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DELINEATION/REMEDATION WORKPLAN

OXY – PROXIMITY 31 FED #4 SWD (Leak Date: 7/16/21)

Incident Reference #: NAPP2118765970

This delineation workplan and remediation proposal addresses the releases associated with Incident Reference #: NAPP2118765970.

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).
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 (YELLOW shade on diagram) will be excavated to a depth of 7 feet. The leak area near SP2 – SP4 and SP11 (GREEN shade on diagram) will be excavated to a depth of 5 feet. The leak area near SP5 and SP7 (BLUE shade on diagram) will be excavated to a depth of 3 feet. The leak area near SP6 (WHITE shade on diagram) will be excavated to a depth of 1 foot. The leak area near SP8 – SP10 and SP12 – SP15 (PURPLE shade on diagram) will be excavated to a depth of 4 feet.

OXY will collect sidewall and bottom confirmation samples every 200 square feet. The estimated amount of soil to be excavated is 5744 cubic yards. The remediation will be completed within 90 days of 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.

Form C-141

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State of New Mexico
Oil Conservation Division

Incident ID	nAPP2116655568
District RP	
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?	28 (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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 ½-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.

Form C-141

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	nAPP2116655568
District RP	
Facility ID	
Application ID	

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Wade Dittrich Title: Environmental CoordinatorSignature:  Date: 10-26-21email: wade_dittrich@oxy.com Telephone: (575) 390-2828**OCD Only**

Received by: _____ Date: _____

Form C-141

State of New Mexico
Oil Conservation Division

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Incident ID	nAPP2116655568
District RP	
Facility ID	
Application ID	

Remediation Plan


Remediation Plan Checklist: Each of the following items must be 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 timeline is more than 90 days OCD approval is required)

Deferral Requests Only: Each of the following items must be confirmed as part of any request for deferral of remediation.

- ☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ 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 to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Wade Dittrich Title: Environmental Coordinator
Signature:  Date: 10-26-21
email: wade_dittrich@oxy.com Telephone: (575) 390-2828

OCD OnlyReceived by: Chad Hensley Date: 02/22/2022☒ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral ApprovedSignature:  Date: 02/22/2022

PROXIMITY 31 FED #4 SWD

LEAK DATE 7/16/21
ID# nAPP2118765970
LEACO, NM

Legend

13-JUL-21

1FT

3FT

4FT

5FT

7FT

Google Earth



300 ft

OXY, PROXIMITY 31 FED #4 SWD

7/16/21

INITIAL GPS SAMPLE POINTS

SP N	N32.355276	W103.711115
SP E	N32.354336	W103.710955
SP W	N32.354516	W103.711391
SP S	N32.353183	W103.711039
SP1	N32.355125	W103.711081
SP2	N32.354727	W103.711195
SP3	N32.354428	W103.711233
SP4	N32.354965	W103.711087
SP5	N32.354508	W103.711094
SP6	N32.354067	W103.711225
SP7	N32.353881	W103.711113
SP8	N32.353778	W103.711064
SP9	N32.353696	W103.711033
SP10	N32.353635	W103.711110
SP11	N32.353561	W103.711047
SP12	N32.353462	W103.711007
SP13	N32.353758	W103.711306
SP14	N32.353753	W103.711543
SP15	N32.353361	W103.711016

USGS Groundwater for New Mexico: Water Levels -- 1 sites

Page 1 of 2



USGS Home
Contact USGS
Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category: Geographic Area:

Click to hide News Bulletins

- Explore the [NEW USGS National Water Dashboard](#) interactive map to access real-time water data from over 13,500 stations nationwide.
- [Full News](#)

Groundwater levels for New Mexico

Click to hide state-specific text

Important: [Next Generation Monitoring Location Page](#)

Search Results -- 1 sites found

Agency code = usgs

site_no list =

- 322314103383601

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

USGS 322314103383601 22S.32E.14.32422

Lea County, New Mexico

Latitude 32°23'14", Longitude 103°38'36" NAD27

Land-surface elevation 3,740 feet above NAVD88

The depth of the well is 380 feet below land surface.

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Santa Rosa Sandstone (231SNRS) local aquifer.

Output formats

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

Date	Time	Water-level date-time accuracy	Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	Status	Method of measurement	Measuring agency	Source of measurement
1972-09-13		D	62610		3367.92	NGVD29	1		Z	
1972-09-13		D	62611		3369.60	NAVD88	1		Z	
1972-09-13		D	72019	370.40			1		Z	

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	Z	Other
Measuring agency		Not determined

USGS Groundwater for New Mexico: Water Levels -- 1 sites

Section	Code	Description
Source of measurement		Not determined
Water-level approval status	A	Approved for publication -- Processing and review completed.

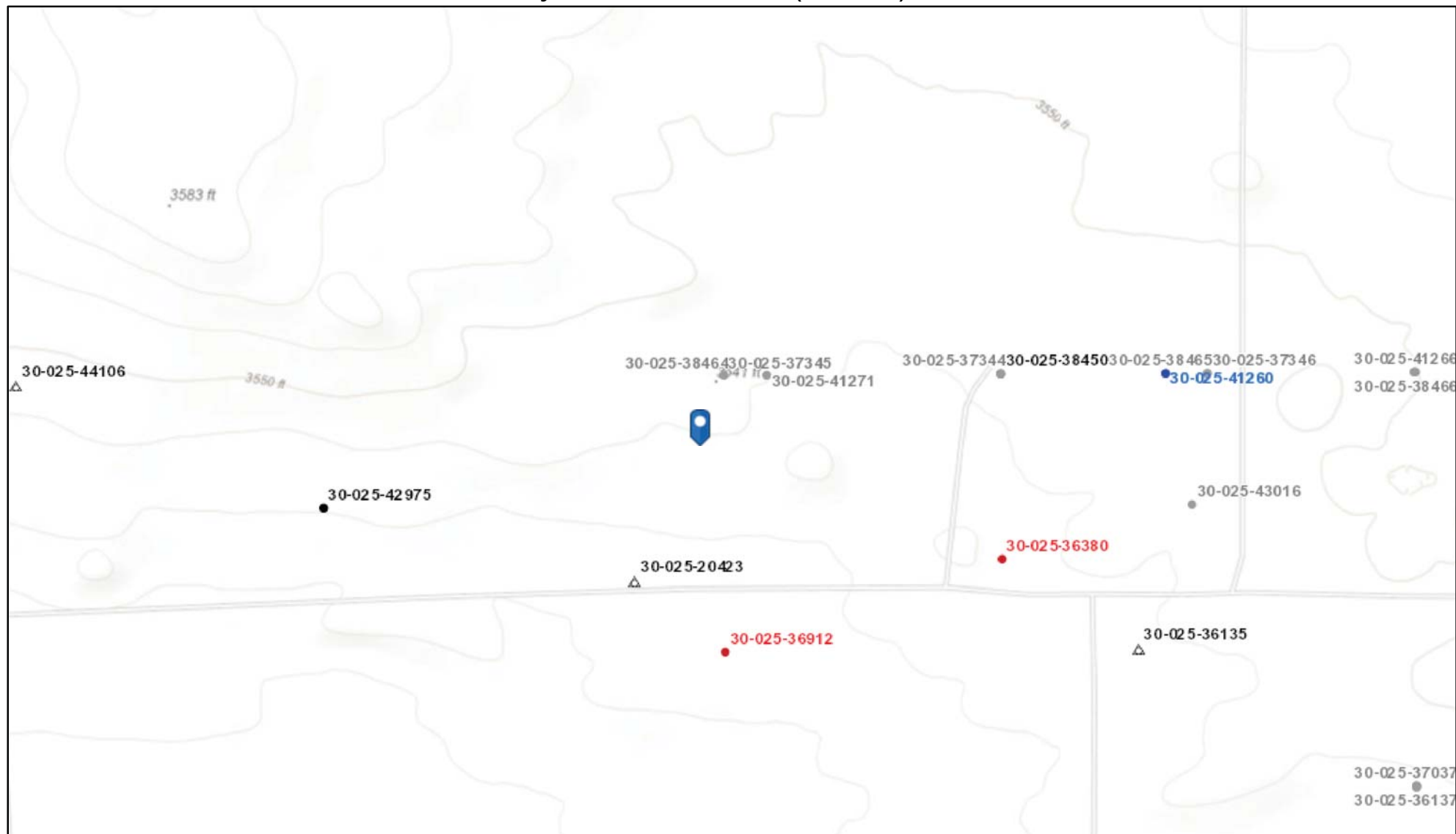
[Questions about sites/data?](#)
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[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)
Title: Groundwater for New Mexico: Water Levels
URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>



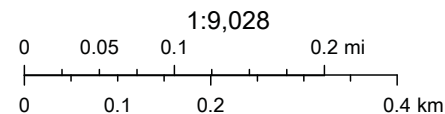
Page Contact Information: [New Mexico Water Data Maintainer](#)
Page Last Modified: 2021-11-02 16:26:34 EDT
0.3 0.27 nadww01

Proximity 31 Fed 4 SWD (7-6-21) +3000ft



8/2/2021, 4:02:37 PM

Wells - Large Scale	✱ CO2, Cancelled	✱ Gas, Active	✱ Gas, Temporarily Abandoned	✱ Injection, Plugged
✱ undefined	✱ CO2, New	✱ Gas, Cancelled	✱ Injection, Active	
✱ Miscellaneous	✱ CO2, Plugged	✱ Gas, New	✱ Injection, Cancelled	
✱ CO2, Active	✱ CO2, Temporarily Abandoned	✱ Gas, Plugged	✱ Injection, New	



Bureau of Land Management, Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, Intermap, USGS, METI/NASA, EPA, USDA, Oil Conservation Division of the New Mexico Energy, Minerals and Natural Resources Department., OCD

New Mexico Oil Conservation Division

NM OCD Oil and Gas Map. <http://nm-emonr.maps.arcgis.com/apps/webappviewer/index.html?id=4d017f2306164de29fd2fb9f8f35ca75>: New Mexico Oil Conservation Division

Oxy Proximity 31 Fed 4 SWD (7-6-21)

Lea County, NM

BLM CAVE KARST MAP


Legend

 13-JUL-21

 CRIT

 HIGH

 LOW

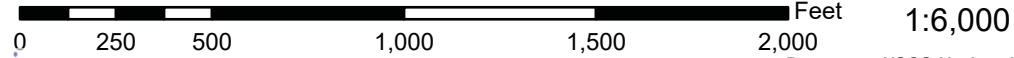
 MEDIUM



National Flood Hazard Layer FIRMette



103°42'59"W 32°21'34"N



Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile
		Future Conditions 1% Annual Chance Flood Hazard
		Area with Reduced Flood Risk due to Levee. See Notes.
		Area with Flood Risk due to Levee
		Area of Minimal Flood Hazard
OTHER AREAS		Effective LOMRs
		Area of Undetermined Flood Hazard
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 8/2/2021 at 6:06 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

Released to Imaging: 2/22/2022 11:55:41 AM

Received by OCD: 2/22/2022 5:38:16 PM

Laboratory Analytical Results Summary
OXY PROXIMITY 31 FED 4
7/6/21

		Sample ID	North @ Surface	East @ Surface	West @ Surface	South @ Surface
Analyte	Method	Date	7/16/21	7/16/21	7/16/21	7/16/21
			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	SM4500Cl-B		<16.0	<16.0	<16.0	<16.0
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

		Sample ID	SP1 @ Surface	SP1 @ 1'	SP1 @ 2'	SP1 @ 3'	SP1 @ 4'	SP1 @ 5'	SP1 @ 6'	SP1 @ 7'	SP1 @ 8'
Analyte	Method	Date	7/16/21	7/16/21	7/16/21	7/16/21	7/16/21	7/16/21	7/16/21	7/16/21	7/16/21
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	0.096	< 0.050	< 0.050	< 0.050	< 0.050
Toluene	BTEX 8021B		< 0.050	< 0.050	0.056	< 0.050	0.886	0.074	< 0.050	< 0.050	< 0.050
Ethylbenzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	0.497	< 0.050	< 0.050	< 0.050	< 0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	3.97	0.451	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	5.45	0.525	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		9200	5440	4000	4720	3200	2200	656	<16.0	<16.0
GRO	TPH 8015M		<10.0	<10.0	<10.0	12.8	84.5	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		2590	1750	5010	1230	3630	159	11.9	<10.0	<10.0
EXT DRO	TPH 8015M		979	413	1550	362	852	35.8	<10.0	<10.0	<10.0

