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## DELINEATION/REMEDIATION WORKPLAN

### OXY – BRAVO DOME 1835 151G LEG 7 (Leak Date: 12/23/20)

**Incident ID: NAPP2103557478**

This delineation workplan and remediation proposal addresses the releases associated with Incident ID #NAPP2103557478.

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, SP3, and SP7 (GREEN shade on diagram) will be excavated to a depth of 1 foot. The leak area near SP2 and SP5 (PINK shade on diagram) will be excavated to a depth of 3 feet. The leak area near SP4 (BLUE shade on diagram) will be excavated to a depth of 4 feet. The leak area near SP6 (ORANGE shade on diagram) will be excavated to a depth of 2 feet.***

***OXY will collect bottom and sidewall confirmation samples every 200 square feet. The estimated amount of soil to be excavated is 1,044 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 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	NAPP2103557478
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?	182 (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 <b>not</b> 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

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State of New Mexico  
Oil Conservation Division

Incident ID	NAPP2103557478
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: 6-16-21email: 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	NAPP2103557478
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: 6-16-21  
email: wade\_dittrich@oxy.com Telephone: (575) 390-2828

**OCD Only**Received by: Chad Hensley Date: 08/30/2021☒ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral ApprovedSignature:  Date: 08/30/2021



# Oxy Bravo Dome 1835 151G Leg 7

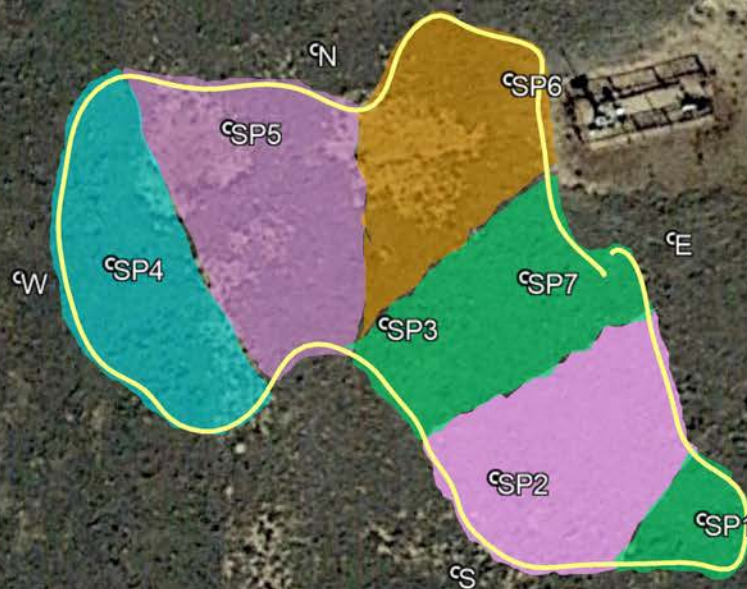
Leak Date: 12/23/20

Union County, NM

Incident ID: nAPP2103557478

## Legend

- 2' Excavation
- 3' Excavation
- 4' Excavation
- 1' Excavation
- Leak Area
- Sample Area



Google Earth

100 ft



Laboratory Analytical Results Summary  
Oxy, BRAVO DOME 1835 151G(12/23/20)

		Sample ID	SP N @ SURFACE	SP E @ SURFACE	SP W @ SURFACE	SP S @ SURFACE
Analyte	Method	Date	5/7/21	5/7/21	5/7/21	5/7/21
			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	SP 1 @ SURFACE	SP 1 @ 1'	SP 1 @ 2'
Analyte	Method	Date	5/7/21	5/7/21	5/7/21
			mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	N/A
Toluene	BTEX 8021B		<0.050	<0.050	N/A
Ethylbenzene	BTEX 8021B		<0.050	<0.050	N/A
Total Xylenes	BTEX 8021B		<0.150	<0.150	N/A
Total BTEX	BTEX 8021B		<0.300	<0.300	N/A
Chloride	SM4500Cl-B		2280.0	16.0	32
GRO	TPH 8015M		<10.0	<10.0	N/A
DRO	TPH 8015M		<10.0	<10.0	N/A
EXT DRO	TPH 8015M		<10.0	<10.0	N/A

		Sample ID	SP 2 @ SURFACE	SP 2 @ 1'	SP 2 @ 2'	SP 2 @ 3'	SP 2 @ 4'
Analyte	Method	Date	5/7/21	5/7/21	5/7/21	5/7/21	5/7/21
			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		11100.0	624.0	688	336	112
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

		Sample ID	SP 3 @ SURFACE	SP 3 @ 1'	SP 3 @ 2'
Analyte	Method	Date	5/7/21	5/7/21	5/7/21
			mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	N/A
Toluene	BTEX 8021B		<0.050	<0.050	N/A
Ethylbenzene	BTEX 8021B		<0.050	<0.050	N/A
Total Xylenes	BTEX 8021B		<0.150	<0.150	N/A
Total BTEX	BTEX 8021B		<0.300	<0.300	N/A
Chloride	SM4500Cl-B		16000.0	272.0	64
GRO	TPH 8015M		<10.0	<10.0	N/A
DRO	TPH 8015M		<10.0	<10.0	N/A
EXT DRO	TPH 8015M		<10.0	<10.0	N/A

Laboratory Analytical Results Summary  
Oxy, BRAVO DOME 1835 151G(12/23/20)

		Sample ID	SP 4 @ SURFACE	SP 4 @ 1'	SP 4 @ 2'	SP 4 @ 3'	SP 4 @ 4'	SP 4 @ 5'
Analyte	Method	Date	5/7/21	5/7/21	5/7/21	5/7/21	5/7/21	5/7/21
			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		31600.0	2800.0	2360	2360	352	32
GRO	TPH 8015M		<10.0	<10.0	N/A	N/A	N/A	N/A
DRO	TPH 8015M		<10.0	<10.0	N/A	N/A	N/A	N/A
EXT DRO	TPH 8015M		<10.0	<10.0	N/A	N/A	N/A	N/A

