

Form C-141

Page 6

State of New Mexico
Oil Conservation Division

Incident ID	nCH1815257339
District RP	
Facility ID	
Application ID	

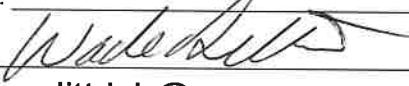
Closure

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

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

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

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

Printed Name: Wade Dittrich Title: Environmental Coordinator
Signature:  Date: 4-18-23
email: wade_dittrich@oxy.com Telephone: (575) 390-2828

OCD Only

Received by: _____ Date: _____

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

Closure Approved by:  Date: 4/19/2023
Printed Name: Brittany Hall Title: Environmental Specialist



PHONE (575) 397-6388 • FAX (575) 397- 0397 • 1324 W. MARLAND • P.O. BOX 805 • HOBBS, NM 88241-0805
E-MAIL: cbrunson@bbcinternational.com

DELINEATION WORKPLAN

OXY – MESA VERDE BS UNIT #8 (Leak Date: 5/18/18)

RP # 1RP-5080

This delineation workplan and remediation proposal addresses the releases associated with RP # 2RP-5080.

The following information includes:

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

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

OXY will excavate the spill area as depicted on the following site diagram. The leak area will not require any remediation. Therefore, OXY requests site approval so a closure request may be sent in.

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

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

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Oil Conservation Division

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Incident ID	
District RP	1RP-5080
Facility ID	
Application ID	

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

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

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

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

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☐ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☐ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

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

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State of New Mexico
Oil Conservation Division

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Incident ID	
District RP	1RP-5080
Facility ID	
Application ID	

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Printed Name: Wade Dittrich Title: Environmental CoordinatorSignature: Date: 6-28-19email: wade_dittrich@oxy.comTelephone: (575) 390-2828**OCD Only**

Received by: _____

Date: _____

Form C-141

State of New Mexico
Oil Conservation Division

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Incident ID	
District RP	1RP-5080
Facility ID	
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Remediation Plan

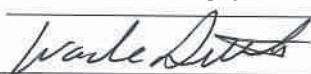
Remediation Plan Checklist: *Each of the following items must be included in the plan.*

- ☐ Detailed description of proposed remediation technique
- ☐ Scaled sitemap with GPS coordinates showing delineation points
- ☐ Estimated volume of material to be remediated
- ☐ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☐ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

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

- ☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ Extents of contamination must be fully delineated.
- ☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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Printed Name: Wade Dittrich Title: Environmental Coordinator
Signature:  Date: 6-28-19
email: wade_dittrich@oxy.com Telephone: (575) 390-2828

