

# Closure Report

Incident ID: NDHR1918363633

## Site Description

Site Name:	State DW #006
Company:	Oxy, Permian
Legal Description:	U/L I, Section 12, T18S, R33E
County:	Lea County, NM
GPS Coordinates:	N 32.76144 W -103.61162

## Release Data

Date of Release:	6/4/2019
Type of Release:	Oil & Produced Water
Source of Release:	Check valve at header failed
Volume of Release:	4 bbls oil/4 bbls produced water
Volume Recovered:	3 bbls oil/ 3 bbls produced water

## Remediation Specifications

Remediation Parameters:	This was a risk based remediation. Site was excavated to a depth of 4 feet. Confirmation samples were taken of side walls and bottom samples no greater than 200 feet apart. Site has been backfilled with clean soil.
Remediation Activities:	1/15/21 to 3/10/21

Plan Sent to OCD:	N/A	
OCD Approval of Plan:	N/A	
Plan Sent to BLM:	N/A	
BLM Approval of Plan:	N/A	

## Supporting Documentation

Initial C-141	signed and included	
C-141, page 6	signed and included	
Site Diagram	Google Earth map with excavation depths & confirmation sample points	
Pictures	Remediation photos	
Lab Summary/Analysis	Confirmation lab summary/analysis report for 1/29/21 to 2/4/21	
Depth to Groundwater	USGS Info	

## Request for Closure

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

Cliff Brunson, President of BBC International Inc.

3/19/2021



District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural  
Resources Department

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-141  
Revised August 24, 2018  
Submit to appropriate OCD District office

Incident ID	NDHR1918363633
District RP	
Facility ID	
Application ID	

## Release Notification

### Responsible Party

Responsible Party	OXY USA INC.	OGRID	16696
Contact Name	WADE DITTRICH	Contact Telephone	(575) 390-2828
Contact email	WADE_DITTRICH@OXY.COM	Incident # (assigned by OCD)	
Contact mailing address	PO BOX 4294; HOUSTON, TX 77210		

### Location of Release Source

Latitude N 32.76144 Longitude W-103.61162  
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	STATE DW #6	Site Type	PRODUCTION
Date Release Discovered	6/4/19	API# (if applicable)	N/A

Unit Letter	Section	Township	Range	County
I	12	18S	33E	LEA COUNTY, NM

Surface Owner: ☒ State ☐ Federal ☐ Tribal ☐ Private (Name: \_\_\_\_\_)

### Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) 7.1 BBLS	Volume Recovered (bbls) 4 BBLS
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 79.4 BBLS	Volume Recovered (bbls) 4 BBLS
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

CHECK VALVE AT HEADER FAILED

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State of New Mexico  
Oil Conservation Division

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Was this a major release as defined by 19.15.29.7(A) NMAC?  <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? <b>THE RELEASE WAS GREATER THAN 25 BBLS</b>
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? <b>NO, INITIALLY THE RELEASE WAS NOT A MAJOR RELEASE. THE VOLUMES ARE NOW UPDATED TO REFLECT THE CORRECT RELEASE AMOUNT.</b>	

**Initial Response**

*The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury*

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:          	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
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: <b>Wade Dittrich</b>	Title: <b>Environmental Coordinator</b>
Signature: 	Date: <b>7-31-19</b>
email: <b>wade_dittrich@oxy.com</b>	Telephone: <b>(575) 390-2828</b>
<b><u>OCD Only</u></b>	
Received by: _____	Date: _____

Form C-141

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## Closure

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

**Closure Report Attachment Checklist:** *Each of the following items must be included in the closure report.*

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

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

Printed Name: Wade Dittrich Title: Environmental Coordinator  
Signature:  Date: 3.30.21  
email: wade\_dittrich@oxy.com Telephone: (575) 390-2828

**OCD Only**

Received by: Chad Hensley Date: 05/28/2021

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.


Closure Approved by:  Date: 05/28/2021  
Printed Name: Chad Hensley Title: Environmental Specialist Advanced





# Oxy State DW #6

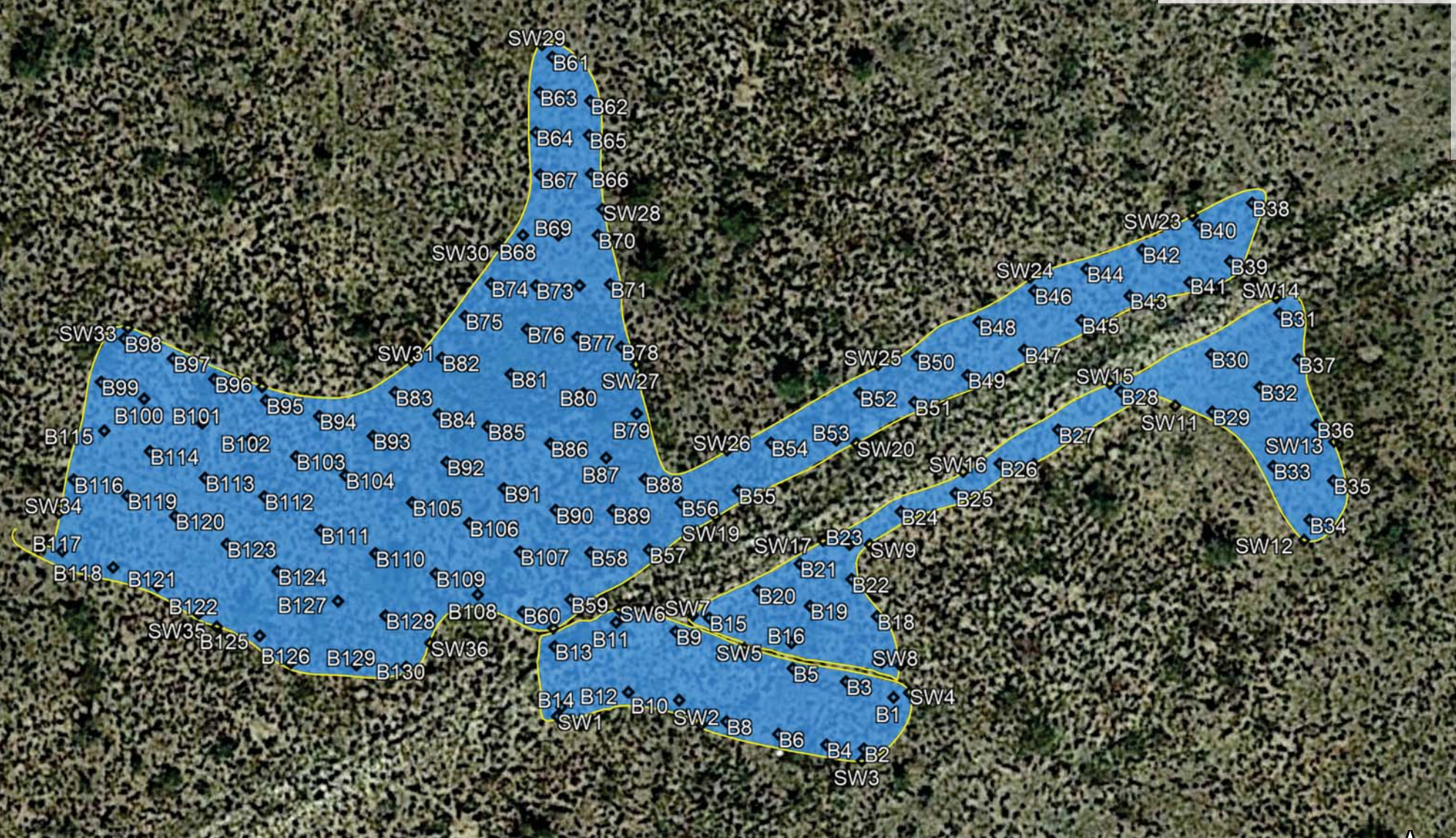
Leak Date: 6-4-2019  
Lea County, NM  
Incident ID: NDHR1918363633

Legend

 4' Excavation

 Confirmation Samples

 Leak Area





Oxy, State DW #6 (6-4-19)

Confirmation Sample points

B1 N 32.76161 W-103.61252

B2 N 32.76157 W-103.61254

B3 N 32.76163 W-103.61256

B4 N 32.76158 W-103.61258

B5 N 32.76164 W-103.61261

B6 N 32.76159 W-103.61262

B7 N 32.76165 W-103.61266

B8 N 32.76160 W-103.61267

B9 N 32.76167 W-103.61272

B10 N 32.76161 W-103.61272

B11 N 32.76167 W-103.61278

B12 N 32.76162 W-103.61276

B13 N 32.76166 W-103.61283

B14 N 32.76161 W-103.61283

B15 N 32.76168 W-103.61269

B16 N 32.76166 W-103.61261

B17 N 32.76164 W-103.61253

B18 N 32.76168 W-103.61253

B19 N 32.76169 W-103.61259

B20 N 32.76170 W-103.61264

B21 N 32.76172 W-103.61260

B22 N 32.76171 W-103.61255

B23 N 32.76174 W-103.61256

B24 N 32.76176 W-103.61251

B25 N 32.76178 W-103.61246

B26 N 32.76179 W-103.61243

B27 N 32.76183 W-103.61236

B28 N 32.76186 W-103.61230

B29 N 32.76184 W-103.61222

B30 N 32.76189 W-103.61222

B31 N 32.76192 W-103.61215

B32 N 32.76184 W-103.61216

B33 N 32.76180 W-103.61216

B34 N 32.76175 W-103.61213

B35 N 32.76179 W-103.61210

B36 N 32.76183 W-103.61212

B37 N 32.76188 W-103.61214

B38 N 32.76200 W-103.61218

B39 N 32.76196 W-103.61220

B40 N 32.76199 W-103.61223

B41 N 32.76194 W-103.61224

B42 N 32.76197 W-103.61228

B43 N 32.76193 W-103.61229

B44 N 32.76195 W-103.61233

B45 N 32.76191 W-103.61234

B46 N 32.76194 W-103.61238

B47 N 32.76189 W-103.61239

B48 N 32.76191 W-103.61244

B49 N 32.76187 W-103.61245

B50 N 32.76188 W-103.61249

B51 N 32.761852 W-103.61250  
B52 N 32.76185 W-103.61255  
B53 N 32.76182 W-103.61257  
B54 N 32.76182 W-103.61263  
B55 N 32.76178 W-103.61266  
B56 N 32.76177 W-103.61271  
B57 N 32.76173 W-103.61274  
B58 N 32.76173 W-103.61280  
B59 N 32.76169 W-103.61282  
B60 N 32.76168 W-103.61286  
B61 N 32.76212 W-103.61284  
B62 N 32.76209 W-103.61280  
B63 N 32.76209 W-103.61285  
B64 N 32.76206 W-103.61285  
B65 N 32.76206 W-103.61280  
B66 N 32.76203 W-103.61280  
B67 N 32.76203 W-103.61285  
B68 N 32.76198 W-103.61286  
B69 N 32.76198 W-103.61283  
B70 N 32.76198 W-103.61279  
B71 N 32.76194 W-103.61278  
B72 N 32.76194 W-103.61281  
B73 N 32.76194 W-103.61285  
B74 N 32.76194 W-103.61290  
B75 N 32.76192 W-103.61292  
B76 N 32.76191 W-103.61286  
B77 N 32.76190 W-103.61281  
B78 N 32.76189 W-103.61277

B79 N 32.76184 W-103.61276  
B80 N 32.76185 W-103.61281  
B81 N 32.76187 W-103.61287  
B82 N 32.76188 W-103.61294  
B83 N 32.76186 W-103.61298  
B84 N 32.76184 W-103.61294  
B85 N 32.76183 W-103.61290  
B86 N 32.76182 W-103.61284  
B87 N 32.76180 W-103.61278  
B88 N 32.76179 W-103.61275  
B89 N 32.76176 W-103.61278  
B90 N 32.76176 W-103.61283  
B91 N 32.76178 W-103.61288  
B92 N 32.76180 W-103.61293  
B93 N 32.76182 W-103.61300  
B94 N 32.76184 W-103.61305  
B95 N 32.76185 W-103.61310  
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B101 N 32.76183 W-103.61316  
B102 N 32.76182 W-103.61312  
B103 N 32.76180 W-103.61308  
B104 N 32.76179 W-103.61303  
B105 N 32.76177 W-103.61297  
B106 N 32.76175 W-103.61291



B107 N 32.76173 W-103.61287  
B108 N 32.76170 W-103.61291  
B109 N 32.76171 W-103.61294  
B110 N 32.76173 W-103.61300  
B111 N 32.76175 W-103.61306  
B112 N 32.76177 W-103.61311  
B113 N 32.76179 W-103.61316  
B114 N 32.76181 W-103.61321  
B115 N 32.76183 W-103.61326  
B116 N 32.76179 W-103.61328  
B117 N 32.76173 W-103.61330  
B118 N 32.76172 W-103.61325  
B119 N 32.76177 W-103.61323  
B120 N 32.76176 W-103.61319  
B121 N 32.76170 W-103.61321  
B122 N 32.76168 W-103.61317  
B123 N 32.76173 W-103.61314  
B124 N 32.76171 W-103.61309  
B125 N 32.76166 W-103.61311  
B126 N 32.76164 W-103.61308  
B127 N 32.76169 W-103.61304  
B128 N 32.76168 W-103.61299  
B129 N 32.76164 W-103.61302  
B130 N 32.76164 W-103.61297  
B131 N 32.76168 W-103.61295

SW1, N 32.76160 W-103.61283  
SW2, N 32.76159 W-103.61270  
SW3, N 32.76156 W-103.61254  
SW4, N 32.76162 W-103.61250  
SW5, N 32.76165 W-103.61264  
SW6, N 32.76168 W-103.61275  
SW7, N 32.76168 W-103.61270  
SW8, N 32.76164 W-103.61251  
SW9, N 32.76174 W-103.61254  
SW10, N 32.76180 W-103.61238  
SW11, N 32.76184 W-103.61197  
SW12, N 32.76174 W-103.61213  
SW13, N 32.76185 W-103.61212  
SW14, N 32.76193 W-103.61216  
SW15, N 32.76186 W-103.61231  
SW16, N 32.76179 W-103.61245  
SW17, N 32.76174 W-103.61258  
SW18, N 32.76167 W-103.61283  
SW19, N 32.76176 W-103.61268  
SW20, N 32.76183 W-103.61252  
SW21, N 32.76189 W-103.61237  
SW22, N 32.76194 W-103.61221  
SW23, N 32.76199 W-103.61226  
SW24, N 32.76193 W-103.61241  
SW25, N 32.76188 W-103.61253  
SW26, N 32.76181 W-103.61267  
SW27, N 32.76188 W-103.61276  
SW28, N 32.76200 W-103.61279

SW29, N 32.76213 W-103.61285

SW30, N 32.76197 W-103.61288

SW31, N 32.76188 W-103.61297

SW32, N 32.76186 W-103.61311

SW33, N 32.76191 W-103.61324

SW34, N 32.76176 W-103.61330

SW35, N 32.76167 W-103.61315

SW36, N 32.76166 W-103.61295

















Laboratory Analytical Results Summary  
State DW #6 (6/4/19)

		Sample ID	BS1	BS2	BS3	BS4	BS5	BS6	BS7	BS8	BS9	BS10
Analyte	Method	Date	2/1/21	2/1/21	2/1/21	2/1/21	2/1/21	2/1/21	2/1/21	2/1/21	2/1/21	2/1/21
			mg/kg	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	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		112	128	96.0	112	96.0	112	96.0	128	112	112
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

		Sample ID	BS11	BS12	BS13	BS14	BS15	BS16	BS17	BS18	BS19	BS20
Analyte	Method	Date	2/1/21	2/1/21	2/1/21	2/1/21	2/1/21	2/1/21	2/1/21	2/1/21	2/1/21	2/1/21
			mg/kg	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	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		112	128	96.0	96.0	128	64.0	48.0	112	96.0	112
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

		Sample ID	BS21	BS22	BS23	BS24	BS25	BS26	BS27	BS28	BS29	BS30
Analyte	Method	Date	2/1/21	2/1/21	2/1/21	2/1/21	2/1/21	2/1/21	2/1/21	2/1/21	2/1/21	2/1/21
			mg/kg	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	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		48.0	64.0	48.0	64.0	48.0	48.0	80.0	32.0	32.0	64.0
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

		Sample ID	BS31	BS32	BS33	BS34	BS35	BS36	BS37	BS38	BS39	BS40
Analyte	Method	Date	2/1/21	2/1/21	2/1/21	2/1/21	2/1/21	2/1/21	2/1/21	2/1/21	2/1/21	2/1/21
			mg/kg	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	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		48.0	32.0	64.0	64.0	48.0	32.0	48.0	32.0	48.0	48.0
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

Laboratory Analytical Results Summary  
State DW #6 (6/4/19)

		Sample ID	BS41	BS42	BS43	BS44	BS45	BS46	BS47	BS48	BS49	BS50
Analyte	Method	Date	2/1/21	2/1/21	2/1/21	2/1/21	2/1/21	2/1/21	2/1/21	2/1/21	2/1/21	2/1/21
			mg/kg	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	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		32.0	64.0	64.0	32.0	64.0	32.0	64.0	32.0	48.0	48.0
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

		Sample ID	BS51	BS52	BS53	BS54	BS55	BS56	BS57	BS58	BS59	BS60
Analyte	Method	Date	2/1/21	2/1/21	2/1/21	2/1/21	2/1/21	2/1/21	2/1/21	2/1/21	2/1/21	2/1/21
			mg/kg	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	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		48.0	32.0	32.0	48.0	32.0	48.0	80.0	48.0	48.0	48.0
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

		Sample ID	BS61	BS62	BS63	BS64	BS65	BS66	BS67	BS68	BS69	BS70
Analyte	Method	Date	2/1/21	2/1/21	2/1/21	2/1/21	2/1/21	2/1/21	2/1/21	2/1/21	2/1/21	2/1/21
			mg/kg	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	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		48.0	80.0	112	96.0	112	144	64.0	144	96.0	96.0
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

		Sample ID	BS71	BS72	BS73	BS74	BS75	BS76	BS77	BS78	BS79	BS80
Analyte	Method	Date	2/1/21	2/1/21	2/1/21	2/1/21	2/1/21	2/1/21	2/1/21	2/1/21	2/1/21	2/1/21
			mg/kg	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	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		144	96.0	128	128	128	96.0	128	128	128	64.0
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

Laboratory Analytical Results Summary  
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		Sample ID	BS81	BS82	BS83	BS84	BS85	BS86	BS87	BS88	BS89	BS90	
Analyte	Method	Date	2/2/21	2/2/21	2/2/21	2/2/21	2/2/21	2/2/21	2/2/21	2/2/21	2/2/21	2/2/21	2/12/21
			mg/kg	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	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	
Chloride	SM4500Cl-B		64.0	160	128	144	112	112	144	96.0	112	112	
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	

		Sample ID	BS91	BS92	BS93	BS94	BS95	BS96	BS97	BS98	BS99	BS100	
Analyte	Method	Date	2/3/21	2/3/21	2/3/21	2/3/21	2/3/21	2/3/21	2/3/21	2/3/21	2/3/21	2/3/21	
			mg/kg	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	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	
Chloride	SM4500Cl-B		80.0	96.0	112	112	96.0	48.0	48.0	32.0	64.0	64.0	
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	
DRO	TPH 8015M		<10.0	10.3	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	