		Sample ID	SP 5 @ SURFACE	SP 5 @ 1'	SP 5 @ 2'	SP 5 @ 3'	SP 5 @ 4'
Analyte	Method	Date	5/7/21	5/7/21	5/7/21	5/7/21	5/7/21
			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		34400.0	3440.0	1070	<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

		Sample ID	SP 6 @ SURFACE	SP 6 @ 1'	SP 6 @ 2'	SP 6 @ 3'
Analyte	Method	Date	5/7/21	5/7/21	5/7/21	5/7/21
			mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	N/A	N/A
Toluene	BTEX 8021B		<0.050	<0.050	N/A	N/A
Ethylbenzene	BTEX 8021B		<0.050	<0.050	N/A	N/A
Total Xylenes	BTEX 8021B		<0.150	<0.150	N/A	N/A
Total BTEX	BTEX 8021B		<0.300	<0.300	N/A	N/A
Chloride	SM4500Cl-B		15600.0	4560.0	<16.0	32
GRO	TPH 8015M		<10.0	<10.0	N/A	N/A
DRO	TPH 8015M		<10.0	<10.0	N/A	N/A
EXT DRO	TPH 8015M		<10.0	<10.0	N/A	N/A

		Sample ID	SP 7 @ SURFACE	SP 7 @ 1'	SP 7 @ 2'
Analyte	Method	Date	5/7/21	5/7/21	5/7/21
			mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	N/A
Toluene	BTEX 8021B		<0.050	<0.050	N/A
Ethylbenzene	BTEX 8021B		<0.050	<0.050	N/A
Total Xylenes	BTEX 8021B		<0.150	<0.150	N/A
Total BTEX	BTEX 8021B		<0.300	<0.300	N/A
Chloride	SM4500Cl-B		14400.0	96.0	32
GRO	TPH 8015M		<10.0	<10.0	N/A
DRO	TPH 8015M		<10.0	<10.0	N/A
EXT DRO	TPH 8015M		<10.0	<10.0	N/A



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

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May 19, 2021

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: BRAVO DOME 1835 151 G

Enclosed are the results of analyses for samples received by the laboratory on 05/14/21 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](http://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, flowing style.

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:	05/14/2021	Sampling Date:	05/07/2021
Reported:	05/19/2021	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151 G	Sampling Condition:	Cool & Intact
Project Number:	( 12-23-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY-UNION CO NM		

**Sample ID: SP N @ SURFACE (H211262-01)**

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	05/18/2021	ND	1.88	93.8	2.00	6.50		
Toluene*	<0.050	0.050	05/18/2021	ND	2.10	105	2.00	5.84		
Ethylbenzene*	<0.050	0.050	05/18/2021	ND	2.16	108	2.00	4.66		
Total Xylenes*	<0.150	0.150	05/18/2021	ND	6.38	106	6.00	4.89		
Total BTEX	<0.300	0.300	05/18/2021	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/18/2021	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2021	ND	226	113	200	2.15	
DRO >C10-C28*	<10.0	10.0	05/17/2021	ND	235	117	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	05/17/2021	ND					

Surrogate: 1-Chlorooctane 94.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 94.2 % 38.9-142

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

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: 05/14/2021  
 Reported: 05/19/2021  
 Project Name: BRAVO DOME 1835 151 G  
 Project Number: ( 12-23-20 )  
 Project Location: OXY-UNION CO NM

Sampling Date: 05/07/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP E @ SURFACE (H211262-02)**

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	05/18/2021	ND	1.88	93.8	2.00	6.50	
Toluene*	<0.050	0.050	05/18/2021	ND	2.10	105	2.00	5.84	
Ethylbenzene*	<0.050	0.050	05/18/2021	ND	2.16	108	2.00	4.66	
Total Xylenes*	<0.150	0.150	05/18/2021	ND	6.38	106	6.00	4.89	
Total BTX	<0.300	0.300	05/18/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/18/2021	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2021	ND	226	113	200	2.15	
DRO >C10-C28*	<10.0	10.0	05/17/2021	ND	235	117	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	05/17/2021	ND					

Surrogate: 1-Chlorooctane 94.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 92.0 % 38.9-142

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

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: 05/14/2021  
 Reported: 05/19/2021  
 Project Name: BRAVO DOME 1835 151 G  
 Project Number: ( 12-23-20 )  
 Project Location: OXY-UNION CO NM

Sampling Date: 05/07/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP W @ SURFACE (H211262-03)**

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	05/18/2021	ND	1.88	93.8	2.00	6.50	
Toluene*	<0.050	0.050	05/18/2021	ND	2.10	105	2.00	5.84	
Ethylbenzene*	<0.050	0.050	05/18/2021	ND	2.16	108	2.00	4.66	
Total Xylenes*	<0.150	0.150	05/18/2021	ND	6.38	106	6.00	4.89	
Total BTX	<0.300	0.300	05/18/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/18/2021	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2021	ND	226	113	200	2.15	
DRO >C10-C28*	<10.0	10.0	05/17/2021	ND	235	117	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	05/17/2021	ND					

Surrogate: 1-Chlorooctane 95.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 91.2 % 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: 05/14/2021  
 Reported: 05/19/2021  
 Project Name: BRAVO DOME 1835 151 G  
 Project Number: ( 12-23-20 )  
 Project Location: OXY-UNION CO NM

Sampling Date: 05/07/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP S @ SURFACE (H211262-04)**