OCD Only

Received by: _____ Date: _____


☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved


Signature: _____ Date: _____


Oxy, Mesa Verde BS Unit #8

Leak date: 5/18/18
Lea County, NM
1RP-5080

Legend

 Sample points

 LEAK AREA

 No remediation activities



Oxy, Mesa Verde BS Unit #8

Sample points

SP1, N 32.21177 W-103.71252

SP2, N 32.21176 W-103.71279

SP3, N 32.21174 W-103.71311

SP4, N 32.21182 W-103.71329

SP5, N 32.21165 W-103.71332

SP6, N 32.21159 W-103.71352

SP7, N 32.21156 W-103.71375

SP8, N 32.21161 W-103.71390

SP9, N 32.21166 W-103.71370

SP10, N 32.21176 W-103.71357

SP11, N 32.21194 W-103.71378

SP12, N 32.21205 W-103.71366

SP13, N 32.21190 W-103.71347

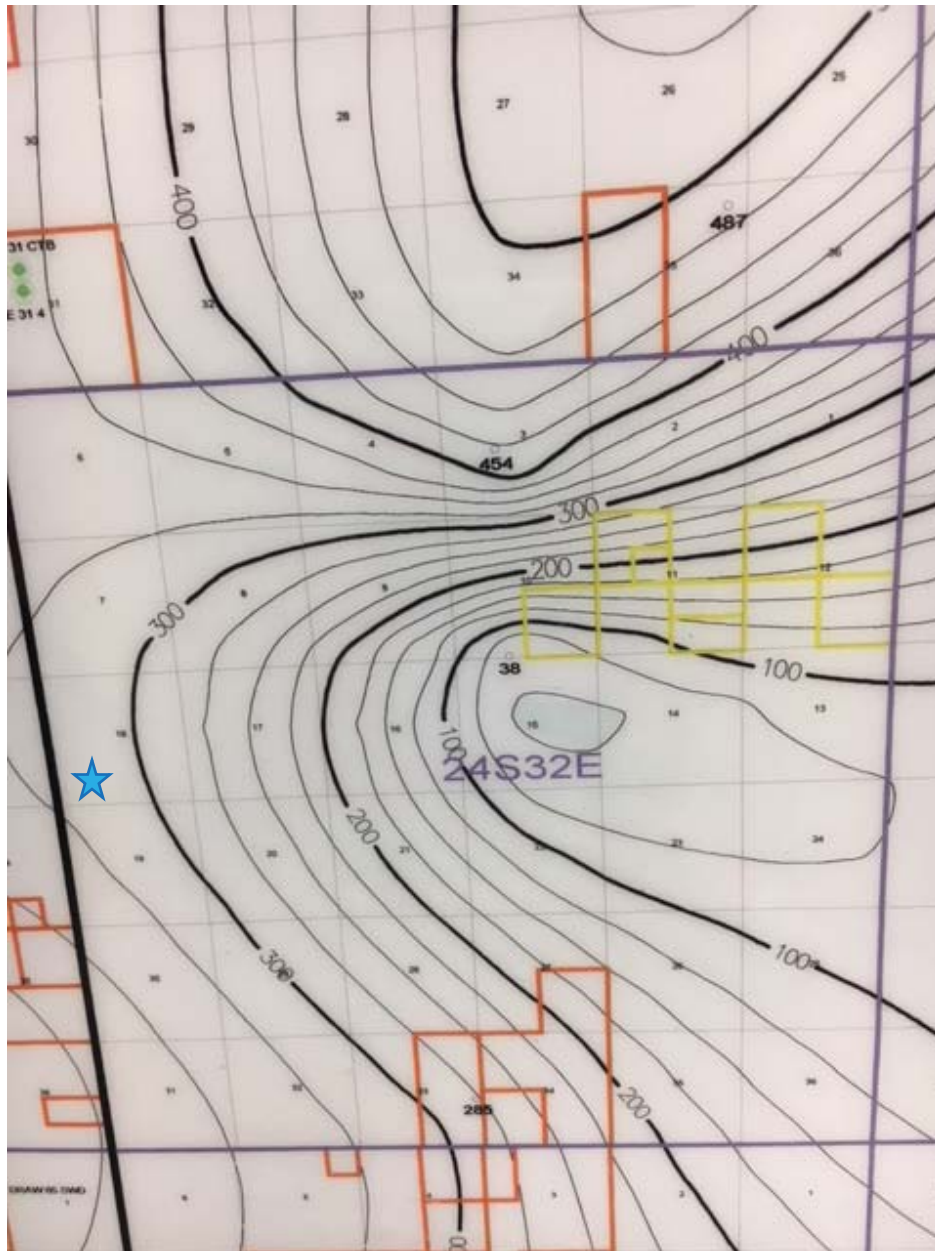
NORTH, N 32.21212 W-103.71384

SOUTH, N 32.21147 W-103.71362

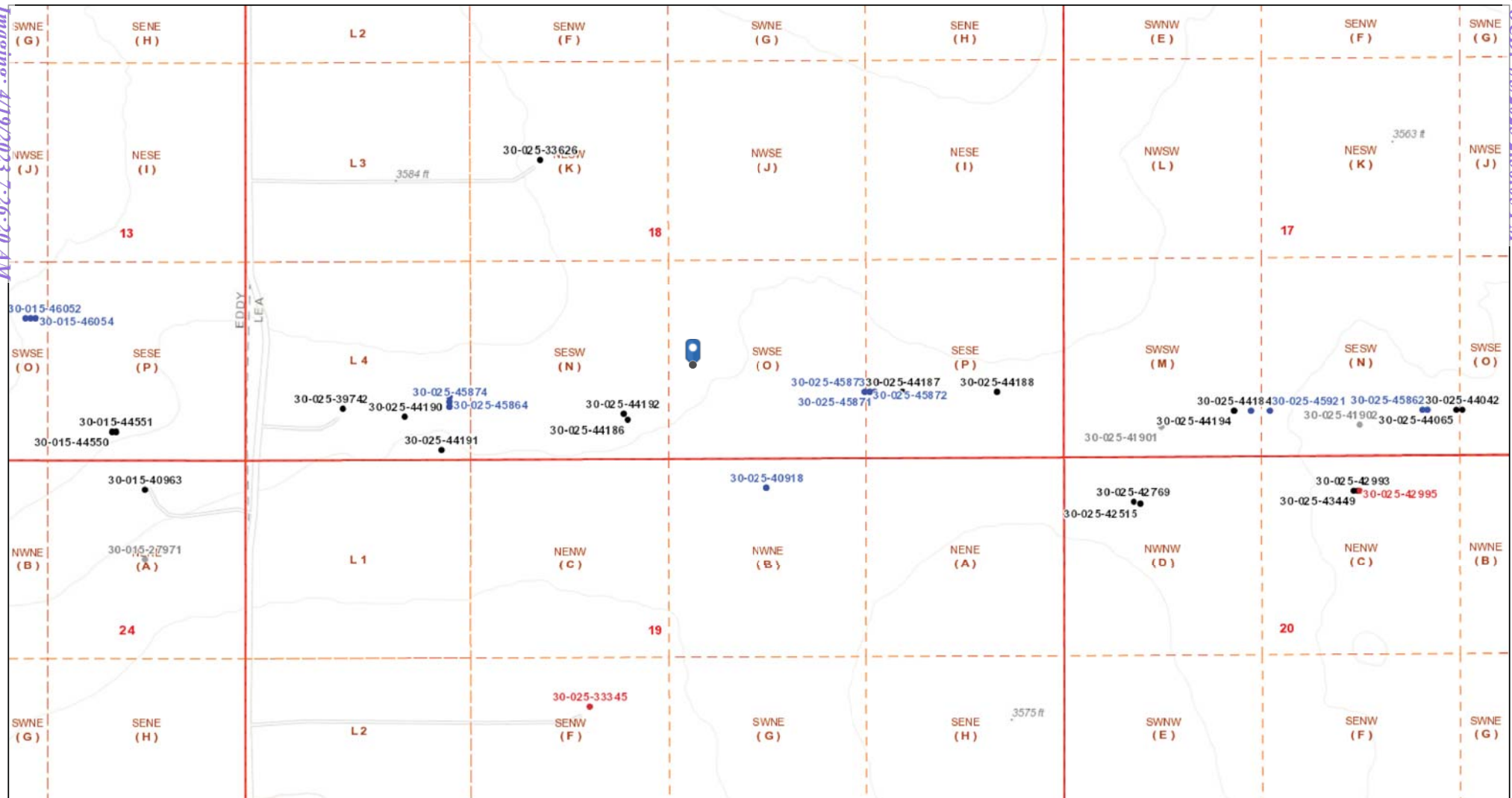
EAST, N 32.21177 W-103.71239

WEST, N 32.21161 W-103.71397

Oxy, Mesa Verde BS Unit #8
U/L M, Section 18, T24S, R32E
Groundwater: 300'



Oxy, Mesa Verde BS Unit #8



6/18/2019 11:43:07 AM

Well Locations - Small Scale

- Active
- New
- Plugged
- Cancelled
- Temporarily Abandoned

Well Locations - Large Scale

- Miscellaneous
- CO2 Active
- CO2 Cancelled
- CO2 New
- CO2 Plugged
- CO2 Temporarily Abandoned

Gas Active

- Gas, Cancelled, Never Drilled
- Gas, New
- Gas, Plugged
- Gas, Temporarily Abandoned
- Injection, Active

Injection, Cancelled

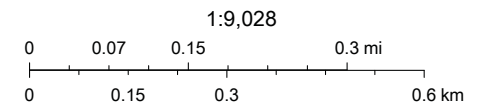
- Injection, New
- Injection, Plugged
- Injection, Temporarily Abandoned
- Oil, Active
- Oil, Cancelled

Oil, New

- Oil, Plugged
- Oil, Temporarily Abandoned
- Salt Water Injection, Active
- Salt Water Injection, Cancelled
- Salt Water Injection, New

Salt Water Injection, Plugged

- Salt Water Injection Temporarily Abandoned
- Water, Active
- Water, Cancelled
- Water, New
- Water, Plugged





Bureau of Land Management, Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, Intermap, USGS, METI/NASA, EPA, USDA, OCD, BLM