		Sample ID	BS101	BS102	BS103	BS104	BS105	BS106	BS107	BS108	BS109	BS110	
Analyte	Method	Date	2/3/21	2/3/21	2/3/21	2/3/21	2/3/21	2/3/21	2/3/21	2/3/21	2/3/21	2/3/21	
			mg/kg	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	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	
Chloride	SM4500Cl-B		48.0	272	80.0	64.0	80.0	96.0	80.0	64.0	16.0	64.0	
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	
DRO	TPH 8015M		<10.0	<10.0	10.6	10.2	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	

		Sample ID	BS111	BS112	BS113	BS114	BS115	BS116	BS117	BS118	BS119	BS120	
Analyte	Method	Date	2/3/21	2/3/21	2/3/21	2/3/21	2/3/21	2/3/21	2/3/21	2/3/21	2/3/21	2/3/21	
			mg/kg	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	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	
Chloride	SM4500Cl-B		48.0	48.0	48.0	64.0	80.0	112	112	64.0	64.0	64.0	
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	



Laboratory Analytical Results Summary  
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		Sample ID	BS121	BS122	BS123	BS124	BS125	BS126	BS127	BS128	BS129	BS130	BS131
Analyte	Method	Date	2/3/21	2/3/21	2/3/21	2/3/21	2/3/21	2/3/21	2/3/21	2/3/21	2/3/21	2/3/21	2/3/21
			mg/kg	mg/kg	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	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		96.0	80.0	64.0	112	288	256	256	240	96.0	112	96.0
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

		Sample ID	SW1	SW2	SW3	SW4	SW5	SW6	SW7	SW8	SW9	SW10
Analyte	Method	Date	2/3/21	2/3/21	2/3/21	2/3/21	2/4/21	2/4/21	2/4/21	2/4/21	2/4/21	2/4/21
			mg/kg	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	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		160	80.0	80.0	80.0	80.0	80.0	96.0	80.0	80.0	80.0
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

		Sample ID	SW11	SW12	SW13	SW14	SW15	SW16	SW17	SW18	SW19	SW20
Analyte	Method	Date	2/4/21	2/4/21	2/4/21	2/4/21	2/4/21	2/4/21	2/4/21	2/4/21	2/4/21	2/4/21
			mg/kg	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	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		96.0	96.0	80.0	80.0	96.0	32.0	64.0	96.0	64.0	96.0
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

		Sample ID	SW21	SW22	SW23	SW24	SW25	SW26	SW27	SW28	SW29	SW30
Analyte	Method	Date	2/4/21	2/4/21	2/4/21	2/4/21	2/4/21	2/4/21	2/4/21	2/4/21	2/4/21	2/4/21
			mg/kg	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	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		80.0	96.0	112	112	96.0	80.0	112	64.0	64.0	112
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

Laboratory Analytical Results Summary  
State DW #6 (6/4/19)

		Sample ID	SW31	SW32	SW33	SW34	SW35	SW36
Analyte	Method	Date	2/4/21	2/4/21	2/4/21	2/4/21	2/4/21	2/4/21
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		112	112	112	112	112	112
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0



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

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February 01, 2021

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: STATE DW #6

Enclosed are the results of analyses for samples received by the laboratory on 01/29/21 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: 01/29/2021  
 Reported: 02/01/2021  
 Project Name: STATE DW #6  
 Project Number: (6-4-19)  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 01/29/2021  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Celey D. Keene

**Sample ID: BS 1 (H210228-01)**

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	01/29/2021	ND	2.00	100	2.00	1.59	
Toluene*	<0.050	0.050	01/29/2021	ND	2.08	104	2.00	0.367	
Ethylbenzene*	<0.050	0.050	01/29/2021	ND	2.05	102	2.00	0.0578	
Total Xylenes*	<0.150	0.150	01/29/2021	ND	6.42	107	6.00	0.659	
Total BTEX	<0.300	0.300	01/29/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 73.3-129

Chloride, SM4500Cl-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	02/01/2021	ND	432	108	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	01/29/2021	ND	220	110	200	9.78	
DRO >C10-C28*	<10.0	10.0	01/29/2021	ND	217	108	200	8.43	
EXT DRO >C28-C36	<10.0	10.0	01/29/2021	ND					

Surrogate: 1-Chlorooctane 103 % 44.3-144

Surrogate: 1-Chlorooctadecane 107 % 42.2-156

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: 01/29/2021  
 Reported: 02/01/2021  
 Project Name: STATE DW #6  
 Project Number: (6-4-19)  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 01/29/2021  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Celey D. Keene

**Sample ID: BS 2 (H210228-02)**

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	01/29/2021	ND	2.00	100	2.00	1.59	
Toluene*	<0.050	0.050	01/29/2021	ND	2.08	104	2.00	0.367	
Ethylbenzene*	<0.050	0.050	01/29/2021	ND	2.05	102	2.00	0.0578	
Total Xylenes*	<0.150	0.150	01/29/2021	ND	6.42	107	6.00	0.659	
Total BTX	<0.300	0.300	01/29/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	02/01/2021	ND	432	108	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	01/29/2021	ND	220	110	200	9.78	
DRO >C10-C28*	<10.0	10.0	01/29/2021	ND	217	108	200	8.43	
EXT DRO >C28-C36	<10.0	10.0	01/29/2021	ND					

Surrogate: 1-Chlorooctane 98.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 102 % 42.2-156

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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: 01/29/2021  
 Reported: 02/01/2021  
 Project Name: STATE DW #6  
 Project Number: (6-4-19)  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 01/29/2021  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Celey D. Keene

**Sample ID: BS 3 (H210228-03)**

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	01/29/2021	ND	2.00	100	2.00	1.59	
Toluene*	<0.050	0.050	01/29/2021	ND	2.08	104	2.00	0.367	
Ethylbenzene*	<0.050	0.050	01/29/2021	ND	2.05	102	2.00	0.0578	
Total Xylenes*	<0.150	0.150	01/29/2021	ND	6.42	107	6.00	0.659	
Total BTEx	<0.300	0.300	01/29/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	02/01/2021	ND	432	108	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	01/29/2021	ND	220	110	200	9.78	
DRO >C10-C28*	<10.0	10.0	01/29/2021	ND	217	108	200	8.43	
EXT DRO >C28-C36	<10.0	10.0	01/29/2021	ND					

Surrogate: 1-Chlorooctane 91.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 95.5 % 42.2-156

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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: 01/29/2021  
 Reported: 02/01/2021  
 Project Name: STATE DW #6  
 Project Number: (6-4-19)  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 01/29/2021  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Celey D. Keene

**Sample ID: BS 4 (H210228-04)**

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	01/29/2021	ND	2.00	100	2.00	1.59	
Toluene*	<0.050	0.050	01/29/2021	ND	2.08	104	2.00	0.367	
Ethylbenzene*	<0.050	0.050	01/29/2021	ND	2.05	102	2.00	0.0578	
Total Xylenes*	<0.150	0.150	01/29/2021	ND	6.42	107	6.00	0.659	
Total BTEx	<0.300	0.300	01/29/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	02/01/2021	ND	432	108	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	01/30/2021	ND	220	110	200	9.78	
DRO >C10-C28*	<10.0	10.0	01/30/2021	ND	217	108	200	8.43	
EXT DRO >C28-C36	<10.0	10.0	01/30/2021	ND					

Surrogate: 1-Chlorooctane 106 % 44.3-144

Surrogate: 1-Chlorooctadecane 112 % 42.2-156

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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: 01/29/2021  
 Reported: 02/01/2021  
 Project Name: STATE DW #6  
 Project Number: (6-4-19)  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 01/29/2021  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Celey D. Keene

**Sample ID: BS 5 (H210228-05)**

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	01/29/2021	ND	2.00	100	2.00	1.59	
Toluene*	<0.050	0.050	01/29/2021	ND	2.08	104	2.00	0.367	
Ethylbenzene*	<0.050	0.050	01/29/2021	ND	2.05	102	2.00	0.0578	
Total Xylenes*	<0.150	0.150	01/29/2021	ND	6.42	107	6.00	0.659	
Total BTX	<0.300	0.300	01/29/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 73.3-129

Chloride, SM4500CI-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	02/01/2021	ND	432	108	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	01/30/2021	ND	220	110	200	9.78	
DRO >C10-C28*	13.5	10.0	01/30/2021	ND	217	108	200	8.43	
EXT DRO >C28-C36	<10.0	10.0	01/30/2021	ND					

Surrogate: 1-Chlorooctane 102 % 44.3-144

Surrogate: 1-Chlorooctadecane 109 % 42.2-156

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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: 01/29/2021  
 Reported: 02/01/2021  
 Project Name: STATE DW #6  
 Project Number: (6-4-19)  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 01/29/2021  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Celey D. Keene

**Sample ID: BS 6 (H210228-06)**

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	01/29/2021	ND	2.00	100	2.00	1.59	
Toluene*	<0.050	0.050	01/29/2021	ND	2.08	104	2.00	0.367	
Ethylbenzene*	<0.050	0.050	01/29/2021	ND	2.05	102	2.00	0.0578	
Total Xylenes*	<0.150	0.150	01/29/2021	ND	6.42	107	6.00	0.659	
Total BTEx	<0.300	0.300	01/29/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 73.3-129

Chloride, SM4500CI-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	02/01/2021	ND	432	108	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	01/30/2021	ND	220	110	200	9.78	
DRO >C10-C28*	<10.0	10.0	01/30/2021	ND	217	108	200	8.43	
EXT DRO >C28-C36	<10.0	10.0	01/30/2021	ND					

Surrogate: 1-Chlorooctane 104 % 44.3-144

Surrogate: 1-Chlorooctadecane 114 % 42.2-156

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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: 01/29/2021  
 Reported: 02/01/2021  
 Project Name: STATE DW #6  
 Project Number: (6-4-19)  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 01/29/2021  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Celey D. Keene

**Sample ID: SW 1 (H210228-07)**

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	01/29/2021	ND	2.00	100	2.00	1.59	
Toluene*	<0.050	0.050	01/29/2021	ND	2.08	104	2.00	0.367	
Ethylbenzene*	<0.050	0.050	01/29/2021	ND	2.05	102	2.00	0.0578	
Total Xylenes*	<0.150	0.150	01/29/2021	ND	6.42	107	6.00	0.659	
Total BTEx	<0.300	0.300	01/29/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	02/01/2021	ND	432	108	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	01/30/2021	ND	220	110	200	9.78	
DRO >C10-C28*	26.1	10.0	01/30/2021	ND	217	108	200	8.43	
EXT DRO >C28-C36	<10.0	10.0	01/30/2021	ND					

Surrogate: 1-Chlorooctane 96.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 103 % 42.2-156

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\*=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: 01/29/2021  
 Reported: 02/01/2021  
 Project Name: STATE DW #6  
 Project Number: (6-4-19)  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 01/29/2021  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Celey D. Keene

**Sample ID: SW 2 (H210228-08)**

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	01/29/2021	ND	2.00	100	2.00	1.59		
Toluene*	<0.050	0.050	01/29/2021	ND	2.08	104	2.00	0.367		
Ethylbenzene*	<0.050	0.050	01/29/2021	ND	2.05	102	2.00	0.0578		
Total Xylenes*	<0.150	0.150	01/29/2021	ND	6.42	107	6.00	0.659		
Total BTEx	<0.300	0.300	01/29/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	02/01/2021	ND	432	108	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	01/30/2021	ND	220	110	200	9.78	
DRO >C10-C28*	52.4	10.0	01/30/2021	ND	217	108	200	8.43	
EXT DRO >C28-C36	19.2	10.0	01/30/2021	ND					

Surrogate: 1-Chlorooctane 96.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 109 % 42.2-156

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: 01/29/2021  
 Reported: 02/01/2021  
 Project Name: STATE DW #6  
 Project Number: (6-4-19)  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 01/29/2021  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Celey D. Keene

**Sample ID: SW 3 (H210228-09)**

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	01/29/2021	ND	2.00	100	2.00	1.59		
Toluene*	<0.050	0.050	01/29/2021	ND	2.08	104	2.00	0.367		
Ethylbenzene*	<0.050	0.050	01/29/2021	ND	2.05	102	2.00	0.0578		
Total Xylenes*	<0.150	0.150	01/29/2021	ND	6.42	107	6.00	0.659		
Total BTEx	<0.300	0.300	01/29/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	02/01/2021	ND	432	108	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	01/30/2021	ND	220	110	200	9.78	
DRO >C10-C28*	18.8	10.0	01/30/2021	ND	217	108	200	8.43	
EXT DRO >C28-C36	<10.0	10.0	01/30/2021	ND					

Surrogate: 1-Chlorooctane 101 % 44.3-144

Surrogate: 1-Chlorooctadecane 108 % 42.2-156

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\*=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: 01/29/2021  
 Reported: 02/01/2021  
 Project Name: STATE DW #6  
 Project Number: (6-4-19)  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 01/29/2021  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Celey D. Keene

**Sample ID: SW 4 (H210228-10)**

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	01/29/2021	ND	2.00	100	2.00	1.59	
Toluene*	<0.050	0.050	01/29/2021	ND	2.08	104	2.00	0.367	
Ethylbenzene*	<0.050	0.050	01/29/2021	ND	2.05	102	2.00	0.0578	
Total Xylenes*	<0.150	0.150	01/29/2021	ND	6.42	107	6.00	0.659	
Total BTEx	<0.300	0.300	01/29/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	02/01/2021	ND	432	108	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	01/30/2021	ND	220	110	200	9.78	
DRO >C10-C28*	62.8	10.0	01/30/2021	ND	217	108	200	8.43	
EXT DRO >C28-C36	11.5	10.0	01/30/2021	ND					

Surrogate: 1-Chlorooctane 89.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 100 % 42.2-156

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\*=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: 01/29/2021  
 Reported: 02/01/2021  
 Project Name: STATE DW #6  
 Project Number: (6-4-19)  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 01/29/2021  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Celey D. Keene

**Sample ID: SW 5 (H210228-11)**

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	01/29/2021	ND	2.00	100	2.00	1.59		
Toluene*	<0.050	0.050	01/29/2021	ND	2.08	104	2.00	0.367		
Ethylbenzene*	<0.050	0.050	01/29/2021	ND	2.05	102	2.00	0.0578		
Total Xylenes*	<0.150	0.150	01/29/2021	ND	6.42	107	6.00	0.659		
Total BTEx	<0.300	0.300	01/29/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	02/01/2021	ND	432	108	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	01/30/2021	ND	220	110	200	9.78	
DRO >C10-C28*	69.1	10.0	01/30/2021	ND	217	108	200	8.43	
EXT DRO >C28-C36	24.8	10.0	01/30/2021	ND					

Surrogate: 1-Chlorooctane 105 % 44.3-144

Surrogate: 1-Chlorooctadecane 118 % 42.2-156

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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: 01/29/2021  
 Reported: 02/01/2021  
 Project Name: STATE DW #6  
 Project Number: (6-4-19)  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 01/29/2021  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Celey D. Keene

**Sample ID: SW 6 (H210228-12)**

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	01/29/2021	ND	2.00	100	2.00	1.59	
Toluene*	<0.050	0.050	01/29/2021	ND	2.08	104	2.00	0.367	
Ethylbenzene*	<0.050	0.050	01/29/2021	ND	2.05	102	2.00	0.0578	
Total Xylenes*	<0.150	0.150	01/29/2021	ND	6.42	107	6.00	0.659	
Total BTX	<0.300	0.300	01/29/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	02/01/2021	ND	432	108	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	01/30/2021	ND	220	110	200	9.78	
DRO >C10-C28*	22.9	10.0	01/30/2021	ND	217	108	200	8.43	
EXT DRO >C28-C36	<10.0	10.0	01/30/2021	ND					

Surrogate: 1-Chlorooctane 87.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 94.3 % 42.2-156

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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### Notes and Definitions

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

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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



# **CARDINAL LABORATORIES**

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

## **CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

(1 of 2)

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 Owner: Oxy

Project Name: State DW #6 (6-4-19)

Project Location: Lea County, NM

Sampler Name: Simon Rendon

### **BILL TO**

P.O. #:

Company: OXY

Attn: WADE

Address:

City:

State: Zip:

Phone #:

Fax #:

### **ANALYSIS REQUEST**

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

H210228-

01 BS1  
02 BS2  
03 BS3  
04 BS4  
05 BS5  
06 BS6  
07 SW1  
08 SW2  
09 SW3  
10 SW4

(G) RAB OR (C) COMP.

# CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER:

ACID/BASE:

ICE / COOL

OTHER:

PRESERV.

SAMPLING

DATE TIME  
1/29/21 1:45 PM  
1/29/21 1:52 PM  
1/29/21 2:04 PM  
1/29/21 2:12 PM  
1/29/21 2:15 PM  
1/29/21 2:21 PM  
1/29/21 2:32 PM  
1/29/21 2:41 PM  
1/29/21 2:49 PM  
1/29/21 2:56 PM

CL

BTEX

TPH EXT

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Relinquished By:

Date:

Time:

Received By:

Received By:

Relinquished By:

Date:

Time:

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

Sample Condition

Cool Intact

☐ Yes ☒ No

CHECKED BY:

(Initials)

cdh/113

Phone Result:

☐ Yes ☐ No

Add'l Phone #:

Fax Result:

☐ Yes ☐ No

Add'l Fax #:

REMARKS:

**PLEASE  
RUSH**

\*Samples taken & brought straight to lab  
1/29/21

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



# **CARDINAL LABORATORIES**

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

## **CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

(2 of 2)

<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 Owner:</b> Oxy <b>Project Name:</b> State DW #6 (6-4-19) <b>Project Location:</b> Lea County, NM <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>																	
FOR LAB USE ONLY				<b>MATRIX</b> GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:				<b>PRESERV.</b> ACID/BASE: ICE / COOL OTHER:		<b>SAMPLING</b> DATE TIME		CL BTEX TPH EXT													
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS																						
11	SW5	G	1																						
12	SW6	G	1																						

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 the client for the 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 30 days after completion of the applicable service. 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 successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

<b>Relinquished By:</b>  <b>Date:</b> 1/29/14 <b>Time:</b> 10:45	<b>Received By:</b>  <b>Date:</b> <b>Time:</b>	<b>Phone Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Fax Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>REMARKS:</b> (Rush)
<b>Relinquished By:</b> <b>Date:</b> <b>Time:</b>	<b>Received By:</b> <b>Date:</b> <b>Time:</b>	<b>Add'l Phone #:</b> <b>Add'l Fax #:</b>
<b>Delivered By: (Circle One)</b> Sampler - UPS - Bus - Other:	<b>Sample Condition</b> Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>CHECKED BY:</b> (Initials) GSR #13

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





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

---

February 10, 2021

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: STATE DW #0006

Enclosed are the results of analyses for samples received by the laboratory on 02/08/21 8:30.