		Sample ID	SP2 @ SURFACE	SP2 @ 1'	SP2 @ 2'	SP2 @ 3'	SP2 @ 4'	SP2 @ 5'	SP2 @ 6'
Analyte	Method	Date	7/16/21	7/16/21	7/16/21	7/16/21	7/16/21	7/16/21	7/16/21
			mg/kg	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	N/A	N/A
Toluene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	N/A	N/A
Ethylbenzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	N/A	N/A
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	<0.150	N/A	N/A
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	<0.300	N/A	N/A
Chloride	SM4500Cl-B		4560	3520	3760	880	688	16.0	<16.0
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	N/A	N/A
DRO	TPH 8015M		709	<10.0	<10.0	<10.0	<10.0	N/A	N/A
EXT DRO	TPH 8015M		238	<10.0	<10.0	<10.0	<10.0	N/A	N/A

Laboratory Analytical Results Summary
OXY PROXIMITY 31 FED 4
7/6/21

		Sample ID	SP3 @ SURFACE	SP3 @ 1'	SP3 @ 2'	SP3 @ 3'	SP3 @ 4'	SP3 @ 5'	SP3 @ 6'
Analyte	Method	Date	7/16/21	7/16/21	7/16/21	7/16/21	7/16/21	7/16/21	7/16/21
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	N/A	N/A	N/A
Toluene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	N/A	N/A	N/A
Ethylbenzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	N/A	N/A	N/A
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	N/A	N/A	N/A
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	N/A	N/A	N/A
Chloride	SM4500Cl-B		3000	2800	2760	1320	608	32.0	<16.0
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	N/A	N/A	N/A
DRO	TPH 8015M		432	<10.0	<10.0	<10.0	N/A	N/A	N/A
EXT DRO	TPH 8015M		183	<10.0	<10.0	<10.0	N/A	N/A	N/A

		Sample ID	SP4 @ SURFACE	SP4 @ 1'	SP4 @ 2'	SP4 @ 3'	SP4 @ 4'	SP4 @ 5'	SP4 @ 6'
Analyte	Method	Date	7/19/21	7/19/21	7/19/21	7/19/21	7/19/21	7/19/21	7/19/21
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	N/A	N/A	N/A	N/A
Toluene	BTEX 8021B		< 0.050	< 0.050	< 0.050	N/A	N/A	N/A	N/A
Ethylbenzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	N/A	N/A	N/A	N/A
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	N/A	N/A	N/A	N/A
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	N/A	N/A	N/A	N/A
Chloride	SM4500Cl-B		1760	4560	4080	1020	624	16.0	<16.0
GRO	TPH 8015M		<10.0	<10.0	<10.0	N/A	N/A	N/A	N/A
DRO	TPH 8015M		99.8	<10.0	<10.0	N/A	N/A	N/A	N/A
EXT DRO	TPH 8015M		28.6	<10.0	<10.0	N/A	N/A	N/A	N/A

		Sample ID	SP5 @ SURFACE	SP5 @ 1'	SP5 @ 2'	SP5 @ 3'	SP5 @ 4'	SP5 @ 5'
Analyte	Method	Date	7/19/21	7/19/21	7/19/21	7/19/21	7/19/21	7/19/21
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		< 0.050	< 0.050	N/A	N/A	N/A	N/A
Toluene	BTEX 8021B		< 0.050	< 0.050	N/A	N/A	N/A	N/A
Ethylbenzene	BTEX 8021B		< 0.050	< 0.050	N/A	N/A	N/A	N/A
Total Xylenes	BTEX 8021B		<0.150	<0.150	N/A	N/A	N/A	N/A
Total BTEX	BTEX 8021B		<0.300	<0.300	N/A	N/A	N/A	N/A
Chloride	SM4500Cl-B		544	3520	880	496	16.0	<16.0
GRO	TPH 8015M		<10.0	<10.0	N/A	N/A	N/A	N/A
DRO	TPH 8015M		61	<10.0	N/A	N/A	N/A	N/A
EXT DRO	TPH 8015M		11.1	<10.0	N/A	N/A	N/A	N/A

Laboratory Analytical Results Summary
 OXY PROXIMITY 31 FED 4
 7/6/21

		Sample ID	SP6 @ SURFACE	SP6 @ 1'	SP6 @ 2'	SP6 @ 3'
Analyte	Method	Date	7/19/21	7/19/21	7/19/21	7/19/21
			mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	N/A
Toluene	BTEX 8021B		< 0.050	< 0.050	< 0.050	N/A
Ethylbenzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	N/A
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	N/A
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	N/A
Chloride	SM4500Cl-B		784	272	16.0	<16.0
GRO	TPH 8015M		<50.0	<10.0	<10.0	N/A
DRO	TPH 8015M		976	10.2	<10.0	N/A
EXT DRO	TPH 8015M		356	<10.0	<10.0	N/A

		Sample ID	SP7 @ SURFACE	SP7 @ 1'	SP7 @ 2'	SP7 @ 3'	SP7 @ 4'
Analyte	Method	Date	7/19/21	7/19/21	7/19/21	7/19/21	7/19/21
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		< 0.050	< 0.050	N/A	N/A	N/A
Toluene	BTEX 8021B		< 0.050	< 0.050	N/A	N/A	N/A
Ethylbenzene	BTEX 8021B		< 0.050	< 0.050	N/A	N/A	N/A
Total Xylenes	BTEX 8021B		<0.150	<0.150	N/A	N/A	N/A
Total BTEX	BTEX 8021B		<0.300	<0.300	N/A	N/A	N/A
Chloride	SM4500Cl-B		288	2800	784	<16.0	<16.0
GRO	TPH 8015M		<10.0	<10.0	N/A	N/A	N/A
DRO	TPH 8015M		<10.0	<10.0	N/A	N/A	N/A
EXT DRO	TPH 8015M		<10.0	<10.0	N/A	N/A	N/A

Laboratory Analytical Results Summary
OXY PROXIMITY 31 FED 4
7/6/21

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		Sample ID	SP8 @ SURFACE	SP8 @ 1'	SP8 @ 2'	SP8 @ 3'	SP8 @ 4'
Analyte	Method	Date	7/20/21	7/20/21	7/20/21	7/20/21	7/20/21
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		< 0.050	< 0.050	N/A	N/A	N/A
Toluene	BTEX 8021B		< 0.050	< 0.050	N/A	N/A	N/A
Ethylbenzene	BTEX 8021B		< 0.050	< 0.050	N/A	N/A	N/A
Total Xylenes	BTEX 8021B		<0.150	<0.150	N/A	N/A	N/A
Total BTEX	BTEX 8021B		<0.300	<0.300	N/A	N/A	N/A
Chloride	SM4500Cl-B		1140	1220	544	32.0	<16.0
GRO	TPH 8015M		<50.0	<10.0	N/A	N/A	N/A
DRO	TPH 8015M		457	33.7	N/A	N/A	N/A
EXT DRO	TPH 8015M		121	<10.0	N/A	N/A	N/A

		Sample ID	SP9 @ SURFACE	SP9 @ 1'	SP9 @ 2'	SP9 @ 3'	SP9 @ 4'	SP9 @ 5'	SP9 @ 6'
Analyte	Method	Date	7/20/21	7/20/21	7/20/21	7/20/21	7/20/21	7/20/21	7/20/21
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	N/A	N/A	N/A
Toluene	BTEX 8021B		0.054	< 0.050	< 0.050	< 0.050	N/A	N/A	N/A
Ethylbenzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	N/A	N/A	N/A
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	N/A	N/A	N/A
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	N/A	N/A	N/A
Chloride	SM4500Cl-B		2560	4000	3640	784.0	544	16.0	<16.0
GRO	TPH 8015M		<50.0	<10.0	<10.0	<10.0	N/A	N/A	N/A
DRO	TPH 8015M		10400	<10.0	<10.0	<10.0	N/A	N/A	N/A
EXT DRO	TPH 8015M		3240	<10.0	<10.0	<10.0	N/A	N/A	N/A

		Sample ID	SP10 @ SURFACE	SP10 @ 1'	SP10 @ 2'	SP10 @ 3'	SP10 @ 4'	SP10 @ 5'
Analyte	Method	Date	7/20/21	7/20/21	7/20/21	7/20/21	7/20/21	7/20/21
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	N/A	N/A
Toluene	BTEX 8021B		0.072	< 0.050	< 0.050	< 0.050	N/A	N/A
Ethylbenzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	N/A	N/A
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	N/A	N/A
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	N/A	N/A
Chloride	SM4500Cl-B		4080	3600	1150	672	192	<16.0
GRO	TPH 8015M		<50.0	<10.0	<10.0	<10.0	N/A	N/A
DRO	TPH 8015M		17500	<10.0	<10.0	<10.0	N/A	N/A
EXT DRO	TPH 8015M		4710	<10.0	<10.0	<10.0	N/A	N/A

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Laboratory Analytical Results Summary
OXY PROXIMITY 31 FED 4
7/6/21

		Sample ID	SP11 @ SURFACE	SP11 @ 1'	SP11 @ 2'	SP11 @ 3'	SP11 @ 4'	SP11 @ 5'	SP11 @ 6'
Analyte	Method	Date	7/20/21	7/20/21	7/20/21	7/20/21	7/20/21	7/20/21	7/20/21
			mg/kg	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	N/A	N/A
Toluene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	N/A	N/A
Ethylbenzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	N/A	N/A
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	<0.150	N/A	N/A
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	<0.300	N/A	N/A
Chloride	SM4500Cl-B		1090	4000	4000	3520	1300	416	<16.0
GRO	TPH 8015M		<50.0	<10.0	<10.0	<10.0	<10.0	N/A	N/A
DRO	TPH 8015M		2270	<10.0	<10.0	<10.0	<10.0	N/A	N/A
EXT DRO	TPH 8015M		1090	<10.0	<10.0	<10.0	<10.0	N/A	N/A

		Sample ID	SP12 @ SURFACE	SP12 @ 1'	SP12 @ 2'	SP12 @ 3'	SP12 @ 4'	SP12 @ 5'	SP12 @ 6'
Analyte	Method	Date	7/21/21	7/21/21	7/21/21	7/21/21	7/21/21	7/21/21	7/21/21
			mg/kg	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	N/A	N/A
Toluene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	N/A	N/A
Ethylbenzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	N/A	N/A
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	<0.150	N/A	N/A
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	<0.300	N/A	N/A
Chloride	SM4500Cl-B		1540	4640	3160	800	512	32.0	<16.0
GRO	TPH 8015M		<50.0	<10.0	<10.0	<10.0	<10.0	N/A	N/A
DRO	TPH 8015M		2220	<10.0	<10.0	<10.0	<10.0	N/A	N/A
EXT DRO	TPH 8015M		894	<10.0	<10.0	<10.0	<10.0	N/A	N/A

		Sample ID	SP13 @ SURFACE	SP13 @ 1'	SP13 @ 2'	SP13 @ 3'	SP13 @ 4'	SP13 @ 5'
Analyte	Method	Date	7/21/21	7/21/21	7/21/21	7/21/21	7/21/21	7/21/21
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	N/A	N/A
Toluene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	N/A	N/A
Ethylbenzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	N/A	N/A
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	N/A	N/A
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	N/A	N/A
Chloride	SM4500Cl-B		3760	3400	768	352	<16.0	32.0
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	N/A	N/A
DRO	TPH 8015M		2000	<10.0	<10.0	<10.0	N/A	N/A
EXT DRO	TPH 8015M		821	<10.0	<10.0	<10.0	N/A	N/A

Laboratory Analytical Results Summary
OXY PROXIMITY 31 FED 4
7/6/21

		Sample ID	SP14 @ SURFACE	SP14 @ 1'	SP14 @ 2'	SP14 @ 3'	SP14 @ 4'	SP14 @ 5'
Analyte	Method	Date	7/21/21	7/21/21	7/21/21	7/21/21	7/21/21	7/21/21
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	N/A	N/A
Toluene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	N/A	N/A
Ethylbenzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	N/A	N/A
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	N/A	N/A
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	N/A	N/A
Chloride	SM4500Cl-B		2800	3520	768	624	160	<16.0
GRO	TPH 8015M		<50.0	<10.0	<10.0	<10.0	N/A	N/A
DRO	TPH 8015M		13000	31.3	<10.0	<10.0	N/A	N/A
EXT DRO	TPH 8015M		3800	35.7	<10.0	<10.0	N/A	N/A

		Sample ID	SP15 @ SURFACE	SP15 @ 1'	SP15 @ 2'	SP15 @ 3'	SP15 @ 4'	SP15 @ 5'
Analyte	Method	Date	7/21/21	7/21/21	7/21/21	7/21/21	7/21/21	7/21/21
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	N/A	N/A
Toluene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	N/A	N/A
Ethylbenzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	N/A	N/A
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	N/A	N/A
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	N/A	N/A
Chloride	SM4500Cl-B		0.071	4800	3280	720	176	32.0
GRO	TPH 8015M		<50.0	<10.0	<10.0	<10.0	N/A	N/A
DRO	TPH 8015M		6280	19.7	<10.0	<10.0	N/A	N/A
EXT DRO	TPH 8015M		2160	22.2	<10.0	<10.0	N/A	N/A



