



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/REMEDATION WORKPLAN

OXY – DIMENSIONS 6 CTB (Leak Dates: 9/12/20 & 9/16/20)

Incident Reference #: NRM2028960047 & NRM2028960708

This delineation workplan and remediation proposal addresses the releases associated with Incident Reference #: NRM2028960047 & NRM2028960708.

The following information includes:

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

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

OXY will excavate the spill area as depicted on the following site diagram.

The leak area near SP1 (green shade on diagram) will be excavated to a depth of 1 foot. The leak area near SP2 (purple shade on diagram) will be excavated to a depth of 2 feet.

OXY will collect sidewall and confirmation samples every 200 square feet. The estimated amount of soil to be excavated is 72 cubic yards. The remediation will be completed within 90 days of approval.

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

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

Form C-141

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State of New Mexico
Oil Conservation Division

Incident ID	NRM2028960047
District RP	
Facility ID	
Application ID	

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

What is the shallowest depth to groundwater beneath the area affected by the release?	51 (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

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

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


Form C-141

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	NRM2028960047
District RP	
Facility ID	
Application ID	

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

Printed Name: Wade Dittrich Title: Environmental Coordinator
Signature:  Date: 1-5-21
email: wade_dittrich@oxy.com Telephone: (575) 390-2828

OCD Only

Received by: _____ Date: _____

Form C-141

Page 5

State of New Mexico
Oil Conservation Division

Incident ID	NRM2028960047
District RP	
Facility ID	
Application ID	

Remediation Plan


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

- ☒ Detailed description of proposed remediation technique
- ☒ Scaled sitemap with GPS coordinates showing delineation points
- ☒ Estimated volume of material to be remediated
- ☒ Closure criteria is to Table I 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: 1-5-21
email: wade_dittrich@oxy.com Telephone: (575) 390-2828

OCD OnlyReceived by: Chad Hensley Date: 03/24/2021☐ Approved ☒ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral ApprovedSignature:  Date: 03/24/2021

Form C-141

Page 3

State of New Mexico
Oil Conservation Division

Incident ID	NRM2028960708
District RP	
Facility ID	
Application ID	

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

What is the shallowest depth to groundwater beneath the area affected by the release?	51 _____ (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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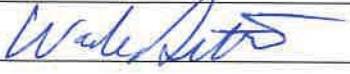
Form C-141

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	NRM2028960708
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Printed Name: Wade Dittrich Title: Environmental Coordinator
Signature:  Date: 1-5-21
email: wade_dittrich@oxy.com Telephone: (575) 390-2828

OCD Only

Received by: _____ Date: _____

Form C-141

State of New Mexico
Oil Conservation Division

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Incident ID	NRM2028960708
District RP	
Facility ID	
Application ID	

Remediation Plan

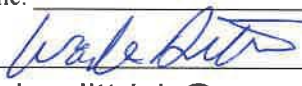
Remediation Plan Checklist: Each of the following items must be included in the plan.

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- ☒ 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)

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Printed Name: Wade Dittrich Title: Environmental Coordinator
Signature:  Date: 1-5-20
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 Dimensions 6 CTB

Leak Date: 9-12-20/9-16-20
Eddy County, NM
Incident ID: NRM2028960047/NRM2028960708