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 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:	02/08/2021	Sampling Date:	02/01/2021
Reported:	02/10/2021	Sampling Type:	Soil
Project Name:	STATE DW #0006	Sampling Condition:	Cool & Intact
Project Number:	( 6-4-19 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY NM		

**Sample ID: BS 1 (H210308-01)**

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	02/08/2021	ND	2.32	116	2.00	0.541	
Toluene*	<0.050	0.050	02/08/2021	ND	2.27	114	2.00	0.473	
Ethylbenzene*	<0.050	0.050	02/08/2021	ND	2.23	112	2.00	0.502	
Total Xylenes*	<0.150	0.150	02/08/2021	ND	6.49	108	6.00	0.387	
Total BTEX	<0.300	0.300	02/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AC				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/09/2021	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	02/08/2021	ND	213	106	200	3.16	
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	217	109	200	1.47	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 87.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 89.9 % 42.2-156

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\*=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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/01/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 2 (H210308-02)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2021	ND	2.32	116	2.00	0.541	
Toluene*	<0.050	0.050	02/08/2021	ND	2.27	114	2.00	0.473	
Ethylbenzene*	<0.050	0.050	02/08/2021	ND	2.23	112	2.00	0.502	
Total Xylenes*	<0.150	0.150	02/08/2021	ND	6.49	108	6.00	0.387	
Total BTEx	<0.300	0.300	02/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/09/2021	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	02/08/2021	ND	213	106	200	3.16	
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	217	109	200	1.47	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 94.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 97.9 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/01/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 3 (H210308-03)**

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	02/08/2021	ND	2.32	116	2.00	0.541	
Toluene*	<0.050	0.050	02/08/2021	ND	2.27	114	2.00	0.473	
Ethylbenzene*	<0.050	0.050	02/08/2021	ND	2.23	112	2.00	0.502	
Total Xylenes*	<0.150	0.150	02/08/2021	ND	6.49	108	6.00	0.387	
Total BTEx	<0.300	0.300	02/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/09/2021	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	02/08/2021	ND	213	106	200	3.16	
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	217	109	200	1.47	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 86.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 87.9 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/01/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 4 (H210308-04)**

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	02/08/2021	ND	2.32	116	2.00	0.541	
Toluene*	<0.050	0.050	02/08/2021	ND	2.27	114	2.00	0.473	
Ethylbenzene*	<0.050	0.050	02/08/2021	ND	2.23	112	2.00	0.502	
Total Xylenes*	<0.150	0.150	02/08/2021	ND	6.49	108	6.00	0.387	
Total BTEx	<0.300	0.300	02/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/09/2021	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	02/08/2021	ND	213	106	200	3.16	
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	217	109	200	1.47	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 92.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 91.6 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/01/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 5 (H210308-05)**

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	02/08/2021	ND	2.32	116	2.00	0.541	
Toluene*	<0.050	0.050	02/08/2021	ND	2.27	114	2.00	0.473	
Ethylbenzene*	<0.050	0.050	02/08/2021	ND	2.23	112	2.00	0.502	
Total Xylenes*	<0.150	0.150	02/08/2021	ND	6.49	108	6.00	0.387	
Total BTEx	<0.300	0.300	02/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/09/2021	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	02/08/2021	ND	213	106	200	3.16	
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	217	109	200	1.47	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 86.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 89.1 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/01/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 6 (H210308-06)**

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	02/08/2021	ND	2.32	116	2.00	0.541	
Toluene*	<0.050	0.050	02/08/2021	ND	2.27	114	2.00	0.473	
Ethylbenzene*	<0.050	0.050	02/08/2021	ND	2.23	112	2.00	0.502	
Total Xylenes*	<0.150	0.150	02/08/2021	ND	6.49	108	6.00	0.387	
Total BTEx	<0.300	0.300	02/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/09/2021	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	02/08/2021	ND	220	110	200	2.08	
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	223	111	200	0.0629	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 84.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 84.2 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/01/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 7 (H210308-07)**

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	02/08/2021	ND	2.32	116	2.00	0.541	
Toluene*	<0.050	0.050	02/08/2021	ND	2.27	114	2.00	0.473	
Ethylbenzene*	<0.050	0.050	02/08/2021	ND	2.23	112	2.00	0.502	
Total Xylenes*	<0.150	0.150	02/08/2021	ND	6.49	108	6.00	0.387	
Total BTEx	<0.300	0.300	02/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/09/2021	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	02/08/2021	ND	220	110	200	2.08	
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	223	111	200	0.0629	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 85.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 85.2 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/01/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 8 (H210308-08)**

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	02/08/2021	ND	2.32	116	2.00	0.541	
Toluene*	<0.050	0.050	02/08/2021	ND	2.27	114	2.00	0.473	
Ethylbenzene*	<0.050	0.050	02/08/2021	ND	2.23	112	2.00	0.502	
Total Xylenes*	<0.150	0.150	02/08/2021	ND	6.49	108	6.00	0.387	
Total BTEx	<0.300	0.300	02/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/09/2021	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	02/08/2021	ND	220	110	200	2.08	
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	223	111	200	0.0629	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 90.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 90.4 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/01/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 9 (H210308-09)**

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	02/08/2021	ND	2.32	116	2.00	0.541	
Toluene*	<0.050	0.050	02/08/2021	ND	2.27	114	2.00	0.473	
Ethylbenzene*	<0.050	0.050	02/08/2021	ND	2.23	112	2.00	0.502	
Total Xylenes*	<0.150	0.150	02/08/2021	ND	6.49	108	6.00	0.387	
Total BTEx	<0.300	0.300	02/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/09/2021	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	02/08/2021	ND	220	110	200	2.08	
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	223	111	200	0.0629	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 89.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 90.0 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/01/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 10 (H210308-10)**

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	02/08/2021	ND	2.32	116	2.00	0.541	
Toluene*	<0.050	0.050	02/08/2021	ND	2.27	114	2.00	0.473	
Ethylbenzene*	<0.050	0.050	02/08/2021	ND	2.23	112	2.00	0.502	
Total Xylenes*	<0.150	0.150	02/08/2021	ND	6.49	108	6.00	0.387	
Total BTEx	<0.300	0.300	02/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/09/2021	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	02/08/2021	ND	220	110	200	2.08	
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	223	111	200	0.0629	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 90.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 90.8 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/01/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 11 (H210308-11)**

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	02/08/2021	ND	2.32	116	2.00	0.541		
Toluene*	<0.050	0.050	02/08/2021	ND	2.27	114	2.00	0.473		
Ethylbenzene*	<0.050	0.050	02/08/2021	ND	2.23	112	2.00	0.502		
Total Xylenes*	<0.150	0.150	02/08/2021	ND	6.49	108	6.00	0.387		
Total BTEx	<0.300	0.300	02/08/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/09/2021	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	02/08/2021	ND	220	110	200	2.08	
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	223	111	200	0.0629	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 92.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 88.5 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/01/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 12 (H210308-12)**

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	02/08/2021	ND	2.32	116	2.00	0.541	
Toluene*	<0.050	0.050	02/08/2021	ND	2.27	114	2.00	0.473	
Ethylbenzene*	<0.050	0.050	02/08/2021	ND	2.23	112	2.00	0.502	
Total Xylenes*	<0.150	0.150	02/08/2021	ND	6.49	108	6.00	0.387	
Total BTEx	<0.300	0.300	02/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/09/2021	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	02/08/2021	ND	220	110	200	2.08	
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	223	111	200	0.0629	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 86.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 85.6 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/01/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 13 (H210308-13)**

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	02/08/2021	ND	2.32	116	2.00	0.541		
Toluene*	<0.050	0.050	02/08/2021	ND	2.27	114	2.00	0.473		
Ethylbenzene*	<0.050	0.050	02/08/2021	ND	2.23	112	2.00	0.502		
Total Xylenes*	<0.150	0.150	02/08/2021	ND	6.49	108	6.00	0.387		
Total BTEx	<0.300	0.300	02/08/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/09/2021	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	02/08/2021	ND	220	110	200	2.08	
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	223	111	200	0.0629	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 88.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 87.1 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/01/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 14 (H210308-14)**

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	02/08/2021	ND	2.32	116	2.00	0.541		
Toluene*	<0.050	0.050	02/08/2021	ND	2.27	114	2.00	0.473		
Ethylbenzene*	<0.050	0.050	02/08/2021	ND	2.23	112	2.00	0.502		
Total Xylenes*	<0.150	0.150	02/08/2021	ND	6.49	108	6.00	0.387		
Total BTEx	<0.300	0.300	02/08/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	02/09/2021	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	02/08/2021	ND	220	110	200	2.08	
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	223	111	200	0.0629	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 91.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 90.0 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/01/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 15 (H210308-15)**

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	02/08/2021	ND	2.26	113	2.00	3.67	
Toluene*	<0.050	0.050	02/08/2021	ND	2.25	113	2.00	2.75	
Ethylbenzene*	<0.050	0.050	02/08/2021	ND	2.25	113	2.00	2.71	
Total Xylenes*	<0.150	0.150	02/08/2021	ND	7.12	119	6.00	2.61	
Total BTEX	<0.300	0.300	02/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/09/2021	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	02/08/2021	ND	220	110	200	2.08	
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	223	111	200	0.0629	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 87.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 85.4 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/01/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 16 (H210308-16)**

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	02/08/2021	ND	2.26	113	2.00	3.67	
Toluene*	<0.050	0.050	02/08/2021	ND	2.25	113	2.00	2.75	
Ethylbenzene*	<0.050	0.050	02/08/2021	ND	2.25	113	2.00	2.71	
Total Xylenes*	<0.150	0.150	02/08/2021	ND	7.12	119	6.00	2.61	
Total BTX	<0.300	0.300	02/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/09/2021	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	02/08/2021	ND	220	110	200	2.08	
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	223	111	200	0.0629	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 87.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 87.2 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/01/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 17 (H210308-17)**

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	02/08/2021	ND	2.26	113	2.00	3.67	
Toluene*	<0.050	0.050	02/08/2021	ND	2.25	113	2.00	2.75	
Ethylbenzene*	<0.050	0.050	02/08/2021	ND	2.25	113	2.00	2.71	
Total Xylenes*	<0.150	0.150	02/08/2021	ND	7.12	119	6.00	2.61	
Total BTX	<0.300	0.300	02/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/09/2021	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	02/08/2021	ND	220	110	200	2.08	
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	223	111	200	0.0629	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 88.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 86.5 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/01/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 18 (H210308-18)**

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	02/08/2021	ND	2.26	113	2.00	3.67	
Toluene*	<0.050	0.050	02/08/2021	ND	2.25	113	2.00	2.75	
Ethylbenzene*	<0.050	0.050	02/08/2021	ND	2.25	113	2.00	2.71	
Total Xylenes*	<0.150	0.150	02/08/2021	ND	7.12	119	6.00	2.61	
Total BTX	<0.300	0.300	02/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/09/2021	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	02/08/2021	ND	220	110	200	2.08	
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	223	111	200	0.0629	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 82.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 81.9 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/01/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 19 (H210308-19)**

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	02/08/2021	ND	2.26	113	2.00	3.67	
Toluene*	<0.050	0.050	02/08/2021	ND	2.25	113	2.00	2.75	
Ethylbenzene*	<0.050	0.050	02/08/2021	ND	2.25	113	2.00	2.71	
Total Xylenes*	<0.150	0.150	02/08/2021	ND	7.12	119	6.00	2.61	
Total BTX	<0.300	0.300	02/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/09/2021	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	02/08/2021	ND	220	110	200	2.08	
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	223	111	200	0.0629	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 92.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 90.6 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/01/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 20 (H210308-20)**

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	02/08/2021	ND	2.26	113	2.00	3.67	
Toluene*	<0.050	0.050	02/08/2021	ND	2.25	113	2.00	2.75	
Ethylbenzene*	<0.050	0.050	02/08/2021	ND	2.25	113	2.00	2.71	
Total Xylenes*	<0.150	0.150	02/08/2021	ND	7.12	119	6.00	2.61	
Total BTX	<0.300	0.300	02/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/09/2021	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	02/08/2021	ND	220	110	200	2.08	
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	223	111	200	0.0629	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 85.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 83.4 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/01/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 21 (H210308-21)**

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	02/08/2021	ND	2.26	113	2.00	3.67	
Toluene*	<0.050	0.050	02/08/2021	ND	2.25	113	2.00	2.75	
Ethylbenzene*	<0.050	0.050	02/08/2021	ND	2.25	113	2.00	2.71	
Total Xylenes*	<0.150	0.150	02/08/2021	ND	7.12	119	6.00	2.61	
Total BTX	<0.300	0.300	02/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/09/2021	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	02/08/2021	ND	220	110	200	2.08	
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	223	111	200	0.0629	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 78.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 77.6 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/01/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 22 (H210308-22)**

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	02/08/2021	ND	2.26	113	2.00	3.67	
Toluene*	<0.050	0.050	02/08/2021	ND	2.25	113	2.00	2.75	
Ethylbenzene*	<0.050	0.050	02/08/2021	ND	2.25	113	2.00	2.71	
Total Xylenes*	<0.150	0.150	02/08/2021	ND	7.12	119	6.00	2.61	
Total BTX	<0.300	0.300	02/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/09/2021	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	02/08/2021	ND	220	110	200	2.08	
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	223	111	200	0.0629	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 74.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 72.4 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/01/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 23 (H210308-23)**

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	02/08/2021	ND	2.26	113	2.00	3.67	
Toluene*	<0.050	0.050	02/08/2021	ND	2.25	113	2.00	2.75	
Ethylbenzene*	<0.050	0.050	02/08/2021	ND	2.25	113	2.00	2.71	
Total Xylenes*	<0.150	0.150	02/08/2021	ND	7.12	119	6.00	2.61	
Total BTEx	<0.300	0.300	02/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/09/2021	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	02/08/2021	ND	220	110	200	2.08	
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	223	111	200	0.0629	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 77.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 74.7 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/01/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 24 (H210308-24)**

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	02/08/2021	ND	2.26	113	2.00	3.67		
Toluene*	<0.050	0.050	02/08/2021	ND	2.25	113	2.00	2.75		
Ethylbenzene*	<0.050	0.050	02/08/2021	ND	2.25	113	2.00	2.71		
Total Xylenes*	<0.150	0.150	02/08/2021	ND	7.12	119	6.00	2.61		
Total BTEX	<0.300	0.300	02/08/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/09/2021	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	02/08/2021	ND	220	110	200	2.08	
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	223	111	200	0.0629	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 82.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 81.3 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/01/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 25 (H210308-25)**

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	02/08/2021	ND	2.26	113	2.00	3.67	
Toluene*	<0.050	0.050	02/08/2021	ND	2.25	113	2.00	2.75	
Ethylbenzene*	<0.050	0.050	02/08/2021	ND	2.25	113	2.00	2.71	
Total Xylenes*	<0.150	0.150	02/08/2021	ND	7.12	119	6.00	2.61	
Total BTX	<0.300	0.300	02/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/09/2021	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	02/08/2021	ND	220	110	200	2.08	
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	223	111	200	0.0629	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 60.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 58.0 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/01/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 26 (H210308-26)**

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	02/08/2021	ND	2.26	113	2.00	3.67	
Toluene*	<0.050	0.050	02/08/2021	ND	2.25	113	2.00	2.75	
Ethylbenzene*	<0.050	0.050	02/08/2021	ND	2.25	113	2.00	2.71	
Total Xylenes*	<0.150	0.150	02/08/2021	ND	7.12	119	6.00	2.61	
Total BTX	<0.300	0.300	02/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/09/2021	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	02/08/2021	ND	227	114	200	2.81	QR-03
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	203	101	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 110 % 44.3-144

Surrogate: 1-Chlorooctadecane 105 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/01/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 27 (H210308-27)**

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	02/09/2021	ND	2.26	113	2.00	3.67	
Toluene*	<0.050	0.050	02/09/2021	ND	2.25	113	2.00	2.75	
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.25	113	2.00	2.71	
Total Xylenes*	<0.150	0.150	02/09/2021	ND	7.12	119	6.00	2.61	
Total BTX	<0.300	0.300	02/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/09/2021	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	02/08/2021	ND	227	114	200	2.81	
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	203	101	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 93.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 89.6 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/01/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 28 (H210308-28)**

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	02/09/2021	ND	2.26	113	2.00	3.67	
Toluene*	<0.050	0.050	02/09/2021	ND	2.25	113	2.00	2.75	
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.25	113	2.00	2.71	
Total Xylenes*	<0.150	0.150	02/09/2021	ND	7.12	119	6.00	2.61	
Total BTEx	<0.300	0.300	02/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 73.3-129

Chloride, SM4500CI-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	02/09/2021	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	02/08/2021	ND	227	114	200	2.81	
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	203	101	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 107 % 44.3-144

Surrogate: 1-Chlorooctadecane 103 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/01/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 29 (H210308-29)**

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	02/09/2021	ND	2.26	113	2.00	3.67	
Toluene*	<0.050	0.050	02/09/2021	ND	2.25	113	2.00	2.75	
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.25	113	2.00	2.71	
Total Xylenes*	<0.150	0.150	02/09/2021	ND	7.12	119	6.00	2.61	
Total BTEX	<0.300	0.300	02/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

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	02/09/2021	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	02/08/2021	ND	227	114	200	2.81	
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	203	101	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 111 % 44.3-144

Surrogate: 1-Chlorooctadecane 107 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/01/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 30 (H210308-30)**

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	02/09/2021	ND	2.26	113	2.00	3.67	
Toluene*	<0.050	0.050	02/09/2021	ND	2.25	113	2.00	2.75	
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.25	113	2.00	2.71	
Total Xylenes*	<0.150	0.150	02/09/2021	ND	7.12	119	6.00	2.61	
Total BTX	<0.300	0.300	02/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/09/2021	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	02/08/2021	ND	227	114	200	2.81	
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	203	101	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 105 % 44.3-144

Surrogate: 1-Chlorooctadecane 102 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/01/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 31 (H210308-31)**

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	02/09/2021	ND	2.26	113	2.00	3.67	
Toluene*	<0.050	0.050	02/09/2021	ND	2.25	113	2.00	2.75	
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.25	113	2.00	2.71	
Total Xylenes*	<0.150	0.150	02/09/2021	ND	7.12	119	6.00	2.61	
Total BTX	<0.300	0.300	02/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/09/2021	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	02/08/2021	ND	227	114	200	2.81	
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	203	101	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 107 % 44.3-144

Surrogate: 1-Chlorooctadecane 104 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/01/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 32 (H210308-32)**

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	02/09/2021	ND	2.26	113	2.00	3.67		
Toluene*	<0.050	0.050	02/09/2021	ND	2.25	113	2.00	2.75		
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.25	113	2.00	2.71		
Total Xylenes*	<0.150	0.150	02/09/2021	ND	7.12	119	6.00	2.61		
Total BTEx	<0.300	0.300	02/09/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

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	02/09/2021	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	02/08/2021	ND	227	114	200	2.81	
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	203	101	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 100 % 44.3-144

Surrogate: 1-Chlorooctadecane 96.9 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/01/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 33 (H210308-33)**

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	02/09/2021	ND	2.26	113	2.00	3.67	
Toluene*	<0.050	0.050	02/09/2021	ND	2.25	113	2.00	2.75	
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.25	113	2.00	2.71	
Total Xylenes*	<0.150	0.150	02/09/2021	ND	7.12	119	6.00	2.61	
Total BTX	<0.300	0.300	02/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/09/2021	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	02/08/2021	ND	227	114	200	2.81	
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	203	101	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 91.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 87.8 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/01/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 34 (H210308-34)**

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	02/09/2021	ND	2.26	113	2.00	3.67	
Toluene*	<0.050	0.050	02/09/2021	ND	2.25	113	2.00	2.75	
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.25	113	2.00	2.71	
Total Xylenes*	<0.150	0.150	02/09/2021	ND	7.12	119	6.00	2.61	
Total BTX	<0.300	0.300	02/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/09/2021	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	02/08/2021	ND	227	114	200	2.81	
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	203	101	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 88.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 85.6 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/01/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 35 (H210308-35)**