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

August 02, 2021

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: PROXIMITY 31 FED 4 SWD

Enclosed are the results of analyses for samples received by the laboratory on 07/26/21 16:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited 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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/26/2021
 Reported: 08/02/2021
 Project Name: PROXIMITY 31 FED 4 SWD
 Project Number: (7/6/21)
 Project Location: NEW MEXICO

Sampling Date: 07/16/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP N @ SURFACE (H211968-01)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/27/2021	ND	1.80	89.8	2.00	7.00		
Toluene*	<0.050	0.050	07/27/2021	ND	1.93	96.6	2.00	7.03		
Ethylbenzene*	<0.050	0.050	07/27/2021	ND	1.89	94.7	2.00	6.89		
Total Xylenes*	<0.150	0.150	07/27/2021	ND	5.70	95.0	6.00	6.84		
Total BTEX	<0.300	0.300	07/27/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/29/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	205	102	200	2.48	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	213	106	200	0.474	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 84.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 83.2 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/26/2021
 Reported: 08/02/2021
 Project Name: PROXIMITY 31 FED 4 SWD
 Project Number: (7/6/21)
 Project Location: NEW MEXICO

Sampling Date: 07/16/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP E @ SURFACE (H211968-02)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/27/2021	ND	1.80	89.8	2.00	7.00		
Toluene*	<0.050	0.050	07/27/2021	ND	1.93	96.6	2.00	7.03		
Ethylbenzene*	<0.050	0.050	07/27/2021	ND	1.89	94.7	2.00	6.89		
Total Xylenes*	<0.150	0.150	07/27/2021	ND	5.70	95.0	6.00	6.84		
Total BTX	<0.300	0.300	07/27/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/29/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	205	102	200	2.48	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	213	106	200	0.474	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 87.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 85.4 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/26/2021
 Reported: 08/02/2021
 Project Name: PROXIMITY 31 FED 4 SWD
 Project Number: (7/6/21)
 Project Location: NEW MEXICO

Sampling Date: 07/16/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP W @ SURFACE (H211968-03)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/27/2021	ND	1.80	89.8	2.00	7.00		
Toluene*	<0.050	0.050	07/27/2021	ND	1.93	96.6	2.00	7.03		
Ethylbenzene*	<0.050	0.050	07/27/2021	ND	1.89	94.7	2.00	6.89		
Total Xylenes*	<0.150	0.150	07/27/2021	ND	5.70	95.0	6.00	6.84		
Total BTX	<0.300	0.300	07/27/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/29/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	205	102	200	2.48	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	213	106	200	0.474	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 86.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 84.4 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/26/2021
 Reported: 08/02/2021
 Project Name: PROXIMITY 31 FED 4 SWD
 Project Number: (7/6/21)
 Project Location: NEW MEXICO

Sampling Date: 07/16/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP S @ SURFACE (H211968-04)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/27/2021	ND	1.80	89.8	2.00	7.00		
Toluene*	<0.050	0.050	07/27/2021	ND	1.93	96.6	2.00	7.03		
Ethylbenzene*	<0.050	0.050	07/27/2021	ND	1.89	94.7	2.00	6.89		
Total Xylenes*	<0.150	0.150	07/27/2021	ND	5.70	95.0	6.00	6.84		
Total BTEx	<0.300	0.300	07/27/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/29/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	205	102	200	2.48	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	213	106	200	0.474	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 83.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 82.2 % 38.9-142

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Analytical Results For:

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

Received: 07/26/2021
 Reported: 08/02/2021
 Project Name: PROXIMITY 31 FED 4 SWD
 Project Number: (7/6/21)
 Project Location: NEW MEXICO

Sampling Date: 07/16/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 1 @ SURFACE (H211968-05)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/27/2021	ND	1.80	89.8	2.00	7.00		
Toluene*	<0.050	0.050	07/27/2021	ND	1.93	96.6	2.00	7.03		
Ethylbenzene*	<0.050	0.050	07/27/2021	ND	1.89	94.7	2.00	6.89		
Total Xylenes*	<0.150	0.150	07/27/2021	ND	5.70	95.0	6.00	6.84		
Total BTEx	<0.300	0.300	07/27/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	9200	16.0	07/29/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	205	102	200	2.48	
DRO >C10-C28*	2590	10.0	07/28/2021	ND	213	106	200	0.474	
EXT DRO >C28-C36	979	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 86.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 183 % 38.9-142

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Analytical Results For:

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

Received: 07/26/2021
 Reported: 08/02/2021
 Project Name: PROXIMITY 31 FED 4 SWD
 Project Number: (7/6/21)
 Project Location: NEW MEXICO

Sampling Date: 07/16/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 1 @ 1' (H211968-06)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/27/2021	ND	1.80	89.8	2.00	7.00		
Toluene*	<0.050	0.050	07/27/2021	ND	1.93	96.6	2.00	7.03		
Ethylbenzene*	<0.050	0.050	07/27/2021	ND	1.89	94.7	2.00	6.89		
Total Xylenes*	<0.150	0.150	07/27/2021	ND	5.70	95.0	6.00	6.84		
Total BTEX	<0.300	0.300	07/27/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5440	16.0	07/29/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	205	102	200	2.48	
DRO >C10-C28*	1750	10.0	07/28/2021	ND	213	106	200	0.474	
EXT DRO >C28-C36	413	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 89.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 125 % 38.9-142

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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 07/26/2021
 Reported: 08/02/2021
 Project Name: PROXIMITY 31 FED 4 SWD
 Project Number: (7/6/21)
 Project Location: NEW MEXICO

Sampling Date: 07/16/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 1 @ 2' (H211968-07)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.80	89.8	2.00	7.00		
Toluene*	0.056	0.050	07/28/2021	ND	1.93	96.6	2.00	7.03		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	1.89	94.7	2.00	6.89		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	5.70	95.0	6.00	6.84		
Total BTEx	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4000	16.0	07/29/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	205	102	200	2.48	
DRO >C10-C28*	5010	10.0	07/28/2021	ND	213	106	200	0.474	
EXT DRO >C28-C36	1550	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 89.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 262 % 38.9-142

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Analytical Results For:

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Received: 07/26/2021
 Reported: 08/02/2021
 Project Name: PROXIMITY 31 FED 4 SWD
 Project Number: (7/6/21)
 Project Location: NEW MEXICO

Sampling Date: 07/16/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 1 @ 3' (H211968-08)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/27/2021	ND	1.80	89.8	2.00	7.00		
Toluene*	<0.050	0.050	07/27/2021	ND	1.93	96.6	2.00	7.03		
Ethylbenzene*	<0.050	0.050	07/27/2021	ND	1.89	94.7	2.00	6.89		
Total Xylenes*	<0.150	0.150	07/27/2021	ND	5.70	95.0	6.00	6.84		
Total BTX	<0.300	0.300	07/27/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4720	16.0	07/29/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	12.8	10.0	07/28/2021	ND	205	102	200	2.48	
DRO >C10-C28*	1230	10.0	07/28/2021	ND	213	106	200	0.474	
EXT DRO >C28-C36	362	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 87.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 116 % 38.9-142

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Received: 07/26/2021
 Reported: 08/02/2021
 Project Name: PROXIMITY 31 FED 4 SWD
 Project Number: (7/6/21)
 Project Location: NEW MEXICO

Sampling Date: 07/16/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 1 @ 4' (H211968-09)

BTX 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.096	0.050	07/28/2021	ND	1.80	89.8	2.00	7.00	
Toluene*	0.886	0.050	07/28/2021	ND	1.93	96.6	2.00	7.03	
Ethylbenzene*	0.497	0.050	07/28/2021	ND	1.89	94.7	2.00	6.89	
Total Xylenes*	3.97	0.150	07/28/2021	ND	5.70	95.0	6.00	6.84	
Total BTX	5.45	0.300	07/28/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 179 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3200	16.0	07/29/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	84.5	10.0	07/28/2021	ND	205	102	200	2.48	
DRO >C10-C28*	3630	10.0	07/28/2021	ND	213	106	200	0.474	
EXT DRO >C28-C36	852	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 113 % 44.3-133

Surrogate: 1-Chlorooctadecane 175 % 38.9-142

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Received: 07/26/2021
 Reported: 08/02/2021
 Project Name: PROXIMITY 31 FED 4 SWD
 Project Number: (7/6/21)
 Project Location: NEW MEXICO

Sampling Date: 07/16/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 1 @ 5' (H211968-10)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.92	95.9	2.00	7.24		
Toluene*	0.074	0.050	07/28/2021	ND	2.05	102	2.00	8.17		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	1.97	98.7	2.00	7.96		
Total Xylenes*	0.451	0.150	07/28/2021	ND	5.85	97.6	6.00	8.86		
Total BTX	0.525	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2200	16.0	07/29/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	205	102	200	2.48	
DRO >C10-C28*	159	10.0	07/28/2021	ND	213	106	200	0.474	
EXT DRO >C28-C36	35.8	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 82.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 87.7 % 38.9-142

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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 07/26/2021
 Reported: 08/02/2021
 Project Name: PROXIMITY 31 FED 4 SWD
 Project Number: (7/6/21)
 Project Location: NEW MEXICO

Sampling Date: 07/16/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 1 @ 6' (H211968-11)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/27/2021	ND	1.92	95.9	2.00	7.24	
Toluene*	<0.050	0.050	07/27/2021	ND	2.05	102	2.00	8.17	
Ethylbenzene*	<0.050	0.050	07/27/2021	ND	1.97	98.7	2.00	7.96	
Total Xylenes*	<0.150	0.150	07/27/2021	ND	5.85	97.6	6.00	8.86	
Total BTX	<0.300	0.300	07/27/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	656	16.0	07/29/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	187	93.3	200	7.07	
DRO >C10-C28*	11.9	10.0	07/28/2021	ND	204	102	200	1.14	QM-07
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 105 % 44.3-133

Surrogate: 1-Chlorooctadecane 118 % 38.9-142

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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 07/26/2021
 Reported: 08/02/2021
 Project Name: PROXIMITY 31 FED 4 SWD
 Project Number: (7/6/21)
 Project Location: NEW MEXICO

Sampling Date: 07/16/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 1 @ 7' (H211968-12)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/27/2021	ND	1.92	95.9	2.00	7.24		
Toluene*	<0.050	0.050	07/27/2021	ND	2.05	102	2.00	8.17		
Ethylbenzene*	<0.050	0.050	07/27/2021	ND	1.97	98.7	2.00	7.96		
Total Xylenes*	<0.150	0.150	07/27/2021	ND	5.85	97.6	6.00	8.86		
Total BTEx	<0.300	0.300	07/27/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/29/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	187	93.3	200	7.07	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	204	102	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 106 % 44.3-133

Surrogate: 1-Chlorooctadecane 120 % 38.9-142

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 P.O. Box 805
 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received: 07/26/2021
 Reported: 08/02/2021
 Project Name: PROXIMITY 31 FED 4 SWD
 Project Number: (7/6/21)
 Project Location: NEW MEXICO

Sampling Date: 07/16/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 1 @ 8' (H211968-13)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/27/2021	ND	1.92	95.9	2.00	7.24		
Toluene*	<0.050	0.050	07/27/2021	ND	2.05	102	2.00	8.17		
Ethylbenzene*	<0.050	0.050	07/27/2021	ND	1.97	98.7	2.00	7.96		
Total Xylenes*	<0.150	0.150	07/27/2021	ND	5.85	97.6	6.00	8.86		
Total BTEX	<0.300	0.300	07/27/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/29/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	187	93.3	200	7.07	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	204	102	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 114 % 44.3-133

Surrogate: 1-Chlorooctadecane 130 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	07/26/2021	Sampling Date:	07/16/2021
Reported:	08/02/2021	Sampling Type:	Soil
Project Name:	PROXIMITY 31 FED 4 SWD	Sampling Condition:	Cool & Intact
Project Number:	(7/6/21)	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: SP 2 @ SURFACE (H211968-14)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.92	95.9	2.00	7.24		
Toluene*	<0.050	0.050	07/28/2021	ND	2.05	102	2.00	8.17		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	1.97	98.7	2.00	7.96		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	5.85	97.6	6.00	8.86		
Total BTEx	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4560	16.0	07/29/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	187	93.3	200	7.07	
DRO >C10-C28*	709	10.0	07/28/2021	ND	204	102	200	1.14	
EXT DRO >C28-C36	238	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 104 % 44.3-133

Surrogate: 1-Chlorooctadecane 126 % 38.9-142

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Analytical Results For:

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

Received: 07/26/2021
 Reported: 08/02/2021
 Project Name: PROXIMITY 31 FED 4 SWD
 Project Number: (7/6/21)
 Project Location: NEW MEXICO

Sampling Date: 07/16/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 2 @ 1' (H211968-15)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/27/2021	ND	1.92	95.9	2.00	7.24		
Toluene*	<0.050	0.050	07/27/2021	ND	2.05	102	2.00	8.17		
Ethylbenzene*	<0.050	0.050	07/27/2021	ND	1.97	98.7	2.00	7.96		
Total Xylenes*	<0.150	0.150	07/27/2021	ND	5.85	97.6	6.00	8.86		
Total BTEx	<0.300	0.300	07/27/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3520	16.0	07/29/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	187	93.3	200	7.07	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	204	102	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 106 % 44.3-133

Surrogate: 1-Chlorooctadecane 118 % 38.9-142

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Analytical Results For:

BBC International, Inc.
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 Fax To: (575) 397-0397

Received: 07/26/2021
 Reported: 08/02/2021
 Project Name: PROXIMITY 31 FED 4 SWD
 Project Number: (7/6/21)
 Project Location: NEW MEXICO

Sampling Date: 07/16/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 2 @ 2' (H211968-16)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/27/2021	ND	1.92	95.9	2.00	7.24	
Toluene*	<0.050	0.050	07/27/2021	ND	2.05	102	2.00	8.17	
Ethylbenzene*	<0.050	0.050	07/27/2021	ND	1.97	98.7	2.00	7.96	
Total Xylenes*	<0.150	0.150	07/27/2021	ND	5.85	97.6	6.00	8.86	
Total BTX	<0.300	0.300	07/27/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3760	16.0	07/29/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	187	93.3	200	7.07	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	204	102	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 99.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 111 % 38.9-142

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Analytical Results For:

BBC International, Inc.
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 Fax To: (575) 397-0397

Received: 07/26/2021
 Reported: 08/02/2021
 Project Name: PROXIMITY 31 FED 4 SWD
 Project Number: (7/6/21)
 Project Location: NEW MEXICO

Sampling Date: 07/16/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 2 @ 3' (H211968-17)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/27/2021	ND	1.92	95.9	2.00	7.24		
Toluene*	<0.050	0.050	07/27/2021	ND	2.05	102	2.00	8.17		
Ethylbenzene*	<0.050	0.050	07/27/2021	ND	1.97	98.7	2.00	7.96		
Total Xylenes*	<0.150	0.150	07/27/2021	ND	5.85	97.6	6.00	8.86		
Total BTEx	<0.300	0.300	07/27/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	880	16.0	07/29/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	187	93.3	200	7.07	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	204	102	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 105 % 44.3-133

Surrogate: 1-Chlorooctadecane 121 % 38.9-142

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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 07/26/2021
 Reported: 08/02/2021
 Project Name: PROXIMITY 31 FED 4 SWD
 Project Number: (7/6/21)
 Project Location: NEW MEXICO

Sampling Date: 07/16/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 2 @ 4' (H211968-18)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/27/2021	ND	1.92	95.9	2.00	7.24	
Toluene*	<0.050	0.050	07/27/2021	ND	2.05	102	2.00	8.17	
Ethylbenzene*	<0.050	0.050	07/27/2021	ND	1.97	98.7	2.00	7.96	
Total Xylenes*	<0.150	0.150	07/27/2021	ND	5.85	97.6	6.00	8.86	
Total BTX	<0.300	0.300	07/27/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	688	16.0	07/29/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	187	93.3	200	7.07	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	204	102	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 106 % 44.3-133

Surrogate: 1-Chlorooctadecane 119 % 38.9-142

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Analytical Results For:

BBC International, Inc.
 Cliff Brunson
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 Fax To: (575) 397-0397

Received:	07/26/2021	Sampling Date:	07/16/2021
Reported:	08/02/2021	Sampling Type:	Soil
Project Name:	PROXIMITY 31 FED 4 SWD	Sampling Condition:	Cool & Intact
Project Number:	(7/6/21)	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: SP 2 @ 5' (H211968-19)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	07/29/2021	ND	400	100	400	3.92		

Sample ID: SP 2 @ 6' (H211968-20)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/29/2021	ND	400	100	400	3.92		

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Analytical Results For:

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Received: 07/26/2021
 Reported: 08/02/2021
 Project Name: PROXIMITY 31 FED 4 SWD
 Project Number: (7/6/21)
 Project Location: NEW MEXICO

Sampling Date: 07/16/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 3 @ SURFACE (H211968-21)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/27/2021	ND	1.92	95.9	2.00	7.24		
Toluene*	<0.050	0.050	07/27/2021	ND	2.05	102	2.00	8.17		
Ethylbenzene*	<0.050	0.050	07/27/2021	ND	1.97	98.7	2.00	7.96		
Total Xylenes*	<0.150	0.150	07/27/2021	ND	5.85	97.6	6.00	8.86		
Total BTX	<0.300	0.300	07/27/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3000	16.0	07/29/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	187	93.3	200	7.07	
DRO >C10-C28*	432	10.0	07/28/2021	ND	204	102	200	1.14	
EXT DRO >C28-C36	183	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 104 % 44.3-133

Surrogate: 1-Chlorooctadecane 146 % 38.9-142

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Analytical Results For:

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

Received: 07/26/2021
 Reported: 08/02/2021
 Project Name: PROXIMITY 31 FED 4 SWD
 Project Number: (7/6/21)
 Project Location: NEW MEXICO

Sampling Date: 07/16/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 3 @ 1' (H211968-22)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/27/2021	ND	1.92	95.9	2.00	7.24		
Toluene*	<0.050	0.050	07/27/2021	ND	2.05	102	2.00	8.17		
Ethylbenzene*	<0.050	0.050	07/27/2021	ND	1.97	98.7	2.00	7.96		
Total Xylenes*	<0.150	0.150	07/27/2021	ND	5.85	97.6	6.00	8.86		
Total BTEx	<0.300	0.300	07/27/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2800	16.0	07/29/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	187	93.3	200	7.07	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	204	102	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 101 % 44.3-133

Surrogate: 1-Chlorooctadecane 114 % 38.9-142

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

Analytical Results For:

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

Received: 07/26/2021
 Reported: 08/02/2021
 Project Name: PROXIMITY 31 FED 4 SWD
 Project Number: (7/6/21)
 Project Location: NEW MEXICO

Sampling Date: 07/16/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 3 @ 2' (H211968-23)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/27/2021	ND	1.92	95.9	2.00	7.24	
Toluene*	<0.050	0.050	07/27/2021	ND	2.05	102	2.00	8.17	
Ethylbenzene*	<0.050	0.050	07/27/2021	ND	1.97	98.7	2.00	7.96	
Total Xylenes*	<0.150	0.150	07/27/2021	ND	5.85	97.6	6.00	8.86	
Total BTX	<0.300	0.300	07/27/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2760	16.0	07/29/2021	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	187	93.3	200	7.07	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	204	102	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 102 % 44.3-133

Surrogate: 1-Chlorooctadecane 114 % 38.9-142

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Analytical Results For:

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

Received: 07/26/2021
 Reported: 08/02/2021
 Project Name: PROXIMITY 31 FED 4 SWD
 Project Number: (7/6/21)
 Project Location: NEW MEXICO

Sampling Date: 07/16/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 3 @ 3' (H211968-24)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/27/2021	ND	1.92	95.9	2.00	7.24	
Toluene*	<0.050	0.050	07/27/2021	ND	2.05	102	2.00	8.17	
Ethylbenzene*	<0.050	0.050	07/27/2021	ND	1.97	98.7	2.00	7.96	
Total Xylenes*	<0.150	0.150	07/27/2021	ND	5.85	97.6	6.00	8.86	
Total BTX	<0.300	0.300	07/27/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1320	16.0	07/29/2021	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	197	98.3	200	1.97	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	201	101	200	0.185	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 69.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 64.6 % 38.9-142

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Analytical Results For:

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

Received:	07/26/2021	Sampling Date:	07/16/2021
Reported:	08/02/2021	Sampling Type:	Soil
Project Name:	PROXIMITY 31 FED 4 SWD	Sampling Condition:	Cool & Intact
Project Number:	(7/6/21)	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: SP 3 @ 4' (H211968-25)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	608	16.0	07/29/2021	ND	432	108	400	0.00		

Sample ID: SP 3 @ 5' (H211968-26)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/29/2021	ND	432	108	400	0.00		

Sample ID: SP 3 @ 6' (H211968-27)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/29/2021	ND	432	108	400	0.00		

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Analytical Results For:

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 Cliff Brunson
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 Fax To: (575) 397-0397

Received: 07/26/2021
 Reported: 08/02/2021
 Project Name: PROXIMITY 31 FED 4 SWD
 Project Number: (7/6/21)
 Project Location: NEW MEXICO

Sampling Date: 07/19/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 4 @ SURFACE (H211968-28)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/27/2021	ND	1.92	95.9	2.00	7.24	
Toluene*	<0.050	0.050	07/27/2021	ND	2.05	102	2.00	8.17	
Ethylbenzene*	<0.050	0.050	07/27/2021	ND	1.97	98.7	2.00	7.96	
Total Xylenes*	<0.150	0.150	07/27/2021	ND	5.85	97.6	6.00	8.86	
Total BTX	<0.300	0.300	07/27/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1760	16.0	07/29/2021	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	197	98.3	200	1.97	
DRO >C10-C28*	99.8	10.0	07/28/2021	ND	201	101	200	0.185	
EXT DRO >C28-C36	28.6	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 70.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 72.4 % 38.9-142

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Analytical Results For:

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

Received: 07/26/2021
 Reported: 08/02/2021
 Project Name: PROXIMITY 31 FED 4 SWD
 Project Number: (7/6/21)
 Project Location: NEW MEXICO

Sampling Date: 07/19/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 4 @ 1' (H211968-29)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.92	95.9	2.00	7.24		
Toluene*	<0.050	0.050	07/28/2021	ND	2.05	102	2.00	8.17		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	1.97	98.7	2.00	7.96		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	5.85	97.6	6.00	8.86		
Total BTX	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4560	16.0	07/29/2021	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	197	98.3	200	1.97	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	201	101	200	0.185	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 69.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 63.1 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/26/2021
 Reported: 08/02/2021
 Project Name: PROXIMITY 31 FED 4 SWD
 Project Number: (7/6/21)
 Project Location: NEW MEXICO

Sampling Date: 07/19/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 4 @ 2' (H211968-30)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.92	95.9	2.00	7.24		
Toluene*	<0.050	0.050	07/28/2021	ND	2.05	102	2.00	8.17		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	1.97	98.7	2.00	7.96		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	5.85	97.6	6.00	8.86		
Total BTX	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4080	16.0	07/29/2021	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	197	98.3	200	1.97	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	201	101	200	0.185	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 69.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 64.4 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	07/26/2021	Sampling Date:	07/19/2021
Reported:	08/02/2021	Sampling Type:	Soil
Project Name:	PROXIMITY 31 FED 4 SWD	Sampling Condition:	Cool & Intact
Project Number:	(7/6/21)	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: SP 4 @ 3' (H211968-31)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1020	16.0	07/29/2021	ND	432	108	400	0.00		

Sample ID: SP 4 @ 4' (H211968-32)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	07/29/2021	ND	432	108	400	0.00	

Sample ID: SP 4 @ 5' (H211968-33)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	07/29/2021	ND	432	108	400	0.00		

Sample ID: SP 4 @ 6' (H211968-34)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/29/2021	ND	400	100	400	3.92		

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Analytical Results For:

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

Received: 07/26/2021
 Reported: 08/02/2021
 Project Name: PROXIMITY 31 FED 4 SWD
 Project Number: (7/6/21)
 Project Location: NEW MEXICO

Sampling Date: 07/19/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 5 @ SURFACE (H211968-35)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.92	95.9	2.00	7.24		
Toluene*	<0.050	0.050	07/28/2021	ND	2.05	102	2.00	8.17		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	1.97	98.7	2.00	7.96		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	5.85	97.6	6.00	8.86		
Total BTX	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	07/29/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	197	98.3	200	1.97	
DRO >C10-C28*	61.0	10.0	07/28/2021	ND	201	101	200	0.185	
EXT DRO >C28-C36	11.1	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 67.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 67.1 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/26/2021
 Reported: 08/02/2021
 Project Name: PROXIMITY 31 FED 4 SWD
 Project Number: (7/6/21)
 Project Location: NEW MEXICO