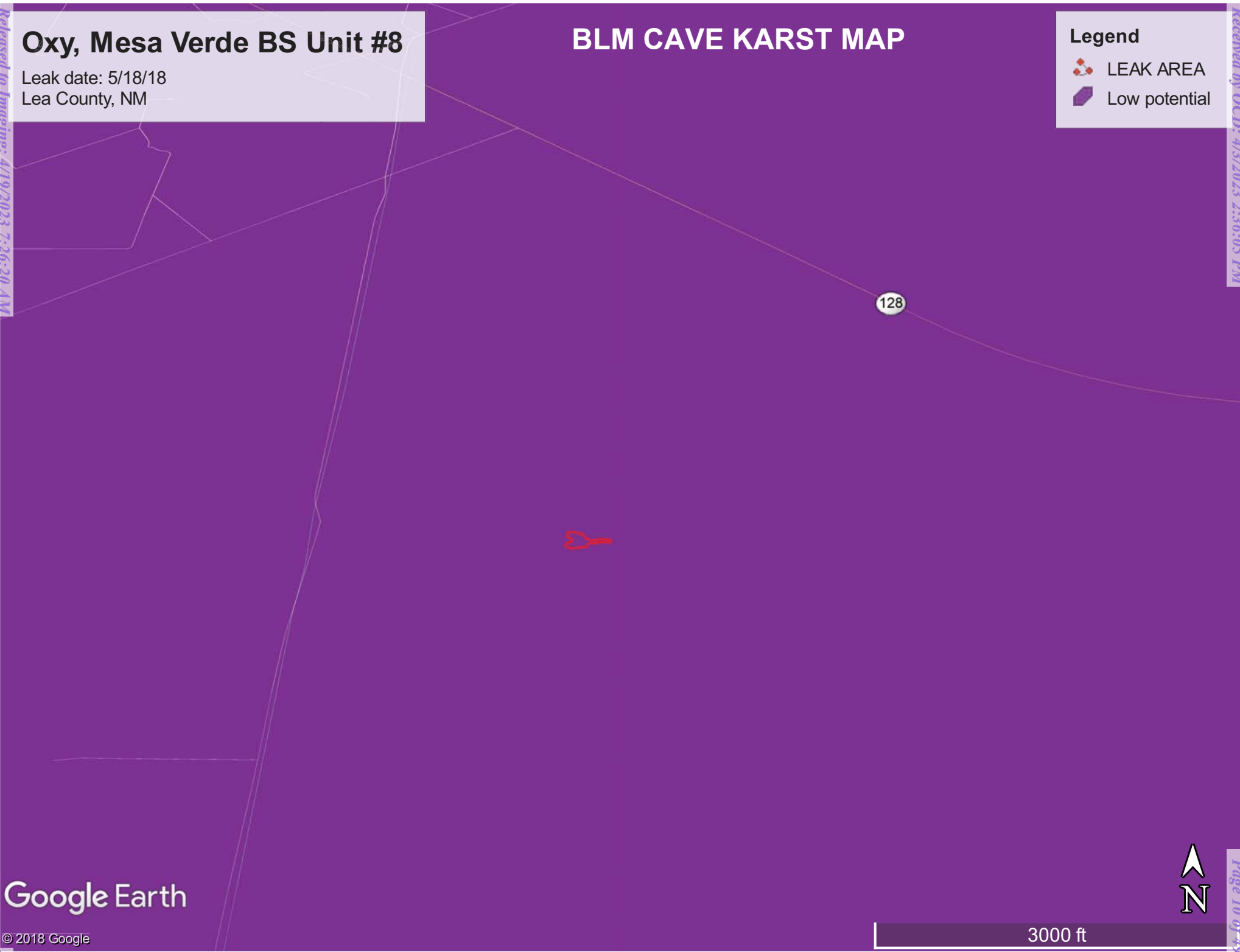
Oxy, Mesa Verde BS Unit #8

Leak date: 5/18/18
Lea County, NM

BLM CAVE KARST MAP

Legend

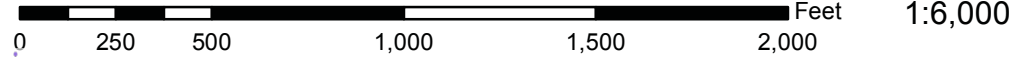
-  LEAK AREA
-  Low potential



National Flood Hazard Layer FIRMette



32°12'57.77"N



32°12'27.33"N

Legend

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

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

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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 6/18/2019 at 1:53:30 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

Released to Imaging: 4/19/2023 7:26:20 AM
WML5 313750P

Received by OCD: 4/18/2023 2:36:05 PM

Laboratory Analytical Results Summary
Mesa Verde BS Unit #8

		Sample ID	SP13 @ SURFACE	SP13 @ 1'
Analyte	Method	Date	6/17/19	6/17/19
			mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	n/a
Toluene	BTEX 8021B		<0.050	n/a
Ethylbenzene	BTEX 8021B		<0.050	n/a
Total Xylenes	BTEX 8021B		<0.150	n/a
Total BTEX	BTEX 8021B		<0.300	n/a
Chloride	SM4500Cl-B		32	32
GRO	TPH 8015M		<10.0	n/a
DRO	TPH 8015M		<10.0	n/a
EXT DRO	TPH 8015M		<10.0	n/a

		Sample ID	NORTH @ SURFACE	EAST @ SURFACE	WEST @ SURFACE	SOUTH @ SURFACE
Analyte	Method	Date	6/14/19	6/14/19	6/14/19	6/14/19
			mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		0.051	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		16	16	16	<16.0
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0



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

June 26, 2019

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: MESA VERDE BS UNIT #8

Enclosed are the results of analyses for samples received by the laboratory on 06/21/19 16:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-18-11. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/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:	06/21/2019	Sampling Date:	06/14/2019
Reported:	06/26/2019	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	(5/18/18)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SP 1 @ SURFACE (H902146-01)

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	06/25/2019	ND	2.07	104	2.00	1.41	
Toluene*	<0.050	0.050	06/25/2019	ND	2.10	105	2.00	0.0690	
Ethylbenzene*	<0.050	0.050	06/25/2019	ND	1.96	98.0	2.00	0.759	
Total Xylenes*	<0.150	0.150	06/25/2019	ND	5.92	98.7	6.00	0.944	
Total BTEX	<0.300	0.300	06/25/2019	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	32.0	16.0	06/24/2019	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	06/24/2019	ND	193	96.7	200	7.95	
DRO >C10-C28*	<10.0	10.0	06/24/2019	ND	196	97.8	200	7.98	
EXT DRO >C28-C36	<10.0	10.0	06/24/2019	ND					

Surrogate: 1-Chlorooctane 92.1 % 41-142

Surrogate: 1-Chlorooctadecane 96.8 % 37.6-147

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: 06/21/2019
 Reported: 06/26/2019
 Project Name: MESA VERDE BS UNIT #8
 Project Number: (5/18/18)
 Project Location: OXY - LEA COUNTY, NM

