

Form C-141

State of New Mexico
Oil Conservation Division

Page 5

Incident ID	nAPP2116655071
District RP	
Facility ID	
Application ID	

Remediation Plan


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

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

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

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

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

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

OCD OnlyReceived by: Chad Hensley Date: 02/23/2022☐ Approved ☒ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral ApprovedSignature:  Date: 02/23/2022



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 – PRIZE FED 13 (Leak Date: 6/5/21)

Incident Reference #: NAPP2116655071

This delineation workplan and remediation proposal addresses the releases associated with Incident Reference #: NAPP2116655071.

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 and SP3 (YELLOW shade on diagram) will be excavated to a depth of 5 feet. The leak area near SP2 (WHITE shade on diagram) will be excavated to a depth of 1 foot.

OXY will collect sidewall and bottom confirmation samples every 200 square feet. The estimated amount of soil to be excavated is 522 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.

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Oil Conservation Division

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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?	370 (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 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.


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Oil Conservation Division

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

OCD Only

Received by: _____ Date: _____

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Oil Conservation Division

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

OCD Only

Received by: _____ Date: _____

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

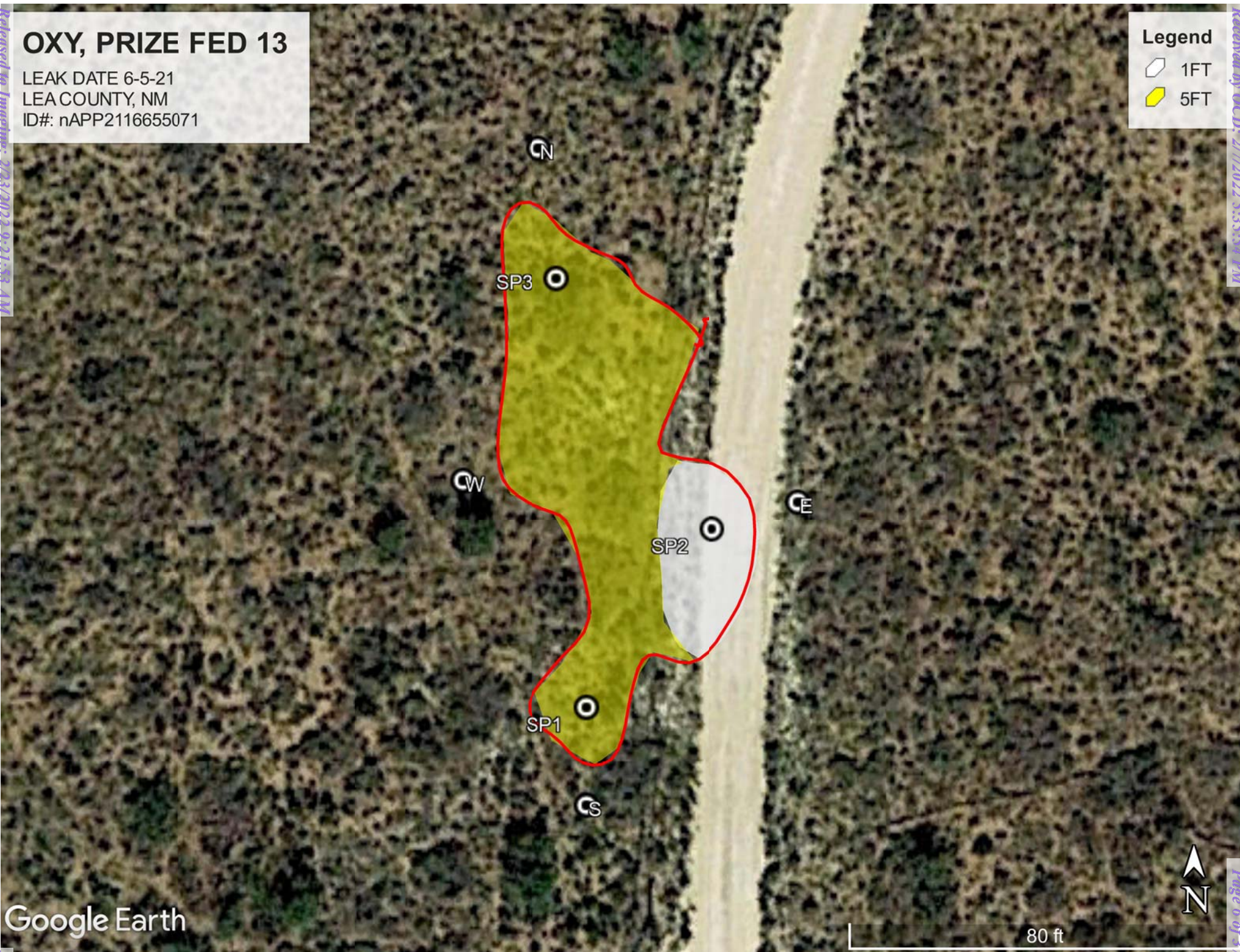
Signature: _____ Date: _____

OXY, PRIZE FED 13

LEAK DATE 6-5-21
LEA COUNTY, NM
ID#: nAPP2116655071

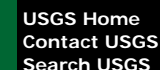
Legend

- 1FT
- 5FT



SAMPLE POINT NOTES


NORTH	N 32.368678°	W-103.657290°
EAST	N 32.368480°	W-103.657118°
SOUTH	N 32.368310°	W-103.657258°
WEST	N 32.368492°	W-103.657340°
SP 1	N 32.368365°	W-103.657258°
SP 2	N 32.368465°	W-103.657175°
SP 3	N 32.368605°	W-103.657278°



USGS Water Resources

Geographic Area:
New Mexico

[illegible]

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

Click to hide state-specific text

Search Results -- 1 sites found

```
site_no list =
```

- 322314103383601

Minimum number of levels = 1

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

Lea County, New Mexico

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

Land-surface elevation 3,740 feet above NAVD88

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

This well is completed in the Other aquifers (N99990OTHER) national aquifer.

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

Table of data

Tab-separated data

Graph of data

Reselect period

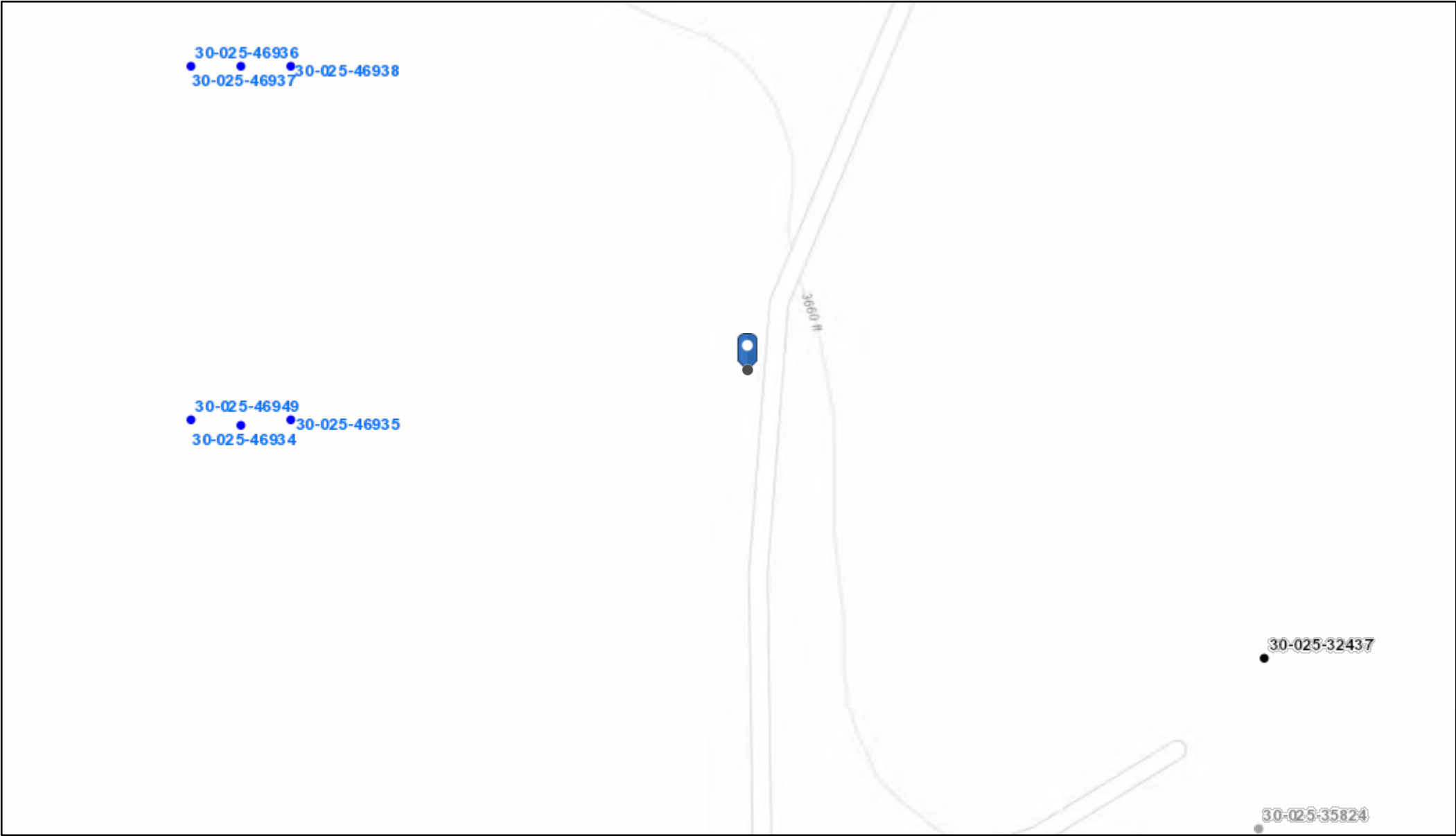
Date	Time	² Water-level date-time accuracy	² Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	² Status	² Method of measurement	² Measuring agency	² Source of measurement	² Water-level approval status
1972-09-13		D	62610		3367.92	NGVD29	1	Z			A
1972-09-13		D	62611		3369.60	NAVD88	1	Z			A
1972-09-13		D	72019	370.40			1	Z			A

