



## DELINEATION WORKPLAN

### OXY – CORRAL FLY 35 26 FED COM #23H (Leak Date: 8/21/18)

#### RP # 2RP-4961

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This delineation workplan and remediation proposal addresses the releases associated with RP # 2RP-4961.

The following information includes:

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

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

***OXY will excavate the spill area as depicted on the following site diagram. The entire leak area (BLUE shade on diagram) will be excavated to a depth of 2 feet.***

***Bottom confirmation samples will be collected at no greater than 50 ft. intervals. Estimated volume of material to be removed is 329 cubic yards. The remediation will be completed within 90 days of plan 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.

Incident ID	
District RP	2RP-4961
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?	98 (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 checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

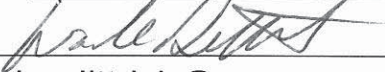
- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☐ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within 1/2-mile 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.

State of New Mexico  
Oil Conservation Division

Incident ID	
District RP	2RP-4961
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 DittrichTitle: Environmental CoordinatorSignature: Date: 2-19-19email: wade\_dittrich@oxy.comTelephone: (575) 390-2828**OCD Only**

Received by: \_\_\_\_\_

Date: \_\_\_\_\_



Incident ID	
District RP	2RP-4961
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: 2-19-19  
email: wade\_dittrich@oxy.com Telephone: (575) 390-2828

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

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





Signature: \_\_\_\_\_ Date: \_\_\_\_\_



# Oxy, Corral Fly 35 26 Fed Com #23H

Leak date: 8/21/18  
Eddy County, NM  
API# 30-015-44704  
2RP-4961

## Legend

-  2 ft Excavation across entire leak area
-  Sample points
-  Leak area
-  Location pad



Google Earth

© 2018 Google



100 ft



# Oxy Corral Fly 35 26 Fed Com # 23H



Leak date: 8/21/18

Eddy County, NM

2RP-4961

Aerial drone picture taken 2/12/19 to verify leak is on a new location that does not exist in the current Google Earth Image

## Legend

-  24-AUG-18
-  ACTIVE LOG 001

Google Earth

200 ft





Oxy, Corral Fly 35 26 Fed Com #23H

Sample points

SP1, N 32.16492 W-103.95876

SP2, N 32.16488 W-103.95889

SP3, N 32.16497 W-103.95891

NORTH, N 32.16502 W-103.95883

SOUTH, N 32.16484 W-103.95894

EAST, N 32.16490 W-103.95868

WEST, N 32.16499 W-103.95900

**Oxy, Corral Fly 35 26 Fed Com #23H**

**U/L C, Section 2, T25S, R29E**

**Groundwater: 125'**







USGS Home  
Contact USGS  
Search USGS

## National Water Information System: Web Interface

[USGS Water Resources](#)

Data Category:

Groundwater

Geographic Area:

New Mexico

GO

Click to hideNews Bulletins

- [Please see news on new formats](#)
- [Full News](#) 

Groundwater levels for New Mexico

Click to hide state-specific text

### Search Results -- 1 sites found

Agency code = usgs

site\_no list =

- 320956103574301

Minimum number of levels = 1

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

### USGS 320956103574301 25S.29E.02.11111

Eddy County, New Mexico

Latitude 32°09'56", Longitude 103°57'43" NAD27

Land-surface elevation 3,000 feet above NAVD88

The depth of the well is 140 feet below land surface.

This well is completed in the Rustler Formation (312RSLR) local aquifer.

#### Output formats

<a href="#">Table of data</a>
<a href="#">Tab-separated data</a>
<a href="#">Graph of data</a>
<a href="#">Reselect period</a>

Date	Time	? Water-level date-time accuracy	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Water-level accuracy	? Status	? Method of measurement	? Measuring agency	? Source of measurement
1958-10-23		D	98.10			2		U		

#### 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	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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[Help](#)

[Data Tips](#)

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**Title: Groundwater for New Mexico: Water Levels**