Sampling Date: 07/19/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 5 @ 1' (H211968-36)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.92	95.9	2.00	7.24		
Toluene*	<0.050	0.050	07/28/2021	ND	2.05	102	2.00	8.17		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	1.97	98.7	2.00	7.96		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	5.85	97.6	6.00	8.86		
Total BTX	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3520	16.0	07/29/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	197	98.3	200	1.97	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	201	101	200	0.185	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 72.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 66.4 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/26/2021
 Reported: 08/02/2021
 Project Name: PROXIMITY 31 FED 4 SWD
 Project Number: (7/6/21)
 Project Location: NEW MEXICO

Sampling Date: 07/19/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 5 @ 2' (H211968-37)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	880	16.0	07/29/2021	ND	400	100	400	3.92		

Sample ID: SP 5 @ 3' (H211968-38)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	496	16.0	07/29/2021	ND	400	100	400	3.92		

Sample ID: SP 5 @ 4' (H211968-39)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/29/2021	ND	400	100	400	3.92	

Sample ID: SP 5 @ 5' (H211968-40)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/29/2021	ND	400	100	400	3.92		

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Analytical Results For:

BBC International, Inc.
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 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received: 07/26/2021
 Reported: 08/02/2021
 Project Name: PROXIMITY 31 FED 4 SWD
 Project Number: (7/6/21)
 Project Location: NEW MEXICO

Sampling Date: 07/19/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 6 @ SURFACE (H211968-41)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.92	95.9	2.00	7.24		
Toluene*	<0.050	0.050	07/28/2021	ND	2.05	102	2.00	8.17		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	1.97	98.7	2.00	7.96		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	5.85	97.6	6.00	8.86		
Total BTX	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	784	16.0	07/29/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<50.0	50.0	07/28/2021	ND	197	98.5	200	0.0269	
DRO >C10-C28*	976	50.0	07/28/2021	ND	190	94.9	200	7.08	QM-07, QR-03
EXT DRO >C28-C36	356	50.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 81.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 111 % 38.9-142

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Analytical Results For:

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

Received: 07/26/2021
 Reported: 08/02/2021
 Project Name: PROXIMITY 31 FED 4 SWD
 Project Number: (7/6/21)
 Project Location: NEW MEXICO

Sampling Date: 07/19/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 6 @ 1' (H211968-42)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.92	95.9	2.00	7.24		
Toluene*	<0.050	0.050	07/28/2021	ND	2.05	102	2.00	8.17		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	1.97	98.7	2.00	7.96		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	5.85	97.6	6.00	8.86		
Total BTX	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	07/29/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	197	98.5	200	0.0269	
DRO >C10-C28*	10.2	10.0	07/28/2021	ND	190	94.9	200	7.08	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 86.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 94.2 % 38.9-142

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Analytical Results For:

BBC International, Inc.
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 Fax To: (575) 397-0397

Received: 07/26/2021
 Reported: 08/02/2021
 Project Name: PROXIMITY 31 FED 4 SWD
 Project Number: (7/6/21)
 Project Location: NEW MEXICO

Sampling Date: 07/19/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 6 @ 2' (H211968-43)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.83	91.3	2.00	1.88		
Toluene*	<0.050	0.050	07/28/2021	ND	1.99	99.4	2.00	1.58		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	1.94	97.2	2.00	2.26		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	5.79	96.5	6.00	2.98		
Total BTX	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/29/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	197	98.5	200	0.0269	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	190	94.9	200	7.08	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 83.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 91.4 % 38.9-142

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Analytical Results For:

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

Received: 07/26/2021
 Reported: 08/02/2021
 Project Name: PROXIMITY 31 FED 4 SWD
 Project Number: (7/6/21)
 Project Location: NEW MEXICO

Sampling Date: 07/19/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 6 @ 3' (H211968-44)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/29/2021	ND	400	100	400	3.92	

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 Fax To: (575) 397-0397

Received: 07/26/2021
 Reported: 08/02/2021
 Project Name: PROXIMITY 31 FED 4 SWD
 Project Number: (7/6/21)
 Project Location: NEW MEXICO

Sampling Date: 07/19/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 7 @ SURFACE (H211968-45)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.83	91.3	2.00	1.88		
Toluene*	<0.050	0.050	07/28/2021	ND	1.99	99.4	2.00	1.58		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	1.94	97.2	2.00	2.26		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	5.79	96.5	6.00	2.98		
Total BTX	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	07/29/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	197	98.5	200	0.0269	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	190	94.9	200	7.08	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 85.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 94.6 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/26/2021
 Reported: 08/02/2021
 Project Name: PROXIMITY 31 FED 4 SWD
 Project Number: (7/6/21)
 Project Location: NEW MEXICO

Sampling Date: 07/19/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 7 @ 1' (H211968-46)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.83	91.3	2.00	1.88		
Toluene*	<0.050	0.050	07/28/2021	ND	1.99	99.4	2.00	1.58		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	1.94	97.2	2.00	2.26		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	5.79	96.5	6.00	2.98		
Total BTEX	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2800	16.0	07/29/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	197	98.5	200	0.0269	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	190	94.9	200	7.08	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 84.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 93.5 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/26/2021
 Reported: 08/02/2021
 Project Name: PROXIMITY 31 FED 4 SWD
 Project Number: (7/6/21)
 Project Location: NEW MEXICO

Sampling Date: 07/19/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 7 @ 2' (H211968-47)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	784	16.0	07/29/2021	ND	400	100	400	3.92		

Sample ID: SP 7 @ 3' (H211968-48)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/29/2021	ND	400	100	400	3.92		

Sample ID: SP 7 @ 4' (H211968-49)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/29/2021	ND	400	100	400	3.92		

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 Fax To: (575) 397-0397

Received: 07/26/2021
 Reported: 08/02/2021
 Project Name: PROXIMITY 31 FED 4 SWD
 Project Number: (7/6/21)
 Project Location: NEW MEXICO

Sampling Date: 07/20/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 8 @ SURFACE (H211968-50)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.83	91.3	2.00	1.88		
Toluene*	<0.050	0.050	07/28/2021	ND	1.99	99.4	2.00	1.58		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	1.94	97.2	2.00	2.26		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	5.79	96.5	6.00	2.98		
Total BTX	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1140	16.0	07/29/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<50.0	50.0	07/28/2021	ND	197	98.5	200	0.0269	
DRO >C10-C28*	457	50.0	07/28/2021	ND	190	94.9	200	7.08	
EXT DRO >C28-C36	121	50.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 90.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 112 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

BBC International, Inc.
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 Fax To: (575) 397-0397

Received: 07/26/2021
 Reported: 08/02/2021
 Project Name: PROXIMITY 31 FED 4 SWD
 Project Number: (7/6/21)
 Project Location: NEW MEXICO

Sampling Date: 07/20/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 8 @ 1' (H211968-51)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.83	91.3	2.00	1.88		
Toluene*	<0.050	0.050	07/28/2021	ND	1.99	99.4	2.00	1.58		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	1.94	97.2	2.00	2.26		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	5.79	96.5	6.00	2.98		
Total BTX	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1220	16.0	07/29/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	197	98.5	200	0.0269	
DRO >C10-C28*	33.7	10.0	07/28/2021	ND	190	94.9	200	7.08	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 88.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 102 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/26/2021	Sampling Date:	07/20/2021
Reported:	08/02/2021	Sampling Type:	Soil
Project Name:	PROXIMITY 31 FED 4 SWD	Sampling Condition:	Cool & Intact
Project Number:	(7/6/21)	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: SP 8 @ 2' (H211968-52)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	544	16.0	07/29/2021	ND	400	100	400	3.92		

Sample ID: SP 8 @ 3' (H211968-53)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/29/2021	ND	400	100	400	3.92	

Sample ID: SP 8 @ 4' (H211968-54)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/29/2021	ND	400	100	400	3.92		

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Analytical Results For:

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 Cliff Brunson
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 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received: 07/26/2021
 Reported: 08/02/2021
 Project Name: PROXIMITY 31 FED 4 SWD
 Project Number: (7/6/21)
 Project Location: NEW MEXICO

Sampling Date: 07/20/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 9 @ SURFACE (H211968-55)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.83	91.3	2.00	1.88		
Toluene*	0.054	0.050	07/28/2021	ND	1.99	99.4	2.00	1.58		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	1.94	97.2	2.00	2.26		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	5.79	96.5	6.00	2.98		
Total BTEX	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2560	16.0	07/29/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed 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	07/28/2021	ND	197	98.5	200	0.0269	
DRO >C10-C28*	10400	50.0	07/28/2021	ND	190	94.9	200	7.08	
EXT DRO >C28-C36	3240	50.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 86.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 378 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/26/2021
 Reported: 08/02/2021
 Project Name: PROXIMITY 31 FED 4 SWD
 Project Number: (7/6/21)
 Project Location: NEW MEXICO

Sampling Date: 07/20/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 9 @ 1' (H211968-56)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.83	91.3	2.00	1.88		
Toluene*	<0.050	0.050	07/28/2021	ND	1.99	99.4	2.00	1.58		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	1.94	97.2	2.00	2.26		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	5.79	96.5	6.00	2.98		
Total BTX	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4000	16.0	07/29/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	197	98.5	200	0.0269	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	190	94.9	200	7.08	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 85.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 94.9 % 38.9-142

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Analytical Results For:

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Received: 07/26/2021
 Reported: 08/02/2021
 Project Name: PROXIMITY 31 FED 4 SWD
 Project Number: (7/6/21)
 Project Location: NEW MEXICO

Sampling Date: 07/20/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 9 @ 2' (H211968-57)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.83	91.3	2.00	1.88		
Toluene*	<0.050	0.050	07/28/2021	ND	1.99	99.4	2.00	1.58		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	1.94	97.2	2.00	2.26		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	5.79	96.5	6.00	2.98		
Total BTEX	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3640	16.0	07/29/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	197	98.5	200	0.0269	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	190	94.9	200	7.08	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 89.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 98.9 % 38.9-142

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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 07/26/2021
 Reported: 08/02/2021
 Project Name: PROXIMITY 31 FED 4 SWD
 Project Number: (7/6/21)
 Project Location: NEW MEXICO

Sampling Date: 07/20/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 9 @ 3' (H211968-58)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.83	91.3	2.00	1.88		
Toluene*	<0.050	0.050	07/28/2021	ND	1.99	99.4	2.00	1.58		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	1.94	97.2	2.00	2.26		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	5.79	96.5	6.00	2.98		
Total BTX	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	784	16.0	07/29/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	197	98.5	200	0.0269	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	190	94.9	200	7.08	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 89.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 99.2 % 38.9-142

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Analytical Results For:

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

Received: 07/26/2021
 Reported: 08/02/2021
 Project Name: PROXIMITY 31 FED 4 SWD
 Project Number: (7/6/21)
 Project Location: NEW MEXICO

Sampling Date: 07/20/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 9 @ 4' (H211968-59)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	544	16.0	07/29/2021	ND	400	100	400	3.92		

Sample ID: SP 9 @ 5' (H211968-60)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/29/2021	ND	400	100	400	3.92	

Sample ID: SP 9 @ 6' (H211968-61)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/29/2021	ND	400	100	400	3.92		

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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 07/26/2021
 Reported: 08/02/2021
 Project Name: PROXIMITY 31 FED 4 SWD
 Project Number: (7/6/21)
 Project Location: NEW MEXICO

Sampling Date: 07/20/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 10 @ SURFACE (H211968-62)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.83	91.3	2.00	1.88		
Toluene*	0.072	0.050	07/28/2021	ND	1.99	99.4	2.00	1.58		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	1.94	97.2	2.00	2.26		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	5.79	96.5	6.00	2.98		
Total BTEx	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4080	16.0	07/29/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed 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	07/28/2021	ND	197	98.5	200	0.0269	
DRO >C10-C28*	17500	50.0	07/28/2021	ND	190	94.9	200	7.08	
EXT DRO >C28-C36	4710	50.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 89.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 657 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/26/2021
 Reported: 08/02/2021
 Project Name: PROXIMITY 31 FED 4 SWD
 Project Number: (7/6/21)
 Project Location: NEW MEXICO

Sampling Date: 07/20/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 10 @ 1' (H211968-63)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.83	91.3	2.00	1.88		
Toluene*	<0.050	0.050	07/28/2021	ND	1.99	99.4	2.00	1.58		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	1.94	97.2	2.00	2.26		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	5.79	96.5	6.00	2.98		
Total BTX	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3600	16.0	07/29/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	197	98.5	200	0.0269	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	190	94.9	200	7.08	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 85.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 92.4 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 07/26/2021
 Reported: 08/02/2021
 Project Name: PROXIMITY 31 FED 4 SWD
 Project Number: (7/6/21)
 Project Location: NEW MEXICO