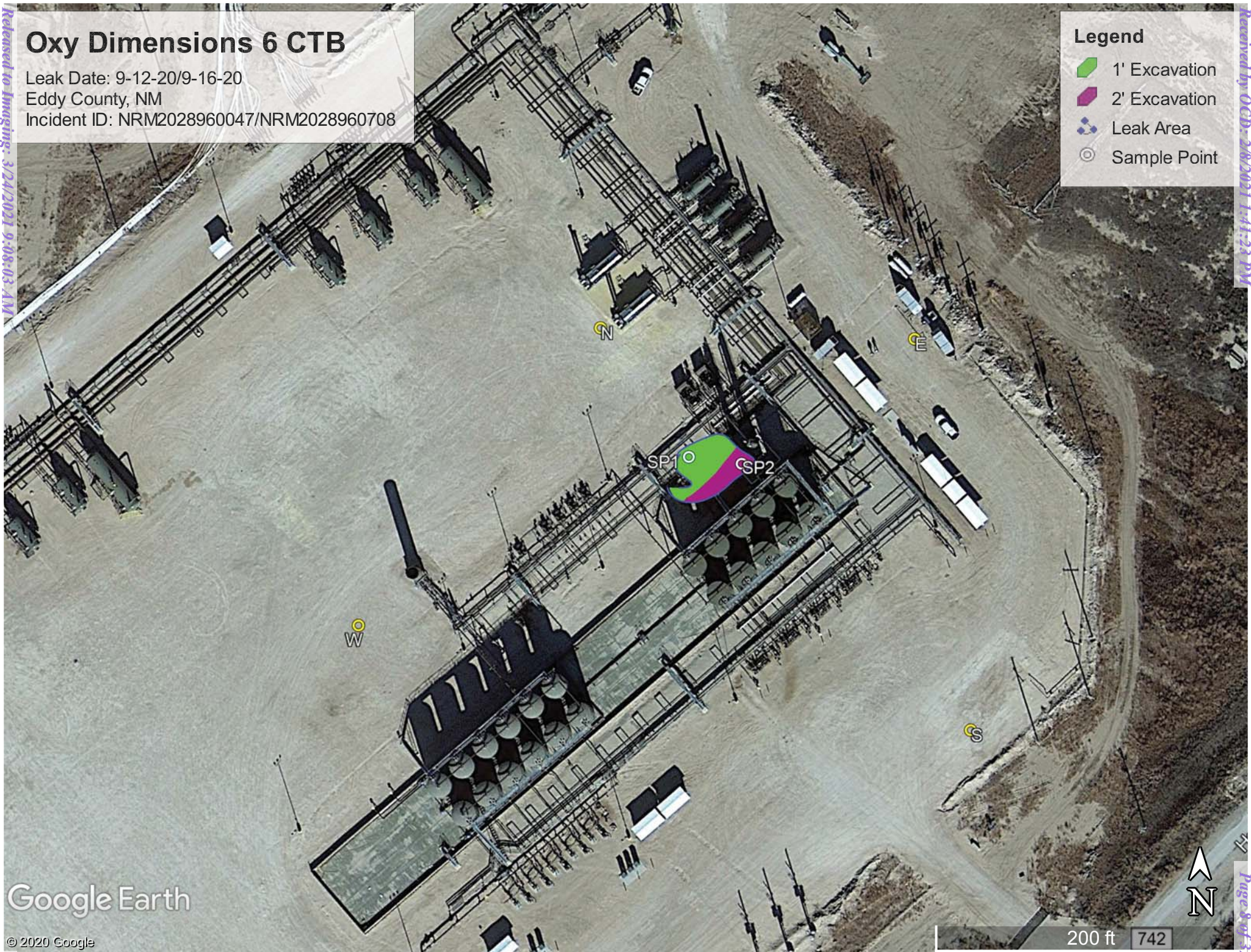
Legend

1' Excavation

2' Excavation

Leak Area

Sample Point



Oxy Dimensions 6 CTB (9-12-20/9-16-20)

Sample Points:

SP1 32.25121 W -104.02471

SP2 32.25120 W -104.02460

North 32.25144 W -104.02489

East 32.25142 W -104.02424

West 32.25091 W -104.02539

South 32.25073 W -104.02412



USGS Home
Contact USGS
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National Water Information System: Web Interface

USGS Water Resources

Data Category:

Groundwater

Geographic Area:

New Mexico

GO

Click to hideNews Bulletins

- Introducing The Next Generation of USGS Water Data for the Nation
- Full News

Groundwater levels for New Mexico

Click to hide state-specific text

Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 321355104012001

Minimum number of levels = 1
[Save file of selected sites](#) to local disk for future upload

USGS 321355104012001 24S.29E.07.14444

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

Output formats

Table of data

Tab-separated data

Graph of data

Reselect period

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

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level accuracy	2	Water level accuracy to nearest hundredth of a foot
Status		The reported water-level measurement represents a static level
Method of measurement	S	Steel-tape measurement.
Method of measurement	U	Unknown method.
Measuring agency		Not determined
Source of measurement	U	Source is unknown.
Water-level approval status	A	Approved for publication -- Processing and review completed.