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



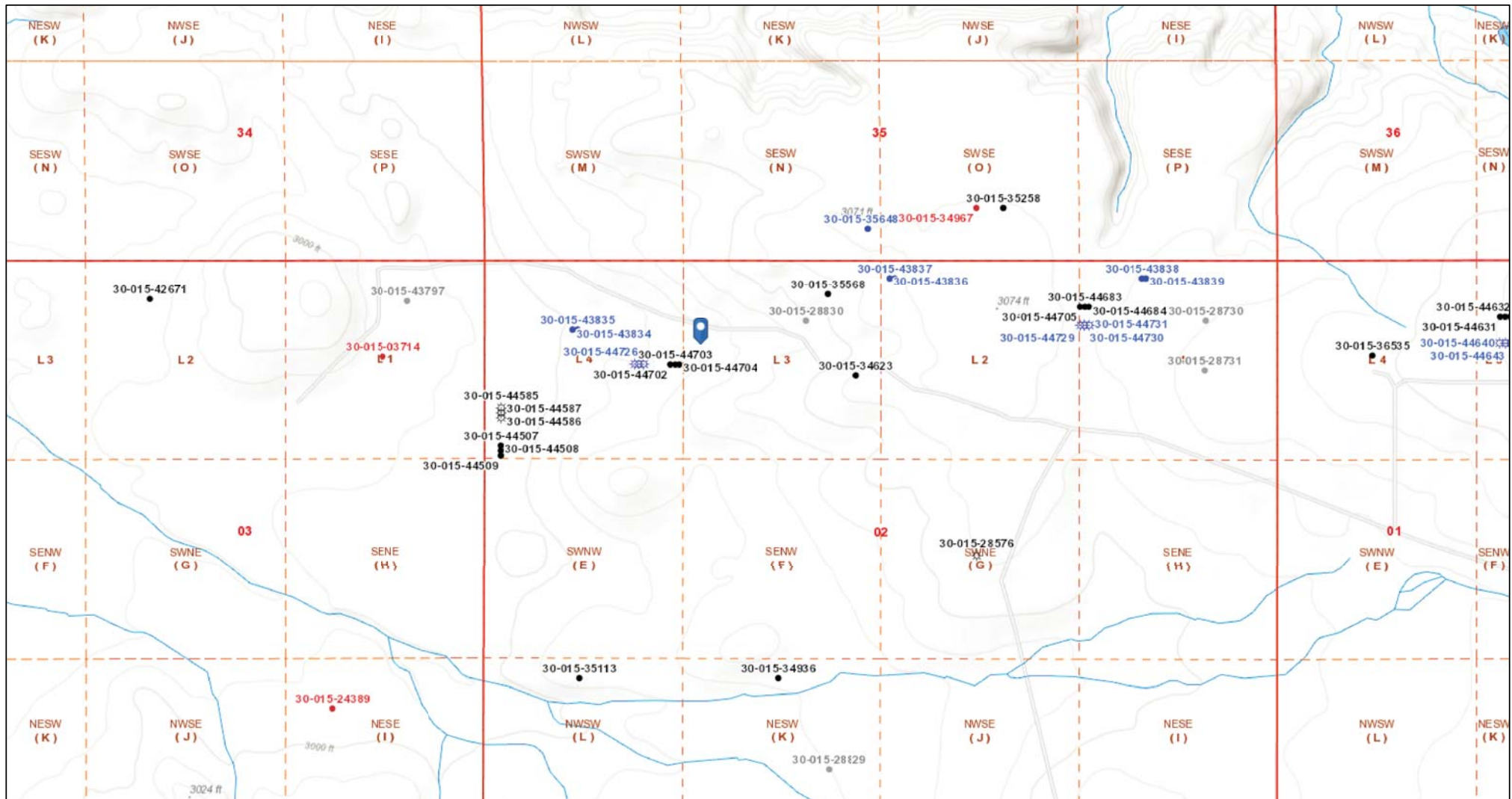
Page Contact Information: [New Mexico Water Data Maintainer](#)

Page Last Modified: 2019-02-06 17:26:59 EST

35.09 0.43 nadww01

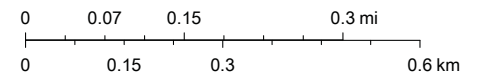


# Corral Fly 35 26 Fed Com #23H, Topo Map with Water Features



2/6/2019 4:13:21 PM

1:9,028



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



NM OCD Oil and Gas Map. <http://nm-emnrd.maps.arcgis.com/apps/webappviewer/>; New Mexico Oil Conservation Division

# Oxy, Corral Fly 35 26 Fed Com #23H

Leak date: 8/21/18  
Eddy County, NM  
API# 30-015-44704

## BLM CAVE KARST MAP

### Legend

-  Leak area
-  Medium potential

D

Google Earth

© 2018 Google



1000 ft



# National Flood Hazard Layer FIRMette



## 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
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect 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 **2/6/2019 at 6:27:23 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.



USGS The National Map: Orthoimagery. Data refreshed October, 2017.

0 250 500 1,000 1,500 2,000 Feet 1:6,000

32°9'38.81"N

32°10'9.26"N

103°57'51.16"W

103°57'13.71"W

Laboratory Analytical Results Summary  
Corral Fly 35 26 Fed Com #23H (8/21/18)

		Sample ID	SP1 @ SURFACE	SP1 @ 1'	SP1 @ 2'	SP1 @ 3'	SP1 @ 4'	SP1 @ 5'
Analyte	Method	Date	2/7/19	2/7/19	2/7/19	2/7/19	2/7/19	2/7/19
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		0.062	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		0.825	0.099	<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		0.489	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		2.67	2.94	<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		4.05	3.04	<0.300	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		528	176	336	304	16	304
GRO	TPH 8015M		104	102	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		24300	2010	153	137	<10.0	29.4
EXT DRO	TPH 8015M		4150	280	39	20.2	<10.0	<10.0

		Sample ID	SP2 @ SURFACE	SP2 @ 1'	SP2 @ 2'	SP2 @ 3'	SP2 @ 4'	SP2 @ 5'
Analyte	Method	Date	2/7/19	2/7/19	2/7/19	2/7/19	2/7/19	2/8/19
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		0.754	0.087	<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		0.471	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		2.51	2.7	<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		3.73	2.79	<0.300	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		1000	144	272	304	80	32
GRO	TPH 8015M		<100	113	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		21000	1730	83.1	97.9	<10.0	<10.0
EXT DRO	TPH 8015M		4410	232	12.7	13.9	<10.0	<10.0