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

Questions about sites/data?
Feedback on this web site
Automated retrievals
Help

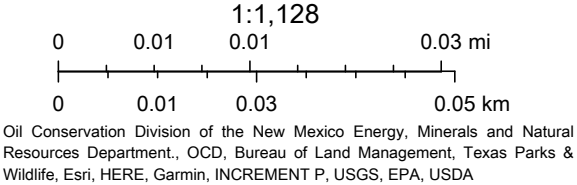
Data Tips
Explanation of terms
Subscribe for system changes
News

OXY-PRIZE FED 13 (6-5-21)



6/11/2021, 11:03:27 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 | |





Oxy Prize Fed 13

Leak Date: 6-5-21

Lea County, NM

BLM CAVE KARST MAP

Legend

-  leak area
-  Low



National Flood Hazard Layer FIRMette



103°39'45"W 32°22'22"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 Zone X
		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 Zone D
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
		Levee, Dike, or Floodwall
OTHER FEATURES		Cross Sections with 1% Annual Chance Water Surface Elevation
		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 6/11/2021 at 1:06 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

		Sample ID	SP N @ SURFACE	SP E @ SURFACE	SP W @ SURFACE	SP S @ SURFACE
Analyte	Method	Date	6/15/21	6/15/21	6/15/21	6/15/21
			mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		16.0	48.0	48.0	<16.0
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		10.4	<10.0	<10.0	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0

		Sample ID	SP 1 @ SURFACE	SP 1 @ 1'	SP 1 @ 2'	SP 1 @ 3'	SP 1 @ 4'	SP 1 @ 5'	SP 1 @ 6'	SP 1 @ 7'	SP 1 @ 8'	SP 1 @ 9'
Analyte	Method	Date	6/15/21	6/15/21	6/15/21	6/15/21	6/16/21	6/16/21	6/16/21	6/16/21	6/16/21	6/16/21
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	N/A	N/A	N/A	N/A
Toluene	BTEX 8021B		0.059	<0.050	<0.050	<0.050	<0.050	<0.050	N/A	N/A	N/A	N/A
Ethylbenzene	BTEX 8021B		0.165	<0.050	<0.050	<0.050	<0.050	<0.050	N/A	N/A	N/A	N/A
Total Xylenes	BTEX 8021B		0.724	<0.150	<0.150	<0.150	<0.150	<0.150	N/A	N/A	N/A	N/A
Total BTEX	BTEX 8021B		0.948	<0.300	<0.300	<0.300	<0.300	<0.300	N/A	N/A	N/A	N/A
Chloride	SM4500Cl-B		16800	11400	17800	17800	18200	16000	4720	144	112	112
GRO	TPH 8015M		573	<10.0	<10.0	<10.0	<10.0	<10.0	N/A	N/A	N/A	N/A
DRO	TPH 8015M		16500	79.2	<10.0	<10.0	22.2	<10.0	N/A	N/A	N/A	N/A
EXT DRO	TPH 8015M		3050	29.4	<10.0	<10.0	<10.0	<10.0	N/A	N/A	N/A	N/A

		Sample ID	SP 2 @ SURFACE	SP 2 @ 1'	SP 2 @ 2'	SP 2 @ 3'
Analyte	Method	Date	6/15/21	6/15/21	6/15/21	6/15/21
			mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	N/A	N/A
Toluene	BTEX 8021B		<0.050	<0.050	N/A	N/A
Ethylbenzene	BTEX 8021B		<0.050	<0.050	N/A	N/A
Total Xylenes	BTEX 8021B		0.363	<0.150	N/A	N/A
Total BTEX	BTEX 8021B		0.363	<0.300	N/A	N/A
Chloride	SM4500Cl-B		16400	64.0	64.0	64.0
GRO	TPH 8015M		58.1	<10.0	N/A	N/A
DRO	TPH 8015M		5220	<10.0	N/A	N/A
EXT DRO	TPH 8015M		1250	<10.0	N/A	N/A