[Questions about sites/data?](#)
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Title: Groundwater for New Mexico: Water Levels

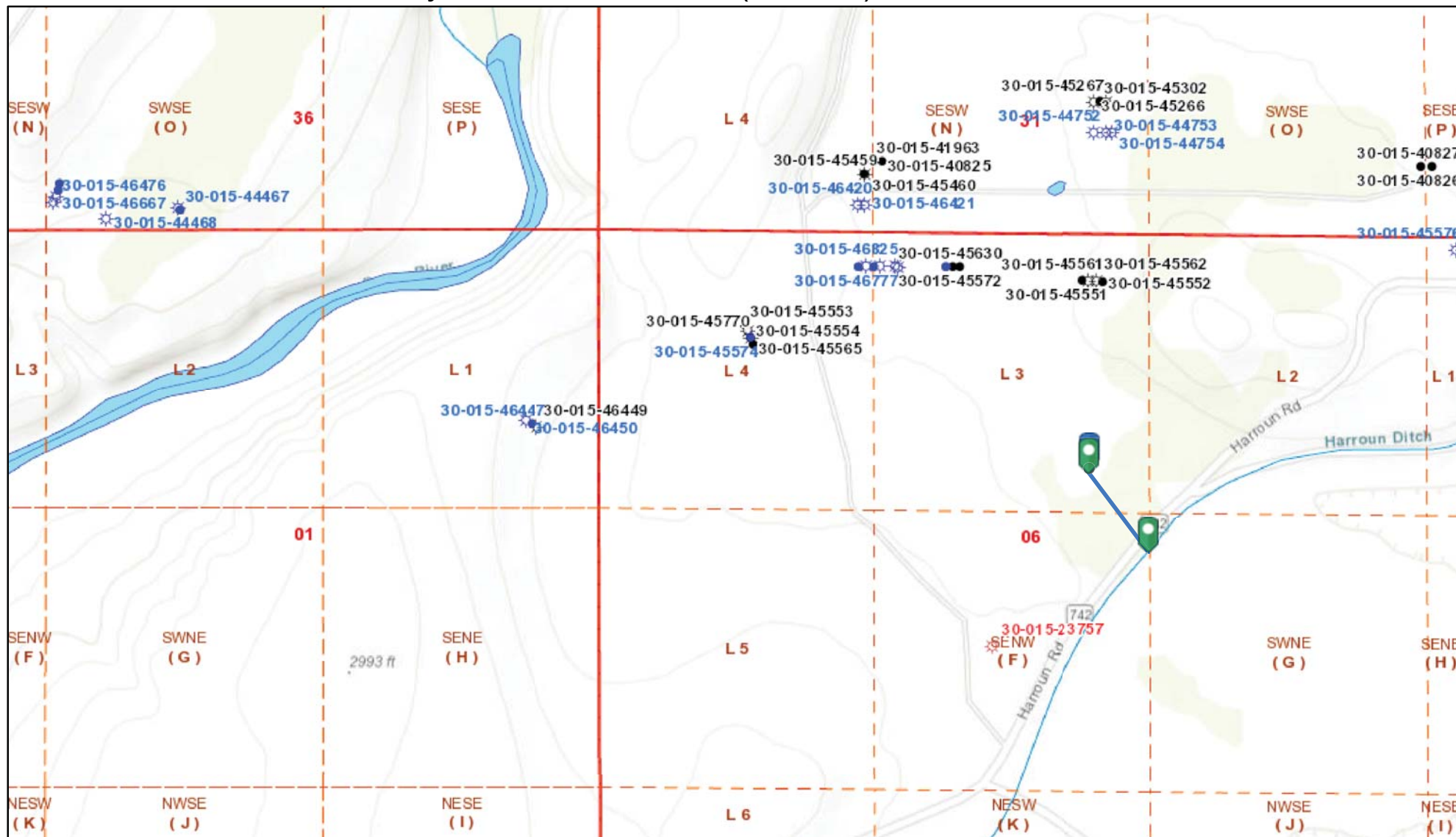
URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>

Page Contact Information: [New Mexico Water Data Maintainer](#)

Page Last Modified: 2020-01-13 15:57:02 EST

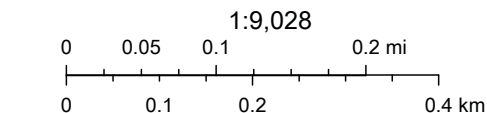
0.23 0.2 nadww02

Oxy Dimensions 6 CTB (9-12-20) 470 ft to h2o



9/22/2020, 11:25:31 AM

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



Oil Conservation Division of the New Mexico Energy, Minerals and Natural Resources Department., Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c)