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	02/09/2021	ND	2.23	112	2.00	1.34	
Toluene*	<0.050	0.050	02/09/2021	ND	2.25	112	2.00	1.36	
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.24	112	2.00	1.51	
Total Xylenes*	<0.150	0.150	02/09/2021	ND	7.07	118	6.00	1.06	
Total BTX	<0.300	0.300	02/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/09/2021	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	02/08/2021	ND	227	114	200	2.81	
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	203	101	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 94.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 90.6 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/01/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 36 (H210308-36)**

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	02/09/2021	ND	2.23	112	2.00	1.34	
Toluene*	<0.050	0.050	02/09/2021	ND	2.25	112	2.00	1.36	
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.24	112	2.00	1.51	
Total Xylenes*	<0.150	0.150	02/09/2021	ND	7.07	118	6.00	1.06	
Total BTX	<0.300	0.300	02/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.3-129

Chloride, SM4500CI-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	02/09/2021	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	02/08/2021	ND	227	114	200	2.81	
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	203	101	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 81.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 76.9 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/01/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 37 (H210308-37)**

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	02/09/2021	ND	2.23	112	2.00	1.34		
Toluene*	<0.050	0.050	02/09/2021	ND	2.25	112	2.00	1.36		
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.24	112	2.00	1.51		
Total Xylenes*	<0.150	0.150	02/09/2021	ND	7.07	118	6.00	1.06		
Total BTEx	<0.300	0.300	02/09/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/09/2021	ND	416	104	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	02/08/2021	ND	227	114	200	2.81	
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	203	101	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 99.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 96.9 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/01/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 38 (H210308-38)**

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	02/09/2021	ND	2.23	112	2.00	1.34	
Toluene*	<0.050	0.050	02/09/2021	ND	2.25	112	2.00	1.36	
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.24	112	2.00	1.51	
Total Xylenes*	<0.150	0.150	02/09/2021	ND	7.07	118	6.00	1.06	
Total BTEx	<0.300	0.300	02/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.3-129

Chloride, SM4500CI-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	02/09/2021	ND	416	104	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	02/08/2021	ND	227	114	200	2.81	
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	203	101	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 102 % 44.3-144

Surrogate: 1-Chlorooctadecane 100 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/01/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 39 (H210308-39)**

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	02/09/2021	ND	2.23	112	2.00	1.34	
Toluene*	<0.050	0.050	02/09/2021	ND	2.25	112	2.00	1.36	
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.24	112	2.00	1.51	
Total Xylenes*	<0.150	0.150	02/09/2021	ND	7.07	118	6.00	1.06	
Total BTEx	<0.300	0.300	02/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/09/2021	ND	416	104	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	02/08/2021	ND	227	114	200	2.81	
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	203	101	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 90.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 89.4 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/01/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 40 (H210308-40)**

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	02/09/2021	ND	2.23	112	2.00	1.34	
Toluene*	<0.050	0.050	02/09/2021	ND	2.25	112	2.00	1.36	
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.24	112	2.00	1.51	
Total Xylenes*	<0.150	0.150	02/09/2021	ND	7.07	118	6.00	1.06	
Total BTEx	<0.300	0.300	02/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/09/2021	ND	416	104	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	02/08/2021	ND	227	114	200	2.81	
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	203	101	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 100 % 44.3-144

Surrogate: 1-Chlorooctadecane 97.6 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/01/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 41 (H210308-41)**

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	02/09/2021	ND	2.23	112	2.00	1.34	
Toluene*	<0.050	0.050	02/09/2021	ND	2.25	112	2.00	1.36	
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.24	112	2.00	1.51	
Total Xylenes*	<0.150	0.150	02/09/2021	ND	7.07	118	6.00	1.06	
Total BTEx	<0.300	0.300	02/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 73.3-129

Chloride, SM4500CI-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	02/09/2021	ND	416	104	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	02/08/2021	ND	227	114	200	2.81	
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	203	101	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 103 % 44.3-144

Surrogate: 1-Chlorooctadecane 101 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/01/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 42 (H210308-42)**

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	02/09/2021	ND	2.23	112	2.00	1.34	
Toluene*	<0.050	0.050	02/09/2021	ND	2.25	112	2.00	1.36	
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.24	112	2.00	1.51	
Total Xylenes*	<0.150	0.150	02/09/2021	ND	7.07	118	6.00	1.06	
Total BTEx	<0.300	0.300	02/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/09/2021	ND	416	104	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	02/09/2021	ND	227	114	200	2.81	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	203	101	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 101 % 44.3-144

Surrogate: 1-Chlorooctadecane 100 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/01/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 43 (H210308-43)**

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	02/09/2021	ND	2.23	112	2.00	1.34	
Toluene*	<0.050	0.050	02/09/2021	ND	2.25	112	2.00	1.36	
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.24	112	2.00	1.51	
Total Xylenes*	<0.150	0.150	02/09/2021	ND	7.07	118	6.00	1.06	
Total BTEx	<0.300	0.300	02/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/09/2021	ND	416	104	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	02/09/2021	ND	227	114	200	2.81	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	203	101	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 87.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 83.2 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/02/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 44 (H210308-44)**

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	02/09/2021	ND	2.23	112	2.00	1.34		
Toluene*	<0.050	0.050	02/09/2021	ND	2.25	112	2.00	1.36		
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.24	112	2.00	1.51		
Total Xylenes*	<0.150	0.150	02/09/2021	ND	7.07	118	6.00	1.06		
Total BTEx	<0.300	0.300	02/09/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

Chloride, SM4500CI-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	02/09/2021	ND	416	104	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	02/09/2021	ND	227	114	200	2.81	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	203	101	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 102 % 44.3-144

Surrogate: 1-Chlorooctadecane 102 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/02/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 45 (H210308-45)**

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	02/09/2021	ND	2.23	112	2.00	1.34	
Toluene*	<0.050	0.050	02/09/2021	ND	2.25	112	2.00	1.36	
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.24	112	2.00	1.51	
Total Xylenes*	<0.150	0.150	02/09/2021	ND	7.07	118	6.00	1.06	
Total BTEx	<0.300	0.300	02/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/09/2021	ND	416	104	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	02/09/2021	ND	227	114	200	2.81	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	203	101	200	2.24	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 101 % 44.3-144

Surrogate: 1-Chlorooctadecane 98.6 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/02/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 46 (H210308-46)**

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	02/09/2021	ND	2.23	112	2.00	1.34	
Toluene*	<0.050	0.050	02/09/2021	ND	2.25	112	2.00	1.36	
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.24	112	2.00	1.51	
Total Xylenes*	<0.150	0.150	02/09/2021	ND	7.07	118	6.00	1.06	
Total BTX	<0.300	0.300	02/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 73.3-129

Chloride, SM4500CI-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	02/09/2021	ND	416	104	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	02/08/2021	ND	216	108	200	1.00	QR-03
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	219	110	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 78.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 80.1 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/02/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 47 (H210308-47)**

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	02/09/2021	ND	2.23	112	2.00	1.34	
Toluene*	<0.050	0.050	02/09/2021	ND	2.25	112	2.00	1.36	
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.24	112	2.00	1.51	
Total Xylenes*	<0.150	0.150	02/09/2021	ND	7.07	118	6.00	1.06	
Total BTEx	<0.300	0.300	02/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/09/2021	ND	416	104	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	02/08/2021	ND	216	108	200	1.00	
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	219	110	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 79.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 83.5 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/02/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 48 (H210308-48)**

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	02/09/2021	ND	2.23	112	2.00	1.34	
Toluene*	<0.050	0.050	02/09/2021	ND	2.25	112	2.00	1.36	
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.24	112	2.00	1.51	
Total Xylenes*	<0.150	0.150	02/09/2021	ND	7.07	118	6.00	1.06	
Total BTEx	<0.300	0.300	02/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

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	02/09/2021	ND	416	104	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	02/08/2021	ND	216	108	200	1.00	
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	219	110	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 83.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 85.7 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/02/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 49 (H210308-49)**

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	02/09/2021	ND	2.23	112	2.00	1.34	
Toluene*	<0.050	0.050	02/09/2021	ND	2.25	112	2.00	1.36	
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.24	112	2.00	1.51	
Total Xylenes*	<0.150	0.150	02/09/2021	ND	7.07	118	6.00	1.06	
Total BTEx	<0.300	0.300	02/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/09/2021	ND	416	104	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	02/08/2021	ND	216	108	200	1.00	
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	219	110	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 80.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 84.2 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/02/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 50 (H210308-50)**

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	02/09/2021	ND	2.23	112	2.00	1.34	
Toluene*	<0.050	0.050	02/09/2021	ND	2.25	112	2.00	1.36	
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.24	112	2.00	1.51	
Total Xylenes*	<0.150	0.150	02/09/2021	ND	7.07	118	6.00	1.06	
Total BTEx	<0.300	0.300	02/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/09/2021	ND	416	104	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	02/08/2021	ND	216	108	200	1.00	
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	219	110	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 67.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 69.2 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/02/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 51 (H210308-51)**

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	02/09/2021	ND	2.23	112	2.00	1.34	
Toluene*	<0.050	0.050	02/09/2021	ND	2.25	112	2.00	1.36	
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.24	112	2.00	1.51	
Total Xylenes*	<0.150	0.150	02/09/2021	ND	7.07	118	6.00	1.06	
Total BTX	<0.300	0.300	02/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/09/2021	ND	416	104	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	02/08/2021	ND	216	108	200	1.00	
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	219	110	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 79.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 82.7 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/02/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 52 (H210308-52)**

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	02/09/2021	ND	2.23	112	2.00	1.34	
Toluene*	<0.050	0.050	02/09/2021	ND	2.25	112	2.00	1.36	
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.24	112	2.00	1.51	
Total Xylenes*	<0.150	0.150	02/09/2021	ND	7.07	118	6.00	1.06	
Total BTEx	<0.300	0.300	02/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 73.3-129

Chloride, SM4500CI-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	02/09/2021	ND	416	104	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	02/08/2021	ND	216	108	200	1.00	
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	219	110	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 85.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 87.9 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/02/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 53 (H210308-53)**

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	02/09/2021	ND	2.23	112	2.00	1.34	
Toluene*	<0.050	0.050	02/09/2021	ND	2.25	112	2.00	1.36	
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.24	112	2.00	1.51	
Total Xylenes*	<0.150	0.150	02/09/2021	ND	7.07	118	6.00	1.06	
Total BTX	<0.300	0.300	02/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.3-129

Chloride, SM4500CI-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	02/09/2021	ND	416	104	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	02/08/2021	ND	216	108	200	1.00	
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	219	110	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 77.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 81.4 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/02/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 54 (H210308-54)**

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	02/09/2021	ND	2.23	112	2.00	1.34	
Toluene*	<0.050	0.050	02/09/2021	ND	2.25	112	2.00	1.36	
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.24	112	2.00	1.51	
Total Xylenes*	<0.150	0.150	02/09/2021	ND	7.07	118	6.00	1.06	
Total BTEx	<0.300	0.300	02/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/09/2021	ND	416	104	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	02/08/2021	ND	216	108	200	1.00	
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	219	110	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 82.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 84.1 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/02/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 55 (H210308-55)**

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	02/09/2021	ND	2.32	116	2.00	0.889	
Toluene*	<0.050	0.050	02/09/2021	ND	2.29	114	2.00	1.05	
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.23	111	2.00	0.789	
Total Xylenes*	<0.150	0.150	02/09/2021	ND	6.47	108	6.00	0.788	
Total BTEx	<0.300	0.300	02/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-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	02/09/2021	ND	416	104	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	02/09/2021	ND	216	108	200	1.00	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	219	110	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 85.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 87.7 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/02/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 56 (H210308-56)**

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	02/09/2021	ND	2.32	116	2.00	0.889	
Toluene*	<0.050	0.050	02/09/2021	ND	2.29	114	2.00	1.05	
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.23	111	2.00	0.789	
Total Xylenes*	<0.150	0.150	02/09/2021	ND	6.47	108	6.00	0.788	
Total BTEx	<0.300	0.300	02/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/09/2021	ND	416	104	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	02/09/2021	ND	216	108	200	1.00	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	219	110	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 82.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 84.4 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/02/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 57 (H210308-57)**

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	02/09/2021	ND	2.32	116	2.00	0.889	
Toluene*	<0.050	0.050	02/09/2021	ND	2.29	114	2.00	1.05	
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.23	111	2.00	0.789	
Total Xylenes*	<0.150	0.150	02/09/2021	ND	6.47	108	6.00	0.788	
Total BTX	<0.300	0.300	02/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	02/09/2021	ND	400	100	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	02/09/2021	ND	216	108	200	1.00	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	219	110	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 84.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 86.6 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/02/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 58 (H210308-58)**

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	02/09/2021	ND	2.32	116	2.00	0.889	
Toluene*	<0.050	0.050	02/09/2021	ND	2.29	114	2.00	1.05	
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.23	111	2.00	0.789	
Total Xylenes*	<0.150	0.150	02/09/2021	ND	6.47	108	6.00	0.788	
Total BTEx	<0.300	0.300	02/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/09/2021	ND	400	100	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	02/09/2021	ND	216	108	200	1.00	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	219	110	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 84.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 85.1 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/02/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 59 (H210308-59)**

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	02/09/2021	ND	2.32	116	2.00	0.889	
Toluene*	<0.050	0.050	02/09/2021	ND	2.29	114	2.00	1.05	
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.23	111	2.00	0.789	
Total Xylenes*	<0.150	0.150	02/09/2021	ND	6.47	108	6.00	0.788	
Total BTEx	<0.300	0.300	02/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/09/2021	ND	400	100	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	02/09/2021	ND	216	108	200	1.00	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	219	110	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 74.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 75.2 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/02/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 60 (H210308-60)**

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	02/09/2021	ND	2.32	116	2.00	0.889	
Toluene*	<0.050	0.050	02/09/2021	ND	2.29	114	2.00	1.05	
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.23	111	2.00	0.789	
Total Xylenes*	<0.150	0.150	02/09/2021	ND	6.47	108	6.00	0.788	
Total BTX	<0.300	0.300	02/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/09/2021	ND	400	100	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	02/09/2021	ND	216	108	200	1.00	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	219	110	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 84.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 87.5 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/02/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 61 (H210308-61)**

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	02/09/2021	ND	2.32	116	2.00	0.889	
Toluene*	<0.050	0.050	02/09/2021	ND	2.29	114	2.00	1.05	
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.23	111	2.00	0.789	
Total Xylenes*	<0.150	0.150	02/09/2021	ND	6.47	108	6.00	0.788	
Total BTEx	<0.300	0.300	02/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/09/2021	ND	400	100	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	02/09/2021	ND	216	108	200	1.00	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	219	110	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 91.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 95.1 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/02/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 62 (H210308-62)**

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	02/09/2021	ND	2.32	116	2.00	0.889	
Toluene*	<0.050	0.050	02/09/2021	ND	2.29	114	2.00	1.05	
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.23	111	2.00	0.789	
Total Xylenes*	<0.150	0.150	02/09/2021	ND	6.47	108	6.00	0.788	
Total BTEx	<0.300	0.300	02/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	02/09/2021	ND	400	100	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	02/09/2021	ND	216	108	200	1.00	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	219	110	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 86.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 90.8 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/02/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 63 (H210308-63)**

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	02/09/2021	ND	2.32	116	2.00	0.889	
Toluene*	<0.050	0.050	02/09/2021	ND	2.29	114	2.00	1.05	
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.23	111	2.00	0.789	
Total Xylenes*	<0.150	0.150	02/09/2021	ND	6.47	108	6.00	0.788	
Total BTEx	<0.300	0.300	02/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/09/2021	ND	400	100	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	02/09/2021	ND	216	108	200	1.00	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	219	110	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 86.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 90.2 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/02/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 64 (H210308-64)**

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	02/09/2021	ND	2.32	116	2.00	0.889	
Toluene*	<0.050	0.050	02/09/2021	ND	2.29	114	2.00	1.05	
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.23	111	2.00	0.789	
Total Xylenes*	<0.150	0.150	02/09/2021	ND	6.47	108	6.00	0.788	
Total BTEx	<0.300	0.300	02/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	02/09/2021	ND	400	100	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	02/09/2021	ND	216	108	200	1.00	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	219	110	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 94.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 98.9 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/02/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 65 (H210308-65)**

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	02/09/2021	ND	2.32	116	2.00	0.889	
Toluene*	<0.050	0.050	02/09/2021	ND	2.29	114	2.00	1.05	
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.23	111	2.00	0.789	
Total Xylenes*	<0.150	0.150	02/09/2021	ND	6.47	108	6.00	0.788	
Total BTEx	<0.300	0.300	02/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/09/2021	ND	400	100	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	02/09/2021	ND	216	108	200	1.00	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	219	110	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 83.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 85.2 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/02/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 66 (H210308-66)**

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	02/09/2021	ND	2.32	116	2.00	0.889	
Toluene*	<0.050	0.050	02/09/2021	ND	2.29	114	2.00	1.05	
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.23	111	2.00	0.789	
Total Xylenes*	<0.150	0.150	02/09/2021	ND	6.47	108	6.00	0.788	
Total BTEX	<0.300	0.300	02/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	02/09/2021	ND	400	100	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	02/08/2021	ND	222	111	200	1.98	
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	234	117	200	2.12	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 78.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 79.8 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/02/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 67 (H210308-67)**

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	02/09/2021	ND	2.32	116	2.00	0.889	
Toluene*	<0.050	0.050	02/09/2021	ND	2.29	114	2.00	1.05	
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.23	111	2.00	0.789	
Total Xylenes*	<0.150	0.150	02/09/2021	ND	6.47	108	6.00	0.788	
Total BTX	<0.300	0.300	02/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/09/2021	ND	400	100	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	02/08/2021	ND	222	111	200	1.98	
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	234	117	200	2.12	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 85.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 85.0 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/02/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 68 (H210308-68)**

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	02/09/2021	ND	2.32	116	2.00	0.889	
Toluene*	<0.050	0.050	02/09/2021	ND	2.29	114	2.00	1.05	
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.23	111	2.00	0.789	
Total Xylenes*	<0.150	0.150	02/09/2021	ND	6.47	108	6.00	0.788	
Total BTX	<0.300	0.300	02/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	02/09/2021	ND	400	100	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	02/08/2021	ND	222	111	200	1.98	
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	234	117	200	2.12	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 83.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 82.8 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/02/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 69 (H210308-69)**

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	02/09/2021	ND	2.32	116	2.00	0.889	
Toluene*	<0.050	0.050	02/09/2021	ND	2.29	114	2.00	1.05	
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.23	111	2.00	0.789	
Total Xylenes*	<0.150	0.150	02/09/2021	ND	6.47	108	6.00	0.788	
Total BTX	<0.300	0.300	02/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/09/2021	ND	400	100	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	02/08/2021	ND	222	111	200	1.98	
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	234	117	200	2.12	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 88.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 87.3 % 42.2-156

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\*=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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/02/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 70 (H210308-70)**

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	02/09/2021	ND	2.32	116	2.00	0.889	
Toluene*	<0.050	0.050	02/09/2021	ND	2.29	114	2.00	1.05	
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.23	111	2.00	0.789	
Total Xylenes*	<0.150	0.150	02/09/2021	ND	6.47	108	6.00	0.788	
Total BTEx	<0.300	0.300	02/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/09/2021	ND	400	100	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	02/08/2021	ND	222	111	200	1.98	
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	234	117	200	2.12	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 83.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 83.1 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/02/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 71 (H210308-71)**