Sampling Date: 06/14/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 1 @ 1' (H902146-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/24/2019	ND	416	104	400	3.92		

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: 06/21/2019
 Reported: 06/26/2019
 Project Name: MESA VERDE BS UNIT #8
 Project Number: (5/18/18)
 Project Location: OXY - LEA COUNTY, NM

Sampling Date: 06/14/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 2 @ SURFACE (H902146-03)

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	06/25/2019	ND	2.07	104	2.00	1.41		
Toluene*	<0.050	0.050	06/25/2019	ND	2.10	105	2.00	0.0690		
Ethylbenzene*	<0.050	0.050	06/25/2019	ND	1.96	98.0	2.00	0.759		
Total Xylenes*	<0.150	0.150	06/25/2019	ND	5.92	98.7	6.00	0.944		
Total BTEx	<0.300	0.300	06/25/2019	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	<16.0	16.0	06/24/2019	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	06/24/2019	ND	200	100	200	7.05	
DRO >C10-C28*	<10.0	10.0	06/24/2019	ND	201	100	200	7.41	
EXT DRO >C28-C36	<10.0	10.0	06/24/2019	ND					

Surrogate: 1-Chlorooctane 95.1 % 41-142

Surrogate: 1-Chlorooctadecane 98.0 % 37.6-147

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: 06/21/2019
 Reported: 06/26/2019
 Project Name: MESA VERDE BS UNIT #8
 Project Number: (5/18/18)
 Project Location: OXY - LEA COUNTY, NM

Sampling Date: 06/14/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 2 @ 1' (H902146-04)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/24/2019	ND	416	104	400	3.92		

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Analytical Results For:

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

Received: 06/21/2019
 Reported: 06/26/2019
 Project Name: MESA VERDE BS UNIT #8
 Project Number: (5/18/18)
 Project Location: OXY - LEA COUNTY, NM

Sampling Date: 06/14/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 3 @ SURFACE (H902146-05)

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	06/25/2019	ND	2.07	104	2.00	1.41		
Toluene*	<0.050	0.050	06/25/2019	ND	2.10	105	2.00	0.0690		
Ethylbenzene*	<0.050	0.050	06/25/2019	ND	1.96	98.0	2.00	0.759		
Total Xylenes*	<0.150	0.150	06/25/2019	ND	5.92	98.7	6.00	0.944		
Total BTEx	<0.300	0.300	06/25/2019	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	<16.0	16.0	06/25/2019	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	06/24/2019	ND	200	100	200	7.05	
DRO >C10-C28*	<10.0	10.0	06/24/2019	ND	201	100	200	7.41	
EXT DRO >C28-C36	<10.0	10.0	06/24/2019	ND					

Surrogate: 1-Chlorooctane 96.0 % 41-142

Surrogate: 1-Chlorooctadecane 96.3 % 37.6-147

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Analytical Results For:

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 Cliff Brunson
 P.O. Box 805
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Received: 06/21/2019
 Reported: 06/26/2019
 Project Name: MESA VERDE BS UNIT #8
 Project Number: (5/18/18)
 Project Location: OXY - LEA COUNTY, NM

Sampling Date: 06/14/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 3 @ 1' (H902146-06)**Chloride, SM4500Cl-B****mg/kg****Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/25/2019	ND	416	104	400	0.00	

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Received: 06/21/2019
 Reported: 06/26/2019
 Project Name: MESA VERDE BS UNIT #8
 Project Number: (5/18/18)
 Project Location: OXY - LEA COUNTY, NM

Sampling Date: 06/14/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 4 @ SURFACE (H902146-07)

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	06/25/2019	ND	2.07	104	2.00	1.41		
Toluene*	<0.050	0.050	06/25/2019	ND	2.10	105	2.00	0.0690		
Ethylbenzene*	<0.050	0.050	06/25/2019	ND	1.96	98.0	2.00	0.759		
Total Xylenes*	<0.150	0.150	06/25/2019	ND	5.92	98.7	6.00	0.944		
Total BTEx	<0.300	0.300	06/25/2019	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	<16.0	16.0	06/25/2019	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	06/25/2019	ND	200	100	200	7.05	
DRO >C10-C28*	<10.0	10.0	06/25/2019	ND	201	100	200	7.41	
EXT DRO >C28-C36	<10.0	10.0	06/25/2019	ND					

Surrogate: 1-Chlorooctane 89.5 % 41-142

Surrogate: 1-Chlorooctadecane 90.9 % 37.6-147

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Analytical Results For:

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Received: 06/21/2019
 Reported: 06/26/2019
 Project Name: MESA VERDE BS UNIT #8
 Project Number: (5/18/18)
 Project Location: OXY - LEA COUNTY, NM

Sampling Date: 06/14/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 4 @ 1' (H902146-08)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/25/2019	ND	416	104	400	0.00	

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Received: 06/21/2019
 Reported: 06/26/2019
 Project Name: MESA VERDE BS UNIT #8
 Project Number: (5/18/18)
 Project Location: OXY - LEA COUNTY, NM

Sampling Date: 06/14/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 5 @ SURFACE (H902146-09)

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	06/25/2019	ND	2.07	104	2.00	1.41		
Toluene*	<0.050	0.050	06/25/2019	ND	2.10	105	2.00	0.0690		
Ethylbenzene*	<0.050	0.050	06/25/2019	ND	1.96	98.0	2.00	0.759		
Total Xylenes*	<0.150	0.150	06/25/2019	ND	5.92	98.7	6.00	0.944		
Total BTEx	<0.300	0.300	06/25/2019	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	<16.0	16.0	06/25/2019	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	06/25/2019	ND	200	100	200	7.05	
DRO >C10-C28*	<10.0	10.0	06/25/2019	ND	201	100	200	7.41	
EXT DRO >C28-C36	<10.0	10.0	06/25/2019	ND					

Surrogate: 1-Chlorooctane 91.1 % 41-142

Surrogate: 1-Chlorooctadecane 93.7 % 37.6-147

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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: 06/21/2019
 Reported: 06/26/2019
 Project Name: MESA VERDE BS UNIT #8
 Project Number: (5/18/18)
 Project Location: OXY - LEA COUNTY, NM

Sampling Date: 06/14/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 5 @ 1' (H902146-10)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/25/2019	ND	416	104	400	0.00	

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Received: 06/21/2019
 Reported: 06/26/2019
 Project Name: MESA VERDE BS UNIT #8
 Project Number: (5/18/18)
 Project Location: OXY - LEA COUNTY, NM