		Sample ID	SP3 @ SURFACE	SP3 @ 1'	SP3 @ 2'	SP3 @ 3'	SP3 @ 4'	SP3 @ 5'
Analyte	Method	Date	2/8/19	2/8/19	2/8/19	2/8/19	2/8/19	2/8/19
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		0.05	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		0.757	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		0.531	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		3	1.32	0.671	0.524	<0.150	<0.150
Total BTEX	BTEX 8021B		4.34	1.32	0.671	0.524	<0.300	<0.300
Chloride	SM4500Cl-B		656	48	496	400	304	32
GRO	TPH 8015M		117	61.5	26.8	44.9	<10.0	<10.0
DRO	TPH 8015M		20600	1310	702	729	60.7	<10.0
EXT DRO	TPH 8015M		3790	99.6	94.8	90.3	<10.0	<10.0

		Sample ID	NORTH @ SURFACE	EAST @ SURFACE	WEST @ SURFACE	SOUTH @ SURFACE
Analyte	Method	Date	2/8/19	2/8/19	2/8/19	2/8/19
			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		48	32	48	32
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



February 15, 2019

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: CORRAL FLY 35 26 FED COM #23H

Enclosed are the results of analyses for samples received by the laboratory on 02/11/19 15:55.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-18-11. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,



Celey D. Keene

Lab Director/Quality Manager

### Analytical Results For:

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

Received:	02/11/2019	Sampling Date:	02/07/2019
Reported:	02/15/2019	Sampling Type:	Soil
Project Name:	CORRAL FLY 35 26 FED COM #23H	Sampling Condition:	Cool & Intact
Project Number:	( 8-21-18 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY- EDDY CO NM		

### Sample ID: SP 1 @ SURFACE (H900531-01)

BTX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>0.062</b>	0.050	02/13/2019	ND	2.17	108	2.00	1.34	
<b>Toluene*</b>	<b>0.825</b>	0.050	02/13/2019	ND	2.05	102	2.00	0.351	
<b>Ethylbenzene*</b>	<b>0.489</b>	0.050	02/13/2019	ND	2.05	102	2.00	2.20	
<b>Total Xylenes*</b>	<b>2.67</b>	0.150	02/13/2019	ND	6.08	101	6.00	0.756	
<b>Total BTX</b>	<b>4.05</b>	0.300	02/13/2019	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>528</b>	16.0	02/15/2019	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10*</b>	<b>104</b>	100	02/12/2019	ND	186	93.0	200	0.00		
<b>DRO &gt;C10-C28*</b>	<b>24300</b>	100	02/12/2019	ND	187	93.5	200	0.695		
<b>EXT DRO &gt;C28-C36</b>	<b>4150</b>	100	02/12/2019	ND						

Surrogate: 1-Chlorooctane 111 % 41-142

Surrogate: 1-Chlorooctadecane 1080 % 37.6-147

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



**Analytical Results For:**

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

Received:	02/11/2019	Sampling Date:	02/07/2019
Reported:	02/15/2019	Sampling Type:	Soil
Project Name:	CORRAL FLY 35 26 FED COM #23H	Sampling Condition:	Cool & Intact
Project Number:	( 8-21-18 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY- EDDY CO NM		

**Sample ID: SP 1 @ 1' (H900531-02)**

BTEx 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	02/13/2019	ND	2.17	108	2.00	1.34	
<b>Toluene*</b>	<b>0.099</b>	0.050	02/13/2019	ND	2.05	102	2.00	0.351	
Ethylbenzene*	<0.050	0.050	02/13/2019	ND	2.05	102	2.00	2.20	
<b>Total Xylenes*</b>	<b>2.94</b>	0.150	02/13/2019	ND	6.08	101	6.00	0.756	
<b>Total BTEX</b>	<b>3.04</b>	0.300	02/13/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 146 % 73.3-129

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>176</b>	16.0	02/15/2019	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
<b>GRO C6-C10*</b>	<b>102</b>	10.0	02/12/2019	ND	186	93.0	200	0.00	
<b>DRO &gt;C10-C28*</b>	<b>2010</b>	10.0	02/12/2019	ND	187	93.5	200	0.695	
<b>EXT DRO &gt;C28-C36</b>	<b>280</b>	10.0	02/12/2019	ND					

Surrogate: 1-Chlorooctane 115 % 41-142

Surrogate: 1-Chlorooctadecane 48.8 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

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

Received:	02/11/2019	Sampling Date:	02/07/2019
Reported:	02/15/2019	Sampling Type:	Soil
Project Name:	CORRAL FLY 35 26 FED COM #23H	Sampling Condition:	Cool & Intact
Project Number:	( 8-21-18 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY- EDDY CO NM		

**Sample ID: SP 1 @ 2' (H900531-03)**

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	02/13/2019	ND	2.17	108	2.00	1.34	
Toluene*	<0.050	0.050	02/13/2019	ND	2.05	102	2.00	0.351	
Ethylbenzene*	<0.050	0.050	02/13/2019	ND	2.05	102	2.00	2.20	
Total Xylenes*	<0.150	0.150	02/13/2019	ND	6.08	101	6.00	0.756	
Total BTX	<0.300	0.300	02/13/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	02/15/2019	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	02/12/2019	ND	186	93.0	200	0.00	
DRO >C10-C28*	153	10.0	02/12/2019	ND	187	93.5	200	0.695	QR-03
EXT DRO >C28-C36	39.0	10.0	02/12/2019	ND					