Sampling Date: 07/20/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 10 @ 2' (H211968-64)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.83	91.3	2.00	1.88		
Toluene*	<0.050	0.050	07/28/2021	ND	1.99	99.4	2.00	1.58		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	1.94	97.2	2.00	2.26		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	5.79	96.5	6.00	2.98		
Total BTX	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1150	16.0	07/29/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	197	98.5	200	0.0269	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	190	94.9	200	7.08	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 87.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 96.0 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/26/2021
 Reported: 08/02/2021
 Project Name: PROXIMITY 31 FED 4 SWD
 Project Number: (7/6/21)
 Project Location: NEW MEXICO

Sampling Date: 07/20/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 10 @ 3' (H211968-65)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/28/2021	ND	1.83	91.3	2.00	1.88	
Toluene*	<0.050	0.050	07/28/2021	ND	1.99	99.4	2.00	1.58	
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	1.94	97.2	2.00	2.26	
Total Xylenes*	<0.150	0.150	07/28/2021	ND	5.79	96.5	6.00	2.98	
Total BTX	<0.300	0.300	07/28/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	672	16.0	07/29/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	197	98.5	200	0.0269	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	190	94.9	200	7.08	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 87.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 94.3 % 38.9-142

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Analytical Results For:

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

Received:	07/26/2021	Sampling Date:	07/20/2021
Reported:	08/02/2021	Sampling Type:	Soil
Project Name:	PROXIMITY 31 FED 4 SWD	Sampling Condition:	Cool & Intact
Project Number:	(7/6/21)	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: SP 10 @ 4' (H211968-66)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	07/29/2021	ND	400	100	400	3.92	

Sample ID: SP 10 @ 5' (H211968-67)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/29/2021	ND	400	100	400	3.92		

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Analytical Results For:

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Received: 07/26/2021
 Reported: 08/02/2021
 Project Name: PROXIMITY 31 FED 4 SWD
 Project Number: (7/6/21)
 Project Location: NEW MEXICO

Sampling Date: 07/20/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 11 @ SURFACE (H211968-68)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.83	91.3	2.00	1.88		
Toluene*	<0.050	0.050	07/28/2021	ND	1.99	99.4	2.00	1.58		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	1.94	97.2	2.00	2.26		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	5.79	96.5	6.00	2.98		
Total BTX	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1090	16.0	07/29/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<50.0	50.0	07/28/2021	ND	197	98.5	200	0.0269	
DRO >C10-C28*	2270	50.0	07/28/2021	ND	190	94.9	200	7.08	
EXT DRO >C28-C36	1090	50.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 89.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 135 % 38.9-142

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Analytical Results For:

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

Received: 07/26/2021
 Reported: 08/02/2021
 Project Name: PROXIMITY 31 FED 4 SWD
 Project Number: (7/6/21)
 Project Location: NEW MEXICO

Sampling Date: 07/20/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 11 @ 1' (H211968-69)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/28/2021	ND	1.83	91.3	2.00	1.88	
Toluene*	<0.050	0.050	07/28/2021	ND	1.99	99.4	2.00	1.58	
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	1.94	97.2	2.00	2.26	
Total Xylenes*	<0.150	0.150	07/28/2021	ND	5.79	96.5	6.00	2.98	
Total BTX	<0.300	0.300	07/28/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4000	16.0	07/29/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	197	98.5	200	0.0269	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	190	94.9	200	7.08	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 88.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 94.4 % 38.9-142

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Analytical Results For:

BBC International, Inc.
 Cliff Brunson
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 Fax To: (575) 397-0397

Received: 07/26/2021
 Reported: 08/02/2021
 Project Name: PROXIMITY 31 FED 4 SWD
 Project Number: (7/6/21)
 Project Location: NEW MEXICO

Sampling Date: 07/20/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 11 @ 2' (H211968-70)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.83	91.3	2.00	1.88		
Toluene*	<0.050	0.050	07/28/2021	ND	1.99	99.4	2.00	1.58		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	1.94	97.2	2.00	2.26		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	5.79	96.5	6.00	2.98		
Total BTX	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4000	16.0	07/29/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	197	98.5	200	0.0269	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	190	94.9	200	7.08	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 86.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 97.3 % 38.9-142

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Analytical Results For:

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

Received: 07/26/2021
 Reported: 08/02/2021
 Project Name: PROXIMITY 31 FED 4 SWD
 Project Number: (7/6/21)
 Project Location: NEW MEXICO

Sampling Date: 07/20/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 11 @ 3' (H211968-71)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.83	91.3	2.00	1.88		
Toluene*	<0.050	0.050	07/28/2021	ND	1.99	99.4	2.00	1.58		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	1.94	97.2	2.00	2.26		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	5.79	96.5	6.00	2.98		
Total BTX	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3520	16.0	07/29/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	197	98.5	200	0.0269	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	190	94.9	200	7.08	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 86.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 97.5 % 38.9-142

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Analytical Results For:

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

Received: 07/26/2021
 Reported: 08/02/2021
 Project Name: PROXIMITY 31 FED 4 SWD
 Project Number: (7/6/21)
 Project Location: NEW MEXICO

Sampling Date: 07/20/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 11 @ 4' (H211968-72)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/28/2021	ND	1.83	91.3	2.00	1.88	
Toluene*	<0.050	0.050	07/28/2021	ND	1.99	99.4	2.00	1.58	
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	1.94	97.2	2.00	2.26	
Total Xylenes*	<0.150	0.150	07/28/2021	ND	5.79	96.5	6.00	2.98	
Total BTX	<0.300	0.300	07/28/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1300	16.0	07/29/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	197	98.5	200	0.0269	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	190	94.9	200	7.08	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 85.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 96.9 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	07/26/2021	Sampling Date:	07/20/2021
Reported:	08/02/2021	Sampling Type:	Soil
Project Name:	PROXIMITY 31 FED 4 SWD	Sampling Condition:	Cool & Intact
Project Number:	(7/6/21)	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: SP 11 @ 5' (H211968-73)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	07/29/2021	ND	400	100	400	3.92	

Sample ID: SP 11 @ 6' (H211968-74)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/29/2021	ND	432	108	400	0.00		

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Analytical Results For:

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 Cliff Brunson
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 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received: 07/26/2021
 Reported: 08/02/2021
 Project Name: PROXIMITY 31 FED 4 SWD
 Project Number: (7/6/21)
 Project Location: NEW MEXICO

Sampling Date: 07/21/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 12 @ SURFACE (H211968-75)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.83	91.3	2.00	1.88		
Toluene*	<0.050	0.050	07/28/2021	ND	1.99	99.4	2.00	1.58		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	1.94	97.2	2.00	2.26		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	5.79	96.5	6.00	2.98		
Total BTX	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1540	16.0	07/29/2021	ND	432	108	400	0.00		
TPH 8015M		mg/kg		Analyzed 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	07/28/2021	ND	204	102	200	2.29		
DRO >C10-C28*	2220	50.0	07/28/2021	ND	185	92.7	200	4.84	QM-07, QR-03	
EXT DRO >C28-C36	895	50.0	07/28/2021	ND						

Surrogate: 1-Chlorooctane 69.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 159 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/26/2021
 Reported: 08/02/2021
 Project Name: PROXIMITY 31 FED 4 SWD
 Project Number: (7/6/21)
 Project Location: NEW MEXICO

Sampling Date: 07/21/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 12 @ 1' (H211968-76)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.83	91.3	2.00	1.88		
Toluene*	<0.050	0.050	07/28/2021	ND	1.99	99.4	2.00	1.58		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	1.94	97.2	2.00	2.26		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	5.79	96.5	6.00	2.98		
Total BTX	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4640	16.0	07/29/2021	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	204	102	200	2.29	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	185	92.7	200	4.84	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 74.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 71.0 % 38.9-142

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Analytical Results For:

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

Received: 07/26/2021
 Reported: 08/02/2021
 Project Name: PROXIMITY 31 FED 4 SWD
 Project Number: (7/6/21)
 Project Location: NEW MEXICO

Sampling Date: 07/21/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 12 @ 2' (H211968-77)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.95	97.5	2.00	5.75		
Toluene*	<0.050	0.050	07/28/2021	ND	2.07	103	2.00	6.34		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	2.02	101	2.00	4.13		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	6.04	101	6.00	4.63		
Total BTX	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3160	16.0	07/29/2021	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	204	102	200	2.29	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	185	92.7	200	4.84	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 74.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 69.0 % 38.9-142

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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 07/26/2021
 Reported: 08/02/2021
 Project Name: PROXIMITY 31 FED 4 SWD
 Project Number: (7/6/21)
 Project Location: NEW MEXICO

Sampling Date: 07/21/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 12 @ 3' (H211968-78)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.95	97.5	2.00	5.75		
Toluene*	<0.050	0.050	07/28/2021	ND	2.07	103	2.00	6.34		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	2.02	101	2.00	4.13		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	6.04	101	6.00	4.63		
Total BTX	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	800	16.0	07/29/2021	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	204	102	200	2.29	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	185	92.7	200	4.84	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 76.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 71.1 % 38.9-142

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Analytical Results For:

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

Received:	07/26/2021	Sampling Date:	07/21/2021
Reported:	08/02/2021	Sampling Type:	Soil
Project Name:	PROXIMITY 31 FED 4 SWD	Sampling Condition:	Cool & Intact
Project Number:	(7/6/21)	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: SP 12 @ 4' (H211968-79)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	512	16.0	07/29/2021	ND	432	108	400	0.00		

Sample ID: SP 12 @ 5' (H211968-80)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/29/2021	ND	432	108	400	0.00	

Sample ID: SP 12 @ 6' (H211968-81)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/29/2021	ND	432	108	400	0.00		

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Received: 07/26/2021
 Reported: 08/02/2021
 Project Name: PROXIMITY 31 FED 4 SWD
 Project Number: (7/6/21)
 Project Location: NEW MEXICO

Sampling Date: 07/21/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 13 @ SURFACE (H211968-82)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.95	97.5	2.00	5.75		
Toluene*	<0.050	0.050	07/28/2021	ND	2.07	103	2.00	6.34		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	2.02	101	2.00	4.13		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	6.04	101	6.00	4.63		
Total BTX	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3760	16.0	07/29/2021	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/29/2021	ND	204	102	200	2.29	
DRO >C10-C28*	2000	10.0	07/29/2021	ND	185	92.7	200	4.84	
EXT DRO >C28-C36	821	10.0	07/29/2021	ND					

Surrogate: 1-Chlorooctane 70.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 139 % 38.9-142

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Analytical Results For:

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

Received: 07/26/2021
 Reported: 08/02/2021
 Project Name: PROXIMITY 31 FED 4 SWD
 Project Number: (7/6/21)
 Project Location: NEW MEXICO

Sampling Date: 07/21/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 13 @ 1' (H211968-83)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.95	97.5	2.00	5.75		
Toluene*	<0.050	0.050	07/28/2021	ND	2.07	103	2.00	6.34		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	2.02	101	2.00	4.13		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	6.04	101	6.00	4.63		
Total BTX	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3400	16.0	07/29/2021	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	204	102	200	2.29	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	185	92.7	200	4.84	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 74.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 71.0 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/26/2021
 Reported: 08/02/2021
 Project Name: PROXIMITY 31 FED 4 SWD
 Project Number: (7/6/21)
 Project Location: NEW MEXICO

Sampling Date: 07/21/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 13 @ 2' (H211968-84)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.95	97.5	2.00	5.75		
Toluene*	<0.050	0.050	07/28/2021	ND	2.07	103	2.00	6.34		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	2.02	101	2.00	4.13		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	6.04	101	6.00	4.63		
Total BTEX	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	768	16.0	07/29/2021	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	204	102	200	2.29	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	185	92.7	200	4.84	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 74.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 71.6 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/26/2021
 Reported: 08/02/2021
 Project Name: PROXIMITY 31 FED 4 SWD
 Project Number: (7/6/21)
 Project Location: NEW MEXICO

Sampling Date: 07/21/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 13 @ 3' (H211968-85)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.95	97.5	2.00	5.75		
Toluene*	<0.050	0.050	07/28/2021	ND	2.07	103	2.00	6.34		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	2.02	101	2.00	4.13		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	6.04	101	6.00	4.63		
Total BTEX	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	07/29/2021	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	204	102	200	2.29	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	185	92.7	200	4.84	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 72.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 68.1 % 38.9-142

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	07/26/2021	Sampling Date:	07/21/2021
Reported:	08/02/2021	Sampling Type:	Soil
Project Name:	PROXIMITY 31 FED 4 SWD	Sampling Condition:	Cool & Intact
Project Number:	(7/6/21)	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: SP 13 @ 4' (H211968-86)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/29/2021	ND	432	108	400	0.00		

Sample ID: SP 13 @ 5' (H211968-87)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/29/2021	ND	432	108	400	0.00	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/26/2021
 Reported: 08/02/2021
 Project Name: PROXIMITY 31 FED 4 SWD
 Project Number: (7/6/21)
 Project Location: NEW MEXICO