Sampling Date: 06/14/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 6 @ SURFACE (H902146-11)

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	06/25/2019	ND	2.07	104	2.00	1.41		
Toluene*	<0.050	0.050	06/25/2019	ND	2.10	105	2.00	0.0690		
Ethylbenzene*	<0.050	0.050	06/25/2019	ND	1.96	98.0	2.00	0.759		
Total Xylenes*	<0.150	0.150	06/25/2019	ND	5.92	98.7	6.00	0.944		
Total BTEx	<0.300	0.300	06/25/2019	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	16.0	16.0	06/25/2019	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	06/25/2019	ND	200	100	200	7.05	
DRO >C10-C28*	<10.0	10.0	06/25/2019	ND	201	100	200	7.41	
EXT DRO >C28-C36	<10.0	10.0	06/25/2019	ND					

Surrogate: 1-Chlorooctane 94.7 % 41-142

Surrogate: 1-Chlorooctadecane 98.7 % 37.6-147

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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 06/21/2019
 Reported: 06/26/2019
 Project Name: MESA VERDE BS UNIT #8
 Project Number: (5/18/18)
 Project Location: OXY - LEA COUNTY, NM

Sampling Date: 06/14/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 6 @ 1' (H902146-12)**Chloride, SM4500Cl-B****mg/kg****Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/25/2019	ND	416	104	400	0.00	

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Analytical Results For:

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Received: 06/21/2019
 Reported: 06/26/2019
 Project Name: MESA VERDE BS UNIT #8
 Project Number: (5/18/18)
 Project Location: OXY - LEA COUNTY, NM

Sampling Date: 06/14/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 7 @ SURFACE (H902146-13)

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	06/25/2019	ND	2.07	104	2.00	1.41		
Toluene*	<0.050	0.050	06/25/2019	ND	2.10	105	2.00	0.0690		
Ethylbenzene*	<0.050	0.050	06/25/2019	ND	1.96	98.0	2.00	0.759		
Total Xylenes*	<0.150	0.150	06/25/2019	ND	5.92	98.7	6.00	0.944		
Total BTEx	<0.300	0.300	06/25/2019	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	<16.0	16.0	06/25/2019	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	06/25/2019	ND	200	100	200	7.05	
DRO >C10-C28*	<10.0	10.0	06/25/2019	ND	201	100	200	7.41	
EXT DRO >C28-C36	<10.0	10.0	06/25/2019	ND					

Surrogate: 1-Chlorooctane 92.5 % 41-142

Surrogate: 1-Chlorooctadecane 95.0 % 37.6-147

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Analytical Results For:

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Received: 06/21/2019
 Reported: 06/26/2019
 Project Name: MESA VERDE BS UNIT #8
 Project Number: (5/18/18)
 Project Location: OXY - LEA COUNTY, NM

Sampling Date: 06/14/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 7 @ 1' (H902146-14)**Chloride, SM4500Cl-B****mg/kg****Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/25/2019	ND	416	104	400	0.00	

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Analytical Results For:

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Received: 06/21/2019
 Reported: 06/26/2019
 Project Name: MESA VERDE BS UNIT #8
 Project Number: (5/18/18)
 Project Location: OXY - LEA COUNTY, NM

Sampling Date: 06/17/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 8 @ SURFACE (H902146-15)

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	06/25/2019	ND	2.07	104	2.00	1.41		
Toluene*	<0.050	0.050	06/25/2019	ND	2.10	105	2.00	0.0690		
Ethylbenzene*	<0.050	0.050	06/25/2019	ND	1.96	98.0	2.00	0.759		
Total Xylenes*	<0.150	0.150	06/25/2019	ND	5.92	98.7	6.00	0.944		
Total BTEx	<0.300	0.300	06/25/2019	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	<16.0	16.0	06/25/2019	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	06/25/2019	ND	200	100	200	7.05	
DRO >C10-C28*	<10.0	10.0	06/25/2019	ND	201	100	200	7.41	
EXT DRO >C28-C36	<10.0	10.0	06/25/2019	ND					

Surrogate: 1-Chlorooctane 89.5 % 41-142

Surrogate: 1-Chlorooctadecane 92.1 % 37.6-147

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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:	06/21/2019	Sampling Date:	06/17/2019
Reported:	06/26/2019	Sampling Type:	Soil
Project Name:	MESA VERDE BS UNIT #8	Sampling Condition:	Cool & Intact
Project Number:	(5/18/18)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SP 8 @ 1' (H902146-16)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/25/2019	ND	416	104	400	0.00		

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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: 06/21/2019
 Reported: 06/26/2019
 Project Name: MESA VERDE BS UNIT #8
 Project Number: (5/18/18)
 Project Location: OXY - LEA COUNTY, NM

Sampling Date: 06/17/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 9 @ SURFACE (H902146-17)

BTEx 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/25/2019	ND	2.07	104	2.00	1.41	
Toluene*	<0.050	0.050	06/25/2019	ND	2.10	105	2.00	0.0690	
Ethylbenzene*	<0.050	0.050	06/25/2019	ND	1.96	98.0	2.00	0.759	
Total Xylenes*	<0.150	0.150	06/25/2019	ND	5.92	98.7	6.00	0.944	
Total BTEX	<0.300	0.300	06/25/2019	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	16.0	16.0	06/25/2019	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	06/25/2019	ND	200	100	200	7.05	
DRO >C10-C28*	<10.0	10.0	06/25/2019	ND	201	100	200	7.41	
EXT DRO >C28-C36	<10.0	10.0	06/25/2019	ND					

Surrogate: 1-Chlorooctane 96.7 % 41-142

Surrogate: 1-Chlorooctadecane 99.7 % 37.6-147

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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: 06/21/2019
 Reported: 06/26/2019
 Project Name: MESA VERDE BS UNIT #8
 Project Number: (5/18/18)
 Project Location: OXY - LEA COUNTY, NM

Sampling Date: 06/17/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 9 @ 1' (H902146-18)**Chloride, SM4500Cl-B****mg/kg****Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/25/2019	ND	416	104	400	0.00	

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Analytical Results For:

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Received: 06/21/2019
 Reported: 06/26/2019
 Project Name: MESA VERDE BS UNIT #8
 Project Number: (5/18/18)
 Project Location: OXY - LEA COUNTY, NM

Sampling Date: 06/17/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 10 @ SURFACE (H902146-19)