Surrogate: 1-Chlorooctane 95.3 % 41-142

Surrogate: 1-Chlorooctadecane 102 % 37.6-147

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

Received:	02/11/2019	Sampling Date:	02/07/2019
Reported:	02/15/2019	Sampling Type:	Soil
Project Name:	CORRAL FLY 35 26 FED COM #23H	Sampling Condition:	Cool & Intact
Project Number:	( 8-21-18 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY- EDDY CO NM		

**Sample ID: SP 1 @ 3' (H900531-04)**

BTEx 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/13/2019	ND	2.17	108	2.00	1.34	
Toluene*	<0.050	0.050	02/13/2019	ND	2.05	102	2.00	0.351	
Ethylbenzene*	<0.050	0.050	02/13/2019	ND	2.05	102	2.00	2.20	
Total Xylenes*	<0.150	0.150	02/13/2019	ND	6.08	101	6.00	0.756	
Total BTEX	<0.300	0.300	02/13/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	02/15/2019	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	02/12/2019	ND	186	93.0	200	0.00	
DRO >C10-C28*	137	10.0	02/12/2019	ND	187	93.5	200	0.695	
EXT DRO >C28-C36	20.2	10.0	02/12/2019	ND					

Surrogate: 1-Chlorooctane 96.2 % 41-142

Surrogate: 1-Chlorooctadecane 102 % 37.6-147

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**Analytical Results For:**

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

Received:	02/11/2019	Sampling Date:	02/07/2019
Reported:	02/15/2019	Sampling Type:	Soil
Project Name:	CORRAL FLY 35 26 FED COM #23H	Sampling Condition:	Cool & Intact
Project Number:	( 8-21-18 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY- EDDY CO NM		

**Sample ID: SP 1 @ 4' (H900531-05)**

BTEx 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/13/2019	ND	2.17	108	2.00	1.34	
Toluene*	<0.050	0.050	02/13/2019	ND	2.05	102	2.00	0.351	
Ethylbenzene*	<0.050	0.050	02/13/2019	ND	2.05	102	2.00	2.20	
Total Xylenes*	<0.150	0.150	02/13/2019	ND	6.08	101	6.00	0.756	
Total BTEX	<0.300	0.300	02/13/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/15/2019	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	02/12/2019	ND	186	93.0	200	0.00	
DRO >C10-C28*	<10.0	10.0	02/12/2019	ND	187	93.5	200	0.695	
EXT DRO >C28-C36	<10.0	10.0	02/12/2019	ND					

Surrogate: 1-Chlorooctane 97.1 % 41-142

Surrogate: 1-Chlorooctadecane 97.6 % 37.6-147

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**Analytical Results For:**

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

Received:	02/11/2019	Sampling Date:	02/07/2019
Reported:	02/15/2019	Sampling Type:	Soil
Project Name:	CORRAL FLY 35 26 FED COM #23H	Sampling Condition:	Cool & Intact
Project Number:	( 8-21-18 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY- EDDY CO NM		

**Sample ID: SP 1 @ 5' (H900531-06)**

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	02/13/2019	ND	2.17	108	2.00	1.34	
Toluene*	<0.050	0.050	02/13/2019	ND	2.05	102	2.00	0.351	
Ethylbenzene*	<0.050	0.050	02/13/2019	ND	2.05	102	2.00	2.20	
Total Xylenes*	<0.150	0.150	02/13/2019	ND	6.08	101	6.00	0.756	
Total BTX	<0.300	0.300	02/13/2019	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	02/15/2019	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	02/12/2019	ND	186	93.0	200	0.00	
DRO >C10-C28*	29.4	10.0	02/12/2019	ND	187	93.5	200	0.695	
EXT DRO >C28-C36	<10.0	10.0	02/12/2019	ND					

Surrogate: 1-Chlorooctane 94.5 % 41-142

Surrogate: 1-Chlorooctadecane 97.5 % 37.6-147

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

Received:	02/11/2019	Sampling Date:	02/07/2019
Reported:	02/15/2019	Sampling Type:	Soil
Project Name:	CORRAL FLY 35 26 FED COM #23H	Sampling Condition:	Cool & Intact
Project Number:	( 8-21-18 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY- EDDY CO NM		

**Sample ID: SP 2 @ SURFACE (H900531-07)**

BTEX 8021B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/13/2019	ND	2.17	108	2.00	1.34		
Toluene*	0.754	0.050	02/13/2019	ND	2.05	102	2.00	0.351		
Ethylbenzene*	0.471	0.050	02/13/2019	ND	2.05	102	2.00	2.20		
Total Xylenes*	2.51	0.150	02/13/2019	ND	6.08	101	6.00	0.756		
Total BTEX	3.73	0.300	02/13/2019	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1000	16.0	02/15/2019	ND	416	104	400	3.77		
TPH 8015M		mg/kg		Analyzed By: MS						
									S-06	

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*	<100	100	02/13/2019	ND	181	90.6	200	8.12	
DRO >C10-C28*	21000	100	02/13/2019	ND	181	90.3	200	8.31	QM-07
EXT DRO >C28-C36	4410	100	02/13/2019	ND					

Surrogate: 1-Chlorooctane 75.8 % 41-142

Surrogate: 1-Chlorooctadecane 940 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