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	02/09/2021	ND	2.32	116	2.00	0.889	
Toluene*	<0.050	0.050	02/09/2021	ND	2.29	114	2.00	1.05	
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.23	111	2.00	0.789	
Total Xylenes*	<0.150	0.150	02/09/2021	ND	6.47	108	6.00	0.788	
Total BTX	<0.300	0.300	02/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	02/09/2021	ND	400	100	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	02/08/2021	ND	222	111	200	1.98	
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	234	117	200	2.12	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 88.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 89.8 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/02/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 72 (H210308-72)**

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	02/09/2021	ND	2.32	116	2.00	0.889		
Toluene*	<0.050	0.050	02/09/2021	ND	2.29	114	2.00	1.05		
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.23	111	2.00	0.789		
Total Xylenes*	<0.150	0.150	02/09/2021	ND	6.47	108	6.00	0.788		
Total BTEx	<0.300	0.300	02/09/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	02/09/2021	ND	400	100	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	02/08/2021	ND	222	111	200	1.98	
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	234	117	200	2.12	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 86.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 87.9 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/02/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 73 (H210308-73)**

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	02/09/2021	ND	2.32	116	2.00	0.889	
Toluene*	<0.050	0.050	02/09/2021	ND	2.29	114	2.00	1.05	
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.23	111	2.00	0.789	
Total Xylenes*	<0.150	0.150	02/09/2021	ND	6.47	108	6.00	0.788	
Total BTEx	<0.300	0.300	02/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	02/09/2021	ND	400	100	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	02/08/2021	ND	222	111	200	1.98	
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	234	117	200	2.12	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 90.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 93.4 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/02/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 74 (H210308-74)**

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	02/10/2021	ND	2.17	109	2.00	2.23		
Toluene*	<0.050	0.050	02/10/2021	ND	2.14	107	2.00	2.60		
Ethylbenzene*	<0.050	0.050	02/10/2021	ND	2.09	105	2.00	2.58		
Total Xylenes*	<0.150	0.150	02/10/2021	ND	6.12	102	6.00	2.13		
Total BTEX	<0.300	0.300	02/10/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/09/2021	ND	400	100	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	02/09/2021	ND	222	111	200	1.98	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	234	117	200	2.12	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 84.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 84.7 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/02/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 75 (H210308-75)**

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	02/09/2021	ND	2.31	115	2.00	0.599		
Toluene*	<0.050	0.050	02/09/2021	ND	2.27	114	2.00	0.951		
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.23	112	2.00	1.50		
Total Xylenes*	<0.150	0.150	02/09/2021	ND	6.52	109	6.00	1.24		
Total BTEx	<0.300	0.300	02/09/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	02/09/2021	ND	400	100	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	02/09/2021	ND	222	111	200	1.98	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	234	117	200	2.12	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 87.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 89.7 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/02/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 76 (H210308-76)**

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	02/09/2021	ND	2.31	115	2.00	0.599		
Toluene*	<0.050	0.050	02/09/2021	ND	2.27	114	2.00	0.951		
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.23	112	2.00	1.50		
Total Xylenes*	<0.150	0.150	02/09/2021	ND	6.52	109	6.00	1.24		
Total BTX	<0.300	0.300	02/09/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	02/09/2021	ND	400	100	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	02/09/2021	ND	222	111	200	1.98	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	234	117	200	2.12	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 85.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 85.9 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/02/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 77 (H210308-77)**

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	02/09/2021	ND	2.31	115	2.00	0.599	
Toluene*	<0.050	0.050	02/09/2021	ND	2.27	114	2.00	0.951	
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.23	112	2.00	1.50	
Total Xylenes*	<0.150	0.150	02/09/2021	ND	6.52	109	6.00	1.24	
Total BTX	<0.300	0.300	02/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/09/2021	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	02/09/2021	ND	222	111	200	1.98	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	234	117	200	2.12	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 88.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 89.9 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/02/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 78 (H210308-78)**

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	02/09/2021	ND	2.31	115	2.00	0.599	
Toluene*	<0.050	0.050	02/09/2021	ND	2.27	114	2.00	0.951	
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.23	112	2.00	1.50	
Total Xylenes*	<0.150	0.150	02/09/2021	ND	6.52	109	6.00	1.24	
Total BTX	<0.300	0.300	02/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/09/2021	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	02/09/2021	ND	222	111	200	1.98	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	234	117	200	2.12	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 79.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 80.9 % 42.2-156

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\*=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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/02/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 79 (H210308-79)**

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	02/09/2021	ND	2.31	115	2.00	0.599		
Toluene*	<0.050	0.050	02/09/2021	ND	2.27	114	2.00	0.951		
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.23	112	2.00	1.50		
Total Xylenes*	<0.150	0.150	02/09/2021	ND	6.52	109	6.00	1.24		
Total BTEx	<0.300	0.300	02/09/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/09/2021	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	02/09/2021	ND	222	111	200	1.98	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	234	117	200	2.12	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 83.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 84.6 % 42.2-156

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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: 02/08/2021  
 Reported: 02/10/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/02/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 80 (H210308-80)**

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	02/09/2021	ND	2.31	115	2.00	0.599		
Toluene*	<0.050	0.050	02/09/2021	ND	2.27	114	2.00	0.951		
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.23	112	2.00	1.50		
Total Xylenes*	<0.150	0.150	02/09/2021	ND	6.52	109	6.00	1.24		
Total BTEx	<0.300	0.300	02/09/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/09/2021	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	02/09/2021	ND	222	111	200	1.98	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	234	117	200	2.12	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 84.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 85.8 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager

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---

### Notes and Definitions

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

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

---

Celey D. Keene, Lab Director/Quality Manager





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**CARDINAL LABORATORIES**

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**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

30717

<b>Company Name:</b> BBC International, Inc.				<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>													
<b>Project Manager:</b> Cliff Brunson				<b>P.O. #:</b>																	
<b>Address:</b> P.O. Box 805				<b>Company:</b> OXY																	
<b>City:</b> Hobbs <b>State:</b> NM <b>Zip:</b> 88241				<b>Attn:</b> WADE																	
<b>Phone #:</b> 575-397-6388 <b>Fax #:</b> 575-397-0397				<b>Address:</b>																	
<b>Project #:</b> <b>Project Owner:</b> Oxy				<b>City:</b>																	
<b>Project Name:</b> STATE DW #0006 (6-4-19)				<b>State:</b> <b>Zip:</b>																	
<b>Project Location:</b> LEA COUNTY, NM				<b>Phone #:</b>																	
<b>Sampler Name:</b> Simon Rendon				<b>Fax #:</b>																	
<small>FOR LAB USE ONLY</small>																					
<b>Lab I.D.</b>	<b>Sample I.D.</b>	<b>(G)RAB OR (C)OMP.</b>	<b># CONTAINERS</b>	<b>MATRIX</b>				<b>PRESERV.</b>	<b>SAMPLING</b>												
				<b>GROUNDWATER</b>	<b>WASTEWATER</b>	<b>SOIL</b>	<b>OIL</b>	<b>SLUDGE</b>	<b>OTHER :</b>	<b>ACID/BASE:</b>	<b>ICE / COOL</b>	<b>OTHER :</b>	<b>DATE</b>	<b>TIME</b>	<b>CL</b>	<b>BTEX</b>	<b>TPH</b>	<b>EXT</b>			
H210308																					
21	BS21	G	1										2-1-21	12:46 PM	✓	✓	✓				
22	BS22												2-1-21	12:57 PM	✓	✓	✓				
23	BS23												2-1-21	1:09 PM	✓	✓	✓				
24	BS24												2-1-21	1:20 PM	✓	✓	✓				
25	BS25												2-1-21	1:32 PM	✓	✓	✓				
26	BS26												2-1-21	1:43 PM	✓	✓	✓				
27	BS27												2-1-21	1:54 PM	✓	✓	✓				
28	BS28												2-1-21	2:00 PM	✓	✓	✓				
29	BS29												2-1-21	2:11 PM	✓	✓	✓				
30	BS30												2-1-21	2:30 PM	✓	✓	✓				

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<b>Relinquished By:</b> 	<b>Date:</b> 2-21 <b>Time:</b>	<b>Received By:</b> 	<b>Phone Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Add'l Phone #:</b>
<b>Relinquished By:</b> 	<b>Date:</b> 2-28-21 <b>Time:</b> 0830	<b>Received By:</b> 	<b>Fax Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Add'l Fax #:</b>
<b>Delivered By: (Circle One)</b> Sampler - UPS - Bus - Other: 1.30 #113		<b>Sample Condition</b> Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>CHECKED BY:</b> (Initials) yo.
<b>REMARKS:</b> 			

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## **CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

50617

Company Name: BBC International, Inc.				<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>																	
Project Manager: Cliff Brunson				P.O. #:																					
Address: P.O. Box 805				Company: OXY																					
City: Hobbs State: NM Zip: 88241				Attn: WADE																					
Phone #: 575-397-6388 Fax #: 575-397-0397				Address:																					
Project #: Project Owner: Oxy				City:																					
Project Name: STATE DW #0006 (6-4-19)				State: Zip:																					
Project Location: LEA COUNTY, NM				Phone #:																					
Sampler Name: Simon Rendon				Fax #:																					
FOR LAB USE ONLY				MATRIX		PRESERV.		SAMPLING																	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE:	ICE / COOL	OTHER	DATE	TIME	CL	BTEX	TPH	EXT							
H210308																									
41	BS41	G	I										2-1-21	4:14 PM	✓	✓	✓								
42	BS42												2-1-21	4:20 PM	✓	✓	✓								
43	BS43												2-1-21	4:26 PM	✓	✓	✓								
44	BS44												2-2-21	8:15 AM	✓	✓	✓								
45	BS45												2-2-21	8:23 AM	✓	✓	✓								
46	BS46												2-2-21	8:35 AM	✓	✓	✓								
47	BS47												2-2-21	8:46 AM	✓	✓	✓								
48	BS48												2-2-21	8:58 AM	✓	✓	✓								
49	BS49												2-2-21	9:08 AM	✓	✓	✓								
50	BS50												2-2-21	9:19 AM	✓	✓	✓								

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Relinquished By:	Date: 2-8-21	Received By:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
	Time: 5		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date: 2-8-21	Received By:	REMARKS:	
	Time: 0830		RUSH	
Delivered By: (Circle One)				
Sampler - UPS - Bus - Other:	1.30 #113	Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: (Initials) TO.	

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**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

60817

<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 Owner:</b> Oxy <b>Project Name:</b> STATE DW #0006 (6-4-19) <b>Project Location:</b> LEA COUNTY, NM <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>															
FOR LAB USE ONLY				<b>MATRIX</b> GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:				<b>PRESERV.</b> ACID/BASE: ICE / COOL OTHER:		<b>SAMPLING</b> DATE TIME		CL BTEX TPH EXT											
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS																				
H210308	BS51	G	1							2-2-21 9:28 AM		✓ ✓ ✓											
51	BS52									2-2-21 9:41 AM		✓ ✓ ✓											
52	BS53									2-2-21 9:53 AM		✓ ✓ ✓											
53	BS54									2-2-21 10:03 AM		✓ ✓ ✓											
54	BS55									2-2-21 10:28 AM		✓ ✓ ✓											
55	BS56									2-2-21 10:41 AM		✓ ✓ ✓											
56	BS57									2-2-21 10:54 AM		✓ ✓ ✓											
57	BS58									2-2-21 11:06 AM		✓ ✓ ✓											
58	BS59									2-2-21 11:18 AM		✓ ✓ ✓											
59	BS60									2-2-21 11:31 AM		✓ ✓ ✓											
60																							

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<b>Relinquished By:</b>  <b>Date:</b> 2-2-21 <b>Time:</b>	<b>Received By:</b>  <b>Date:</b> 2-8-21 <b>Time:</b> 0830	<b>Phone Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Fax Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>REMARKS:</b> 
<b>Relinquished By:</b>  <b>Date:</b> 2-8-21 <b>Time:</b> 0830	<b>Received By:</b>  <b>Date:</b> 2-8-21 <b>Time:</b> 0830	<b>Phone Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Fax Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>REMARKS:</b> 
<b>Delivered By: (Circle One)</b> Sampler - UPS - Bus - Other: 1.30 #113		
<b>Sample Condition</b> Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
<b>CHECKED BY:</b> (Initials) TO.		

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## **CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

7917

Company Name: BBC International, Inc.				<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>											
Project Manager: Cliff Brunson				P.O. #:															
Address: P.O. Box 805				Company: OXY															
City: Hobbs State: NM Zip: 88241				Attn: WADE															
Phone #: 575-397-6388 Fax #: 575-397-0397				Address:															
Project #: Project Owner: Oxy				City:															
Project Name: STATE DW #0006 (6-4-19)				State: Zip:															
Project Location: LEA COUNTY, NM				Phone #:															
Sampler Name: Simon Rendon				Fax #:															
FOR LAB USE ONLY																			
Lab I.D.	Sample I.D.	(GRAB OR (COMP. # CONTAINERS	MATRIX	PRESERV.	SAMPLING	DATE	TIME	CL	BTEX	TPH	EXT								
H210308																			
61	BS61	G	GROUNDWATER			2-2-21	11:40 AM	✓	✓	✓									
62	BS62		WASTEWATER			2-2-21	11:52 AM	✓	✓	✓									
63	BS63		SOIL			2-2-21	12:03 PM	✓	✓	✓									
64	BS64		OIL			2-2-21	12:46 PM	✓	✓	✓									
65	BS65		SLUDGE			2-2-21	12:55 PM	✓	✓	✓									
66	BS66		OTHER :			2-2-21	1:10 PM	✓	✓	✓									
67	BS67		ACID/BASE:			2-2-21	1:19 PM	✓	✓	✓									
68	BS68		ICE / COOL			2-2-21	1:30 PM	✓	✓	✓									
69	BS69		OTHER :			2-2-21	1:42 PM	✓	✓	✓									
70	BS70					2-2-21	1:53 PM	✓	✓	✓									

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Relinquished By:	Date: 2-2-21	Received By:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
	Time: 3		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date: 2-8-21	Received By:	REMARKS:	
	Time: 0830			
Delivered By: (Circle One)				
Sampler - UPS - Bus - Other:	1.3e #113	Sample Condition		
		Cool Intact		
		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
		<input type="checkbox"/> No <input type="checkbox"/> No		
		CHECKED BY:		
		(Initials)		
		TO.		

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**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

80617

Company Name: BBC International, Inc.				<b>BILL TO</b>												<b>ANALYSIS REQUEST</b>																					
Project Manager: Cliff Brunson				P.O. #:																																	
Address: P.O. Box 805				Company: OXY																																	
City: Hobbs State: NM Zip: 88241				Attn: WADE																																	
Phone #: 575-397-6388 Fax #: 575-397-0397				Address:																																	
Project #: Project Owner: Oxy				City:																																	
Project Name: STATE DW #0006 (6-4-19)				State: Zip:																																	
Project Location: LEA COUNTY, NM				Phone #:																																	
Sampler Name: Simon Rendon				Fax #:																																	
FOR LAB USE ONLY																																					
Lab I.D.		Sample I.D.		G/RAB OR (COMP. # CONTAINERS		MATRIX				PRESERV.		SAMPLING																									
						GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER :				ACID/BASE: ICE / COOL OTHER :		DATE TIME																									
H210308				G I																																	
71 BS71												2-2-21 2:03 PM																									
72 BS72												2-2-21 2:15 PM																									
73 BS73												2-2-21 2:24 PM																									
74 BS74												2-2-21 2:24 PM																									
75 BS75												2-2-21 2:35 PM																									
76 BS76												2-2-21 2:44 PM																									
77 BS77												2-2-21 2:57 PM																									
78 BS78												2-2-21 3:04 PM																									
79 BS79												2-2-21 3:12 PM																									
80 BS80												2-2-21 3:21 PM																									

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Relinquished By:	Date: 2-2-21 Time:	Received By:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
Relinquished By:	Date: 2-8-21 Time: 0830	Received By:	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: (Initials) 	REMARKS: 

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



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---

February 11, 2021

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: STATE DW #0006

Enclosed are the results of analyses for samples received by the laboratory on 02/08/21 8:30.

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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/02/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 81 (H210309-01)**

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	02/09/2021	ND	2.31	115	2.00	0.599	
Toluene*	<0.050	0.050	02/09/2021	ND	2.27	114	2.00	0.951	
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.23	112	2.00	1.50	
Total Xylenes*	<0.150	0.150	02/09/2021	ND	6.52	109	6.00	1.24	
Total BTX	<0.300	0.300	02/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/09/2021	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	02/09/2021	ND	222	111	200	1.98	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	234	117	200	2.12	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 90.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 90.5 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/02/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 82 (H210309-02)**

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	02/09/2021	ND	2.31	115	2.00	0.599		
Toluene*	<0.050	0.050	02/09/2021	ND	2.27	114	2.00	0.951		
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.23	112	2.00	1.50		
Total Xylenes*	<0.150	0.150	02/09/2021	ND	6.52	109	6.00	1.24		
Total BTX	<0.300	0.300	02/09/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	02/09/2021	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	02/09/2021	ND	222	111	200	1.98	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	234	117	200	2.12	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 90.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 96.1 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/02/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 83 (H210309-03)**

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	02/09/2021	ND	2.31	115	2.00	0.599		
Toluene*	<0.050	0.050	02/09/2021	ND	2.27	114	2.00	0.951		
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.23	112	2.00	1.50		
Total Xylenes*	<0.150	0.150	02/09/2021	ND	6.52	109	6.00	1.24		
Total BTEx	<0.300	0.300	02/09/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	02/09/2021	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	02/09/2021	ND	222	111	200	1.98	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	234	117	200	2.12	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 86.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 87.1 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/02/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 84 (H210309-04)**

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	02/09/2021	ND	2.31	115	2.00	0.599	
Toluene*	<0.050	0.050	02/09/2021	ND	2.27	114	2.00	0.951	
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.23	112	2.00	1.50	
Total Xylenes*	<0.150	0.150	02/09/2021	ND	6.52	109	6.00	1.24	
Total BTX	<0.300	0.300	02/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	02/09/2021	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	02/09/2021	ND	222	111	200	1.98	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	234	117	200	2.12	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 96.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 97.9 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/02/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 85 (H210309-05)**

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	02/09/2021	ND	2.31	115	2.00	0.599		
Toluene*	<0.050	0.050	02/09/2021	ND	2.27	114	2.00	0.951		
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.23	112	2.00	1.50		
Total Xylenes*	<0.150	0.150	02/09/2021	ND	6.52	109	6.00	1.24		
Total BTEx	<0.300	0.300	02/09/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/09/2021	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	02/09/2021	ND	222	111	200	1.98	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	234	117	200	2.12	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 94.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 95.8 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/02/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 86 (H210309-06)**

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	02/09/2021	ND	2.31	115	2.00	0.599		
Toluene*	<0.050	0.050	02/09/2021	ND	2.27	114	2.00	0.951		
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.23	112	2.00	1.50		
Total Xylenes*	<0.150	0.150	02/09/2021	ND	6.52	109	6.00	1.24		
Total BTEX	<0.300	0.300	02/09/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/09/2021	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	02/08/2021	ND	225	113	200	3.43	
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	227	113	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 92.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 94.6 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/02/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 87 (H210309-07)**

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	02/09/2021	ND	2.31	115	2.00	0.599		
Toluene*	<0.050	0.050	02/09/2021	ND	2.27	114	2.00	0.951		
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.23	112	2.00	1.50		
Total Xylenes*	<0.150	0.150	02/09/2021	ND	6.52	109	6.00	1.24		
Total BTEx	<0.300	0.300	02/09/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	02/09/2021	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	02/08/2021	ND	225	113	200	3.43	
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	227	113	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 90.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 92.0 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/02/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 88 (H210309-08)**