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	05/18/2021	ND	1.88	93.8	2.00	6.50		
Toluene*	<0.050	0.050	05/18/2021	ND	2.10	105	2.00	5.84		
Ethylbenzene*	<0.050	0.050	05/18/2021	ND	2.16	108	2.00	4.66		
Total Xylenes*	<0.150	0.150	05/18/2021	ND	6.38	106	6.00	4.89		
Total BTX	<0.300	0.300	05/18/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/18/2021	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2021	ND	226	113	200	2.15	
DRO >C10-C28*	<10.0	10.0	05/17/2021	ND	235	117	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	05/17/2021	ND					

Surrogate: 1-Chlorooctane 96.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 92.9 % 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  
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 Fax To: (575) 397-0397

Received: 05/14/2021  
 Reported: 05/19/2021  
 Project Name: BRAVO DOME 1835 151 G  
 Project Number: ( 12-23-20 )  
 Project Location: OXY-UNION CO NM

Sampling Date: 05/07/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 1 @ SURFACE (H211262-05)**

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	05/18/2021	ND	1.88	93.8	2.00	6.50		
Toluene*	<0.050	0.050	05/18/2021	ND	2.10	105	2.00	5.84		
Ethylbenzene*	<0.050	0.050	05/18/2021	ND	2.16	108	2.00	4.66		
Total Xylenes*	<0.150	0.150	05/18/2021	ND	6.38	106	6.00	4.89		
Total BTX	<0.300	0.300	05/18/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2280	16.0	05/18/2021	ND	416	104	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	05/17/2021	ND	226	113	200	2.15	
DRO >C10-C28*	<10.0	10.0	05/17/2021	ND	235	117	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	05/17/2021	ND					

Surrogate: 1-Chlorooctane 99.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 94.3 % 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: 05/14/2021  
 Reported: 05/19/2021  
 Project Name: BRAVO DOME 1835 151 G  
 Project Number: ( 12-23-20 )  
 Project Location: OXY-UNION CO NM

Sampling Date: 05/07/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 1 @ 1' (H211262-06)**

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	05/18/2021	ND	1.88	93.8	2.00	6.50		
Toluene*	<0.050	0.050	05/18/2021	ND	2.10	105	2.00	5.84		
Ethylbenzene*	<0.050	0.050	05/18/2021	ND	2.16	108	2.00	4.66		
Total Xylenes*	<0.150	0.150	05/18/2021	ND	6.38	106	6.00	4.89		
Total BTX	<0.300	0.300	05/18/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/18/2021	ND	416	104	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	05/17/2021	ND	226	113	200	2.15	
DRO >C10-C28*	<10.0	10.0	05/17/2021	ND	235	117	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	05/17/2021	ND					

Surrogate: 1-Chlorooctane 91.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 86.7 % 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: 05/14/2021  
 Reported: 05/19/2021  
 Project Name: BRAVO DOME 1835 151 G  
 Project Number: ( 12-23-20 )  
 Project Location: OXY-UNION CO NM

Sampling Date: 05/07/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 1 @ 2' (H211262-07)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/18/2021	ND	416	104	400	3.92		

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**Analytical Results For:**

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Received: 05/14/2021  
 Reported: 05/19/2021  
 Project Name: BRAVO DOME 1835 151 G  
 Project Number: ( 12-23-20 )  
 Project Location: OXY-UNION CO NM

Sampling Date: 05/07/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 2 @ SURFACE (H211262-08)**

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	05/18/2021	ND	1.88	93.8	2.00	6.50		
Toluene*	<0.050	0.050	05/18/2021	ND	2.10	105	2.00	5.84		
Ethylbenzene*	<0.050	0.050	05/18/2021	ND	2.16	108	2.00	4.66		
Total Xylenes*	<0.150	0.150	05/18/2021	ND	6.38	106	6.00	4.89		
Total BTX	<0.300	0.300	05/18/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	11100	16.0	05/18/2021	ND	416	104	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	05/17/2021	ND	226	113	200	2.15	
DRO >C10-C28*	<10.0	10.0	05/17/2021	ND	235	117	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	05/17/2021	ND					

Surrogate: 1-Chlorooctane 98.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 92.2 % 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: 05/14/2021  
 Reported: 05/19/2021  
 Project Name: BRAVO DOME 1835 151 G  
 Project Number: ( 12-23-20 )  
 Project Location: OXY-UNION CO NM

Sampling Date: 05/07/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 2 @ 1' (H211262-09)**

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	05/18/2021	ND	1.88	93.8	2.00	6.50		
Toluene*	<0.050	0.050	05/18/2021	ND	2.10	105	2.00	5.84		
Ethylbenzene*	<0.050	0.050	05/18/2021	ND	2.16	108	2.00	4.66		
Total Xylenes*	<0.150	0.150	05/18/2021	ND	6.38	106	6.00	4.89		
Total BTX	<0.300	0.300	05/18/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	624	16.0	05/18/2021	ND	416	104	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	05/17/2021	ND	226	113	200	2.15	
DRO >C10-C28*	<10.0	10.0	05/17/2021	ND	235	117	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	05/17/2021	ND					

Surrogate: 1-Chlorooctane 98.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 94.7 % 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: 05/14/2021  
 Reported: 05/19/2021  
 Project Name: BRAVO DOME 1835 151 G  
 Project Number: ( 12-23-20 )  
 Project Location: OXY-UNION CO NM

Sampling Date: 05/07/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 2 @ 2' (H211262-10)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	688	16.0	05/18/2021	ND	416	104	400	3.92		