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

Received:	02/11/2019	Sampling Date:	02/07/2019
Reported:	02/15/2019	Sampling Type:	Soil
Project Name:	CORRAL FLY 35 26 FED COM #23H	Sampling Condition:	Cool & Intact
Project Number:	( 8-21-18 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY- EDDY CO NM		

**Sample ID: SP 2 @ 1' (H900531-08)**

BTX 8021B		mg/kg	Analyzed By: ms					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/13/2019	ND	2.17	108	2.00	1.34	
<b>Toluene*</b>	<b>0.087</b>	0.050	02/13/2019	ND	2.05	102	2.00	0.351	
Ethylbenzene*	<0.050	0.050	02/13/2019	ND	2.05	102	2.00	2.20	
<b>Total Xylenes*</b>	<b>2.70</b>	0.150	02/13/2019	ND	6.08	101	6.00	0.756	
<b>Total BTX</b>	<b>2.79</b>	0.300	02/13/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 149 % 73.3-129

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>144</b>	16.0	02/15/2019	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
<b>GRO C6-C10*</b>	<b>113</b>	10.0	02/13/2019	ND	181	90.6	200	8.12	
<b>DRO &gt;C10-C28*</b>	<b>1730</b>	10.0	02/13/2019	ND	181	90.3	200	8.31	
<b>EXT DRO &gt;C28-C36</b>	<b>232</b>	10.0	02/13/2019	ND					

Surrogate: 1-Chlorooctane 98.9 % 41-142

Surrogate: 1-Chlorooctadecane 125 % 37.6-147

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**Analytical Results For:**

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

Received:	02/11/2019	Sampling Date:	02/07/2019
Reported:	02/15/2019	Sampling Type:	Soil
Project Name:	CORRAL FLY 35 26 FED COM #23H	Sampling Condition:	Cool & Intact
Project Number:	( 8-21-18 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY- EDDY CO NM		

**Sample ID: SP 2 @ 2' (H900531-09)**

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	02/13/2019	ND	2.17	108	2.00	1.34	
Toluene*	<0.050	0.050	02/13/2019	ND	2.05	102	2.00	0.351	
Ethylbenzene*	<0.050	0.050	02/13/2019	ND	2.05	102	2.00	2.20	
Total Xylenes*	<0.150	0.150	02/13/2019	ND	6.08	101	6.00	0.756	
Total BTX	<0.300	0.300	02/13/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	02/15/2019	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	02/13/2019	ND	181	90.6	200	8.12	
DRO >C10-C28*	83.1	10.0	02/13/2019	ND	181	90.3	200	8.31	
EXT DRO >C28-C36	12.7	10.0	02/13/2019	ND					

Surrogate: 1-Chlorooctane 74.1 % 41-142

Surrogate: 1-Chlorooctadecane 77.4 % 37.6-147

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Fax To: (575) 397-0397

Received:	02/11/2019	Sampling Date:	02/07/2019
Reported:	02/15/2019	Sampling Type:	Soil
Project Name:	CORRAL FLY 35 26 FED COM #23H	Sampling Condition:	Cool & Intact
Project Number:	( 8-21-18 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY- EDDY CO NM		

**Sample ID: SP 2 @ 3' (H900531-10)**

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	02/13/2019	ND	2.17	108	2.00	1.34	
Toluene*	<0.050	0.050	02/13/2019	ND	2.05	102	2.00	0.351	
Ethylbenzene*	<0.050	0.050	02/13/2019	ND	2.05	102	2.00	2.20	
Total Xylenes*	<0.150	0.150	02/13/2019	ND	6.08	101	6.00	0.756	
Total BTX	<0.300	0.300	02/13/2019	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	02/15/2019	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	02/13/2019	ND	181	90.6	200	8.12	
DRO >C10-C28*	97.9	10.0	02/13/2019	ND	181	90.3	200	8.31	
EXT DRO >C28-C36	13.9	10.0	02/13/2019	ND					

Surrogate: 1-Chlorooctane 73.8 % 41-142

Surrogate: 1-Chlorooctadecane 76.5 % 37.6-147

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

Received:	02/11/2019	Sampling Date:	02/07/2019
Reported:	02/15/2019	Sampling Type:	Soil
Project Name:	CORRAL FLY 35 26 FED COM #23H	Sampling Condition:	Cool & Intact
Project Number:	( 8-21-18 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY- EDDY CO NM		

**Sample ID: SP 2 @ 4' (H900531-11)**

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	02/13/2019	ND	2.17	108	2.00	1.34	
Toluene*	<0.050	0.050	02/13/2019	ND	2.05	102	2.00	0.351	
Ethylbenzene*	<0.050	0.050	02/13/2019	ND	2.05	102	2.00	2.20	
Total Xylenes*	<0.150	0.150	02/13/2019	ND	6.08	101	6.00	0.756	
Total BTX	<0.300	0.300	02/13/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/15/2019	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	02/13/2019	ND	181	90.6	200	8.12	
DRO >C10-C28*	<10.0	10.0	02/13/2019	ND	181	90.3	200	8.31	
EXT DRO >C28-C36	<10.0	10.0	02/13/2019	ND					

Surrogate: 1-Chlorooctane 67.8 % 41-142

Surrogate: 1-Chlorooctadecane 65.8 % 37.6-147

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

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

Received:	02/11/2019	Sampling Date:	02/08/2019
Reported:	02/15/2019	Sampling Type:	Soil
Project Name:	CORRAL FLY 35 26 FED COM #23H	Sampling Condition:	Cool & Intact
Project Number:	( 8-21-18 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY- EDDY CO NM		