		Sample ID	SP 3 @ SURFACE	SP 3 @ 1'	SP 3 @ 2'	SP 3 @ 3'	SP 3 @ 4'	SP 3 @ 5'	SP 3 @ 6'	SP 3 @ 7'
Analyte	Method	Date	6/15/21	6/15/21	6/15/21	6/16/21	6/16/21	6/16/21	6/16/21	6/16/21
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	N/A	N/A	N/A	N/A	N/A	N/A
Toluene	BTEX 8021B		<0.050	<0.050	N/A	N/A	N/A	N/A	N/A	N/A
Ethylbenzene	BTEX 8021B		<0.050	<0.050	N/A	N/A	N/A	N/A	N/A	N/A
Total Xylenes	BTEX 8021B		<0.150	<0.150	N/A	N/A	N/A	N/A	N/A	N/A
Total BTEX	BTEX 8021B		<0.300	<0.300	N/A	N/A	N/A	N/A	N/A	N/A
Chloride	SM4500Cl-B		65600	10600	16200	15200	12800	432	48.0	32.0
GRO	TPH 8015M		<10.0	<10.0	N/A	N/A	N/A	N/A	N/A	N/A
DRO	TPH 8015M		893	<10.0	N/A	N/A	N/A	N/A	N/A	N/A
EXT DRO	TPH 8015M		520	<10.0	N/A	N/A	N/A	N/A	N/A	N/A



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

June 28, 2021

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: PRIZE FED #13

Enclosed are the results of analyses for samples received by the laboratory on 06/22/21 16:00.

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:	06/22/2021	Sampling Date:	06/15/2021
Reported:	06/28/2021	Sampling Type:	Soil
Project Name:	PRIZE FED #13	Sampling Condition:	Cool & Intact
Project Number:	(6-5-21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY -		

Sample ID: SP N @ SURFACE (H211621-01)

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	06/23/2021	ND	1.95	97.3	2.00	4.01	
Toluene*	<0.050	0.050	06/23/2021	ND	2.06	103	2.00	0.763	
Ethylbenzene*	<0.050	0.050	06/23/2021	ND	1.98	98.8	2.00	0.106	
Total Xylenes*	<0.150	0.150	06/23/2021	ND	5.94	99.0	6.00	0.320	
Total BTEX	<0.300	0.300	06/23/2021	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/24/2021	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2021	ND	168	84.1	200	23.0	
DRO >C10-C28*	10.4	10.0	06/23/2021	ND	186	92.9	200	23.2	
EXT DRO >C28-C36	<10.0	10.0	06/23/2021	ND					

Surrogate: 1-Chlorooctane 108 % 44.3-133

Surrogate: 1-Chlorooctadecane 124 % 38.9-142

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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: 06/22/2021
 Reported: 06/28/2021
 Project Name: PRIZE FED #13
 Project Number: (6-5-21)
 Project Location: OXY -

Sampling Date: 06/15/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP E @ SURFACE (H211621-02)

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	06/23/2021	ND	1.95	97.3	2.00	4.01		
Toluene*	<0.050	0.050	06/23/2021	ND	2.06	103	2.00	0.763		
Ethylbenzene*	<0.050	0.050	06/23/2021	ND	1.98	98.8	2.00	0.106		
Total Xylenes*	<0.150	0.150	06/23/2021	ND	5.94	99.0	6.00	0.320		
Total BTX	<0.300	0.300	06/23/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/24/2021	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2021	ND	168	84.1	200	23.0	
DRO >C10-C28*	<10.0	10.0	06/23/2021	ND	186	92.9	200	23.2	
EXT DRO >C28-C36	<10.0	10.0	06/23/2021	ND					

Surrogate: 1-Chlorooctane 98.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 111 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/22/2021
 Reported: 06/28/2021
 Project Name: PRIZE FED #13
 Project Number: (6-5-21)
 Project Location: OXY -

Sampling Date: 06/15/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP W @ SURFACE (H211621-03)

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	06/23/2021	ND	1.95	97.3	2.00	4.01		
Toluene*	<0.050	0.050	06/23/2021	ND	2.06	103	2.00	0.763		
Ethylbenzene*	<0.050	0.050	06/23/2021	ND	1.98	98.8	2.00	0.106		
Total Xylenes*	<0.150	0.150	06/23/2021	ND	5.94	99.0	6.00	0.320		
Total BTX	<0.300	0.300	06/23/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/24/2021	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2021	ND	168	84.1	200	23.0	
DRO >C10-C28*	<10.0	10.0	06/23/2021	ND	186	92.9	200	23.2	
EXT DRO >C28-C36	<10.0	10.0	06/23/2021	ND					

Surrogate: 1-Chlorooctane 110 % 44.3-133

Surrogate: 1-Chlorooctadecane 128 % 38.9-142

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Analytical Results For:

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

Received: 06/22/2021
 Reported: 06/28/2021
 Project Name: PRIZE FED #13
 Project Number: (6-5-21)
 Project Location: OXY -

Sampling Date: 06/15/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP S @ SURFACE (H211621-04)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/23/2021	ND	1.95	97.3	2.00	4.01		
Toluene*	<0.050	0.050	06/23/2021	ND	2.06	103	2.00	0.763		
Ethylbenzene*	<0.050	0.050	06/23/2021	ND	1.98	98.8	2.00	0.106		
Total Xylenes*	<0.150	0.150	06/23/2021	ND	5.94	99.0	6.00	0.320		
Total BTX	<0.300	0.300	06/23/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/24/2021	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2021	ND	168	84.1	200	23.0	
DRO >C10-C28*	<10.0	10.0	06/23/2021	ND	186	92.9	200	23.2	
EXT DRO >C28-C36	<10.0	10.0	06/23/2021	ND					

Surrogate: 1-Chlorooctane 101 % 44.3-133

Surrogate: 1-Chlorooctadecane 117 % 38.9-142

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Analytical Results For:

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

Received: 06/22/2021
 Reported: 06/28/2021
 Project Name: PRIZE FED #13
 Project Number: (6-5-21)
 Project Location: OXY -

Sampling Date: 06/15/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 1 @ SURFACE (H211621-05)

BTX 8021B		mg/kg	Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/24/2021	ND	1.95	97.3	2.00	4.01	
Toluene*	0.059	0.050	06/24/2021	ND	2.06	103	2.00	0.763	
Ethylbenzene*	0.165	0.050	06/24/2021	ND	1.98	98.8	2.00	0.106	
Total Xylenes*	0.724	0.150	06/24/2021	ND	5.94	99.0	6.00	0.320	
Total BTX	0.948	0.300	06/24/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 193 % 69.9-140

Chloride, SM4500CI-B		mg/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16800	16.0	06/24/2021	ND	432	108	400	0.00	

TPH 8015M		mg/kg	Analyzed By: MS					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	573	50.0	06/23/2021	ND	168	84.1	200	23.0	
DRO >C10-C28*	16500	50.0	06/23/2021	ND	186	92.9	200	23.2	
EXT DRO >C28-C36	3050	50.0	06/23/2021	ND					

Surrogate: 1-Chlorooctane 206 % 44.3-133

Surrogate: 1-Chlorooctadecane 664 % 38.9-142

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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 06/22/2021
 Reported: 06/28/2021
 Project Name: PRIZE FED #13
 Project Number: (6-5-21)
 Project Location: OXY -

Sampling Date: 06/15/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 1 @ 1' (H211621-06)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/23/2021	ND	1.95	97.3	2.00	4.01		
Toluene*	<0.050	0.050	06/23/2021	ND	2.06	103	2.00	0.763		
Ethylbenzene*	<0.050	0.050	06/23/2021	ND	1.98	98.8	2.00	0.106		
Total Xylenes*	<0.150	0.150	06/23/2021	ND	5.94	99.0	6.00	0.320		
Total BTX	<0.300	0.300	06/23/2021	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11400	16.0	06/24/2021	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2021	ND	168	84.1	200	23.0	
DRO >C10-C28*	79.2	10.0	06/23/2021	ND	186	92.9	200	23.2	
EXT DRO >C28-C36	29.4	10.0	06/23/2021	ND					

Surrogate: 1-Chlorooctane 109 % 44.3-133

Surrogate: 1-Chlorooctadecane 132 % 38.9-142

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Received: 06/22/2021
 Reported: 06/28/2021
 Project Name: PRIZE FED #13
 Project Number: (6-5-21)
 Project Location: OXY -

Sampling Date: 06/15/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 1 @ 2' (H211621-07)

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	06/23/2021	ND	1.95	97.3	2.00	4.01		
Toluene*	<0.050	0.050	06/23/2021	ND	2.06	103	2.00	0.763		
Ethylbenzene*	<0.050	0.050	06/23/2021	ND	1.98	98.8	2.00	0.106		
Total Xylenes*	<0.150	0.150	06/23/2021	ND	5.94	99.0	6.00	0.320		
Total BTX	<0.300	0.300	06/23/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	17800	16.0	06/24/2021	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2021	ND	168	84.1	200	23.0	
DRO >C10-C28*	<10.0	10.0	06/23/2021	ND	186	92.9	200	23.2	
EXT DRO >C28-C36	<10.0	10.0	06/23/2021	ND					

Surrogate: 1-Chlorooctane 96.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 111 % 38.9-142

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Analytical Results For:

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Received: 06/22/2021
 Reported: 06/28/2021
 Project Name: PRIZE FED #13
 Project Number: (6-5-21)
 Project Location: OXY -