**Sample ID: SP 2 @ 3' (H211262-11)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	05/18/2021	ND	416	104	400	3.92		

**Sample ID: SP 2 @ 4' (H211262-12)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	05/18/2021	ND	416	104	400	3.92		

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

Received: 05/14/2021  
 Reported: 05/19/2021  
 Project Name: BRAVO DOME 1835 151 G  
 Project Number: ( 12-23-20 )  
 Project Location: OXY-UNION CO NM

Sampling Date: 05/07/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 3 @ SURFACE (H211262-13)**

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	05/18/2021	ND	1.88	93.8	2.00	6.50		
Toluene*	<0.050	0.050	05/18/2021	ND	2.10	105	2.00	5.84		
Ethylbenzene*	<0.050	0.050	05/18/2021	ND	2.16	108	2.00	4.66		
Total Xylenes*	<0.150	0.150	05/18/2021	ND	6.38	106	6.00	4.89		
Total BTEx	<0.300	0.300	05/18/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16000	16.0	05/18/2021	ND	416	104	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	05/17/2021	ND	226	113	200	2.15	
DRO >C10-C28*	<10.0	10.0	05/17/2021	ND	235	117	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	05/17/2021	ND					

Surrogate: 1-Chlorooctane 95.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 91.4 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

BBC International, Inc.  
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 P.O. Box 805  
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 Fax To: (575) 397-0397

Received: 05/14/2021  
 Reported: 05/19/2021  
 Project Name: BRAVO DOME 1835 151 G  
 Project Number: ( 12-23-20 )  
 Project Location: OXY-UNION CO NM

Sampling Date: 05/07/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 3 @ 1' (H211262-14)**

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	05/18/2021	ND	1.88	93.8	2.00	6.50		
Toluene*	<0.050	0.050	05/18/2021	ND	2.10	105	2.00	5.84		
Ethylbenzene*	<0.050	0.050	05/18/2021	ND	2.16	108	2.00	4.66		
Total Xylenes*	<0.150	0.150	05/18/2021	ND	6.38	106	6.00	4.89		
Total BTEx	<0.300	0.300	05/18/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	05/18/2021	ND	416	104	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	05/17/2021	ND	226	113	200	2.15	
DRO >C10-C28*	<10.0	10.0	05/17/2021	ND	235	117	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	05/17/2021	ND					

Surrogate: 1-Chlorooctane 99.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 94.3 % 38.9-142

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\*=Accredited Analyte

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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: 05/14/2021  
 Reported: 05/19/2021  
 Project Name: BRAVO DOME 1835 151 G  
 Project Number: ( 12-23-20 )  
 Project Location: OXY-UNION CO NM

Sampling Date: 05/07/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 3 @ 2' (H211262-15)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/18/2021	ND	416	104	400	3.92	

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**Analytical Results For:**

BBC International, Inc.  
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Received: 05/14/2021  
 Reported: 05/19/2021  
 Project Name: BRAVO DOME 1835 151 G  
 Project Number: ( 12-23-20 )  
 Project Location: OXY-UNION CO NM

Sampling Date: 05/07/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 4 @ SURFACE (H211262-16)**

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	05/18/2021	ND	1.88	93.8	2.00	6.50	
Toluene*	<0.050	0.050	05/18/2021	ND	2.10	105	2.00	5.84	
Ethylbenzene*	<0.050	0.050	05/18/2021	ND	2.16	108	2.00	4.66	
Total Xylenes*	<0.150	0.150	05/18/2021	ND	6.38	106	6.00	4.89	
Total BTX	<0.300	0.300	05/18/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	31600	16.0	05/18/2021	ND	416	104	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	05/18/2021	ND	226	113	200	2.15	
DRO >C10-C28*	<10.0	10.0	05/18/2021	ND	235	117	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	05/18/2021	ND					

Surrogate: 1-Chlorooctane 114 % 44.3-133

Surrogate: 1-Chlorooctadecane 109 % 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: 05/14/2021  
 Reported: 05/19/2021  
 Project Name: BRAVO DOME 1835 151 G  
 Project Number: ( 12-23-20 )  
 Project Location: OXY-UNION CO NM

Sampling Date: 05/07/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 4 @ 1' (H211262-17)**

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	05/18/2021	ND	1.88	93.8	2.00	6.50		
Toluene*	<0.050	0.050	05/18/2021	ND	2.10	105	2.00	5.84		
Ethylbenzene*	<0.050	0.050	05/18/2021	ND	2.16	108	2.00	4.66		
Total Xylenes*	<0.150	0.150	05/18/2021	ND	6.38	106	6.00	4.89		
Total BTX	<0.300	0.300	05/18/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2800	16.0	05/18/2021	ND	416	104	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	05/18/2021	ND	226	113	200	2.15	
DRO >C10-C28*	<10.0	10.0	05/18/2021	ND	235	117	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	05/18/2021	ND					

Surrogate: 1-Chlorooctane 106 % 44.3-133

Surrogate: 1-Chlorooctadecane 102 % 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: 05/14/2021  
 Reported: 05/19/2021  
 Project Name: BRAVO DOME 1835 151 G  
 Project Number: ( 12-23-20 )  
 Project Location: OXY-UNION CO NM

Sampling Date: 05/07/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 4 @ 2' (H211262-18)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2360	16.0	05/18/2021	ND	416	104	400	3.92		

**Sample ID: SP 4 @ 3' (H211262-19)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2360	16.0	05/18/2021	ND	416	104	400	3.92	

**Sample ID: SP 4 @ 4' (H211262-20)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	05/18/2021	ND	416	104	400	3.92		

**Sample ID: SP 4 @ 5' (H211262-21)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/18/2021	ND	416	104	400	3.92		

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**Analytical Results For:**

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 Fax To: (575) 397-0397

Received: 05/14/2021  
 Reported: 05/19/2021  
 Project Name: BRAVO DOME 1835 151 G  
 Project Number: ( 12-23-20 )  
 Project Location: OXY-UNION CO NM