**Sample ID: SP 2 @ 5' (H900531-12)**

BTEx 8021B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/13/2019	ND	2.17	108	2.00	1.34		
Toluene*	<0.050	0.050	02/13/2019	ND	2.05	102	2.00	0.351		
Ethylbenzene*	<0.050	0.050	02/13/2019	ND	2.05	102	2.00	2.20		
Total Xylenes*	<0.150	0.150	02/13/2019	ND	6.08	101	6.00	0.756		
Total BTEx	<0.300	0.300	02/13/2019	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/15/2019	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2019	ND	181	90.6	200	8.12	
DRO >C10-C28*	<10.0	10.0	02/13/2019	ND	181	90.3	200	8.31	
EXT DRO >C28-C36	<10.0	10.0	02/13/2019	ND					

Surrogate: 1-Chlorooctane 75.4 % 41-142

Surrogate: 1-Chlorooctadecane 74.0 % 37.6-147

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

Received:	02/11/2019	Sampling Date:	02/08/2019
Reported:	02/15/2019	Sampling Type:	Soil
Project Name:	CORRAL FLY 35 26 FED COM #23H	Sampling Condition:	Cool & Intact
Project Number:	( 8-21-18 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY- EDDY CO NM		

**Sample ID: SP 3 @ SURFACE (H900531-13)**

BTEx 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.050	0.050	02/13/2019	ND	2.17	108	2.00	1.34	
Toluene*	0.757	0.050	02/13/2019	ND	2.05	102	2.00	0.351	
Ethylbenzene*	0.531	0.050	02/13/2019	ND	2.05	102	2.00	2.20	
Total Xylenes*	3.00	0.150	02/13/2019	ND	6.08	101	6.00	0.756	
Total BTEX	4.34	0.300	02/13/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	02/15/2019	ND	432	108	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						S-06

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>117</b>	100	02/13/2019	ND	181	90.6	200	8.12	
<b>DRO &gt;C10-C28*</b>	<b>20600</b>	100	02/13/2019	ND	181	90.3	200	8.31	
<b>EXT DRO &gt;C28-C36</b>	<b>3790</b>	100	02/13/2019	ND					

Surrogate: 1-Chlorooctane 84.2 % 41-142

Surrogate: 1-Chlorooctadecane 956 % 37.6-147

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

Received:	02/11/2019	Sampling Date:	02/08/2019
Reported:	02/15/2019	Sampling Type:	Soil
Project Name:	CORRAL FLY 35 26 FED COM #23H	Sampling Condition:	Cool & Intact
Project Number:	( 8-21-18 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY- EDDY CO NM		

**Sample ID: SP 3 @ 1' (H900531-14)**

BTX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/13/2019	ND	2.17	108	2.00	1.34	
Toluene*	<0.050	0.050	02/13/2019	ND	2.05	102	2.00	0.351	
Ethylbenzene*	<0.050	0.050	02/13/2019	ND	2.05	102	2.00	2.20	
<b>Total Xylenes*</b>	<b>1.32</b>	0.150	02/13/2019	ND	6.08	101	6.00	0.756	
<b>Total BTX</b>	<b>1.32</b>	0.300	02/13/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 124 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>48.0</b>	16.0	02/15/2019	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>61.5</b>	10.0	02/13/2019	ND	181	90.6	200	8.12	
<b>DRO &gt;C10-C28*</b>	<b>1310</b>	10.0	02/13/2019	ND	181	90.3	200	8.31	
<b>EXT DRO &gt;C28-C36</b>	<b>99.6</b>	10.0	02/13/2019	ND					

Surrogate: 1-Chlorooctane 90.6 % 41-142

Surrogate: 1-Chlorooctadecane 115 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

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Fax To: (575) 397-0397

Received:	02/11/2019	Sampling Date:	02/08/2019
Reported:	02/15/2019	Sampling Type:	Soil
Project Name:	CORRAL FLY 35 26 FED COM #23H	Sampling Condition:	Cool & Intact
Project Number:	( 8-21-18 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY- EDDY CO NM		

**Sample ID: SP 3 @ 2' (H900531-15)**

BTEX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/13/2019	ND	2.17	108	2.00	1.34	
Toluene*	<0.050	0.050	02/13/2019	ND	2.05	102	2.00	0.351	
Ethylbenzene*	<0.050	0.050	02/13/2019	ND	2.05	102	2.00	2.20	
<b>Total Xylenes*</b>	<b>0.671</b>	0.150	02/13/2019	ND	6.08	101	6.00	0.756	
<b>Total BTEX</b>	<b>0.671</b>	0.300	02/13/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	02/15/2019	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	26.8	10.0	02/13/2019	ND	181	90.6	200	8.12	
DRO >C10-C28*	702	10.0	02/13/2019	ND	181	90.3	200	8.31	
EXT DRO >C28-C36	94.8	10.0	02/13/2019	ND					

Surrogate: 1-Chlorooctane 83.8 % 41-142

Surrogate: 1-Chlorooctadecane 97.5 % 37.6-147

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Fax To: (575) 397-0397

Received:	02/11/2019	Sampling Date:	02/08/2019
Reported:	02/15/2019	Sampling Type:	Soil
Project Name:	CORRAL FLY 35 26 FED COM #23H	Sampling Condition:	Cool & Intact
Project Number:	( 8-21-18 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY- EDDY CO NM		