New Mexico Oil Conservation Division

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

Oxy Dimensions 6 CTB

Leak Date: 9-16-2020
Eddy County, NM
Incident ID's : NRM2028960047/NRM2028960708

BLM CAVE KARST MAP

- Legend**
-  Leak Area
 -  Medium Potential



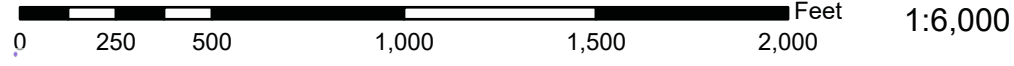
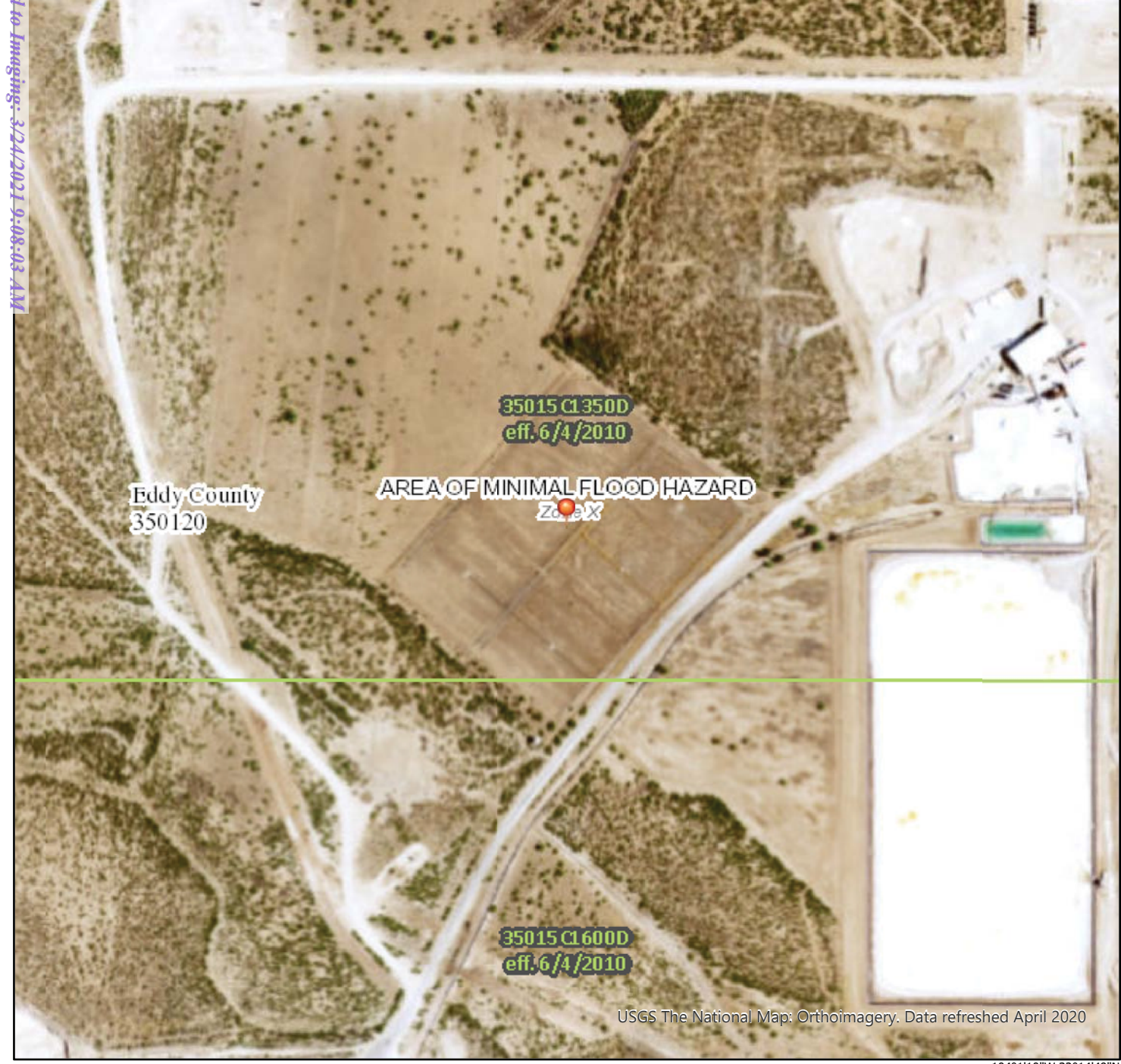
742
Harroun Rd