BTEx 8021B		mg/kg		Analyzed By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/25/2019	ND	1.82	91.2	2.00	2.62	QR-03
Toluene*	<0.050	0.050	06/25/2019	ND	1.80	90.0	2.00	2.61	
Ethylbenzene*	<0.050	0.050	06/25/2019	ND	1.75	87.3	2.00	2.18	
Total Xylenes*	<0.150	0.150	06/25/2019	ND	5.29	88.2	6.00	2.67	
Total BTEx	<0.300	0.300	06/25/2019	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	<16.0	16.0	06/25/2019	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	06/25/2019	ND	200	100	200	7.05	
DRO >C10-C28*	<10.0	10.0	06/25/2019	ND	201	100	200	7.41	
EXT DRO >C28-C36	<10.0	10.0	06/25/2019	ND					

Surrogate: 1-Chlorooctane 87.6 % 41-142

Surrogate: 1-Chlorooctadecane 92.7 % 37.6-147

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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: 06/21/2019
 Reported: 06/26/2019
 Project Name: MESA VERDE BS UNIT #8
 Project Number: (5/18/18)
 Project Location: OXY - LEA COUNTY, NM

Sampling Date: 06/17/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 10 @ 1' (H902146-20)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/25/2019	ND	416	104	400	0.00		

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Received: 06/21/2019
 Reported: 06/26/2019
 Project Name: MESA VERDE BS UNIT #8
 Project Number: (5/18/18)
 Project Location: OXY - LEA COUNTY, NM

Sampling Date: 06/17/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 11 @ SURFACE (H902146-21)

BTEx 8021B		mg/kg		Analyzed By: BF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/25/2019	ND	1.82	91.2	2.00	2.62		
Toluene*	<0.050	0.050	06/25/2019	ND	1.80	90.0	2.00	2.61		
Ethylbenzene*	<0.050	0.050	06/25/2019	ND	1.75	87.3	2.00	2.18		
Total Xylenes*	<0.150	0.150	06/25/2019	ND	5.29	88.2	6.00	2.67		
Total BTEx	<0.300	0.300	06/25/2019	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	<16.0	16.0	06/25/2019	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	06/25/2019	ND	200	100	200	7.05	
DRO >C10-C28*	<10.0	10.0	06/25/2019	ND	201	100	200	7.41	
EXT DRO >C28-C36	<10.0	10.0	06/25/2019	ND					

Surrogate: 1-Chlorooctane 91.9 % 41-142

Surrogate: 1-Chlorooctadecane 93.0 % 37.6-147

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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: 06/21/2019
 Reported: 06/26/2019
 Project Name: MESA VERDE BS UNIT #8
 Project Number: (5/18/18)
 Project Location: OXY - LEA COUNTY, NM

Sampling Date: 06/17/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 11 @ 1' (H902146-22)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/25/2019	ND	416	104	400	0.00		

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Analytical Results For:

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

Received: 06/21/2019
 Reported: 06/26/2019
 Project Name: MESA VERDE BS UNIT #8
 Project Number: (5/18/18)
 Project Location: OXY - LEA COUNTY, NM

Sampling Date: 06/17/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 12 @ SURFACE (H902146-23)

BTEx 8021B		mg/kg		Analyzed By: BF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/25/2019	ND	1.82	91.2	2.00	2.62		
Toluene*	<0.050	0.050	06/25/2019	ND	1.80	90.0	2.00	2.61		
Ethylbenzene*	<0.050	0.050	06/25/2019	ND	1.75	87.3	2.00	2.18		
Total Xylenes*	<0.150	0.150	06/25/2019	ND	5.29	88.2	6.00	2.67		
Total BTEX	<0.300	0.300	06/25/2019	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	06/25/2019	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	06/25/2019	ND	200	100	200	7.05	
DRO >C10-C28*	<10.0	10.0	06/25/2019	ND	201	100	200	7.41	
EXT DRO >C28-C36	<10.0	10.0	06/25/2019	ND					

Surrogate: 1-Chlorooctane 84.0 % 41-142

Surrogate: 1-Chlorooctadecane 82.9 % 37.6-147

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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: 06/21/2019
 Reported: 06/26/2019
 Project Name: MESA VERDE BS UNIT #8
 Project Number: (5/18/18)
 Project Location: OXY - LEA COUNTY, NM

Sampling Date: 06/17/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 12 @ 1' (H902146-24)

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	06/25/2019	ND	416	104	400	0.00	

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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 06/21/2019
 Reported: 06/26/2019
 Project Name: MESA VERDE BS UNIT #8
 Project Number: (5/18/18)
 Project Location: OXY - LEA COUNTY, NM

Sampling Date: 06/17/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 13 @ SURFACE (H902146-25)

BTEx 8021B		mg/kg		Analyzed By: BF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/25/2019	ND	1.82	91.2	2.00	2.62		
Toluene*	<0.050	0.050	06/25/2019	ND	1.80	90.0	2.00	2.61		
Ethylbenzene*	<0.050	0.050	06/25/2019	ND	1.75	87.3	2.00	2.18		
Total Xylenes*	<0.150	0.150	06/25/2019	ND	5.29	88.2	6.00	2.67		
Total BTEX	<0.300	0.300	06/25/2019	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	06/25/2019	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	06/25/2019	ND	200	100	200	7.05	
DRO >C10-C28*	<10.0	10.0	06/25/2019	ND	201	100	200	7.41	
EXT DRO >C28-C36	<10.0	10.0	06/25/2019	ND					

Surrogate: 1-Chlorooctane 87.1 % 41-142

Surrogate: 1-Chlorooctadecane 86.0 % 37.6-147

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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: 06/21/2019
 Reported: 06/26/2019
 Project Name: MESA VERDE BS UNIT #8
 Project Number: (5/18/18)
 Project Location: OXY - LEA COUNTY, NM

Sampling Date: 06/17/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 13 @ 1' (H902146-26)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/25/2019	ND	400	100	400	0.00	

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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: 06/21/2019
 Reported: 06/26/2019
 Project Name: MESA VERDE BS UNIT #8
 Project Number: (5/18/18)
 Project Location: OXY - LEA COUNTY, NM

Sampling Date: 06/14/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NORTH @ SURFACE (H902146-27)

BTX 8021B		mg/kg		Analyzed By: BF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/25/2019	ND	1.82	91.2	2.00	2.62		
Toluene*	0.051	0.050	06/25/2019	ND	1.80	90.0	2.00	2.61		
Ethylbenzene*	<0.050	0.050	06/25/2019	ND	1.75	87.3	2.00	2.18		
Total Xylenes*	<0.150	0.150	06/25/2019	ND	5.29	88.2	6.00	2.67		
Total BTX	<0.300	0.300	06/25/2019	ND						