Sampling Date: 07/21/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 14 @ SURFACE (H211968-88)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.95	97.5	2.00	5.75		
Toluene*	<0.050	0.050	07/28/2021	ND	2.07	103	2.00	6.34		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	2.02	101	2.00	4.13		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	6.04	101	6.00	4.63		
Total BTX	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2800	16.0	07/29/2021	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed 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	07/28/2021	ND	204	102	200	2.29		
DRO >C10-C28*	13000	50.0	07/28/2021	ND	185	92.7	200	4.84		
EXT DRO >C28-C36	3800	50.0	07/28/2021	ND						

Surrogate: 1-Chlorooctane 81.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 488 % 38.9-142

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Analytical Results For:

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

Received: 07/26/2021
 Reported: 08/02/2021
 Project Name: PROXIMITY 31 FED 4 SWD
 Project Number: (7/6/21)
 Project Location: NEW MEXICO

Sampling Date: 07/21/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 14 @ 1' (H211968-89)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.95	97.5	2.00	5.75		
Toluene*	<0.050	0.050	07/28/2021	ND	2.07	103	2.00	6.34		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	2.02	101	2.00	4.13		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	6.04	101	6.00	4.63		
Total BTX	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3520	16.0	07/29/2021	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	204	102	200	2.29	
DRO >C10-C28*	31.3	10.0	07/28/2021	ND	185	92.7	200	4.84	
EXT DRO >C28-C36	35.7	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 75.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 72.2 % 38.9-142

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Analytical Results For:

BBC International, Inc.
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 Fax To: (575) 397-0397

Received: 07/26/2021
 Reported: 08/02/2021
 Project Name: PROXIMITY 31 FED 4 SWD
 Project Number: (7/6/21)
 Project Location: NEW MEXICO

Sampling Date: 07/21/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 14 @ 2' (H211968-90)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.95	97.5	2.00	5.75		
Toluene*	<0.050	0.050	07/28/2021	ND	2.07	103	2.00	6.34		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	2.02	101	2.00	4.13		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	6.04	101	6.00	4.63		
Total BTX	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	768	16.0	07/29/2021	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	204	102	200	2.29	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	185	92.7	200	4.84	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 74.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 69.3 % 38.9-142

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Analytical Results For:

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Received: 07/26/2021
 Reported: 08/02/2021
 Project Name: PROXIMITY 31 FED 4 SWD
 Project Number: (7/6/21)
 Project Location: NEW MEXICO

Sampling Date: 07/21/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 14 @ 3' (H211968-91)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.95	97.5	2.00	5.75		
Toluene*	<0.050	0.050	07/28/2021	ND	2.07	103	2.00	6.34		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	2.02	101	2.00	4.13		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	6.04	101	6.00	4.63		
Total BTX	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	624	16.0	07/29/2021	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	204	102	200	2.29	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	185	92.7	200	4.84	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 73.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 68.6 % 38.9-142

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Analytical Results For:

BBC International, Inc.
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 Fax To: (575) 397-0397

Received:	07/26/2021	Sampling Date:	07/21/2021
Reported:	08/02/2021	Sampling Type:	Soil
Project Name:	PROXIMITY 31 FED 4 SWD	Sampling Condition:	Cool & Intact
Project Number:	(7/6/21)	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: SP 14 @ 4' (H211968-92)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	07/29/2021	ND	432	108	400	0.00		

Sample ID: SP 14 @ 5' (H211968-93)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/29/2021	ND	432	108	400	0.00		

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Analytical Results For:

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Received: 07/26/2021
 Reported: 08/02/2021
 Project Name: PROXIMITY 31 FED 4 SWD
 Project Number: (7/6/21)
 Project Location: NEW MEXICO

Sampling Date: 07/21/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 15 @ SURFACE (H211968-94)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.95	97.5	2.00	5.75		
Toluene*	0.071	0.050	07/28/2021	ND	2.07	103	2.00	6.34		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	2.02	101	2.00	4.13		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	6.04	101	6.00	4.63		
Total BTEx	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	8930	16.0	07/29/2021	ND	416	104	400	3.77	QM-07	

TPH 8015M		mg/kg		Analyzed 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	07/28/2021	ND	204	102	200	2.29	
DRO >C10-C28*	6280	50.0	07/28/2021	ND	185	92.7	200	4.84	
EXT DRO >C28-C36	2160	50.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 70.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 296 % 38.9-142

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Analytical Results For:

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

Received: 07/26/2021
 Reported: 08/02/2021
 Project Name: PROXIMITY 31 FED 4 SWD
 Project Number: (7/6/21)
 Project Location: NEW MEXICO

Sampling Date: 07/21/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 15 @ 1' (H211968-95)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.95	97.5	2.00	5.75		
Toluene*	<0.050	0.050	07/28/2021	ND	2.07	103	2.00	6.34		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	2.02	101	2.00	4.13		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	6.04	101	6.00	4.63		
Total BTX	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4800	16.0	07/29/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	204	102	200	2.29	
DRO >C10-C28*	19.7	10.0	07/28/2021	ND	185	92.7	200	4.84	
EXT DRO >C28-C36	22.2	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 69.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 65.3 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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 Cliff Brunson
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 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received: 07/26/2021
 Reported: 08/02/2021
 Project Name: PROXIMITY 31 FED 4 SWD
 Project Number: (7/6/21)
 Project Location: NEW MEXICO

Sampling Date: 07/21/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 15 @ 2' (H211968-96)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.95	97.5	2.00	5.75		
Toluene*	<0.050	0.050	07/28/2021	ND	2.07	103	2.00	6.34		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	2.02	101	2.00	4.13		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	6.04	101	6.00	4.63		
Total BTX	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3280	16.0	07/29/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	204	102	200	2.29	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	185	92.7	200	4.84	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 74.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 68.2 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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 Cliff Brunson
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 Fax To: (575) 397-0397

Received: 07/26/2021
 Reported: 08/02/2021
 Project Name: PROXIMITY 31 FED 4 SWD
 Project Number: (7/6/21)
 Project Location: NEW MEXICO

Sampling Date: 07/21/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 15 @ 3' (H211968-97)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2021	ND	1.84	92.0	2.00	2.62		
Toluene*	<0.050	0.050	07/28/2021	ND	1.99	99.6	2.00	2.21		
Ethylbenzene*	<0.050	0.050	07/28/2021	ND	1.93	96.7	2.00	2.77		
Total Xylenes*	<0.150	0.150	07/28/2021	ND	5.78	96.4	6.00	2.57		
Total BTX	<0.300	0.300	07/28/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	720	16.0	07/29/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/28/2021	ND	204	102	200	2.29	
DRO >C10-C28*	<10.0	10.0	07/28/2021	ND	185	92.7	200	4.84	
EXT DRO >C28-C36	<10.0	10.0	07/28/2021	ND					

Surrogate: 1-Chlorooctane 72.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 65.9 % 38.9-142

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/26/2021	Sampling Date:	07/21/2021
Reported:	08/02/2021	Sampling Type:	Soil
Project Name:	PROXIMITY 31 FED 4 SWD	Sampling Condition:	Cool & Intact
Project Number:	(7/6/21)	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: SP 15 @ 4' (H211968-98)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	07/29/2021	ND	416	104	400	3.77		

Sample ID: SP 15 @ 5' (H211968-99)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/29/2021	ND	416	104	400	3.77		

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Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-04	The RPD for the BS/BSD was outside of historical limits.
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.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.

Project Manager: Cliff Brunson

Address: P.O. Box 805

City: Hobbs

Phone #: 575-397-6388

Project #:

Project Name: PROXIMITY 31 FED 4 SWD (7/6/21)

Project Location: NEW MEXICO

Sampler Name: SIMON RENDON

FOR LAB USE ONLY

BILL TO

ANALYSIS REQUEST

P.O. #:

Company: Oxy

Attn:

Address:

City:

State: Zip:

Phone #:

Fax #:

Lab I.D.

Sample I.D.

4/21/1968

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME	Chloride	BTEX	TPH Ext.
1	SP N @ SURFACE	G	1	GROUNDWATER			7-16-21	8:45 AM	✓	✓	✓
2	SPE @ SURFACE			WASTEWATER			7-16-21	9:05 AM	✓	✓	✓
3	SP W @ SURFACE			SOIL			7-16-21	9:22 AM	✓	✓	✓
4	SP S @ SURFACE			OIL			7-16-21	9:43 AM	✓	✓	✓
5	SP 1 @ SURFACE			SLUDGE			7-16-21	10:05 AM	✓	✓	✓
6	SP 1 @ 1'			OTHER :			7-16-21	10:23 AM	✓	✓	✓
7	SP 1 @ 2'			ACID/BASE:			7-16-21	10:34 AM	✓	✓	✓
8	SP 1 @ 3'			ICE / COOL			7-16-21	10:49 AM	✓	✓	✓
9	SP 1 @ 4'			OTHER :			7-16-21	11:10 AM	✓	✓	✓
10	SP 1 @ 5'						7-16-21	11:19 AM	✓	✓	✓

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Relinquished By:

Date: 7/16/21

Received By:

Relinquished By:

Date: 7/16/21

Received By:

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

3.3c #113

Sample Condition
Cool ☐ Intact ☐
Yes ☐ No ☐

CHECKED BY:

(Initials)

Phone Result: ☐ Yes ☐ No ☐ Add'l Phone #:
Fax Result: ☐ Yes ☐ No ☐ Add'l Fax #:

REMARKS:

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.

Project Manager: Cliff Brunson

Address: P.O. Box 805

City: Hobbs

Phone #: 575-397-6388

State: NM zip: 88241
Fax #: 575-397-0397

Project #:

Project Owner: Oxy

Project Name: PROXIMITY 31 FED 4 SWD (7/6/21)

Project Location: NEW MEXICO

Sampler Name: SIMON RENDON

FOR LAB USE ONLY

BILL TO

ANALYSIS REQUEST

P.O. #:

Company: Oxy

Attn:

Address:

City:

State:

Phone #:

Fax #:

Lab I.D.

Sample I.D.

4211968

SP 1 @ 6'

SP 1 @ 7'

SP 1 @ 8'

SP 2 @ SURFACE

SP 2 @ 1'

SP 2 @ 2'

SP 2 @ 3'

SP 2 @ 4'

SP 2 @ 5'

SP 2 @ 6'

SP 2 @ 6'

SP 2 @ 6'

SP 2 @ 6'

SP 2 @ 6'

SP 2 @ 6'

SP 2 @ 6'

SP 2 @ 6'

SP 1 @ 6'

SP 1 @ 7'

SP 1 @ 8'

SP 2 @ SURFACE

SP 2 @ 1'

SP 2 @ 2'

SP 2 @ 3'

SP 2 @ 4'

SP 2 @ 5'

SP 2 @ 6'

SP 2 @ 6'

SP 2 @ 6'

SP 2 @ 6'

SP 2 @ 6'

SP 2 @ 6'

SP 2 @ 6'

SP 2 @ 6'

SP 2 @ 6'

SP 1 @ 6'

SP 1 @ 7'

SP 1 @ 8'

SP 2 @ SURFACE

SP 2 @ 1'

SP 2 @ 2'

SP 2 @ 3'

SP 2 @ 4'

SP 2 @ 5'

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SP 1 @ 6'

SP 1 @ 7'

SP 1 @ 8'

SP 2 @ SURFACE

SP 2 @ 1'

SP 2 @ 2'

SP 2 @ 3'

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SP 1 @ 7'

SP 1 @ 8'

SP 2 @ SURFACE

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SP 1 @ 7'

SP 1 @ 8'

SP 2 @ SURFACE

SP 2 @ 1'

SP 2 @ 2'

SP 2 @ 3'

SP 2 @ 4'

SP 2 @ 5'

SP 2 @ 6'

SP 2 @ 6'

SP 2 @ 6'

SP 2 @ 6'

SP 2 @ 6'

SP 2 @ 6'

SP 2 @ 6'

SP 2 @ 6'

SP 2 @ 6'

SP 1 @ 6'

SP 1 @ 7'

SP 1 @ 8'

SP 2 @ SURFACE

SP 2 @ 1'



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs State: NM Zip: 88241 Phone #: 575-397-6388 Fax #: 575-397-0397 Project #: Project Name: PROXIMITY 31 FED 4 SWD (7/6/21) Project Location: NEW MEXICO Sampler Name: SIMON RENDON		P.O. #: Company: Oxy Attn: Address: City: State: Zip: Phone #: Fax #:	
BILL TO			
FOR LAB USE ONLY Lab I.D. H211968 Sample I.D.		ANALYSIS REQUEST	
SP 3 @ SURFACE SP 3 @ 1' SP 3 @ 2' SP 3 @ 3' SP 3 @ 4' SP 3 @ 5' SP 3 @ 6' SP 4 @ SURFACE SP 4 @ 1' SP 4 @ 2'	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	DATE TIME	ANALYSIS REQUEST
21	SP 3 @ SURFACE	7-16-21 2:26 PM	Chloride
22	SP 3 @ 1'	7-16-21 2:41 PM	BTEX
23	SP 3 @ 2'	7-16-21 2:54 PM	TPH Ext.
24	SP 3 @ 3'	7-16-21 3:09 PM	
25	SP 3 @ 4'	7-16-21 3:18 PM	
26	SP 3 @ 5'	7-16-21 3:25 PM	
27	SP 3 @ 6'	7-16-21 3:37 PM	
28	SP 4 @ SURFACE	7-19-21 8:40 AM	
29	SP 4 @ 1'	7-19-21 8:53 AM	
30	SP 4 @ 2'	7-19-21 9:12 AM	

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Relinquished By: *Simon Rendón* **Date:** 7-16-21 **Received By:** *Janet Fena* **Date:** 7-20-21
Relinquished By: *Janet Fena* **Date:** 7-20-21 **Received By:** *Janet Fena* **Date:** 7-20-21
Delivered By: (Circle One) *3.3c #113*
Sampler - UPS - Bus - Other: *3.3c #113*
Sample Condition: ☒ Cool ☐ Intact ☐ Yes ☐ No
CHECKED BY: *Janet Fena* **(Initials)** *JP.*

Phone Result: ☐ Yes ☐ No **Add'l Phone #:**
Fax Result: ☐ Yes ☐ No **Add'l Fax #:**
REMARKS:

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	BBC International, Inc.
Project Manager:	Cliff D.