National Flood Hazard Layer FIRMette



104°1'47"W 32°15'20"N



104°1'10"W 32°14'49"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 Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
GENERAL STRUCTURES		Area of Undetermined Flood Hazard Zone D
		Channel, Culvert, or Storm Sewer
OTHER FEATURES		Levee, Dike, or Floodwall
		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
		Hydrographic Feature
	MAP PANELS	
		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 9/22/2020 at 1:35 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: 3/24/2021 9:08:03 AM

Received by OCD: 2/8/2021 1:41:23 PM

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Laboratory Analytical Results Summary
Oxy, Dimensions 6 CTB (9-12-20)

		Sample ID	North @ Surface	East @ Surface	West @ Surface	South @ Surface
Analyte	Method	Date	10/12/20	10/12/20	10/12/20	10/12/20
			mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		192	192	176	192
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0

		Sample ID	SP1 @ Surface	SP1 @ 1'	SP1 @ 2'
Analyte	Method	Date	10/12/20	10/12/20	10/12/20
			mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.200	<0.050	<0.050
Toluene	BTEX 8021B		2.37	<0.050	<0.050
Ethylbenzene	BTEX 8021B		1.53	<0.050	<0.050
Total Xylenes	BTEX 8021B		16.7	<0.150	<0.150
Total BTEX	BTEX 8021B		20.6	<0.050	<0.050
Chloride	SM4500Cl-B		400	32.0	112
GRO	TPH 8015M		488	<10.0	<10.0
DRO	TPH 8015M		38700	50.4	24.3
EXT DRO	TPH 8015M		8750	29.8	<10.0

		Sample ID	SP2 @ Surface	SP2 @ 1'	SP2 @ 2'	SP2 @ 3'	SP2 @ 4'
Analyte	Method	Date	10/13/20	10/13/20	10/13/20	10/13/20	10/13/20
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		0.180	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		5.85	<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		3.50	<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		20.2	<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		29.7	<0.300	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		80.0	64.0	144	80.0	64.0
GRO	TPH 8015M		744	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		15600	211	80.1	75.4	25.0
EXT DRO	TPH 8015M		3380	67.9	16.1	12.9	<10.0



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

October 20, 2020

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: DIMENSIONS 6 CTB

Enclosed are the results of analyses for samples received by the laboratory on 10/14/20 14:50.

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

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/14/2020	Sampling Date:	10/12/2020
Reported:	10/20/2020	Sampling Type:	Soil
Project Name:	DIMENSIONS 6 CTB	Sampling Condition:	Cool & Intact
Project Number:	(9-12-20)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: N @ SURFACE (H002738-01)

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	10/15/2020	ND	1.99	99.5	2.00	6.44		
Toluene*	<0.050	0.050	10/15/2020	ND	2.05	102	2.00	6.60		
Ethylbenzene*	<0.050	0.050	10/15/2020	ND	1.98	98.8	2.00	6.68		
Total Xylenes*	<0.150	0.150	10/15/2020	ND	5.73	95.5	6.00	5.65		
Total BTEX	<0.300	0.300	10/15/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 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	192	16.0	10/16/2020	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	10/16/2020	ND	224	112	200	3.79	
DRO >C10-C28*	<10.0	10.0	10/16/2020	ND	216	108	200	0.591	
EXT DRO >C28-C36	<10.0	10.0	10/16/2020	ND					

Surrogate: 1-Chlorooctane 78.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 73.0 % 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: 10/14/2020
 Reported: 10/20/2020
 Project Name: DIMENSIONS 6 CTB
 Project Number: (9-12-20)
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 10/12/2020
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: E @ SURFACE (H002738-02)

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	10/15/2020	ND	1.99	99.5	2.00	6.44		
Toluene*	<0.050	0.050	10/15/2020	ND	2.05	102	2.00	6.60		
Ethylbenzene*	<0.050	0.050	10/15/2020	ND	1.98	98.8	2.00	6.68		
Total Xylenes*	<0.150	0.150	10/15/2020	ND	5.73	95.5	6.00	5.65		
Total BTX	<0.300	0.300	10/15/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 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	192	16.0	10/16/2020	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	10/15/2020	ND	224	112	200	3.79	
DRO >C10-C28*	<10.0	10.0	10/15/2020	ND	216	108	200	0.591	
EXT DRO >C28-C36	<10.0	10.0	10/15/2020	ND					