Surrogate: 4-Bromofluorobenzene (PID) 125 % 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	16.0	16.0	06/25/2019	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	06/25/2019	ND	200	100	200	7.05	
DRO >C10-C28*	<10.0	10.0	06/25/2019	ND	201	100	200	7.41	
EXT DRO >C28-C36	<10.0	10.0	06/25/2019	ND					

Surrogate: 1-Chlorooctane 81.8 % 41-142

Surrogate: 1-Chlorooctadecane 77.4 % 37.6-147

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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: 06/21/2019
 Reported: 06/26/2019
 Project Name: MESA VERDE BS UNIT #8
 Project Number: (5/18/18)
 Project Location: OXY - LEA COUNTY, NM

Sampling Date: 06/14/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: EAST @ SURFACE (H902146-28)

BTX 8021B		mg/kg		Analyzed By: BF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/25/2019	ND	1.82	91.2	2.00	2.62		
Toluene*	<0.050	0.050	06/25/2019	ND	1.80	90.0	2.00	2.61		
Ethylbenzene*	<0.050	0.050	06/25/2019	ND	1.75	87.3	2.00	2.18		
Total Xylenes*	<0.150	0.150	06/25/2019	ND	5.29	88.2	6.00	2.67		
Total BTX	<0.300	0.300	06/25/2019	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	16.0	16.0	06/25/2019	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	06/25/2019	ND	200	100	200	7.05	
DRO >C10-C28*	<10.0	10.0	06/25/2019	ND	201	100	200	7.41	
EXT DRO >C28-C36	<10.0	10.0	06/25/2019	ND					

Surrogate: 1-Chlorooctane 90.3 % 41-142

Surrogate: 1-Chlorooctadecane 90.0 % 37.6-147

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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: 06/21/2019
 Reported: 06/26/2019
 Project Name: MESA VERDE BS UNIT #8
 Project Number: (5/18/18)
 Project Location: OXY - LEA COUNTY, NM

Sampling Date: 06/14/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: WEST @ SURFACE (H902146-29)

BTEx 8021B		mg/kg		Analyzed By: BF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/25/2019	ND	1.82	91.2	2.00	2.62		
Toluene*	<0.050	0.050	06/25/2019	ND	1.80	90.0	2.00	2.61		
Ethylbenzene*	<0.050	0.050	06/25/2019	ND	1.75	87.3	2.00	2.18		
Total Xylenes*	<0.150	0.150	06/25/2019	ND	5.29	88.2	6.00	2.67		
Total BTEx	<0.300	0.300	06/25/2019	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	16.0	16.0	06/25/2019	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	06/25/2019	ND	200	100	200	7.05	
DRO >C10-C28*	<10.0	10.0	06/25/2019	ND	201	100	200	7.41	
EXT DRO >C28-C36	<10.0	10.0	06/25/2019	ND					

Surrogate: 1-Chlorooctane 84.2 % 41-142

Surrogate: 1-Chlorooctadecane 80.3 % 37.6-147

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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: 06/21/2019
 Reported: 06/26/2019
 Project Name: MESA VERDE BS UNIT #8
 Project Number: (5/18/18)
 Project Location: OXY - LEA COUNTY, NM

Sampling Date: 06/14/2019
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SOUTH @ SURFACE (H902146-30)

BTEx 8021B		mg/kg		Analyzed By: BF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/25/2019	ND	1.82	91.2	2.00	2.62		
Toluene*	<0.050	0.050	06/25/2019	ND	1.80	90.0	2.00	2.61		
Ethylbenzene*	<0.050	0.050	06/25/2019	ND	1.75	87.3	2.00	2.18		
Total Xylenes*	<0.150	0.150	06/25/2019	ND	5.29	88.2	6.00	2.67		
Total BTEx	<0.300	0.300	06/25/2019	ND						

Surrogate: 4-Bromofluorobenzene (PID) 124 % 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	<16.0	16.0	06/25/2019	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	06/25/2019	ND	200	100	200	7.05	
DRO >C10-C28*	<10.0	10.0	06/25/2019	ND	201	100	200	7.41	
EXT DRO >C28-C36	<10.0	10.0	06/25/2019	ND					

Surrogate: 1-Chlorooctane 87.6 % 41-142

Surrogate: 1-Chlorooctadecane 92.8 % 37.6-147

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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 black ink, appearing to read "C. D. Keene".

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

1083

Company Name: BBC International, Inc.				BILL TO				ANALYSIS REQUEST																																													
Project Manager: Cliff Brunson				P.O. #:																																																	
Address: P.O. Box 805				Company: <i>Oxy</i>																																																	
City: Hobbs		State: NM		Zip: 88241		Attn: <i>Ditrich</i>																																															
Phone #: 575-397-6388		Fax #: 575-397-0397		Address:																																																	
Project #:		Project Owner: Oxy		City:																																																	
Project Name: Mesa Verde BS Unit #8 (5/18/18)				State: Zip:																																																	
Project Location: Lea County, NM				Phone #:																																																	
Sampler Name: Jeff Ornelas				Fax #:																																																	
FOR LAB USE ONLY																																																					
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS														MATRIX				PRESERV.		SAMPLING		<i>CI</i> <i>BTEX</i> <i>TPH EXT</i>																									
																				GROUNDWATER		WASTEWATER		SOIL		OIL														SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME	
<i>14902146</i>				<i>G</i>		<i>1</i>																<i>✓</i>				<i>✓</i>						<i>6/14/19</i>		<i>10:15 AM</i>		<i>✓</i>		<i>✓</i>		<i>✓</i>													
<i>2</i>		SP1 @ 1'																														<i>6/14/19</i>		<i>10:20 AM</i>		<i>✓</i>																	
<i>3</i>		SP2 @ SURFACE																														<i>6/14/19</i>		<i>10:40 AM</i>		<i>✓</i>		<i>✓</i>		<i>✓</i>													
<i>4</i>		SP2 @ 1'																		<i>6/14/19</i>		<i>10:55 AM</i>		<i>✓</i>																													
<i>5</i>		SP3 @ SURFACE																		<i>6/14/19</i>		<i>11:15 AM</i>		<i>✓</i>		<i>✓</i>		<i>✓</i>																									
<i>6</i>		SP3 @ 1'																		<i>6/14/19</i>		<i>11:25 AM</i>		<i>✓</i>																													
<i>7</i>		SP4 @ SURFACE																		<i>6/14/19</i>		<i>12:12 PM</i>		<i>✓</i>		<i>✓</i>		<i>✓</i>																									
<i>8</i>		SP4 @ 1'																		<i>6/14/19</i>		<i>12:57 PM</i>		<i>✓</i>																													
<i>9</i>		SP5 @ SURFACE																		<i>6/14/19</i>		<i>1:19 PM</i>		<i>✓</i>		<i>✓</i>		<i>✓</i>																									
<i>10</i>		SP5 @ 1'																		<i>6/14/19</i>		<i>1:26 PM</i>		<i>✓</i>																													
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Relinquished By: <i>Jeff Ornelas</i>				Date: <i>6/13/19</i>		Received By:				Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No				Add'l Phone #:																																							
				Time: <i>5:00pm</i>						Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No				Add'l Fax #:																																							
Relinquished By: <i>[Signature]</i>				Date: <i>6-21-19</i>		Received By: <i>[Signature]</i>				REMARKS:																																											
				Time: <i>10:20</i>																																																	
Delivered By: (Circle One)				Sample Condition				CHECKED BY:																																													
Sampler - UPS - Bus - Other:				Cool Intact				(Initials)																																													
<i>- 3.7c #197</i>				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				<i>to</i>																																													