Sampling Date: 05/07/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 5 @ SURFACE (H211262-22)**

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	05/18/2021	ND	1.88	93.8	2.00	6.50	
Toluene*	<0.050	0.050	05/18/2021	ND	2.10	105	2.00	5.84	
Ethylbenzene*	<0.050	0.050	05/18/2021	ND	2.16	108	2.00	4.66	
Total Xylenes*	<0.150	0.150	05/18/2021	ND	6.38	106	6.00	4.89	
Total BTX	<0.300	0.300	05/18/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	34400	16.0	05/18/2021	ND	416	104	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	05/18/2021	ND	226	113	200	2.15	
DRO >C10-C28*	<10.0	10.0	05/18/2021	ND	235	117	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	05/18/2021	ND					

Surrogate: 1-Chlorooctane 103 % 44.3-133

Surrogate: 1-Chlorooctadecane 98.7 % 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: 05/14/2021  
 Reported: 05/19/2021  
 Project Name: BRAVO DOME 1835 151 G  
 Project Number: ( 12-23-20 )  
 Project Location: OXY-UNION CO NM

Sampling Date: 05/07/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 5 @ 1' (H211262-23)**

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	05/18/2021	ND	1.88	93.8	2.00	6.50		
Toluene*	<0.050	0.050	05/18/2021	ND	2.10	105	2.00	5.84		
Ethylbenzene*	<0.050	0.050	05/18/2021	ND	2.16	108	2.00	4.66		
Total Xylenes*	<0.150	0.150	05/18/2021	ND	6.38	106	6.00	4.89		
Total BTEx	<0.300	0.300	05/18/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3440	16.0	05/18/2021	ND	416	104	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	05/18/2021	ND	208	104	200	10.0	
DRO >C10-C28*	<10.0	10.0	05/18/2021	ND	178	88.9	200	29.4	
EXT DRO >C28-C36	<10.0	10.0	05/18/2021	ND					

Surrogate: 1-Chlorooctane 107 % 44.3-133

Surrogate: 1-Chlorooctadecane 115 % 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: 05/14/2021  
 Reported: 05/19/2021  
 Project Name: BRAVO DOME 1835 151 G  
 Project Number: ( 12-23-20 )  
 Project Location: OXY-UNION CO NM

Sampling Date: 05/07/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 5 @ 2' (H211262-24)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1070	16.0	05/18/2021	ND	416	104	400	3.92		

**Sample ID: SP 5 @ 3' (H211262-25)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/18/2021	ND	400	100	400	3.92		

**Sample ID: SP 5 @ 4' (H211262-26)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/18/2021	ND	400	100	400	3.92		

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**Analytical Results For:**

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

Received: 05/14/2021  
 Reported: 05/19/2021  
 Project Name: BRAVO DOME 1835 151 G  
 Project Number: ( 12-23-20 )  
 Project Location: OXY-UNION CO NM

Sampling Date: 05/07/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 6 @ SURFACE (H211262-27)**

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	05/18/2021	ND	1.88	93.8	2.00	6.50		
Toluene*	<0.050	0.050	05/18/2021	ND	2.10	105	2.00	5.84		
Ethylbenzene*	<0.050	0.050	05/18/2021	ND	2.16	108	2.00	4.66		
Total Xylenes*	<0.150	0.150	05/18/2021	ND	6.38	106	6.00	4.89		
Total BTX	<0.300	0.300	05/18/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	15600	16.0	05/18/2021	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	05/18/2021	ND	208	104	200	10.0	
DRO >C10-C28*	<10.0	10.0	05/18/2021	ND	178	88.9	200	29.4	
EXT DRO >C28-C36	<10.0	10.0	05/18/2021	ND					

Surrogate: 1-Chlorooctane 80.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 84.7 % 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: 05/14/2021  
 Reported: 05/19/2021  
 Project Name: BRAVO DOME 1835 151 G  
 Project Number: ( 12-23-20 )  
 Project Location: OXY-UNION CO NM

Sampling Date: 05/07/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 6 @ 1' (H211262-28)**

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	05/18/2021	ND	1.88	93.8	2.00	6.50		
Toluene*	<0.050	0.050	05/18/2021	ND	2.10	105	2.00	5.84		
Ethylbenzene*	<0.050	0.050	05/18/2021	ND	2.16	108	2.00	4.66		
Total Xylenes*	<0.150	0.150	05/18/2021	ND	6.38	106	6.00	4.89		
Total BTX	<0.300	0.300	05/18/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4560	16.0	05/18/2021	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	05/18/2021	ND	208	104	200	10.0	
DRO >C10-C28*	<10.0	10.0	05/18/2021	ND	178	88.9	200	29.4	
EXT DRO >C28-C36	<10.0	10.0	05/18/2021	ND					

Surrogate: 1-Chlorooctane 103 % 44.3-133

Surrogate: 1-Chlorooctadecane 112 % 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:	05/14/2021	Sampling Date:	05/07/2021
Reported:	05/19/2021	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151 G	Sampling Condition:	Cool & Intact
Project Number:	( 12-23-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY-UNION CO NM		

**Sample ID: SP 6 @ 2' (H211262-29)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/18/2021	ND	400	100	400	3.92		

**Sample ID: SP 6 @ 3' (H211262-30)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/18/2021	ND	400	100	400	3.92	

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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: 05/14/2021  
 Reported: 05/19/2021  
 Project Name: BRAVO DOME 1835 151 G  
 Project Number: ( 12-23-20 )  
 Project Location: OXY-UNION CO NM