**Sample ID: SP 3 @ 3' (H900531-16)**

BTEX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/14/2019	ND	2.17	108	2.00	1.34	
Toluene*	<0.050	0.050	02/14/2019	ND	2.05	102	2.00	0.351	
Ethylbenzene*	<0.050	0.050	02/14/2019	ND	2.05	102	2.00	2.20	
<b>Total Xylenes*</b>	<b>0.524</b>	0.150	02/14/2019	ND	6.08	101	6.00	0.756	
<b>Total BTEX</b>	<b>0.524</b>	0.300	02/14/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	02/15/2019	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	44.9	10.0	02/13/2019	ND	181	90.6	200	8.12	
DRO >C10-C28*	729	10.0	02/13/2019	ND	181	90.3	200	8.31	
EXT DRO >C28-C36	90.3	10.0	02/13/2019	ND					

Surrogate: 1-Chlorooctane 87.7 % 41-142

Surrogate: 1-Chlorooctadecane 102 % 37.6-147

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**Analytical Results For:**

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

Received:	02/11/2019	Sampling Date:	02/08/2019
Reported:	02/15/2019	Sampling Type:	Soil
Project Name:	CORRAL FLY 35 26 FED COM #23H	Sampling Condition:	Cool & Intact
Project Number:	( 8-21-18 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY- EDDY CO NM		

**Sample ID: SP 3 @ 4' (H900531-17)**

BTEx 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/14/2019	ND	2.17	108	2.00	1.34	
Toluene*	<0.050	0.050	02/14/2019	ND	2.05	102	2.00	0.351	
Ethylbenzene*	<0.050	0.050	02/14/2019	ND	2.05	102	2.00	2.20	
Total Xylenes*	<0.150	0.150	02/14/2019	ND	6.08	101	6.00	0.756	
Total BTEx	<0.300	0.300	02/14/2019	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	02/15/2019	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2019	ND	181	90.6	200	8.12	
DRO >C10-C28*	60.7	10.0	02/13/2019	ND	181	90.3	200	8.31	
EXT DRO >C28-C36	<10.0	10.0	02/13/2019	ND					

Surrogate: 1-Chlorooctane 79.5 % 41-142

Surrogate: 1-Chlorooctadecane 84.1 % 37.6-147

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Fax To: (575) 397-0397

Received:	02/11/2019	Sampling Date:	02/08/2019
Reported:	02/15/2019	Sampling Type:	Soil
Project Name:	CORRAL FLY 35 26 FED COM #23H	Sampling Condition:	Cool & Intact
Project Number:	( 8-21-18 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY- EDDY CO NM		

**Sample ID: SP 3 @ 5' (H900531-18)**

BTEx 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/14/2019	ND	2.17	108	2.00	1.34	
Toluene*	<0.050	0.050	02/14/2019	ND	2.05	102	2.00	0.351	
Ethylbenzene*	<0.050	0.050	02/14/2019	ND	2.05	102	2.00	2.20	
Total Xylenes*	<0.150	0.150	02/14/2019	ND	6.08	101	6.00	0.756	
Total BTEX	<0.300	0.300	02/14/2019	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/15/2019	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2019	ND	181	90.6	200	8.12	
DRO >C10-C28*	<10.0	10.0	02/13/2019	ND	181	90.3	200	8.31	
EXT DRO >C28-C36	<10.0	10.0	02/13/2019	ND					

Surrogate: 1-Chlorooctane 79.6 % 41-142

Surrogate: 1-Chlorooctadecane 78.8 % 37.6-147

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

Received:	02/11/2019	Sampling Date:	02/08/2019
Reported:	02/15/2019	Sampling Type:	Soil
Project Name:	CORRAL FLY 35 26 FED COM #23H	Sampling Condition:	Cool & Intact
Project Number:	( 8-21-18 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY- EDDY CO NM		

**Sample ID: NORTH @ SURFACE (H900531-19)**

BTX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/14/2019	ND	2.17	108	2.00	1.34	
Toluene*	<0.050	0.050	02/14/2019	ND	2.05	102	2.00	0.351	
Ethylbenzene*	<0.050	0.050	02/14/2019	ND	2.05	102	2.00	2.20	
Total Xylenes*	<0.150	0.150	02/14/2019	ND	6.08	101	6.00	0.756	
Total BTX	<0.300	0.300	02/14/2019	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/15/2019	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2019	ND	181	90.6	200	8.12	
DRO >C10-C28*	<10.0	10.0	02/13/2019	ND	181	90.3	200	8.31	
EXT DRO >C28-C36	<10.0	10.0	02/13/2019	ND					

Surrogate: 1-Chlorooctane 78.3 % 41-142

Surrogate: 1-Chlorooctadecane 76.9 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager



**Analytical Results For:**

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

Received:	02/11/2019	Sampling Date:	02/08/2019
Reported:	02/15/2019	Sampling Type:	Soil
Project Name:	CORRAL FLY 35 26 FED COM #23H	Sampling Condition:	Cool & Intact
Project Number:	( 8-21-18 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY- EDDY CO NM		