Sampling Date: 06/15/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 1 @ 3' (H211621-08)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/23/2021	ND	1.95	97.3	2.00	4.01		
Toluene*	<0.050	0.050	06/23/2021	ND	2.06	103	2.00	0.763		
Ethylbenzene*	<0.050	0.050	06/23/2021	ND	1.98	98.8	2.00	0.106		
Total Xylenes*	<0.150	0.150	06/23/2021	ND	5.94	99.0	6.00	0.320		
Total BTX	<0.300	0.300	06/23/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	17800	16.0	06/24/2021	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2021	ND	168	84.1	200	23.0	
DRO >C10-C28*	<10.0	10.0	06/23/2021	ND	186	92.9	200	23.2	
EXT DRO >C28-C36	<10.0	10.0	06/23/2021	ND					

Surrogate: 1-Chlorooctane 106 % 44.3-133

Surrogate: 1-Chlorooctadecane 122 % 38.9-142

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Analytical Results For:

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Received: 06/22/2021
 Reported: 06/28/2021
 Project Name: PRIZE FED #13
 Project Number: (6-5-21)
 Project Location: OXY -

Sampling Date: 06/15/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 1 @ 4' (H211621-09)

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	06/23/2021	ND	1.95	97.3	2.00	4.01		
Toluene*	<0.050	0.050	06/23/2021	ND	2.06	103	2.00	0.763		
Ethylbenzene*	<0.050	0.050	06/23/2021	ND	1.98	98.8	2.00	0.106		
Total Xylenes*	<0.150	0.150	06/23/2021	ND	5.94	99.0	6.00	0.320		
Total BTX	<0.300	0.300	06/23/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	18200	16.0	06/24/2021	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2021	ND	168	84.1	200	23.0	
DRO >C10-C28*	22.2	10.0	06/23/2021	ND	186	92.9	200	23.2	
EXT DRO >C28-C36	<10.0	10.0	06/23/2021	ND					

Surrogate: 1-Chlorooctane 104 % 44.3-133

Surrogate: 1-Chlorooctadecane 122 % 38.9-142

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Analytical Results For:

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 Cliff Brunson
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Received: 06/22/2021
 Reported: 06/28/2021
 Project Name: PRIZE FED #13
 Project Number: (6-5-21)
 Project Location: OXY -

Sampling Date: 06/16/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 1 @ 5' (H211621-10)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/23/2021	ND	1.95	97.3	2.00	4.01		
Toluene*	<0.050	0.050	06/23/2021	ND	2.06	103	2.00	0.763		
Ethylbenzene*	<0.050	0.050	06/23/2021	ND	1.98	98.8	2.00	0.106		
Total Xylenes*	<0.150	0.150	06/23/2021	ND	5.94	99.0	6.00	0.320		
Total BTX	<0.300	0.300	06/23/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16000	16.0	06/24/2021	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2021	ND	168	84.1	200	23.0	
DRO >C10-C28*	<10.0	10.0	06/23/2021	ND	186	92.9	200	23.2	
EXT DRO >C28-C36	<10.0	10.0	06/23/2021	ND					

Surrogate: 1-Chlorooctane 105 % 44.3-133

Surrogate: 1-Chlorooctadecane 122 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/22/2021	Sampling Date:	06/16/2021
Reported:	06/28/2021	Sampling Type:	Soil
Project Name:	PRIZE FED #13	Sampling Condition:	Cool & Intact
Project Number:	(6-5-21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY -		

Sample ID: SP 1 @ 6' (H211621-11)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4720	16.0	06/24/2021	ND	432	108	400	0.00		

Sample ID: SP 1 @ 7' (H211621-12)

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	06/24/2021	ND	432	108	400	0.00	

Sample ID: SP 1 @ 8' (H211621-13)

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	06/24/2021	ND	432	108	400	0.00		

Sample ID: SP 1 @ 9' (H211621-14)

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	06/24/2021	ND	432	108	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: 06/22/2021
 Reported: 06/28/2021
 Project Name: PRIZE FED #13
 Project Number: (6-5-21)
 Project Location: OXY -

Sampling Date: 06/15/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 2 @ SURFACE (H211621-15)

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	06/23/2021	ND	1.95	97.3	2.00	4.01		
Toluene*	<0.050	0.050	06/23/2021	ND	2.06	103	2.00	0.763		
Ethylbenzene*	<0.050	0.050	06/23/2021	ND	1.98	98.8	2.00	0.106		
Total Xylenes*	0.363	0.150	06/23/2021	ND	5.94	99.0	6.00	0.320		
Total BTEx	0.363	0.300	06/23/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 124 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16400	16.0	06/24/2021	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	58.1	50.0	06/24/2021	ND	168	84.1	200	23.0	
DRO >C10-C28*	5220	50.0	06/24/2021	ND	186	92.9	200	23.2	
EXT DRO >C28-C36	1250	50.0	06/24/2021	ND					