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	02/09/2021	ND	2.31	115	2.00	0.599		
Toluene*	<0.050	0.050	02/09/2021	ND	2.27	114	2.00	0.951		
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.23	112	2.00	1.50		
Total Xylenes*	<0.150	0.150	02/09/2021	ND	6.52	109	6.00	1.24		
Total BTX	<0.300	0.300	02/09/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/09/2021	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	02/08/2021	ND	225	113	200	3.43	
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	227	113	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 85.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 87.2 % 42.2-156

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\*=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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/02/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 89 (H210309-09)**

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	02/09/2021	ND	2.31	115	2.00	0.599		
Toluene*	<0.050	0.050	02/09/2021	ND	2.27	114	2.00	0.951		
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.23	112	2.00	1.50		
Total Xylenes*	<0.150	0.150	02/09/2021	ND	6.52	109	6.00	1.24		
Total BTEx	<0.300	0.300	02/09/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/09/2021	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	02/09/2021	ND	225	113	200	3.43	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	227	113	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 88.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 90.5 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/02/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 90 (H210309-10)**

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	02/09/2021	ND	2.31	115	2.00	0.599		
Toluene*	<0.050	0.050	02/09/2021	ND	2.27	114	2.00	0.951		
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.23	112	2.00	1.50		
Total Xylenes*	<0.150	0.150	02/09/2021	ND	6.52	109	6.00	1.24		
Total BTEx	<0.300	0.300	02/09/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/09/2021	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	02/09/2021	ND	225	113	200	3.43	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	227	113	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 84.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 87.0 % 42.2-156

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\*=Accredited Analyte

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/03/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 91 (H210309-11)**

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	02/09/2021	ND	2.31	115	2.00	0.599	
Toluene*	<0.050	0.050	02/09/2021	ND	2.27	114	2.00	0.951	
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.23	112	2.00	1.50	
Total Xylenes*	<0.150	0.150	02/09/2021	ND	6.52	109	6.00	1.24	
Total BTEX	<0.300	0.300	02/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/09/2021	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	02/09/2021	ND	221	110	200	0.671	QR-03
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	218	109	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 72.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 73.1 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/03/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 92 (H210309-12)**

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	02/09/2021	ND	2.31	115	2.00	0.599		
Toluene*	<0.050	0.050	02/09/2021	ND	2.27	114	2.00	0.951		
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.23	112	2.00	1.50		
Total Xylenes*	<0.150	0.150	02/09/2021	ND	6.52	109	6.00	1.24		
Total BTEx	<0.300	0.300	02/09/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/09/2021	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	02/09/2021	ND	221	110	200	0.671	
DRO >C10-C28*	10.3	10.0	02/09/2021	ND	218	109	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 73.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 75.3 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/03/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 93 (H210309-13)**

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	02/09/2021	ND	2.31	115	2.00	0.599	
Toluene*	<0.050	0.050	02/09/2021	ND	2.27	114	2.00	0.951	
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.23	112	2.00	1.50	
Total Xylenes*	<0.150	0.150	02/09/2021	ND	6.52	109	6.00	1.24	
Total BTX	<0.300	0.300	02/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/09/2021	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	02/09/2021	ND	221	110	200	0.671	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	218	109	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 72.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 74.9 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/03/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 94 (H210309-14)**

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	02/09/2021	ND	2.31	115	2.00	0.599		
Toluene*	<0.050	0.050	02/09/2021	ND	2.27	114	2.00	0.951		
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.23	112	2.00	1.50		
Total Xylenes*	<0.150	0.150	02/09/2021	ND	6.52	109	6.00	1.24		
Total BTX	<0.300	0.300	02/09/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	02/09/2021	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	02/09/2021	ND	221	110	200	0.671	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	218	109	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 80.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 80.1 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/03/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 95 (H210309-15)**

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	02/09/2021	ND	2.17	108	2.00	3.62		
Toluene*	<0.050	0.050	02/09/2021	ND	2.22	111	2.00	2.76		
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.39	120	2.00	3.42		
Total Xylenes*	<0.150	0.150	02/09/2021	ND	6.96	116	6.00	3.61		
Total BTEX	<0.300	0.300	02/09/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	02/09/2021	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	02/09/2021	ND	221	110	200	0.671	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	218	109	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 75.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 75.9 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/03/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 96 (H210309-16)**

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	02/09/2021	ND	2.17	108	2.00	3.62		
Toluene*	<0.050	0.050	02/09/2021	ND	2.22	111	2.00	2.76		
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.39	120	2.00	3.42		
Total Xylenes*	<0.150	0.150	02/09/2021	ND	6.96	116	6.00	3.61		
Total BTX	<0.300	0.300	02/09/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/09/2021	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	02/09/2021	ND	221	110	200	0.671	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	218	109	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 76.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 75.7 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/03/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 97 (H210309-17)**

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	02/09/2021	ND	2.17	108	2.00	3.62		
Toluene*	<0.050	0.050	02/09/2021	ND	2.22	111	2.00	2.76		
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.39	120	2.00	3.42		
Total Xylenes*	<0.150	0.150	02/09/2021	ND	6.96	116	6.00	3.61		
Total BTX	<0.300	0.300	02/09/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/10/2021	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	02/09/2021	ND	221	110	200	0.671	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	218	109	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 84.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 84.8 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/03/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 98 (H210309-18)**

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	02/09/2021	ND	2.17	108	2.00	3.62		
Toluene*	<0.050	0.050	02/09/2021	ND	2.22	111	2.00	2.76		
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.39	120	2.00	3.42		
Total Xylenes*	<0.150	0.150	02/09/2021	ND	6.96	116	6.00	3.61		
Total BTEX	<0.300	0.300	02/09/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.3-129

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	02/10/2021	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	02/09/2021	ND	221	110	200	0.671	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	218	109	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 75.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 74.4 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/03/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 99 (H210309-19)**

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	02/09/2021	ND	2.17	108	2.00	3.62		
Toluene*	<0.050	0.050	02/09/2021	ND	2.22	111	2.00	2.76		
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.39	120	2.00	3.42		
Total Xylenes*	<0.150	0.150	02/09/2021	ND	6.96	116	6.00	3.61		
Total BTX	<0.300	0.300	02/09/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

Chloride, SM4500CI-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	02/10/2021	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	02/09/2021	ND	221	110	200	0.671	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	218	109	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 82.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 81.6 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/03/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 100 (H210309-20)**

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	02/09/2021	ND	2.17	108	2.00	3.62		
Toluene*	<0.050	0.050	02/09/2021	ND	2.22	111	2.00	2.76		
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.39	120	2.00	3.42		
Total Xylenes*	<0.150	0.150	02/09/2021	ND	6.96	116	6.00	3.61		
Total BTEx	<0.300	0.300	02/09/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.3-129

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	02/10/2021	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	02/09/2021	ND	221	110	200	0.671	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	218	109	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 65.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 66.2 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager





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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/03/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 101 (H210309-21)**

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	02/09/2021	ND	2.17	108	2.00	3.62	
Toluene*	<0.050	0.050	02/09/2021	ND	2.22	111	2.00	2.76	
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.39	120	2.00	3.42	
Total Xylenes*	<0.150	0.150	02/09/2021	ND	6.96	116	6.00	3.61	
Total BTX	<0.300	0.300	02/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/10/2021	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	02/09/2021	ND	221	110	200	0.671	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	218	109	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 70.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 71.5 % 42.2-156

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**Analytical Results For:**

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

Received: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/03/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 102 (H210309-22)**

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	02/09/2021	ND	2.17	108	2.00	3.62		
Toluene*	<0.050	0.050	02/09/2021	ND	2.22	111	2.00	2.76		
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.39	120	2.00	3.42		
Total Xylenes*	<0.150	0.150	02/09/2021	ND	6.96	116	6.00	3.61		
Total BTEx	<0.300	0.300	02/09/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 73.3-129

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	02/10/2021	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	02/09/2021	ND	221	110	200	0.671	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	218	109	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 83.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 84.6 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/03/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 103 (H210309-23)**

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	02/09/2021	ND	2.17	108	2.00	3.62		
Toluene*	<0.050	0.050	02/09/2021	ND	2.22	111	2.00	2.76		
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.39	120	2.00	3.42		
Total Xylenes*	<0.150	0.150	02/09/2021	ND	6.96	116	6.00	3.61		
Total BTEx	<0.300	0.300	02/09/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	02/10/2021	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	02/09/2021	ND	221	110	200	0.671	
DRO >C10-C28*	10.6	10.0	02/09/2021	ND	218	109	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 74.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 75.4 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/03/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 104 (H210309-24)**

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	02/09/2021	ND	2.17	108	2.00	3.62	
Toluene*	<0.050	0.050	02/09/2021	ND	2.22	111	2.00	2.76	
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.39	120	2.00	3.42	
Total Xylenes*	<0.150	0.150	02/09/2021	ND	6.96	116	6.00	3.61	
Total BTEX	<0.300	0.300	02/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

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	02/10/2021	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	02/09/2021	ND	221	110	200	0.671	
DRO >C10-C28*	10.2	10.0	02/09/2021	ND	218	109	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 66.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 66.2 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/03/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 105 (H210309-25)**

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	02/09/2021	ND	2.17	108	2.00	3.62	
Toluene*	<0.050	0.050	02/09/2021	ND	2.22	111	2.00	2.76	
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.39	120	2.00	3.42	
Total Xylenes*	<0.150	0.150	02/09/2021	ND	6.96	116	6.00	3.61	
Total BTEX	<0.300	0.300	02/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	02/10/2021	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	02/09/2021	ND	221	110	200	0.671	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	218	109	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 78.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 79.9 % 42.2-156

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\*=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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/03/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 106 (H210309-26)**

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	02/09/2021	ND	2.17	108	2.00	3.62	
Toluene*	<0.050	0.050	02/09/2021	ND	2.22	111	2.00	2.76	
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.39	120	2.00	3.42	
Total Xylenes*	<0.150	0.150	02/09/2021	ND	6.96	116	6.00	3.61	
Total BTX	<0.300	0.300	02/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 73.3-129

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	02/10/2021	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	02/09/2021	ND	221	110	200	0.671	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	218	109	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 73.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 73.5 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/03/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 107 (H210309-27)**

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	02/09/2021	ND	2.17	108	2.00	3.62		
Toluene*	<0.050	0.050	02/09/2021	ND	2.22	111	2.00	2.76		
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.39	120	2.00	3.42		
Total Xylenes*	<0.150	0.150	02/09/2021	ND	6.96	116	6.00	3.61		
Total BTEx	<0.300	0.300	02/09/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	02/10/2021	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	02/09/2021	ND	221	110	200	0.671	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	218	109	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 69.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 70.9 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/03/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 108 (H210309-28)**

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	02/09/2021	ND	2.17	108	2.00	3.62	
Toluene*	<0.050	0.050	02/09/2021	ND	2.22	111	2.00	2.76	
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.39	120	2.00	3.42	
Total Xylenes*	<0.150	0.150	02/09/2021	ND	6.96	116	6.00	3.61	
Total BTX	<0.300	0.300	02/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

Chloride, SM4500CI-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	02/10/2021	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	02/09/2021	ND	221	110	200	0.671	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	218	109	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 68.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 68.9 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/03/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 109 (H210309-29)**

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	02/09/2021	ND	2.17	108	2.00	3.62	
Toluene*	<0.050	0.050	02/09/2021	ND	2.22	111	2.00	2.76	
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.39	120	2.00	3.42	
Total Xylenes*	<0.150	0.150	02/09/2021	ND	6.96	116	6.00	3.61	
Total BTEX	<0.300	0.300	02/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 73.3-129

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	02/10/2021	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	02/09/2021	ND	221	110	200	0.671	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	218	109	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 73.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 73.7 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/03/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 110 (H210309-30)**

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	02/09/2021	ND	2.17	108	2.00	3.62		
Toluene*	<0.050	0.050	02/09/2021	ND	2.22	111	2.00	2.76		
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.39	120	2.00	3.42		
Total Xylenes*	<0.150	0.150	02/09/2021	ND	6.96	116	6.00	3.61		
Total BTEx	<0.300	0.300	02/09/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

Chloride, SM4500CI-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	02/10/2021	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	02/09/2021	ND	221	110	200	0.671	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	218	109	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 66.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 66.2 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/03/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 111 (H210309-31)**

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	02/09/2021	ND	2.17	108	2.00	3.62		
Toluene*	<0.050	0.050	02/09/2021	ND	2.22	111	2.00	2.76		
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.39	120	2.00	3.42		
Total Xylenes*	<0.150	0.150	02/09/2021	ND	6.96	116	6.00	3.61		
Total BTEx	<0.300	0.300	02/09/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/10/2021	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	02/09/2021	ND	215	108	200	1.46	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	232	116	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 76.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 75.4 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/03/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 112 (H210309-32)**

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	02/09/2021	ND	2.17	108	2.00	3.62		
Toluene*	<0.050	0.050	02/09/2021	ND	2.22	111	2.00	2.76		
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.39	120	2.00	3.42		
Total Xylenes*	<0.150	0.150	02/09/2021	ND	6.96	116	6.00	3.61		
Total BTEx	<0.300	0.300	02/09/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/10/2021	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	02/09/2021	ND	215	108	200	1.46	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	232	116	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 78.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 77.6 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/03/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 113 (H210309-33)**

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	02/09/2021	ND	2.17	108	2.00	3.62	
Toluene*	<0.050	0.050	02/09/2021	ND	2.22	111	2.00	2.76	
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.39	120	2.00	3.42	
Total Xylenes*	<0.150	0.150	02/09/2021	ND	6.96	116	6.00	3.61	
Total BTEx	<0.300	0.300	02/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/10/2021	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	02/09/2021	ND	215	108	200	1.46	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	232	116	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 75.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 72.5 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/03/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 114 (H210309-34)**

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	02/09/2021	ND	2.17	108	2.00	3.62	
Toluene*	<0.050	0.050	02/09/2021	ND	2.22	111	2.00	2.76	
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.39	120	2.00	3.42	
Total Xylenes*	<0.150	0.150	02/09/2021	ND	6.96	116	6.00	3.61	
Total BTEx	<0.300	0.300	02/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.3-129

Chloride, SM4500CI-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	02/10/2021	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	02/09/2021	ND	215	108	200	1.46	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	232	116	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 67.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 65.1 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/03/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 115 (H210309-35)**

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	02/09/2021	ND	2.12	106	2.00	1.87	
Toluene*	<0.050	0.050	02/09/2021	ND	2.15	108	2.00	1.90	
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.32	116	2.00	2.15	
Total Xylenes*	<0.150	0.150	02/09/2021	ND	6.71	112	6.00	2.78	
Total BTEx	<0.300	0.300	02/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	02/10/2021	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	02/09/2021	ND	215	108	200	1.46	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	232	116	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 75.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 74.8 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/03/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 116 (H210309-36)**

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	02/09/2021	ND	2.12	106	2.00	1.87		
Toluene*	<0.050	0.050	02/09/2021	ND	2.15	108	2.00	1.90		
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.32	116	2.00	2.15		
Total Xylenes*	<0.150	0.150	02/09/2021	ND	6.71	112	6.00	2.78		
Total BTEx	<0.300	0.300	02/09/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	02/10/2021	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	02/09/2021	ND	215	108	200	1.46	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	232	116	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 75.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 75.5 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/03/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 117 (H210309-37)**

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	02/09/2021	ND	2.12	106	2.00	1.87		
Toluene*	<0.050	0.050	02/09/2021	ND	2.15	108	2.00	1.90		
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.32	116	2.00	2.15		
Total Xylenes*	<0.150	0.150	02/09/2021	ND	6.71	112	6.00	2.78		
Total BTX	<0.300	0.300	02/09/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	02/10/2021	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	02/09/2021	ND	215	108	200	1.46	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	232	116	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 73.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 71.8 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/03/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 118 (H210309-38)**

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	02/09/2021	ND	2.12	106	2.00	1.87		
Toluene*	<0.050	0.050	02/09/2021	ND	2.15	108	2.00	1.90		
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.32	116	2.00	2.15		
Total Xylenes*	<0.150	0.150	02/09/2021	ND	6.71	112	6.00	2.78		
Total BTEx	<0.300	0.300	02/09/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 73.3-129

Chloride, SM4500CI-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	02/10/2021	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	02/09/2021	ND	215	108	200	1.46	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	232	116	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 70.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 68.2 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/03/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 119 (H210309-39)**

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	02/09/2021	ND	2.12	106	2.00	1.87	
Toluene*	<0.050	0.050	02/09/2021	ND	2.15	108	2.00	1.90	
Ethylbenzene*	<0.050	0.050	02/09/2021	ND	2.32	116	2.00	2.15	
Total Xylenes*	<0.150	0.150	02/09/2021	ND	6.71	112	6.00	2.78	
Total BTX	<0.300	0.300	02/09/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 73.3-129

Chloride, SM4500CI-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	02/10/2021	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	02/09/2021	ND	215	108	200	1.46	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	232	116	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 73.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 71.1 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/03/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 120 (H210309-40)**

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	02/10/2021	ND	2.12	106	2.00	1.87	
Toluene*	<0.050	0.050	02/10/2021	ND	2.15	108	2.00	1.90	
Ethylbenzene*	<0.050	0.050	02/10/2021	ND	2.32	116	2.00	2.15	
Total Xylenes*	<0.150	0.150	02/10/2021	ND	6.71	112	6.00	2.78	
Total BTEx	<0.300	0.300	02/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

Chloride, SM4500CI-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	02/10/2021	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	02/09/2021	ND	215	108	200	1.46	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	232	116	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 74.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 71.7 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/03/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 121 (H210309-41)**

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	02/10/2021	ND	2.12	106	2.00	1.87	
Toluene*	<0.050	0.050	02/10/2021	ND	2.15	108	2.00	1.90	
Ethylbenzene*	<0.050	0.050	02/10/2021	ND	2.32	116	2.00	2.15	
Total Xylenes*	<0.150	0.150	02/10/2021	ND	6.71	112	6.00	2.78	
Total BTX	<0.300	0.300	02/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.3-129

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	02/10/2021	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	02/09/2021	ND	215	108	200	1.46	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	232	116	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 71.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 68.7 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/03/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 122 (H210309-42)**

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	02/10/2021	ND	2.12	106	2.00	1.87	
Toluene*	<0.050	0.050	02/10/2021	ND	2.15	108	2.00	1.90	
Ethylbenzene*	<0.050	0.050	02/10/2021	ND	2.32	116	2.00	2.15	
Total Xylenes*	<0.150	0.150	02/10/2021	ND	6.71	112	6.00	2.78	
Total BTX	<0.300	0.300	02/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	02/10/2021	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	02/09/2021	ND	215	108	200	1.46	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	232	116	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 72.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 68.9 % 42.2-156

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\*=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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/03/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 123 (H210309-43)**

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	02/10/2021	ND	2.12	106	2.00	1.87	
Toluene*	<0.050	0.050	02/10/2021	ND	2.15	108	2.00	1.90	
Ethylbenzene*	<0.050	0.050	02/10/2021	ND	2.32	116	2.00	2.15	
Total Xylenes*	<0.150	0.150	02/10/2021	ND	6.71	112	6.00	2.78	
Total BTX	<0.300	0.300	02/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

Chloride, SM4500CI-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	02/10/2021	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	02/09/2021	ND	215	108	200	1.46	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	232	116	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 67.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 64.5 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/03/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 124 (H210309-44)**