Sampling Date: 05/07/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 7 @ SURFACE (H211262-31)**

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	05/18/2021	ND	1.88	93.8	2.00	5.69		
Toluene*	<0.050	0.050	05/18/2021	ND	1.88	93.8	2.00	6.95		
Ethylbenzene*	<0.050	0.050	05/18/2021	ND	1.85	92.6	2.00	6.52		
Total Xylenes*	<0.150	0.150	05/18/2021	ND	5.65	94.1	6.00	5.96		
Total BTX	<0.300	0.300	05/18/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	14400	16.0	05/18/2021	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	05/18/2021	ND	208	104	200	10.0	
DRO >C10-C28*	<10.0	10.0	05/18/2021	ND	178	88.9	200	29.4	
EXT DRO >C28-C36	<10.0	10.0	05/18/2021	ND					

Surrogate: 1-Chlorooctane 106 % 44.3-133

Surrogate: 1-Chlorooctadecane 113 % 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: 05/14/2021  
 Reported: 05/19/2021  
 Project Name: BRAVO DOME 1835 151 G  
 Project Number: ( 12-23-20 )  
 Project Location: OXY-UNION CO NM

Sampling Date: 05/07/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SP 7 @ 1' (H211262-32)**

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	05/18/2021	ND	1.88	93.8	2.00	5.69	
Toluene*	<0.050	0.050	05/18/2021	ND	1.88	93.8	2.00	6.95	
Ethylbenzene*	<0.050	0.050	05/18/2021	ND	1.85	92.6	2.00	6.52	
Total Xylenes*	<0.150	0.150	05/18/2021	ND	5.65	94.1	6.00	5.96	
Total BTEx	<0.300	0.300	05/18/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/18/2021	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	05/18/2021	ND	208	104	200	10.0	
DRO >C10-C28*	<10.0	10.0	05/18/2021	ND	178	88.9	200	29.4	
EXT DRO >C28-C36	<10.0	10.0	05/18/2021	ND					

Surrogate: 1-Chlorooctane 110 % 44.3-133

Surrogate: 1-Chlorooctadecane 116 % 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:	05/14/2021	Sampling Date:	05/07/2021
Reported:	05/19/2021	Sampling Type:	Soil
Project Name:	BRAVO DOME 1835 151 G	Sampling Condition:	Cool & Intact
Project Number:	( 12-23-20 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY-UNION CO NM		

**Sample ID: SP 7 @ 2' (H211262-33)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/18/2021	ND	400	100	400	3.92		

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Celey D. Keene, Lab Director/Quality Manager



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### Notes and Definitions

QR-04	The RPD for the BS/BSD was outside of historical limits.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

---

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

---

Celey D. Keene, Lab Director/Quality Manager



## 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

**Phone #:** 575-397-6388

**Project #:**

**Project Name:** BRAVO DOME 1835 151G(12-23-20)

**Project Location:**

**Sampler Name:** SIMON RENDON

**P.O. #:**

**Company:** OXY

**Attn:** WADE

**Address:**

**City:**

**State:** Zip:

**Phone #:**

**Fax #:**

**FOR LAB USE ONLY**

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.	SAMPLING	CL	BTEX	TPH EXT							
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :												
1	SP N @ SURFACE	G	1																		
2	SP E @ SURFACE																				
3	SP W @ SURFACE																				
4	SP S @ SURFACE																				
5	SP 1 @ SURFACE																				
6	SP 1 @ 1'																				
7	SP 1 @ 2'																				
8	SP 2 @ SURFACE																				
9	SP 2 @ 1'																				
10	SP 2 @ 2'																				

**Relinquished By:** Simon Rendón

**Relinquished By:** Simon Rendón

**Delivered By:** (Circle One) ☒ UPS ☐ Bus ☐ Other: -0.9c #13

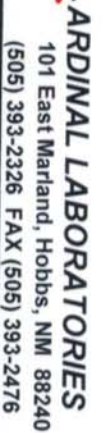
**Sample Condition:** ☒ Cool ☐ Intact

**Checked By:** Y. B.

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

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

**REMARKS:**



## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 29 of 31





## ARDINAL LABORATORIES

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

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

<b>Company Name:</b> BBC International, Inc. <b>Project Manager:</b> Cliff Brunson <b>Address:</b> P.O. Box 805 <b>City:</b> Hobbs <b>Phone #:</b> 575-397-6388 <b>Fax #:</b> 575-397-0397 <b>Project #:</b> <b>Project Name:</b> BRAVO DOME 1835 151G(12-23-20) <b>Project Location:</b> <b>Sampler Name:</b> SIMON RENDON				<b>P.O. #:</b> <b>Company:</b> OXY <b>Attn:</b> WADE <b>Address:</b> <b>City:</b> <b>State:</b> <b>Zip:</b> <b>Phone #:</b> <b>Fax #:</b>			
<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>			
<b>Lab I.D.</b> H211262				<b>Sample I.D.</b> SP4 @ 5' SP5 @ SURFACE SP5 @ 1' SP5 @ 2' SP5 @ 3' SP5 @ 4' SP6 @ SURFACE SP6 @ 1' SP6 @ 2' SP6 @ 3			
(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:				MATRIX PRESERV SAMPLING			
DATE 5-7-21 5-7-21 5-7-21 5-7-21 5-7-21 5-7-21 5-7-21 5-7-21 5-7-21 5-7-21				TIME 11:54 12:12 12:20 12:29 12:37 12:44 11:25 11:39 11:53 12:14			
1 BTEX TPH EXT							
Relinquished By: <i>Simon Rendón</i> Date: 5-14-21 Time: 8:10pm Received By: <i>Jaime de la Cruz</i> Date: 5-14-21 Time: 4:45pm				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 #: REMARKS:			
Relinquished By: <i>Simon Rendón</i> Date: 5-14-21 Time: 8:10pm Received By: <i>Jaime de la Cruz</i> Date: 5-14-21 Time: 4:45pm				Sample Condition Cool <input type="checkbox"/> Intact <input type="checkbox"/> Pres <input type="checkbox"/> Res <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/>			
Delivered By: (Circle One) Sampler - UPS - Bus - Other: <i>-0.9c #113</i> CHECKED BY: <i>YB.</i>							

