	1								
40	SP7 @ 1'	1	1		ł			4	12-27-18		1	1	1								
analyses. All claims includi	and Damages. Cardinal's liability and client's exclusive remedy for ing those for negligence and any other cause whatsoever shall be	deemed w	vaived u	unless mad	le in writ	ng and re	eceived	by Cardina	l within 30 days a	fter completion of t	the applica	ble									
affiliates or successors aris	Cardinal be liable for incidental or consequental damages, includin sing out of or related to the performance of services hereunder by																				
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				Cool	Inta es	act	2.91		itials)												
Sampler - UPS	- Bus - Other: 1.10	the	37		No		7	2													
† Cardinal	cannot accept verbal changes. Pleas	e fax v	writte	en cha	inges	to 5	05-39	3-247	6												

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

Company Name	BBC International, Inc.								E	3//	LL TO						ANAI	LYSIS	S RE	QUE	ST		
Project Manage	r: Cliff Brunson							P.O.	#:														
Address: P.O.	. Box 805							Com	pany:	C	Dry												
City: Hobbs	Stat	e: NM	Zip:	8	8241			Attn:	W	. 4	Otto	rich											
Phone #: 575-	397-6388 Fax #	t: 575	-397	7-03	397			Addr	ess:					~									
Project #:	Proje	ct Owner	r: Ox	кy				City:						0									
Project Name:	Harroun 15-3 CTB							State	:		Zip:			a									
Project Location								Phor	ne #:					er all									
Sampler Name:	Jeff Ornelas							Fax #	#:					te									
FOR LAB USE ONLY						ATR	IX	PI	RESER	RV.	SAMPL	ING		Y									
Lab I.D.	Sample I.D.		C (C)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER WASTEWATER	_	SLUDGE	OTHER : ACID/RASE·	ICE / COOL	OTHER :			BTEX	TPN E	21								
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43	SP7 @ 4'						-	_				1:58 PM	\checkmark	1	1								
1	SP7 @ 5'		1				-			_	12-27-18	and the second second second	\checkmark	\checkmark	\checkmark								
45	SP7 @ 6'			+			-			_	12-27-18		1	V	1			-				 	
46	SP7 @ 7'			Щ		1				_	12-27-18	-	1	~	V							 	
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49	SP8 @ 2'		\square				_			_	12-27-18		1	1	V							 	1
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analyses. All claims includ service. In no event shall C affiliates or successors aris	ling those for negligence and any other cause what Cardinal be liable for incidental or consequental dar sing out of or related to the performance of services	soever shall be mages, including s hereunder by C	deemed g withou Cardinal,	l waive t limita , regar	ed unless ma ation, busine rdless of whe	ide in wi	iting and uptions, I	received	d by Cardin e, or loss	nal w of pr	vithin 30 days aft rofits incurred by	er completion of t client, its subsidi easons or otherwi	he applica aries, se.				1		8				
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0.02%	r: (Circle One) - Bus - Other:	1.10	#	69-	Coo	i In Yes [5	(I	Initi	ED BY: ials)						_						
† Cardinal	cannot accept verbal change	es. Pleas	e fax	wri	itten ch	ange	s to :	505-3	93-24	76													