Surrogate: 1-Chlorooctane 61.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 56.0 % 42.2-156

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Analytical Results For:

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Received: 10/14/2020
 Reported: 10/20/2020
 Project Name: DIMENSIONS 6 CTB
 Project Number: (9-12-20)
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 10/12/2020
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: W @ SURFACE (H002738-03)

BTX 8021B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/15/2020	ND	1.99	99.5	2.00	6.44		
Toluene*	<0.050	0.050	10/15/2020	ND	2.05	102	2.00	6.60		
Ethylbenzene*	<0.050	0.050	10/15/2020	ND	1.98	98.8	2.00	6.68		
Total Xylenes*	<0.150	0.150	10/15/2020	ND	5.73	95.5	6.00	5.65		
Total BTX	<0.300	0.300	10/15/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 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	10/16/2020	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	10/15/2020	ND	224	112	200	3.79	
DRO >C10-C28*	<10.0	10.0	10/15/2020	ND	216	108	200	0.591	
EXT DRO >C28-C36	<10.0	10.0	10/15/2020	ND					

Surrogate: 1-Chlorooctane 76.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 71.6 % 42.2-156

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Analytical Results For:

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Received: 10/14/2020
 Reported: 10/20/2020
 Project Name: DIMENSIONS 6 CTB
 Project Number: (9-12-20)
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 10/12/2020
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S @ SURFACE (H002738-04)

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	10/15/2020	ND	1.99	99.5	2.00	6.44		
Toluene*	<0.050	0.050	10/15/2020	ND	2.05	102	2.00	6.60		
Ethylbenzene*	<0.050	0.050	10/15/2020	ND	1.98	98.8	2.00	6.68		
Total Xylenes*	<0.150	0.150	10/15/2020	ND	5.73	95.5	6.00	5.65		
Total BTEx	<0.300	0.300	10/15/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 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	192	16.0	10/16/2020	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	10/15/2020	ND	224	112	200	3.79	
DRO >C10-C28*	<10.0	10.0	10/15/2020	ND	216	108	200	0.591	
EXT DRO >C28-C36	<10.0	10.0	10/15/2020	ND					

Surrogate: 1-Chlorooctane 81.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 78.4 % 42.2-156

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Analytical Results For:

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Received: 10/14/2020
 Reported: 10/20/2020
 Project Name: DIMENSIONS 6 CTB
 Project Number: (9-12-20)
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 10/12/2020
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 1 @ SURFACE (H002738-05)

BTX 8021B		mg/kg	Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	10/16/2020	ND	2.03	101	2.00	6.64	
Toluene*	2.37	0.200	10/16/2020	ND	2.03	102	2.00	6.96	
Ethylbenzene*	1.53	0.200	10/16/2020	ND	2.05	102	2.00	7.21	
Total Xylenes*	16.7	0.600	10/16/2020	ND	5.93	98.8	6.00	6.89	
Total BTX	20.6	1.20	10/16/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 133 % 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	400	16.0	10/16/2020	ND	416	104	400	0.00	

TPH 8015M		mg/kg	Analyzed By: MS					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	488	50.0	10/15/2020	ND	224	112	200	3.79	
DRO >C10-C28*	38700	50.0	10/15/2020	ND	216	108	200	0.591	
EXT DRO >C28-C36	8750	50.0	10/15/2020	ND					

Surrogate: 1-Chlorooctane 146 % 44.3-144

Surrogate: 1-Chlorooctadecane 1360 % 42.2-156

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Received: 10/14/2020
 Reported: 10/20/2020
 Project Name: DIMENSIONS 6 CTB
 Project Number: (9-12-20)
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 10/12/2020
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 1 @ 1' (H002738-06)

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	10/15/2020	ND	1.99	99.5	2.00	6.44		
Toluene*	<0.050	0.050	10/15/2020	ND	2.05	102	2.00	6.60		
Ethylbenzene*	<0.050	0.050	10/15/2020	ND	1.98	98.8	2.00	6.68		
Total Xylenes*	<0.150	0.150	10/15/2020	ND	5.73	95.5	6.00	5.65		
Total BTEx	<0.300	0.300	10/15/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 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	10/16/2020	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	10/16/2020	ND	224	112	200	3.79	
DRO >C10-C28*	50.4	10.0	10/16/2020	ND	216	108	200	0.591	
EXT DRO >C28-C36	29.8	10.0	10/16/2020	ND					