Surrogate: 1-Chlorooctane 117 % 44.3-133

Surrogate: 1-Chlorooctadecane 333 % 38.9-142

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Analytical Results For:

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

Received: 06/22/2021
 Reported: 06/28/2021
 Project Name: PRIZE FED #13
 Project Number: (6-5-21)
 Project Location: OXY -

Sampling Date: 06/15/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 2 @ 1' (H211621-16)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/23/2021	ND	1.95	97.3	2.00	4.01		
Toluene*	<0.050	0.050	06/23/2021	ND	2.06	103	2.00	0.763		
Ethylbenzene*	<0.050	0.050	06/23/2021	ND	1.98	98.8	2.00	0.106		
Total Xylenes*	<0.150	0.150	06/23/2021	ND	5.94	99.0	6.00	0.320		
Total BTX	<0.300	0.300	06/23/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	06/24/2021	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2021	ND	207	104	200	0.370	
DRO >C10-C28*	<10.0	10.0	06/23/2021	ND	226	113	200	1.77	
EXT DRO >C28-C36	<10.0	10.0	06/23/2021	ND					

Surrogate: 1-Chlorooctane 106 % 44.3-133

Surrogate: 1-Chlorooctadecane 106 % 38.9-142

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Analytical Results For:

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

Received: 06/22/2021
 Reported: 06/28/2021
 Project Name: PRIZE FED #13
 Project Number: (6-5-21)
 Project Location: OXY -

Sampling Date: 06/15/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 2 @ 2' (H211621-17)

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	06/24/2021	ND	432	108	400	0.00		

Sample ID: SP 2 @ 3' (H211621-18)

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	06/24/2021	ND	432	108	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: 06/22/2021
 Reported: 06/28/2021
 Project Name: PRIZE FED #13
 Project Number: (6-5-21)
 Project Location: OXY -

Sampling Date: 06/15/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 3 @ SURFACE (H211621-19)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/23/2021	ND	1.95	97.3	2.00	4.01		
Toluene*	<0.050	0.050	06/23/2021	ND	2.06	103	2.00	0.763		
Ethylbenzene*	<0.050	0.050	06/23/2021	ND	1.98	98.8	2.00	0.106		
Total Xylenes*	<0.150	0.150	06/23/2021	ND	5.94	99.0	6.00	0.320		
Total BTX	<0.300	0.300	06/23/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	65600	16.0	06/24/2021	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2021	ND	207	104	200	0.370	
DRO >C10-C28*	893	10.0	06/23/2021	ND	226	113	200	1.77	
EXT DRO >C28-C36	520	10.0	06/23/2021	ND					

Surrogate: 1-Chlorooctane 106 % 44.3-133

Surrogate: 1-Chlorooctadecane 129 % 38.9-142

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Analytical Results For:

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

Received: 06/22/2021
 Reported: 06/28/2021
 Project Name: PRIZE FED #13
 Project Number: (6-5-21)
 Project Location: OXY -

Sampling Date: 06/15/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 3 @ 1' (H211621-20)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2021	ND	2.06	103	2.00	3.32	
Toluene*	<0.050	0.050	06/23/2021	ND	1.99	99.6	2.00	3.55	
Ethylbenzene*	<0.050	0.050	06/23/2021	ND	1.91	95.6	2.00	3.65	
Total Xylenes*	<0.150	0.150	06/23/2021	ND	5.80	96.6	6.00	3.67	
Total BTEx	<0.300	0.300	06/23/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	10600	16.0	06/24/2021	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2021	ND	207	104	200	0.370	
DRO >C10-C28*	<10.0	10.0	06/24/2021	ND	226	113	200	1.77	
EXT DRO >C28-C36	<10.0	10.0	06/24/2021	ND					

Surrogate: 1-Chlorooctane 108 % 44.3-133

Surrogate: 1-Chlorooctadecane 111 % 38.9-142

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Analytical Results For:

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

Received: 06/22/2021
 Reported: 06/28/2021
 Project Name: PRIZE FED #13
 Project Number: (6-5-21)
 Project Location: OXY -

Sampling Date: 06/15/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 3 @ 2' (H211621-21)

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16200	16.0	06/24/2021	ND	432	108	400	0.00		

Sample ID: SP 3 @ 3' (H211621-22)

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	15200	16.0	06/24/2021	ND	432	108	400	0.00	

Sample ID: SP 3 @ 4' (H211621-23)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	12800	16.0	06/24/2021	ND	432	108	400	0.00		

Sample ID: SP 3 @ 5' (H211621-24)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	06/24/2021	ND	432	108	400	0.00	

Sample ID: SP 3 @ 6' (H211621-25)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/24/2021	ND	432	108	400	0.00		