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	02/10/2021	ND	2.12	106	2.00	1.87	
Toluene*	<0.050	0.050	02/10/2021	ND	2.15	108	2.00	1.90	
Ethylbenzene*	<0.050	0.050	02/10/2021	ND	2.32	116	2.00	2.15	
Total Xylenes*	<0.150	0.150	02/10/2021	ND	6.71	112	6.00	2.78	
Total BTX	<0.300	0.300	02/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	02/10/2021	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	02/09/2021	ND	215	108	200	1.46	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	232	116	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 76.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 74.0 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/03/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 125 (H210309-45)**

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	02/10/2021	ND	2.12	106	2.00	1.87	
Toluene*	<0.050	0.050	02/10/2021	ND	2.15	108	2.00	1.90	
Ethylbenzene*	<0.050	0.050	02/10/2021	ND	2.32	116	2.00	2.15	
Total Xylenes*	<0.150	0.150	02/10/2021	ND	6.71	112	6.00	2.78	
Total BTX	<0.300	0.300	02/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	02/10/2021	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	02/10/2021	ND	215	108	200	1.46	
DRO >C10-C28*	<10.0	10.0	02/10/2021	ND	232	116	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	02/10/2021	ND					

Surrogate: 1-Chlorooctane 72.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 69.3 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/03/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 126 (H210309-46)**

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	02/10/2021	ND	2.12	106	2.00	1.87	
Toluene*	<0.050	0.050	02/10/2021	ND	2.15	108	2.00	1.90	
Ethylbenzene*	<0.050	0.050	02/10/2021	ND	2.32	116	2.00	2.15	
Total Xylenes*	<0.150	0.150	02/10/2021	ND	6.71	112	6.00	2.78	
Total BTX	<0.300	0.300	02/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	02/10/2021	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	02/10/2021	ND	215	108	200	1.46	
DRO >C10-C28*	<10.0	10.0	02/10/2021	ND	232	116	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	02/10/2021	ND					

Surrogate: 1-Chlorooctane 71.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 67.8 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/03/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 127 (H210309-47)**

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	02/10/2021	ND	2.12	106	2.00	1.87	
Toluene*	<0.050	0.050	02/10/2021	ND	2.15	108	2.00	1.90	
Ethylbenzene*	<0.050	0.050	02/10/2021	ND	2.32	116	2.00	2.15	
Total Xylenes*	<0.150	0.150	02/10/2021	ND	6.71	112	6.00	2.78	
Total BTX	<0.300	0.300	02/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	02/10/2021	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	02/10/2021	ND	215	108	200	1.46	
DRO >C10-C28*	<10.0	10.0	02/10/2021	ND	232	116	200	1.09	
EXT DRO >C28-C36	<10.0	10.0	02/10/2021	ND					

Surrogate: 1-Chlorooctane 74.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 70.6 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/03/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 128 (H210309-48)**

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	02/10/2021	ND	2.12	106	2.00	1.87	
Toluene*	<0.050	0.050	02/10/2021	ND	2.15	108	2.00	1.90	
Ethylbenzene*	<0.050	0.050	02/10/2021	ND	2.32	116	2.00	2.15	
Total Xylenes*	<0.150	0.150	02/10/2021	ND	6.71	112	6.00	2.78	
Total BTX	<0.300	0.300	02/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	02/10/2021	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	02/10/2021	ND	213	106	200	0.435	
DRO >C10-C28*	<10.0	10.0	02/10/2021	ND	209	105	200	5.31	
EXT DRO >C28-C36	<10.0	10.0	02/10/2021	ND					

Surrogate: 1-Chlorooctane 71.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 71.7 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/03/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 129 (H210309-49)**

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	02/10/2021	ND	2.12	106	2.00	1.87	
Toluene*	<0.050	0.050	02/10/2021	ND	2.15	108	2.00	1.90	
Ethylbenzene*	<0.050	0.050	02/10/2021	ND	2.32	116	2.00	2.15	
Total Xylenes*	<0.150	0.150	02/10/2021	ND	6.71	112	6.00	2.78	
Total BTX	<0.300	0.300	02/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 73.3-129

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	02/10/2021	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	02/10/2021	ND	213	106	200	0.435	
DRO >C10-C28*	<10.0	10.0	02/10/2021	ND	209	105	200	5.31	
EXT DRO >C28-C36	<10.0	10.0	02/10/2021	ND					

Surrogate: 1-Chlorooctane 71.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 71.3 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/03/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 130 (H210309-50)**

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	02/10/2021	ND	2.12	106	2.00	1.87	
Toluene*	<0.050	0.050	02/10/2021	ND	2.15	108	2.00	1.90	
Ethylbenzene*	<0.050	0.050	02/10/2021	ND	2.32	116	2.00	2.15	
Total Xylenes*	<0.150	0.150	02/10/2021	ND	6.71	112	6.00	2.78	
Total BTX	<0.300	0.300	02/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	02/10/2021	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	02/10/2021	ND	213	106	200	0.435	
DRO >C10-C28*	<10.0	10.0	02/10/2021	ND	209	105	200	5.31	
EXT DRO >C28-C36	<10.0	10.0	02/10/2021	ND					

Surrogate: 1-Chlorooctane 70.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 69.3 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/03/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 131 (H210309-51)**

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	02/10/2021	ND	2.12	106	2.00	1.87	
Toluene*	<0.050	0.050	02/10/2021	ND	2.15	108	2.00	1.90	
Ethylbenzene*	<0.050	0.050	02/10/2021	ND	2.32	116	2.00	2.15	
Total Xylenes*	<0.150	0.150	02/10/2021	ND	6.71	112	6.00	2.78	
Total BTX	<0.300	0.300	02/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 73.3-129

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	02/10/2021	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	02/09/2021	ND	226	113	200	2.27	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	225	112	200	3.34	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 78.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 73.0 % 42.2-156

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\*=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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/03/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW 1 (H210309-52)**

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	02/10/2021	ND	2.12	106	2.00	1.87	
Toluene*	<0.050	0.050	02/10/2021	ND	2.15	108	2.00	1.90	
Ethylbenzene*	<0.050	0.050	02/10/2021	ND	2.32	116	2.00	2.15	
Total Xylenes*	<0.150	0.150	02/10/2021	ND	6.71	112	6.00	2.78	
Total BTX	<0.300	0.300	02/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	02/10/2021	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	02/09/2021	ND	226	113	200	2.27	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	225	112	200	3.34	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 79.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 74.1 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/03/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW 2 (H210309-53)**

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	02/10/2021	ND	2.12	106	2.00	1.87	
Toluene*	<0.050	0.050	02/10/2021	ND	2.15	108	2.00	1.90	
Ethylbenzene*	<0.050	0.050	02/10/2021	ND	2.32	116	2.00	2.15	
Total Xylenes*	<0.150	0.150	02/10/2021	ND	6.71	112	6.00	2.78	
Total BTX	<0.300	0.300	02/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	02/10/2021	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	02/09/2021	ND	226	113	200	2.27	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	225	112	200	3.34	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 80.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 75.6 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/03/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW 3 (H210309-54)**

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	02/10/2021	ND	2.12	106	2.00	1.87	
Toluene*	<0.050	0.050	02/10/2021	ND	2.15	108	2.00	1.90	
Ethylbenzene*	<0.050	0.050	02/10/2021	ND	2.32	116	2.00	2.15	
Total Xylenes*	<0.150	0.150	02/10/2021	ND	6.71	112	6.00	2.78	
Total BTEx	<0.300	0.300	02/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	02/10/2021	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	02/09/2021	ND	226	113	200	2.27	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	225	112	200	3.34	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 77.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 70.6 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/03/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW 4 (H210309-55)**

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	02/10/2021	ND	2.14	107	2.00	1.10		
Toluene*	<0.050	0.050	02/10/2021	ND	2.19	110	2.00	0.790		
Ethylbenzene*	<0.050	0.050	02/10/2021	ND	2.36	118	2.00	1.14		
Total Xylenes*	<0.150	0.150	02/10/2021	ND	6.80	113	6.00	1.40		
Total BTEx	<0.300	0.300	02/10/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 73.3-129

Chloride, SM4500Cl-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	02/10/2021	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	02/09/2021	ND	226	113	200	2.27	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	225	112	200	3.34	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 69.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 63.0 % 42.2-156

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

Received: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/04/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW 5 (H210309-56)**

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	02/10/2021	ND	2.14	107	2.00	1.10	
Toluene*	<0.050	0.050	02/10/2021	ND	2.19	110	2.00	0.790	
Ethylbenzene*	<0.050	0.050	02/10/2021	ND	2.36	118	2.00	1.14	
Total Xylenes*	<0.150	0.150	02/10/2021	ND	6.80	113	6.00	1.40	
Total BTX	<0.300	0.300	02/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	02/10/2021	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	02/09/2021	ND	226	113	200	2.27	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	225	112	200	3.34	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 75.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 70.8 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/04/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW 6 (H210309-57)**

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	02/10/2021	ND	2.14	107	2.00	1.10	
Toluene*	<0.050	0.050	02/10/2021	ND	2.19	110	2.00	0.790	
Ethylbenzene*	<0.050	0.050	02/10/2021	ND	2.36	118	2.00	1.14	
Total Xylenes*	<0.150	0.150	02/10/2021	ND	6.80	113	6.00	1.40	
Total BTEx	<0.300	0.300	02/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	02/10/2021	ND	400	100	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	02/09/2021	ND	226	113	200	2.27	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	225	112	200	3.34	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 78.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 72.3 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/04/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW 7 (H210309-58)**

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	02/10/2021	ND	2.14	107	2.00	1.10	
Toluene*	<0.050	0.050	02/10/2021	ND	2.19	110	2.00	0.790	
Ethylbenzene*	<0.050	0.050	02/10/2021	ND	2.36	118	2.00	1.14	
Total Xylenes*	<0.150	0.150	02/10/2021	ND	6.80	113	6.00	1.40	
Total BTEX	<0.300	0.300	02/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	02/10/2021	ND	400	100	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	02/09/2021	ND	226	113	200	2.27	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	225	112	200	3.34	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 77.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 72.7 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/04/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW 8 (H210309-59)**

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	02/10/2021	ND	2.14	107	2.00	1.10	
Toluene*	<0.050	0.050	02/10/2021	ND	2.19	110	2.00	0.790	
Ethylbenzene*	<0.050	0.050	02/10/2021	ND	2.36	118	2.00	1.14	
Total Xylenes*	<0.150	0.150	02/10/2021	ND	6.80	113	6.00	1.40	
Total BTEx	<0.300	0.300	02/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 73.3-129

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	02/10/2021	ND	400	100	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	02/09/2021	ND	226	113	200	2.27	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	225	112	200	3.34	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 78.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 73.8 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/04/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW 9 (H210309-60)**

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	02/10/2021	ND	2.14	107	2.00	1.10	
Toluene*	<0.050	0.050	02/10/2021	ND	2.19	110	2.00	0.790	
Ethylbenzene*	<0.050	0.050	02/10/2021	ND	2.36	118	2.00	1.14	
Total Xylenes*	<0.150	0.150	02/10/2021	ND	6.80	113	6.00	1.40	
Total BTX	<0.300	0.300	02/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	02/10/2021	ND	400	100	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	02/09/2021	ND	226	113	200	2.27	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	225	112	200	3.34	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 79.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 75.6 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/04/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW 10 (H210309-61)**

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	02/10/2021	ND	2.14	107	2.00	1.10	
Toluene*	<0.050	0.050	02/10/2021	ND	2.19	110	2.00	0.790	
Ethylbenzene*	<0.050	0.050	02/10/2021	ND	2.36	118	2.00	1.14	
Total Xylenes*	<0.150	0.150	02/10/2021	ND	6.80	113	6.00	1.40	
Total BTX	<0.300	0.300	02/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	02/10/2021	ND	400	100	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	02/09/2021	ND	226	113	200	2.27	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	225	112	200	3.34	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 76.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 72.5 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/04/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW 11 (H210309-62)**

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	02/10/2021	ND	2.14	107	2.00	1.10	
Toluene*	<0.050	0.050	02/10/2021	ND	2.19	110	2.00	0.790	
Ethylbenzene*	<0.050	0.050	02/10/2021	ND	2.36	118	2.00	1.14	
Total Xylenes*	<0.150	0.150	02/10/2021	ND	6.80	113	6.00	1.40	
Total BTX	<0.300	0.300	02/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

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	02/10/2021	ND	400	100	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	02/09/2021	ND	226	113	200	2.27	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	225	112	200	3.34	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 73.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 67.9 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/04/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW 12 (H210309-63)**

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	02/10/2021	ND	2.14	107	2.00	1.10		
Toluene*	<0.050	0.050	02/10/2021	ND	2.19	110	2.00	0.790		
Ethylbenzene*	<0.050	0.050	02/10/2021	ND	2.36	118	2.00	1.14		
Total Xylenes*	<0.150	0.150	02/10/2021	ND	6.80	113	6.00	1.40		
Total BTEX	<0.300	0.300	02/10/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 73.3-129

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	02/10/2021	ND	400	100	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	02/09/2021	ND	226	113	200	2.27	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	225	112	200	3.34	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 74.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 66.8 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/04/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW 13 (H210309-64)**

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	02/10/2021	ND	2.14	107	2.00	1.10	
Toluene*	<0.050	0.050	02/10/2021	ND	2.19	110	2.00	0.790	
Ethylbenzene*	<0.050	0.050	02/10/2021	ND	2.36	118	2.00	1.14	
Total Xylenes*	<0.150	0.150	02/10/2021	ND	6.80	113	6.00	1.40	
Total BTEX	<0.300	0.300	02/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	02/10/2021	ND	400	100	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	02/09/2021	ND	226	113	200	2.27	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	225	112	200	3.34	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 75.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 69.7 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/04/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW 14 (H210309-65)**

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	02/10/2021	ND	2.14	107	2.00	1.10	
Toluene*	<0.050	0.050	02/10/2021	ND	2.19	110	2.00	0.790	
Ethylbenzene*	<0.050	0.050	02/10/2021	ND	2.36	118	2.00	1.14	
Total Xylenes*	<0.150	0.150	02/10/2021	ND	6.80	113	6.00	1.40	
Total BTX	<0.300	0.300	02/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	02/10/2021	ND	400	100	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	02/09/2021	ND	226	113	200	2.27	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	225	112	200	3.34	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 85.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 78.7 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/04/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW 15 (H210309-66)**

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	02/10/2021	ND	2.14	107	2.00	1.10	
Toluene*	<0.050	0.050	02/10/2021	ND	2.19	110	2.00	0.790	
Ethylbenzene*	<0.050	0.050	02/10/2021	ND	2.36	118	2.00	1.14	
Total Xylenes*	<0.150	0.150	02/10/2021	ND	6.80	113	6.00	1.40	
Total BTX	<0.300	0.300	02/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.3-129

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	02/10/2021	ND	400	100	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	02/09/2021	ND	226	113	200	2.27	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	225	112	200	3.34	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 72.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 67.4 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/04/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW 16 (H210309-67)**

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	02/10/2021	ND	2.14	107	2.00	1.10	
Toluene*	<0.050	0.050	02/10/2021	ND	2.19	110	2.00	0.790	
Ethylbenzene*	<0.050	0.050	02/10/2021	ND	2.36	118	2.00	1.14	
Total Xylenes*	<0.150	0.150	02/10/2021	ND	6.80	113	6.00	1.40	
Total BTX	<0.300	0.300	02/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.3-129

Chloride, SM4500CI-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	02/10/2021	ND	400	100	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	02/09/2021	ND	226	113	200	2.27	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	225	112	200	3.34	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 72.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 64.2 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/04/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW 17 (H210309-68)**

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	02/10/2021	ND	2.14	107	2.00	1.10	
Toluene*	<0.050	0.050	02/10/2021	ND	2.19	110	2.00	0.790	
Ethylbenzene*	<0.050	0.050	02/10/2021	ND	2.36	118	2.00	1.14	
Total Xylenes*	<0.150	0.150	02/10/2021	ND	6.80	113	6.00	1.40	
Total BTX	<0.300	0.300	02/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 73.3-129

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	02/10/2021	ND	400	100	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	02/09/2021	ND	226	113	200	2.27	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	225	112	200	3.34	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 71.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 63.9 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/04/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW 18 (H210309-69)**

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	02/10/2021	ND	2.14	107	2.00	1.10	
Toluene*	<0.050	0.050	02/10/2021	ND	2.19	110	2.00	0.790	
Ethylbenzene*	<0.050	0.050	02/10/2021	ND	2.36	118	2.00	1.14	
Total Xylenes*	<0.150	0.150	02/10/2021	ND	6.80	113	6.00	1.40	
Total BTX	<0.300	0.300	02/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

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	02/10/2021	ND	400	100	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	02/09/2021	ND	226	113	200	2.27	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	225	112	200	3.34	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 73.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 69.3 % 42.2-156

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\*=Accredited Analyte

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/04/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW 19 (H210309-70)**

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	02/10/2021	ND	2.14	107	2.00	1.10	
Toluene*	<0.050	0.050	02/10/2021	ND	2.19	110	2.00	0.790	
Ethylbenzene*	<0.050	0.050	02/10/2021	ND	2.36	118	2.00	1.14	
Total Xylenes*	<0.150	0.150	02/10/2021	ND	6.80	113	6.00	1.40	
Total BTEX	<0.300	0.300	02/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 73.3-129

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	02/10/2021	ND	400	100	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	02/09/2021	ND	226	113	200	2.27	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	225	112	200	3.34	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 71.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 66.4 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/04/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW 20 (H210309-71)**

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	02/10/2021	ND	2.14	107	2.00	1.10	
Toluene*	<0.050	0.050	02/10/2021	ND	2.19	110	2.00	0.790	
Ethylbenzene*	<0.050	0.050	02/10/2021	ND	2.36	118	2.00	1.14	
Total Xylenes*	<0.150	0.150	02/10/2021	ND	6.80	113	6.00	1.40	
Total BTX	<0.300	0.300	02/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 73.3-129

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	02/10/2021	ND	400	100	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	02/09/2021	ND	242	121	200	4.11	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	233	117	200	4.28	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 99.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 94.0 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/04/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW 21 (H210309-72)**

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	02/10/2021	ND	2.14	107	2.00	1.10		
Toluene*	<0.050	0.050	02/10/2021	ND	2.19	110	2.00	0.790		
Ethylbenzene*	<0.050	0.050	02/10/2021	ND	2.36	118	2.00	1.14		
Total Xylenes*	<0.150	0.150	02/10/2021	ND	6.80	113	6.00	1.40		
Total BTX	<0.300	0.300	02/10/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/10/2021	ND	400	100	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	02/09/2021	ND	242	121	200	4.11	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	233	117	200	4.28	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 91.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 87.2 % 42.2-156

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**Analytical Results For:**

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

Received: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/04/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW 22 (H210309-73)**

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	02/10/2021	ND	2.14	107	2.00	1.10		
Toluene*	<0.050	0.050	02/10/2021	ND	2.19	110	2.00	0.790		
Ethylbenzene*	<0.050	0.050	02/10/2021	ND	2.36	118	2.00	1.14		
Total Xylenes*	<0.150	0.150	02/10/2021	ND	6.80	113	6.00	1.40		
Total BTEX	<0.300	0.300	02/10/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

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	02/10/2021	ND	400	100	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	02/09/2021	ND	242	121	200	4.11	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	233	117	200	4.28	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 96.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 90.8 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/04/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW 23 (H210309-74)**