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



# ORDINAL LABORATORIES

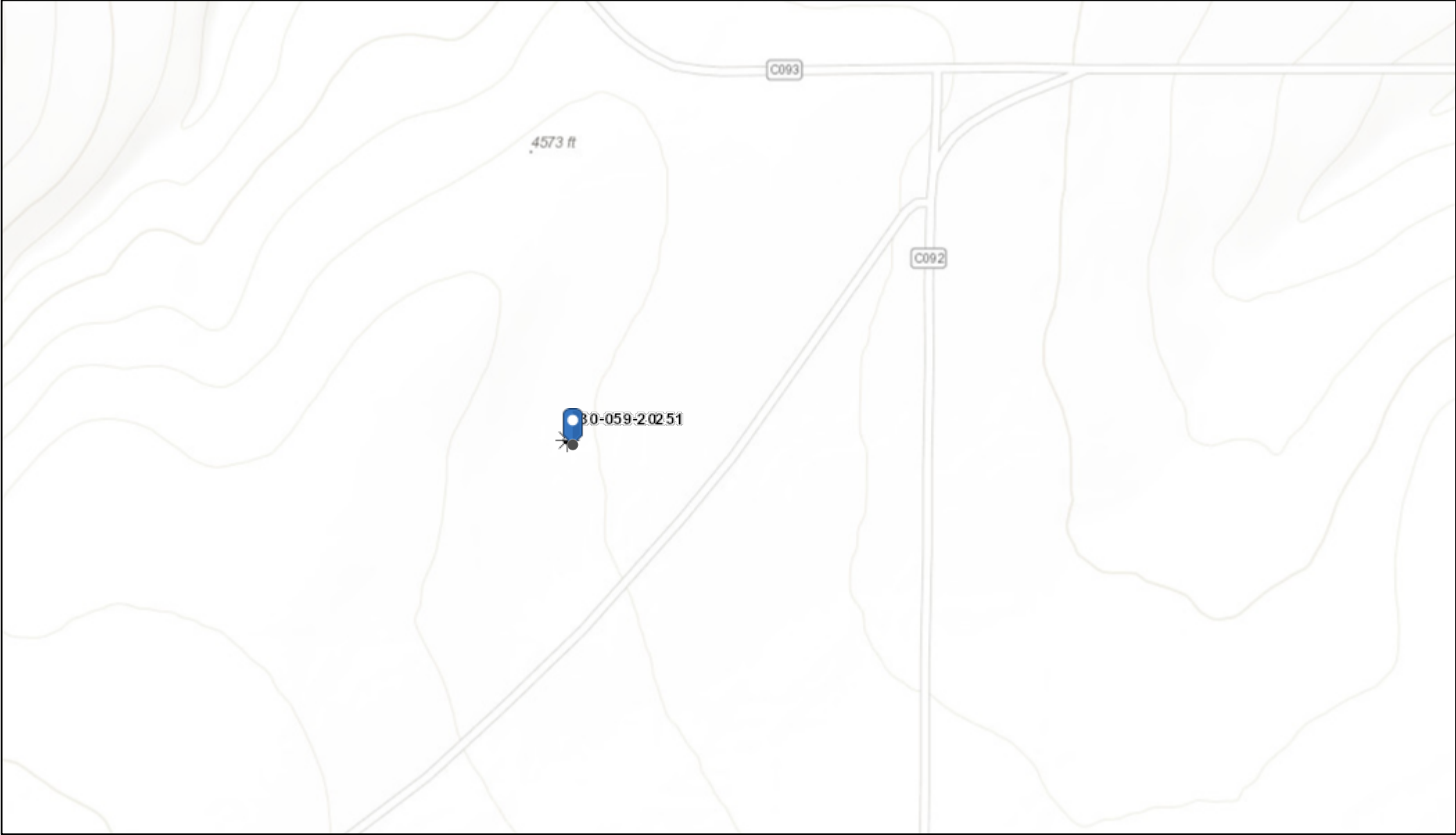
101 East Marland, Hobbs, NM 88240  
(505) 393-2326 FAX (505) 393-2476

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

<b>Company Name:</b> BBC International, Inc. <b>Project Manager:</b> Cliff Brunson <b>Address:</b> P.O. Box 805 <b>City:</b> Hobbs <b>State:</b> NM <b>Zip:</b> 88241 <b>Phone #:</b> 575-397-6388 <b>Fax #:</b> 575-397-0397 <b>Project #:</b> <b>Project Name:</b> BRAVO DOME 1835 151G(12-23-20) <b>Project Location:</b> <b>Sampler Name:</b> SIMON RENDON										<b>BILL TO</b> <b>P.O. #:</b> <b>Company:</b> OXY <b>Attn:</b> WADE <b>Address:</b> <b>City:</b> <b>State:</b> <b>Zip:</b> <b>Phone #:</b> <b>Fax #:</b>										<b>ANALYSIS REQUEST</b>																			
<b>FOR LAB USE ONLY</b>										<b>Lab I.D.</b>										<b>Sample I.D.</b>																			
4211262										31 SP7 @ SURFACE 32 SP7 @ 1' 33 SP7 @ 2'										(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :										DATE TIME CL BTEX TPH EXT									
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# Oxy Bravo Dome 1835 151G Leg 7 - 3000 Ft' h20



6/28/2021, 3:19:16 PM

- Wells - Large Scale

?