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/22/2021
 Reported: 06/28/2021
 Project Name: PRIZE FED #13
 Project Number: (6-5-21)
 Project Location: OXY -

Sampling Date: 06/16/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 3 @ 7' (H211621-26)**Chloride, SM4500Cl-B****mg/kg****Analyzed By: GM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/24/2021	ND	432	108	400	0.00	

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Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-04	The RPD for the BS/BSD was outside of historical limits.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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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**CARDINAL LABORATORIES**
 101 East Marland, Hobbs, NM 88240
 (505) 393-2326 FAX (505) 393-2476
CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs Phone #: 575-397-6388 Project #: Project Name: PRIZE FED 13 (6-5-21) Project Location:				P.O. #: Company: OXY Attn: WADE Address: City: State: Zip: Phone #: Fax #:			
BILL TO				ANALYSIS REQUEST			
FOR LAB USE ONLY							
Sample Name: SIMON RENDON		Matrix:		Preserv:		Sampling:	
Lab I.D.		Sample I.D.		DATE		TIME	
#211621		SP N @ SURFACE		6-15-21		9-12	
1		SP E @ SURFACE		6-15-21		9-20	
2		SP W @ SURFACE		6-15-21		9-30	
3		SP S @ SURFACE		6-15-21		9-42	
4		SP 1 @ SURFACE		6-15-21		10-02	
5		SP 1 @ 1'		6-15-21		10-14	
6		SP 1 @ 2'		6-15-21		10-26	
7		SP 1 @ 3'		6-15-21		10-47	
8		SP 1 @ 4'		6-15-21		11-12	
9		SP 1 @ 5'		6-16-21		9-35	
10							
		(G)RAB OR (C)OMP.		# CONTAINERS		CL	
		GROUNDWATER		WASTEWATER		BTEX	
		SOIL		OIL		TPH EXT	
		SLUDGE		OTHER :			
		ACID/BASE:		ICE / COOL			
		OTHER :					

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Relinquished By:

Date: 6-22-21

Time: 1600

Received By: [Signature]

Phone Result: [] Yes [] No

Fax Result: [] Yes [] No

Add'l Phone #: []

Add'l Fax #: []

Relinquished By:

Date:

Time:

Received By:

Phone Result: [] Yes [] No

Fax Result: [] Yes [] No

Add'l Phone #: []

Add'l Fax #: []

Delivered By: (Circle One)

Date:

Time:

Received By:

Phone Result: [] Yes [] No

Fax Result: [] Yes [] No

Add'l Phone #: []

Add'l Fax #: []

Sampler - UPS - Bus - Other:

Date:

Time:

Received By:

Phone Result: [] Yes [] No

Fax Result: [] Yes [] No

Add'l Phone #: []

Add'l Fax #: []

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



CARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs State: NM Zip: 88241 Phone #: 575-397-6388 Fax #: 575-397-0397 Project #: Project Owner: Oxy Project Name: PRIZE FED 13 (6-5-21) Project Location: Sampler Name: SIMON RENDON				BILL TO P.O. #: Company: OXY Attn: WADE Address: City: State: Zip: Phone #: Fax #:				ANALYSIS REQUEST			
Lab I.D. Sample I.D.		(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :		MATRIX PRESERV.		SAMPLING					
11 SP1 @ 6' 12 SP1 @ 7' 13 SP1 @ 8' 14 SP1 @ 9' 15 SP2 @ SURFACE 16 SP2 @ 1' 17 SP2 @ 2' 18 SP2 @ 3' 19 SP3 @ SURFACE 20 SP3 @ 1'		DATE TIME		CL BTEX TPH EXT							
6-16-21 9:54 6-16-21 10:18 6-16-21 10:40 6-16-21 10:57 6-15-21 11:25 6-15-21 11:50 6-15-21 12:48 6-15-21 1:09 6-15-21 1:22 6-15-21 1:34		✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓									
Relinquished By: [Signature] Date: 6-23-21 Time: 1:00 Received By: [Signature] Date: 6-23-21 Time:		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:							
Relinquished By: [Signature] Date: 6-23-21 Time: 1:00 Received By: [Signature] Date: 6-23-21 Time:		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:							
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Sample Condition Cool <input type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Checked By: (Initials) [Signature]		REMARKS:							



CARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

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 79328

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 79328
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
chensley	The depth to groundwater has not been adequately determined. When nearby wells are used to determine depth to groundwater, the wells should be no further than ½ mile away from the site, and data should be no more than 25 years old, and well construction information should be provided in the submission. The responsible party may choose to remediate to the most stringent levels listed in Table 1 of 19.15.29 NMAC in lieu of drilling to determine the depth to groundwater.	2/23/2022
chensley	Closure report due 05/23/2022	2/23/2022