Surrogate: 1-Chlorooctane 84.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 72.7 % 42.2-156

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Received: 10/14/2020
 Reported: 10/20/2020
 Project Name: DIMENSIONS 6 CTB
 Project Number: (9-12-20)
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 10/12/2020
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 1 @ 2' (H002738-07)

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	10/15/2020	ND	1.99	99.5	2.00	6.44	
Toluene*	<0.050	0.050	10/15/2020	ND	2.05	102	2.00	6.60	
Ethylbenzene*	<0.050	0.050	10/15/2020	ND	1.98	98.8	2.00	6.68	
Total Xylenes*	<0.150	0.150	10/15/2020	ND	5.73	95.5	6.00	5.65	
Total BTX	<0.300	0.300	10/15/2020	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	10/16/2020	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	10/15/2020	ND	224	112	200	3.79	
DRO >C10-C28*	24.3	10.0	10/15/2020	ND	216	108	200	0.591	
EXT DRO >C28-C36	<10.0	10.0	10/15/2020	ND					

Surrogate: 1-Chlorooctane 84.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 82.2 % 42.2-156

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Received: 10/14/2020
 Reported: 10/20/2020
 Project Name: DIMENSIONS 6 CTB
 Project Number: (9-12-20)
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 10/13/2020
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 2 @ SURFACE (H002738-08)

BTX 8021B		mg/kg		Analyzed By: ms				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.180	0.100	10/19/2020	ND	2.03	101	2.00	6.64	
Toluene*	5.85	0.100	10/19/2020	ND	2.03	102	2.00	6.96	
Ethylbenzene*	3.50	0.100	10/19/2020	ND	2.05	102	2.00	7.21	
Total Xylenes*	20.2	0.300	10/19/2020	ND	5.93	98.8	6.00	6.89	
Total BTX	29.7	0.600	10/19/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 171 % 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	10/16/2020	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	744	50.0	10/16/2020	ND	224	112	200	3.79	
DRO >C10-C28*	15600	50.0	10/16/2020	ND	216	108	200	0.591	
EXT DRO >C28-C36	3380	50.0	10/16/2020	ND					

Surrogate: 1-Chlorooctane 174 % 44.3-144

Surrogate: 1-Chlorooctadecane 580 % 42.2-156

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Analytical Results For:

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Received: 10/14/2020
 Reported: 10/20/2020
 Project Name: DIMENSIONS 6 CTB
 Project Number: (9-12-20)
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 10/13/2020
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 2 @ 1' (H002738-09)

BTX 8021B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/15/2020	ND	1.99	99.5	2.00	6.44		
Toluene*	<0.050	0.050	10/15/2020	ND	2.05	102	2.00	6.60		
Ethylbenzene*	<0.050	0.050	10/15/2020	ND	1.98	98.8	2.00	6.68		
Total Xylenes*	<0.150	0.150	10/15/2020	ND	5.73	95.5	6.00	5.65		
Total BTX	<0.300	0.300	10/15/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 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	10/16/2020	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	10/15/2020	ND	224	112	200	3.79	
DRO >C10-C28*	211	10.0	10/15/2020	ND	216	108	200	0.591	
EXT DRO >C28-C36	67.9	10.0	10/15/2020	ND					

Surrogate: 1-Chlorooctane 80.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 83.4 % 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: 10/14/2020
 Reported: 10/20/2020
 Project Name: DIMENSIONS 6 CTB
 Project Number: (9-12-20)
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 10/13/2020
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 2 @ 2' (H002738-10)

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	10/15/2020	ND	1.99	99.5	2.00	6.44		
Toluene*	<0.050	0.050	10/15/2020	ND	2.05	102	2.00	6.60		
Ethylbenzene*	<0.050	0.050	10/15/2020	ND	1.98	98.8	2.00	6.68		
Total Xylenes*	<0.150	0.150	10/15/2020	ND	5.73	95.5	6.00	5.65		
Total BTEx	<0.300	0.300	10/15/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 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	144	16.0	10/16/2020	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	10/15/2020	ND	224	112	200	3.79	
DRO >C10-C28*	80.1	10.0	10/15/2020	ND	216	108	200	0.591	
EXT DRO >C28-C36	16.1	10.0	10/15/2020	ND					