●

✱

undefined

Miscellaneous

CO2, Active
- ✱

✱

✱
- CO2, Cancelled

CO2, New

CO2, Plugged

CO2, Temporarily Abandoned
- ✱

✱

✱
- Gas, Active

Gas, Cancelled

Gas, New

Gas, Plugged
- ✱

✱

✱
- Gas, Temporarily Abandoned

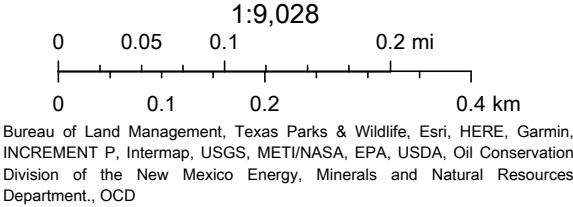
Injection, Active

Injection, Cancelled

Injection, New
- ✱

✱

✱
- Injection, Plugged





Navigation

Search

Languages

MSC Home (/portal/)

MSC Search by Address  
(/portal/search)

MSC Search All Products  
(/portal/advanceSearch)

▼ MSC Products and Tools  
(/portal/resources/productsandtools)

Hazus  
(/portal/resources/hazus)

LOMC Batch Files  
(/portal/resources/lomc)

Product Availability  
(/portal/productAvailability)

MSC Frequently Asked  
Questions (FAQs)  
(/portal/resources/faq)

MSC Email Subscriptions  
(/portal/subscriptionHome)

Contact MSC Help  
(/portal/resources/contact)

# FEMA Flood Map Service Center: Search By Address

Enter an address, place, or coordinates: ?

W103.20229 N35.79333

Search

Whether you are in a high risk zone or not, you may need [flood insurance \(https://www.fema.gov/national-flood-insurance-program\)](https://www.fema.gov/national-flood-insurance-program) because most homeowners insurance doesn't cover flood damage. If you live in an area with low or moderate flood risk, you are 5 times more likely to experience flood than a fire in your home over the next 30 years. For many, a National Flood Insurance Program's flood insurance policy could cost less than \$400 per year. Call your insurance agent today and protect what you've built.

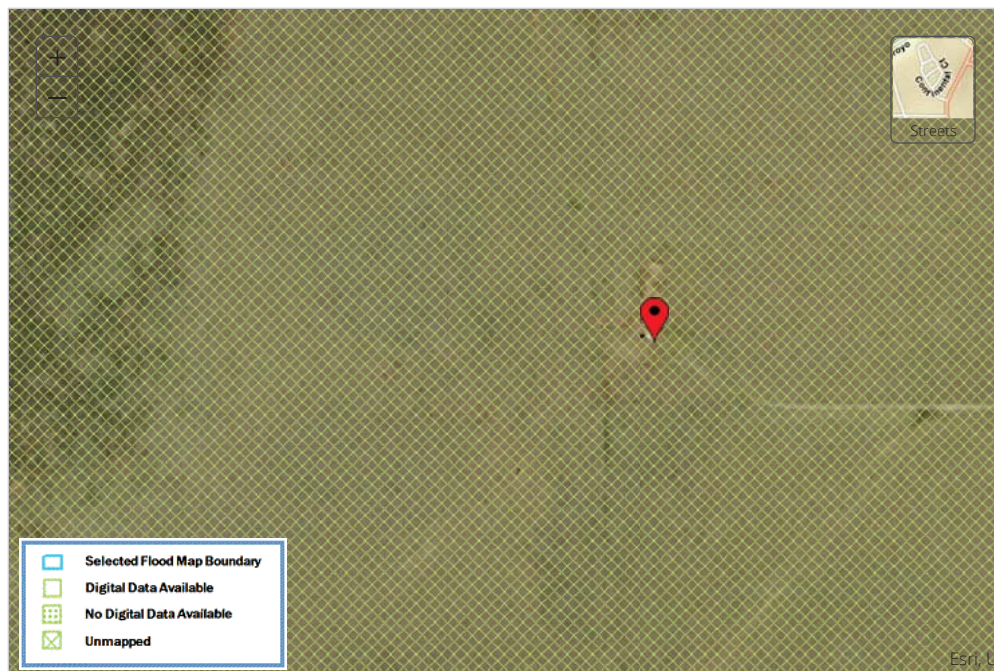
Learn more about [steps you can take \(https://www.fema.gov/what-mitigation\)](https://www.fema.gov/what-mitigation) to reduce flood risk damage.

## Search Results—Products for UNION COUNTY UNINCORPORATED AREAS

Show ALL Products » (<https://msc.fema.gov/portal/availabilitySearch?addcommunity=350134&communityName=UNIC>)

FEMA has not completed a study to determine flood hazard for the selected location; therefore, a flood map has not been published at this time. You can contact your community or the FEMA FMIX for more information about flood risk and flood insurance in your community.

*You can choose a new flood map or move the location pin by selecting a different location on the locator map below or by entering a new location in the search field above. It may take a minute or more during peak hours to generate a dynamic FIRMette. If you are a person with a disability, are blind, or have low vision, and need assistance, please contact a map specialist (<https://msc.fema.gov/portal/resources/contact>).*



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(<https://www.oig.dhs.gov/hotline>)

 Official website of the Department of Homeland Security



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

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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 38223

**CONDITIONS**

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 38223
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
chensley	The OCD notes that the responsible party has chosen to remediate to the most stringent levels listed in Table 1 of 19.15.29 NMAC in lieu of drilling to determine the depth to groundwater.	8/30/2021