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

Company Name	BBC International, Inc.	•								BI	LL TO					1	ANAL	YSIS	RE	QUE	ST		
Project Manage	r: Cliff Brunson							P.0	. #:									*					
Address: P.O.	Box 805							Cor	npar	ну: (DALI												
city: Hobbs	Stat	te: NM	Zip:	88	241			Attr	n: 1	N.	Ditt	nech											
Phone #: 575-3	397-6388 Fax #	#: 575·	-397	-039	97			Add	dress	s:				7									
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Project Name:	Harroun 15-3 CTB							Sta	te:		Zip:			201									
Project Location	n:							Pho	one #	! :				10									
Sampler Name:	Jeff Ornelas							Fax	: #:					1×									
FOR LAB USE ONLY					_	MATE	RIX		PRES	SERV.	SAMPL	ING		C	•								
Lab I.D.	Sample I.D.		(G)RAB OR (C)OMP	# CONTAINERS	WASTEWATER	JIL	OIL	THER :	ACID/BASE:	OTHER :	DATE	THE	BT2×	TPH 8	۵/								
H900018	SP9 @ SURFACE			# (5 3	S	o IS	Ö	¥ 4	2 0	DATE 12-27-18	TIME		1	1								 C
SZ	SP9 @ 1'		Ģ			1			_	-	12-27-18	COMPANY INTERNE	×	1	×								
06	SP9 @ 2'		\mathbb{H}	+	+-	+			_			10:15 AM	V /	▼	× ./								
54	SP9 @ 3'		H	t	-		_					10:30 AM		1	1							-	
55	SP10 @ SURFACE				-						Contract (Conc)	10:41 PM		1	1								
56	SP10 @ 1'		Ħ	+								11:11 AM		1	1								
57	SP10 @ 2'		Ш								12-28-18	11:33 AM	1	\checkmark	\checkmark								
58	SP10 @ 3'		П	Π							12-28-18	12:12 PM	1	1	1								
59	NORTH @ SURFACE										12-28-18	12:49 PM	1	\checkmark	1								
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analyses. All claims includi service. In no event shall C affiliates or successors arisi Relinquished B	Onnelas Time	tsoever shall be mages, including shereunder by C //3//5	deemed 9 without Cardinal,	waived limitatic regardle	unless m n, busine	ade in v ess inter ether su	vriting ar ruptions	nd receiv , loss of	red by C use, or	Cardinal v loss of p	vithin 30 days aft rofits incurred by	er completion of t client, its subsidia	he applica aries, se. sult: lt:	ble □ Ye □ Ye		No No	Add'l I Add'l I	Phone = Fax #:	#:				
Relinquished B <u>Har</u> Delivered By Sampler - UPS	y: Date: Time Time (Circle One) - Bus - Other:	4-19 4:55 1.1c	#	10		ple C Ves No	- Ye	es lo	7	(Init	ED BY.	2											
† Cardinal	cannot accept verbal change	es. Please	e fax	writt	en ch				393-	2476													

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Received by OCD: 4/5/2023 9:58:47 AM

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name	BBC International,	Inc.						1			BI	LL TO						ANA	LYSI	S RE	QUE	ST		
Project Manage	r: Cliff Brunson								P.0	. #:													e —	
Address: P.O.	. Box 805								Con	npar	ıy:	ORY												
city: Hobbs		State: NM	Zip	: 8	8824	1			Attr	n: [در	Ditt	ich				- 3							
Phone #: 575-	397-6388 F	ax #: 575	-39	7-0	397				Add	Ires	s:				7									
Project #:	F	Project Owner	. 0	ху					City	::					10 m	1								
Project Name:	Harroun 15-3 CTB								Stat	te:		Zip:			x tende									
Project Location	n:								Pho	one #	<i>ŧ</i> :				1									
Sampler Name:	Jeff Ornelas								Fax	#:				1	K				8					
FOR LAB USE ONLY						MA	TRIX			PRES	SERV.	SAMPL	ING	1	\mathbb{C}									
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PLEASE NOTE: Liability a	nd Damages. Cardinal's liability and client's	exclusive remedy for a	any clai	m arisi	ng whet	her base	ed in co	ntract o	or tort	shall b	e limited	to the amount na	id by the client fo	r the										
analyses. All claims includi	ing those for negligence and any other caus Cardinal be liable for incidental or consequen	e whatsoever shall be	deeme	d waiv	ed unles	s made	in writin	ng and	receiv	ed by C	Cardinal v	vithin 30 days af	er completion of t	he applica	ble									
affiliates or successors aris Relinguished B	ing out of or related to the performance of s	ervices hereunder by C Date: 7	ardina	l, rega	ved E	fwhethe	r such o	claim is	based	d upon	any of th	e above stated r	Phone Re	se.	□ Ye	s 🗆	No	I'bbA	Phone	#:				
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Sampler - UPS	- Bus - Other:	1.10 i	#	77			sП	Yes		1		, ,												

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

7 of 7

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	204424
	Action Type:
	[IM-SD] Incident File Support Doc (ENV) (IM-BNF)

CONDITIONS

CONDIT		
Created By	Condition	Condition Date
bhall	This report will be accepted as a delineation report only. REMEDIATION PLAN IS DENIED. Remediation must comply with 19.15.29 NMAC (effective 8/14/2018). OCD has this site status as "Plugged, Not released". Remediation must also comply with 19.15.29.13 NMAC.	4/5/2023
bhall	Depth to groundwater will need to be confirmed prior to submitting a request for closure.	4/5/2023
bhall	Submit a complete report through the OCD Permitting website by 7/5/2023.	4/5/2023
bhall	2RP-4903 closed. Refer to incident #NAB1822157193 in all future correspondence.	4/5/2023

CONDITIONS

Action 204424