Surrogate: 1-Chlorooctane 82.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 80.8 % 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: 10/14/2020
 Reported: 10/20/2020
 Project Name: DIMENSIONS 6 CTB
 Project Number: (9-12-20)
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 10/13/2020
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 2 @ 3' (H002738-11)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/16/2020	ND	2.03	101	2.00	6.64	
Toluene*	<0.050	0.050	10/16/2020	ND	2.03	102	2.00	6.96	
Ethylbenzene*	<0.050	0.050	10/16/2020	ND	2.05	102	2.00	7.21	
Total Xylenes*	<0.150	0.150	10/16/2020	ND	5.93	98.8	6.00	6.89	
Total BTX	<0.300	0.300	10/16/2020	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	80.0	16.0	10/16/2020	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	10/15/2020	ND	224	112	200	3.79	
DRO >C10-C28*	75.4	10.0	10/15/2020	ND	216	108	200	0.591	
EXT DRO >C28-C36	12.9	10.0	10/15/2020	ND					

Surrogate: 1-Chlorooctane 84.5 % 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: 10/14/2020
 Reported: 10/20/2020
 Project Name: DIMENSIONS 6 CTB
 Project Number: (9-12-20)
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 10/13/2020
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 2 @ 4' (H002738-12)

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	10/16/2020	ND	2.03	101	2.00	6.64	
Toluene*	<0.050	0.050	10/16/2020	ND	2.03	102	2.00	6.96	
Ethylbenzene*	<0.050	0.050	10/16/2020	ND	2.05	102	2.00	7.21	
Total Xylenes*	<0.150	0.150	10/16/2020	ND	5.93	98.8	6.00	6.89	
Total BTX	<0.300	0.300	10/16/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 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	10/16/2020	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/15/2020	ND	224	112	200	3.79	
DRO >C10-C28*	25.0	10.0	10/15/2020	ND	216	108	200	0.591	
EXT DRO >C28-C36	<10.0	10.0	10/15/2020	ND					

Surrogate: 1-Chlorooctane 79.2 % 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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Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

1082

Company Name: BBC International, Inc.				BILL TO				ANALYSIS REQUEST														
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: Dimensions 6 CTB (9-12-20)				State: Zip:																		
Project Location: EDDY COUNTY, NM				Phone #:																		
Sampler Name: Simon Rendon				Fax #:																		
FOR LAB USE ONLY				MATRIX		PRESERV.		SAMPLING														
Lab I.D.	Sample I.D.	(GRAB OR C/COMP.)	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	CL	BTEX	TPH	EXT				
H802738																						
1	N @ Surface	G	I			I							10/12/20	11:50 AM	✓	✓	✓					
2	E @ Surface												10/12/20	12:08 PM	✓	✓	✓					
3	W @ Surface												10/12/20	12:20 PM	✓	✓	✓					
4	S @ Surface												10/12/20	12:34 PM	✓	✓	✓					
5	SP1 @ Surface												10/12/20	12:48 PM	✓	✓	✓					
6	SP1 @ 1'												10/12/20	1:10 PM	✓	✓	✓					
7	SP1 @ 2'												10/12/20	1:18 PM	✓	✓	✓					
8	SP2 @ Surface												10/13/20	11:05 AM	✓	✓	✓					
9	SP2 @ 1'												10/13/20	11:14 AM	✓	✓	✓					
10	SP2 @ 2'												10/13/20	11:23 AM	✓	✓	✓					

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Relinquished By:	Date: 10-14-20	Received By:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
	Time: 1:450		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS:	
	Time:			
Delivered By: (Circle One)	Sample Condition	CHECKED BY:		
Sampler - UPS - Bus - Other: -5.3°C #113	Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	(Initials) T.		

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

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

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 17408

CONDITIONS OF APPROVAL

Operator:	OXY USA INC	P.O. Box 4294	Houston, TX772104294	OGRID:	16696	Action Number:	17408	Action Type:	C-141
OCD Reviewer	Condition								
chensley	Please use closure criteria from table 1 for <50ft or less. According to the OSE, POD 03615 at a distance of 0.13miles shows depth to water at 45 ft.								