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	02/10/2021	ND	2.14	107	2.00	1.10	
Toluene*	<0.050	0.050	02/10/2021	ND	2.19	110	2.00	0.790	
Ethylbenzene*	<0.050	0.050	02/10/2021	ND	2.36	118	2.00	1.14	
Total Xylenes*	<0.150	0.150	02/10/2021	ND	6.80	113	6.00	1.40	
Total BTX	<0.300	0.300	02/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	02/10/2021	ND	400	100	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	02/09/2021	ND	242	121	200	4.11	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	233	117	200	4.28	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 92.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 86.6 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/04/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW 24 (H210309-75)**

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	02/10/2021	ND	2.17	109	2.00	2.23	
Toluene*	<0.050	0.050	02/10/2021	ND	2.14	107	2.00	2.60	
Ethylbenzene*	<0.050	0.050	02/10/2021	ND	2.09	105	2.00	2.58	
Total Xylenes*	<0.150	0.150	02/10/2021	ND	6.12	102	6.00	2.13	
Total BTEx	<0.300	0.300	02/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/10/2021	ND	400	100	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	02/09/2021	ND	242	121	200	4.11	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	233	117	200	4.28	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 91.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 85.4 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/04/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW 25 (H210309-76)**

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	02/10/2021	ND	2.17	109	2.00	2.23	
Toluene*	<0.050	0.050	02/10/2021	ND	2.14	107	2.00	2.60	
Ethylbenzene*	<0.050	0.050	02/10/2021	ND	2.09	105	2.00	2.58	
Total Xylenes*	<0.150	0.150	02/10/2021	ND	6.12	102	6.00	2.13	
Total BTX	<0.300	0.300	02/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

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	02/10/2021	ND	400	100	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	02/09/2021	ND	242	121	200	4.11	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	233	117	200	4.28	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 87.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 81.9 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/04/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW 26 (H210309-77)**

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	02/10/2021	ND	2.17	109	2.00	2.23		
Toluene*	<0.050	0.050	02/10/2021	ND	2.14	107	2.00	2.60		
Ethylbenzene*	<0.050	0.050	02/10/2021	ND	2.09	105	2.00	2.58		
Total Xylenes*	<0.150	0.150	02/10/2021	ND	6.12	102	6.00	2.13		
Total BTEx	<0.300	0.300	02/10/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	02/10/2021	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	02/09/2021	ND	242	121	200	4.11	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	233	117	200	4.28	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 75.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 70.0 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/04/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW 27 (H210309-78)**

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	02/10/2021	ND	2.17	109	2.00	2.23	
Toluene*	<0.050	0.050	02/10/2021	ND	2.14	107	2.00	2.60	
Ethylbenzene*	<0.050	0.050	02/10/2021	ND	2.09	105	2.00	2.58	
Total Xylenes*	<0.150	0.150	02/10/2021	ND	6.12	102	6.00	2.13	
Total BTX	<0.300	0.300	02/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/10/2021	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	02/09/2021	ND	242	121	200	4.11	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	233	117	200	4.28	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 88.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 83.2 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/04/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW 28 (H210309-79)**

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	02/10/2021	ND	2.17	109	2.00	2.23		
Toluene*	<0.050	0.050	02/10/2021	ND	2.14	107	2.00	2.60		
Ethylbenzene*	<0.050	0.050	02/10/2021	ND	2.09	105	2.00	2.58		
Total Xylenes*	<0.150	0.150	02/10/2021	ND	6.12	102	6.00	2.13		
Total BTEX	<0.300	0.300	02/10/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500CI-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	02/10/2021	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	02/09/2021	ND	242	121	200	4.11	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	233	117	200	4.28	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 68.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 63.9 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/04/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW 29 (H210309-80)**

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	02/10/2021	ND	2.17	109	2.00	2.23		
Toluene*	<0.050	0.050	02/10/2021	ND	2.14	107	2.00	2.60		
Ethylbenzene*	<0.050	0.050	02/10/2021	ND	2.09	105	2.00	2.58		
Total Xylenes*	<0.150	0.150	02/10/2021	ND	6.12	102	6.00	2.13		
Total BTEX	<0.300	0.300	02/10/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

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	02/10/2021	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	02/09/2021	ND	242	121	200	4.11	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	233	117	200	4.28	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 81.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 77.1 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/04/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW 30 (H210309-81)**

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	02/10/2021	ND	2.17	109	2.00	2.23		
Toluene*	<0.050	0.050	02/10/2021	ND	2.14	107	2.00	2.60		
Ethylbenzene*	<0.050	0.050	02/10/2021	ND	2.09	105	2.00	2.58		
Total Xylenes*	<0.150	0.150	02/10/2021	ND	6.12	102	6.00	2.13		
Total BTEx	<0.300	0.300	02/10/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/10/2021	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	02/09/2021	ND	242	121	200	4.11	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	233	117	200	4.28	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 92.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 87.4 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/04/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW 31 (H210309-82)**

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	02/10/2021	ND	2.17	109	2.00	2.23	
Toluene*	<0.050	0.050	02/10/2021	ND	2.14	107	2.00	2.60	
Ethylbenzene*	<0.050	0.050	02/10/2021	ND	2.09	105	2.00	2.58	
Total Xylenes*	<0.150	0.150	02/10/2021	ND	6.12	102	6.00	2.13	
Total BTEx	<0.300	0.300	02/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/10/2021	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	02/09/2021	ND	242	121	200	4.11	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	233	117	200	4.28	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 93.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 87.9 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/04/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW 32 (H210309-83)**

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	02/10/2021	ND	2.17	109	2.00	2.23	
Toluene*	<0.050	0.050	02/10/2021	ND	2.14	107	2.00	2.60	
Ethylbenzene*	<0.050	0.050	02/10/2021	ND	2.09	105	2.00	2.58	
Total Xylenes*	<0.150	0.150	02/10/2021	ND	6.12	102	6.00	2.13	
Total BTX	<0.300	0.300	02/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

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	02/10/2021	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	02/09/2021	ND	242	121	200	4.11	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	233	117	200	4.28	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 94.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 88.3 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/04/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW 33 (H210309-84)**

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	02/10/2021	ND	2.17	109	2.00	2.23	
Toluene*	<0.050	0.050	02/10/2021	ND	2.14	107	2.00	2.60	
Ethylbenzene*	<0.050	0.050	02/10/2021	ND	2.09	105	2.00	2.58	
Total Xylenes*	<0.150	0.150	02/10/2021	ND	6.12	102	6.00	2.13	
Total BTEx	<0.300	0.300	02/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/10/2021	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	02/09/2021	ND	242	121	200	4.11	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	233	117	200	4.28	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 90.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 84.6 % 42.2-156

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**Analytical Results For:**

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

Received: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/04/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW 34 (H210309-85)**

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	02/10/2021	ND	2.17	109	2.00	2.23	
Toluene*	<0.050	0.050	02/10/2021	ND	2.14	107	2.00	2.60	
Ethylbenzene*	<0.050	0.050	02/10/2021	ND	2.09	105	2.00	2.58	
Total Xylenes*	<0.150	0.150	02/10/2021	ND	6.12	102	6.00	2.13	
Total BTX	<0.300	0.300	02/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/10/2021	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	02/10/2021	ND	213	106	200	0.435	
DRO >C10-C28*	<10.0	10.0	02/10/2021	ND	209	105	200	5.31	
EXT DRO >C28-C36	<10.0	10.0	02/10/2021	ND					

Surrogate: 1-Chlorooctane 73.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 74.1 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/04/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW 35 (H210309-86)**

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	02/10/2021	ND	2.17	109	2.00	2.23	
Toluene*	<0.050	0.050	02/10/2021	ND	2.14	107	2.00	2.60	
Ethylbenzene*	<0.050	0.050	02/10/2021	ND	2.09	105	2.00	2.58	
Total Xylenes*	<0.150	0.150	02/10/2021	ND	6.12	102	6.00	2.13	
Total BTX	<0.300	0.300	02/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

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	02/10/2021	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	02/10/2021	ND	213	106	200	0.435	
DRO >C10-C28*	<10.0	10.0	02/10/2021	ND	209	105	200	5.31	
EXT DRO >C28-C36	<10.0	10.0	02/10/2021	ND					

Surrogate: 1-Chlorooctane 68.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 67.8 % 42.2-156

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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: 02/08/2021  
 Reported: 02/11/2021  
 Project Name: STATE DW #0006  
 Project Number: ( 6-4-19 )  
 Project Location: OXY - LEA COUNTY NM

Sampling Date: 02/04/2021  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW 36 (H210309-87)**

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	02/10/2021	ND	2.17	109	2.00	2.23		
Toluene*	<0.050	0.050	02/10/2021	ND	2.14	107	2.00	2.60		
Ethylbenzene*	<0.050	0.050	02/10/2021	ND	2.09	105	2.00	2.58		
Total Xylenes*	<0.150	0.150	02/10/2021	ND	6.12	102	6.00	2.13		
Total BTEx	<0.300	0.300	02/10/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

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	02/10/2021	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	02/10/2021	ND	213	106	200	0.435	
DRO >C10-C28*	<10.0	10.0	02/10/2021	ND	209	105	200	5.31	
EXT DRO >C28-C36	<10.0	10.0	02/10/2021	ND					

Surrogate: 1-Chlorooctane 70.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 69.3 % 42.2-156

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---

### Notes and Definitions

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

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

---

Celey D. Keene, Lab Director/Quality Manager



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## **CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

Page 90 of 98

Company Name: BBC International, Inc.				<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>																				
Project Manager: Cliff Brunson				P.O. #:																								
Address: P.O. Box 805				Company: OXY																								
City: Hobbs State: NM Zip: 88241				Attn: WADE																								
Phone #: 575-397-6388 Fax #: 575-397-0397				Address:																								
Project #: Project Owner: Oxy				City:																								
Project Name: STATE DW #0006 (6-4-19)				State: Zip:																								
Project Location: LEA COUNTY, NM				Phone #:																								
Sampler Name: Simon Rendon				Fax #:																								
FOR LAB USE ONLY						MATRIX		PRESERV.		SAMPLING																		
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	CL	BTEX	TPH	EXT										
H210309																												
1	BS81	G	I			I					I		2-2-21	3:36 PM	✓	✓	✓											
2	BS82												2-2-21	3:44 PM	✓	✓	✓											
3	BS83												2-2-21	3:51 PM	✓	✓	✓											
4	BS84												2-2-21	3:57 PM	✓	✓	✓											
5	BS85												2-2-21	4:04 PM	✓	✓	✓											
6	BS86												2-2-21	4:09 PM	✓	✓	✓											
7	BS87												2-2-21	4:16 PM	✓	✓	✓											
8	BS88												2-2-21	4:21 PM	✓	✓	✓											
9	BS89												2-2-21	4:27 PM	✓	✓	✓											
10	BS90												2-2-21	4:33 PM	✓	✓	✓											

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Relinquished By:	Date: 2-2-21 Time: 0830	Received By:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No REMARKS:	Add'l Phone #: Add'l Fax #:
Relinquished By:	Date: 2-8-21 Time: 0830	Received By:	 Rush Removed Per J.G. T.O. 2/8/21	
Delivered By: (Circle One) Sampler - UPS - Bus - Other: 1.3i #113	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No	CHECKED BY: (Initials) J.O.		

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## **CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

10 08 17

Page 91 of 98

Company Name: BBC International, Inc.				<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>																		
Project Manager: Cliff Brunson				P.O. #:																						
Address: P.O. Box 805				Company: OXY																						
City: Hobbs State: NM Zip: 88241				Attn: WADE																						
Phone #: 575-397-6388 Fax #: 575-397-0397				Address:																						
Project #: Project Owner: Oxy				City:																						
Project Name: STATE DW #0006 (6-4-19)				State: Zip:																						
Project Location: LEA COUNTY, NM				Phone #:																						
Sampler Name: Simon Rendon				Fax #:																						
FOR LAB USE ONLY				MATRIX		PRESERV.		SAMPLING																		
Lab I.D.	Sample I.D.	(GRAB OR C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	CL	BTEX	TPH	EXT								
H210309																										
11	BS91	G	I			I							2-3-21	8:20 AM	✓	✓	✓									
12	BS92												2-3-21	8:31 AM	✓	✓	✓									
13	BS93												2-3-21	8:39 AM	✓	✓	✓									
14	BS94												2-3-21	8:50 AM	✓	✓	✓									
15	BS95												2-3-21	8:57 AM	✓	✓	✓									
16	BS96												2-3-21	9:07 AM	✓	✓	✓									
17	BS97												2-3-21	9:15 AM	✓	✓	✓									
18	BS98												2-3-21	9:23 AM	✓	✓	✓									
19	BS99												2-3-21	9:31 AM	✓	✓	✓									
20	BS100												2-3-21	9:40 AM	✓	✓	✓									

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Relinquished By:	Date: 2-2	Received By:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
	Time:		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date: 2-8-21	Received By:	REMARKS:	
	Time: 8:30		RVSH	
Delivered By: (Circle One)				
Sampler - UPS - Bus - Other:	1.3c #13	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: (Initials) TJ	

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## **CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

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Page 92 of 98

<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 Owner:</b> Oxy <b>Project Name:</b> STATE DW #0006 (6-4-19) <b>Project Location:</b> LEA COUNTY, NM <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>MATRIX</b> GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:				<b>PRESERV.</b> ACID/BASE: ICE / COOL OTHER:				<b>SAMPLING</b> DATE TIME				CL BTEX TPH EXT											
<b>Lab I.D.</b> H210309		<b>Sample I.D.</b>		(GRAB OR (C)OMP. # CONTAINERS		GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:		ACID/BASE: ICE / COOL OTHER:		DATE TIME		CL BTEX TPH EXT															
21		BS101		G		I		I		2-3-21 9:46 AM		✓															
22		BS102		G		I		I		2-3-21 9:54 AM		✓															
23		BS103		G		I		I		2-3-21 10:03 AM		✓															
24		BS104		G		I		I		2-3-21 10:27 AM		✓															
25		BS105		G		I		I		2-3-21 10:38 AM		✓															
26		BS106		G		I		I		2-3-21 10:47 AM		✓															
27		BS107		G		I		I		2-3-21 11:00 AM		✓															
28		BS108		G		I		I		2-3-21 11:11 AM		✓															
29		BS109		G		I		I		2-3-21 11:20 AM		✓															
30		BS110		G		I		I		2-3-21 11:27 AM		✓															

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<b>Relinquished By:</b> 		<b>Date:</b> 2-8-21 <b>Time:</b> 8:30		<b>Received By:</b> 		<b>Phone Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Add'l Phone #:</b> <b>Fax Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Add'l Fax #:</b> <b>REMARKS:</b> 	
<b>Relinquished By:</b> 		<b>Date:</b> 2-8-21 <b>Time:</b> 8:30		<b>Received By:</b> 		<b>Sample Condition</b> Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No	
<b>Delivered By: (Circle One)</b> Sampler - UPS - Bus - Other:		1.3c #13		<b>CHECKED BY:</b> (Initials) 			

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## CARDINAL LABORATORIES







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### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(505) 393-2326 FAX (505) 393-2476						<b>BILL TO</b>												<b>ANALYSIS REQUEST</b>											
Company Name: BBC International, Inc.						P.O. #:																							
Project Manager: Cliff Brunson						Company: OXY																							
Address: P.O. Box 805						Attn: WADE																							
City: Hobbs State: NM Zip: 88241						Address:																							
Phone #: 575-397-6388 Fax #: 575-397-0397						City:																							
Project #: Project Owner: Oxy						State: Zip:																							
Project Name: STATE DW #0006 (6-4-19)						Phone #:																							
Project Location: LEA COUNTY, NM						Fax #:																							
Sampler Name: Simon Rendon																													
FOR LAB USE ONLY						MATRIX						PRESERV.		SAMPLING															
Lab I.D.	Sample I.D.	(GRAB OR C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	CL	BTEX	TPH EXT												
H210309 41	BS121	G	I			-					-		2-3-21	2:01 PM	✓	✓	✓												
42	BS122												2-3-21	2:12 PM	✓	✓	✓												
43	BS123												2-3-21	2:23 PM	✓	✓	✓												
44	BS124												2-3-21	2:32 PM	✓	✓	✓												
45	BS125												2-3-21	2:41 PM	✓	✓	✓												
46	BS126												2-3-21	2:52 PM	✓	✓	✓												
47	BS127												2-3-21	3:03 PM	✓	✓	✓												
48	BS128												2-3-21	3:15 PM	✓	✓	✓												
49	BS129												2-3-21	3:27 PM	✓	✓	✓												
50	BS130												2-3-21	3:34 PM	✓	✓	✓												

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Relinquished By:		Date:	Received By:	Phone Result:	<input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
		Time:		Fax Result:	<input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By:		Date:	Received By:	REMARKS:		
		Time:				
Delivered By: (Circle One)		Time:	Sample Condition			
Sampler - UPS - Bus - Other:		1.3c #113	Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	CHECKED BY: (Initials) 		

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National Water Information System: Web Interface

USGS Water Resources

Data Category:  
Groundwater

Geographic Area:  
New Mexico

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Groundwater levels for New Mexico

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Search Results -- 1 sites found

Agency code = usgs  
site\_no list =

- 324518103362601

Minimum number of levels = 1  
[Save file of selected sites](#) to local disk for future upload

USGS 324518103362601 18S.33E.12.44211

Lea County, New Mexico  
Latitude 32°45'30", Longitude 103°36'36" NAD27  
Land-surface elevation 4,089.00 feet above NGVD29  
The depth of the well is 205 feet below land surface.  
This well is completed in the Ogallala Formation (121OGLL) local aquifer.

Output formats

<a href="#">Table of data</a>
<a href="#">Tab-separated data</a>
<a href="#">Graph of data</a>
<a href="#">Reselect period</a>

Date	Time	? Water-level date-time accuracy	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Water-level accuracy	? Status	? Method of measurement	? Measuring agency	? Source of measur
1961-03-06			D137.22			2			U	
1966-02-08			D137.15			2	R		U	
1971-02-05			D137.48			2	R		U	
1976-02-17			D137.66			2			U	
1981-02-20			D138.91			2			U	
1986-03-25			D140.14			2			U	
1991-05-15			D141.70			2			U	
1996-02-15			D142.81			2			S	
2001-02-20			D142.79			2			S	
2006-01-24	09:05 MST	m	144.91			2			S	USGS
2010-12-15	11:45 MST	m					O		S	USGS

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level date-time accuracy	m	Date is accurate to the Minute
Water-level accuracy		Not determined



Section	Code	Description
Water-level accuracy	2	Water level accuracy to nearest hundredth of a foot
<a href="#">Status</a>		<a href="#">The reported water-level measurement represents a static level</a>
Status	O	Obstruction was encountered in the well (no water level was recorded).
<a href="#">Status</a>	R	<a href="#">Site had been pumped recently.</a>
Method of measurement	S	Steel-tape measurement.
<a href="#">Method of measurement</a>	U	<a href="#">Unknown method.</a>
Measuring agency		Not determined
<a href="#">Measuring agency</a>	USGS	<a href="#">U.S. Geological Survey</a>
Source of measurement	S	Measured by personnel of reporting agency.
<a href="#">Source of measurement</a>	U	<a href="#">Source is unknown.</a>
Water-level approval status	A	Approved for publication -- Processing and review completed.

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**Title: Groundwater for New Mexico: Water Levels**

**URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>**



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0.46 0.43 nadww01

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**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
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**Santa Fe, NM 87505**

CONDITIONS

Action 22889

**CONDITIONS**

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 22889
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
chensley	None	5/28/2021