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**CARDINAL LABORATORIES**

101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2083

Company Name: BBC International, Inc.				BILL TO				ANALYSIS REQUEST																										
Project Manager: Cliff Brunson				P.O. #:				<div style="display: flex; justify-content: space-around;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CI</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTX</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPH EXT</div> </div>																										
Address: P.O. Box 805				Company: <i>Oxy</i>																														
City: Hobbs State: NM Zip: 88241				Attn: <i>J. Hirsch</i>																														
Phone #: 575-397-6388 Fax #: 575-397-0397				Address:																														
Project #: Project Owner: Oxy				City:																														
Project Name: Mesa Verde BS Unit #8 (5/18/18)				State: Zip:																														
Project Location: Lea County, NM				Phone #:																														
Sampler Name: Jeff Ornelas				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																				
<i>H902146</i>																																		
<i>11</i>	SP6 @ SURFACE	<i>6</i>	<i>1</i>			<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>			6/14/19	1:50 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																	
<i>12</i>	SP6 @ 1'												6/14/19	2:05 PM	<input checked="" type="checkbox"/>																			
<i>13</i>	SP7 @ SURFACE												6/14/19	2:30 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																	
<i>14</i>	SP7 @ 1'												6/14/19	2:47 PM	<input checked="" type="checkbox"/>																			
<i>15</i>	SP8 @ SURFACE												6/17/19	9:01 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																	
<i>16</i>	SP8 @ 1'												6/17/19	9:11 AM	<input checked="" type="checkbox"/>																			
<i>17</i>	SP9 @ SURFACE												6/17/19	9:30 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																	
<i>18</i>	SP9 @ 1'												6/17/19	9:40 AM	<input checked="" type="checkbox"/>																			
<i>19</i>	SP10 @ SURFACE												6/17/19	10:15 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																	
<i>20</i>	SP10 @ 1'												6/17/19	10:26 AM	<input checked="" type="checkbox"/>																			

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Relinquished By: <i>Jeff Ornelas</i>	Date: <i>6-17-19</i> Time: <i>5:00 PM</i>	Received By:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
Relinquished By: <i>[Signature]</i>	Date: <i>6-21-19</i> Time: <i>16:20</i>	Received By: <i>[Signature]</i>	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:
Delivered By: (Circle One)	Sample Condition	CHECKED BY: (Initials)	REMARKS:
Sampler - UPS - Bus - Other: <i>-3.7c #97</i>	Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	<i>TO</i>	

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

**CARDINAL LABORATORIES**

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

3 of 3

Company Name: BBC International, Inc.				BILL TO										ANALYSIS REQUEST									
Project Manager: Cliff Brunson				P.O. #:																			
Address: P.O. Box 805				Company: <i>Oxy</i>																			
City: Hobbs State: NM Zip: 88241				Attn: <i>Dittrich</i>																			
Phone #: 575-397-6388 Fax #: 575-397-0397				Address:																			
Project #: Project Owner: Oxy				City:																			
Project Name: Mesa Verde BS Unit #8 (5/18/18)				State: Zip:																			
Project Location: Lea County, NM				Phone #:																			
Sampler Name: Jeff Ornelas				Fax #:																			
FOR LAB USE ONLY																							
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING																	
				GROUNDWATER																			
				WASTEWATER																			
				SOIL																			
				OIL																			
				SLUDGE																			
				OTHER:																			
				ACID/BASE:																			
				ICE / COOL																			
				OTHER:																			
								DATE	TIME														
<i>14902146</i>																							
<i>21</i>	SP11 @ SURFACE	<i>G</i>	<i>1</i>					6/17/19	10:50 AM	<i>✓</i>	<i>✓</i>	<i>✓</i>											
<i>22</i>	SP11 @ 1'							6/17/19	10:58 AM	<i>✓</i>													
<i>23</i>	SP12 @ SURFACE							6/17/19	11:15 AM	<i>✓</i>	<i>✓</i>	<i>✓</i>											
<i>24</i>	SP12 @ 1'							6/17/19	11:25 AM	<i>✓</i>													
<i>25</i>	SP13 @ SURFACE							6/17/19	12:12 PM	<i>✓</i>	<i>✓</i>	<i>✓</i>											
<i>26</i>	SP13 @ 1'							6/17/19	1:11 PM	<i>✓</i>													
<i>27</i>	NORTH @ SURFACE							6/14/19	9:19 AM	<i>✓</i>	<i>✓</i>	<i>✓</i>											
<i>28</i>	EAST @ SURFACE							6/14/19	9:30 AM	<i>✓</i>	<i>✓</i>	<i>✓</i>											
<i>29</i>	WEST @ SURFACE							6/14/19	9:40 AM	<i>✓</i>	<i>✓</i>	<i>✓</i>											
<i>30</i>	SOUTH @ SURFACE							6/14/19	9:52 AM	<i>✓</i>	<i>✓</i>	<i>✓</i>											

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 interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: <i>Jeff Ornelas</i>	Date: <i>6/17/19</i> Time: <i>5:00pm</i>	Received By:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By:	Date: <i>6-21-19</i> Time: <i>7:20</i>	Received By: <i>Tamara Ornelas</i>	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One)		Sample Condition	REMARKS:	
Sampler - UPS - Bus - Other:	<i>-3.7°C #97</i>	Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No		
		CHECKED BY: (Initials) <i>T.O.</i>		

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

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

CONDITIONS

Action 203513

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 203513
	Action Type: [IM-SD] Incident File Support Doc (ENV) (IM-BNF)

CONDITIONS

Created By	Condition	Condition Date
bhall	Closure approved. Site will need to meet 19.15.29.13 NMAC.	4/19/2023