Project Manager: Cliff Brunson

Address: P.O. Box 805

City: Hobbs

Phone #: 575-397-6388

Project #:

Project Name: PROXIMITY 31 FED 4 SWD (7/6/21)

Project Location: NEW MEXICO

Sampler Name:	SIMON RENDON
---------------	--------------

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Lab I.D.

Sample I.D.

H211968

SP 4 @ 3'

SP 4 @ 4"

SP 4 @ 5
CD 4 @ 5

SP 5 (a) S

SP 5 @ 1'

SP 5 @ 2'

SP 5 @ 3'

SP 5 @ 4'

SP 5 @ 5'

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cardinal belief for inci

Item	Amount	Balance
1. Cash	100.00	100.00
2. Accounts Receivable	200.00	200.00
3. Inventory	300.00	300.00
4. Prepaid Insurance	100.00	100.00
5. Equipment	500.00	500.00
6. Accounts Payable	150.00	150.00
7. Long-Term Debt	250.00	250.00
8. Equity	100.00	100.00
Total	1,350.00	1,350.00

2

~ Vega

21

all

(Circle One)

- Bus - Other

cannot accep

Page 83 of 89



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs Phone #: 575-397-6388 Fax #: 575-397-0397 Project #: Project Name: PROXIMITY 31 FED 4 SWD (7/6/21) Project Location: NEW MEXICO Sampler Name: SIMON RENDON				P.O. #: Company: Oxy Attn: Address: City: State: Zip: Phone #: Fax #:											
BILL TO				ANALYSIS REQUEST											
FOR LAB USE ONLY Lab I.D. Sample I.D. H21948 41 SP 6 @ SURFACE 42 SP 6 @ 1' 43 SP 6 @ 2' 44 SP 6 @ 3' 45 SP 7 @ SURFACE 46 SP 7 @ 1' 47 SP 7 @ 2' 48 SP 7 @ 3' 49 SP 7 @ 4' 50 SP 8 @ SURFACE				(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:				DATE TIME 7-19-21 1:20 PM 7-19-21 1:34 PM 7-19-21 1:44 PM 7-19-21 2:20 PM 7-19-21 2:36 PM 7-19-21 2:51 PM 7-19-21 3:05 PM 7-19-21 3:14 PM 7-19-21 3:24 PM 7-20-21 8:45 AM				Chloride BTEX TPH EXT.			
Relinquished By: Simon Rendón Date: 7-20-21 Time: 8:00 AM Received By: Cliff Brunson Date: 7-20-21 Time: 4:55 PM				Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Checked By: (Initials) J.C.				Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Remarks:							

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs Phone #: 575-397-6388 Project #: Project Name: PROXIMITY 31 FED 4 SWD (7/6/21) Project Location: NEW MEXICO Sampler Name: SIMON RENDON				P.O. #: Company: Oxy Attn: Address: City: State: Zip: Phone #: Fax #:							
Lab I.D. Sample I.D. H21968 S1 SP 8 @ 1' S2 SP 8 @ 2' S3 SP 8 @ 3' S4 SP 8 @ 4' S5 SP 9 @ SURFACE S6 SP 9 @ 1' S7 SP 9 @ 2' S8 SP 9 @ 3' S9 SP 9 @ 4' S10 SP 9 @ 5'				(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER : DATE TIME				MATRIX PRESERV SAMPLING Chloride BTEX TPH EXT.			
PLEASE NOTE: Liability and Damages. Cardholder's liability and client's exclusive remedy for any claim arising from this contract or tort, shall be limited to the amount paid by the client for the service. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal. (Signatures of whether party claim is based upon any of the above stated regions, or otherwise)				Reinquished By: Simon Rendón Date: 7-26-21 Received By: [Signature] Time: 8:00 AM Delivered By: (Circle One) [Signature] Time: 7:45 PM Sample Condition: [X] Intact [] Cool [] Yes [] No [] CHECKED BY: (Initials) T.O. Sampler - UPS - Bus - Other: 3.3c #113 REMARKS:							



ORDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs State: NM Zip: 88241 Phone #: 575-397-6388 Fax #: 575-397-0397 Project #: Project Name: PROXIMITY 31 FED 4 SWD (7/6/21) Project Location: NEW MEXICO Sampler Name: SIMON RENDON				P.O. #: Company: Oxy Attn: Address: City: State: Zip: Phone #: Fax #:			
FOR LAB USE ONLY				BILL TO			
Lab I.D. Sample I.D.				(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :		MATRIX PRESERV SAMPLING	
				DATE		TIME	
H211968 61 SP 9 @ 6' 62 SP 10 @ SURFACE 63 SP 10 @ 1' 64 SP 10 @ 2' 65 SP 10 @ 3' 66 SP 10 @ 4' 67 SP 10 @ 5' 68 SP 11 @ SURFACE 69 SP 11 @ 1' 70 SP 11 @ 2'				7-20-21 11:21 AM 7-20-21 11:37 AM 7-20-21 11:57 AM 7-20-21 12:52 PM 7-20-21 1:08 PM 7-20-21 1:21 PM 7-20-21 1:34 PM 7-20-21 1:52 PM 7-20-21 2:12 PM 7-20-21 2:25 PM		Chloride BTEX TPH-Ext.	
Requisitioned By: <i>Simon Rendón</i> Date: 7/26/21 Time: 8:00 AM Received By: <i>Simon Rendón</i> Date: 7/26/21 Time: 4:45 PM				Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Fax #: REMARKS:			



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.				BILL TO							
Project Manager: Cliff Brunson				P.O. #:							
Address: P.O. Box 805				Company: Oxy							
City: Hobbs				Attn:							
Phone #: 575-397-6388				Address:							
State: NM Zip: 88241				City:							
Fax #: 575-397-0397				State: Zip:							
Project #:				Project Name: PROXIMITY 31 FED 4 SWD (7/6/21)							
Project Location: NEW MEXICO				Phone #:							
Sampler Name: SIMON RENDON				Fax #:							
FOR LAB USE ONLY				ANALYSIS REQUEST							
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING	DATE	TIME	Chloride	BTEX	TPH-Ext.
H211968	SP 11 @ 3'	✓	✓	✓	✓	✓	7-20-21	2:41 PM	✓	✓	✓
71	SP 11 @ 4'	✓	✓	✓	✓	✓	7-20-21	2:53 PM	✓	✓	✓
72	SP 11 @ 5'	✓	✓	✓	✓	✓	7-20-21	3:10 PM	✓	✓	✓
73	SP 11 @ 6'	✓	✓	✓	✓	✓	7-20-21	3:18 PM	✓	✓	✓
74	SP 12 @ SURFACE	✓	✓	✓	✓	✓	7-21-21	8:50 AM	✓	✓	✓
75	SP 12 @ 1'	✓	✓	✓	✓	✓	7-21-21	9:04 AM	✓	✓	✓
76	SP 12 @ 2'	✓	✓	✓	✓	✓	7-21-21	9:16 AM	✓	✓	✓
77	SP 12 @ 3'	✓	✓	✓	✓	✓	7-21-21	9:25 AM	✓	✓	✓
78	SP 12 @ 4'	✓	✓	✓	✓	✓	7-21-21	9:39 AM	✓	✓	✓
79	SP 12 @ 5'	✓	✓	✓	✓	✓	7-21-21	9:52 AM	✓	✓	✓
80											
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising from this contract or for the amount paid by the client for the analysis. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruption, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or licensees arising out of or related to the performance of services hereunder by Cardinal. Cardinal's liability for each claim is limited to the amount paid by the client for the analysis.											
Relinquished By: <i>Simon Rendón</i>				Date: 7-20-21 Received By: <i>Simon Rendón</i>				Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:			
Relinquished By: <i>Simon Rendón</i>				Date: 7-20-21 Received By: <i>Simon Rendón</i>				Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:			
Delivered By: (Circle One) <i>3.3c</i>				Sample Condition: <input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No				CHECKED BY: (Initials) <i>YB</i>			
Sampler - UPS - Bus - Other: <i>3.3c #113</i>				Remarks:							



ARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs State: NM Zip: 88241 Phone #: 575-397-6388 Fax #: 575-397-0397 Project #: Project Name: PROXIMITY 31 FED 4 SWD (7/6/21) Project Location: NEW MEXICO Sampler Name: SIMON RENDON				P.O. #: Company: Oxy Attn: Address: City: State: Zip: Phone #: Fax #:			
BILL TO				ANALYSIS REQUEST			
Lab I.D. H21968 Sample I.D.				DATE TIME 7-21-21 10:06 AM 7-21-21 10:26 AM 7-21-21 10:41 AM 7-21-21 10:53 AM 7-21-21 11:08 AM 7-21-21 11:17 AM 7-21-21 11:31 AM 7-21-21 11:42 AM 7-21-21 11:59 AM 7-21-21 12:46 PM			
SP 12 @ 6' SP 13 @ SURFACE SP 13 @ 1' SP 13 @ 2' SP 13 @ 3' SP 13 @ 4' SP 13 @ 5' SP 14 @ SURFACE SP 14 @ 1' SP 14 @ 2'				(G)RAB OR (C)OMP. # CONTAINERS MATRIX GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:			
Relinquished By: Simon Rendón Date: 7-21-21 Time: 6:00 AM Received By: Simon Rendón Date: 7-21-21 Time: 4:45 PM Delivered By: (Circle One) UPS - Bus - Other: 8.36 #113 Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No CHECKED BY: (Initials) T.E.				Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No REMARKS:			

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



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs Phone #: 575-397-6388 Fax #: 575-397-0397 Project #: Project Name: PROXIMITY 31 FED 4 SWD (7/6/21) Project Location: NEW MEXICO Sampler Name: SIMON RENDON		P.O. #: Company: Oxy Attn: Address: City: State: Zip: Phone #: Fax #:	
Lab I.D. H2119168 91 92 93 94 95 96 97 98 99		Sample I.D. SP 14 @ 3' SP 14 @ 4' SP 14 @ 5' SP 15 @ SURFACE SP 15 @ 1' SP 15 @ 2' SP 15 @ 3' SP 15 @ 4' SP 15 @ 5'	
FOR LAB USE ONLY (G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:		MATRIX PRESERV SAMPLING DATE TIME	
7-21-21 1:04 PM 7-21-21 1:15 PM 7-21-21 1:28 PM 7-21-21 1:42 PM 7-21-21 1:53 PM 7-21-21 2:10 PM 7-21-21 2:19 PM 7-21-21 2:31 PM 7-21-21 2:40 PM		Chloride BTEX TPH-EXT.	
Relinquished By: Simon Rendón Date: 7/21/21 Received By: Simon Rendón Time: 8:00 AM Date: 7/21/21 Received By: Simon Rendón Time: 4:45 PM		Delivered By: (Circle One) UPS - Bus - Other: 3.3c #113 Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> Checked By: (Initials) YS	
REMARKS: Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: Add'l Fax #:	

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

CONDITIONS

Action 79329

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 79329
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
chensley	Closure report due 05/23/2022	2/22/2022