**Sample ID: EAST@ SURFACE (H900531-20)**

BTEx 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/14/2019	ND	2.17	108	2.00	1.34	
Toluene*	<0.050	0.050	02/14/2019	ND	2.05	102	2.00	0.351	
Ethylbenzene*	<0.050	0.050	02/14/2019	ND	2.05	102	2.00	2.20	
Total Xylenes*	<0.150	0.150	02/14/2019	ND	6.08	101	6.00	0.756	
Total BTEx	<0.300	0.300	02/14/2019	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/15/2019	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2019	ND	181	90.6	200	8.12	
DRO >C10-C28*	<10.0	10.0	02/13/2019	ND	181	90.3	200	8.31	
EXT DRO >C28-C36	<10.0	10.0	02/13/2019	ND					

Surrogate: 1-Chlorooctane 64.6 % 41-142

Surrogate: 1-Chlorooctadecane 62.8 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

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

Received:	02/11/2019	Sampling Date:	02/08/2019
Reported:	02/15/2019	Sampling Type:	Soil
Project Name:	CORRAL FLY 35 26 FED COM #23H	Sampling Condition:	Cool & Intact
Project Number:	( 8-21-18 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY- EDDY CO NM		

**Sample ID: WEST @ SURFACE (H900531-21)**

BTEx 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/14/2019	ND	2.24	112	2.00	3.07	
Toluene*	<0.050	0.050	02/14/2019	ND	2.12	106	2.00	2.85	
Ethylbenzene*	<0.050	0.050	02/14/2019	ND	2.06	103	2.00	2.35	
Total Xylenes*	<0.150	0.150	02/14/2019	ND	6.21	104	6.00	2.41	
Total BTEX	<0.300	0.300	02/14/2019	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/15/2019	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2019	ND	181	90.6	200	8.12	
DRO >C10-C28*	<10.0	10.0	02/13/2019	ND	181	90.3	200	8.31	
EXT DRO >C28-C36	<10.0	10.0	02/13/2019	ND					

Surrogate: 1-Chlorooctane 79.3 % 41-142

Surrogate: 1-Chlorooctadecane 78.1 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

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

Received:	02/11/2019	Sampling Date:	02/08/2019
Reported:	02/15/2019	Sampling Type:	Soil
Project Name:	CORRAL FLY 35 26 FED COM #23H	Sampling Condition:	Cool & Intact
Project Number:	( 8-21-18 )	Sample Received By:	Tamara Oldaker
Project Location:	OXY- EDDY CO NM		

**Sample ID: SOUTH @ SURFACE (H900531-22)**

BTEx 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/14/2019	ND	2.24	112	2.00	3.07	
Toluene*	<0.050	0.050	02/14/2019	ND	2.12	106	2.00	2.85	
Ethylbenzene*	<0.050	0.050	02/14/2019	ND	2.06	103	2.00	2.35	
Total Xylenes*	<0.150	0.150	02/14/2019	ND	6.21	104	6.00	2.41	
Total BTEX	<0.300	0.300	02/14/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/15/2019	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2019	ND	181	90.6	200	8.12	
DRO >C10-C28*	<10.0	10.0	02/13/2019	ND	181	90.3	200	8.31	
EXT DRO >C28-C36	<10.0	10.0	02/13/2019	ND					

Surrogate: 1-Chlorooctane 81.7 % 41-142

Surrogate: 1-Chlorooctadecane 79.8 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager

### 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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Celey D. Keene, Lab Director/Quality Manager



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

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

1083

Company Name: BBC International, Inc.				<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>																			
Project Manager: Cliff Brunson				P.O. #:				<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTX</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CI</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPH-EXT</div> </div>																			
Address: P.O. Box 805				Company: <i>Oxy</i>																							
City: Hobbs State: NM Zip: 88241				Attn: <i>Dittrich</i>																							
Phone #: 575-397-6388 Fax #: 575-397-0397				Address:																							
Project #: Project Owner: Oxy				City:																							
Project Name: Corral Fly 35 26 Fed Com #23H (8/21/18)				State: Zip:																							
Project Location: Eddy County, NM				Phone #:																							
Sampler Name: Jeff Ornelas				Fax #:																							
FOR LAB USE ONLY																											
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX				PRESERV.	SAMPLING																		
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME													
<i>H900531</i>																											
<i>1</i>	SP1 @ SURFACE	<i>G</i>	<i>1</i>			<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>		2/7/19	12:45 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										
<i>2</i>	SP1 @ 1'												2/7/19	12:56 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										
<i>3</i>	SP1 @ 2'												2/7/19	1:11 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										
<i>4</i>	SP1 @ 3'												2/7/19	1:18 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										
<i>5</i>	SP1 @ 4'												2/7/19	1:29 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										
<i>6</i>	SP1 @ 5'												2/7/19	1:39 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										
<i>7</i>	SP2 @ SURFACE												2/7/19	1:45 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										
<i>8</i>	SP2 @ 1'												2/7/19	1:49 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										
<i>9</i>	SP2 @ 2'												2/7/19	1:59 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										
<i>10</i>	SP2 @ 3'												2/7/19	2:15 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										

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Relinquished By: <i>Jeff Ornelas</i>	Date: <i>2/8/19</i> Time: <i>5:00pm</i>	Received By: <i>[Signature]</i>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
Relinquished By: <i>[Signature]</i>	Date: <i>2-11-19</i> Time: <i>15:55</i>	Received By: <i>[Signature]</i>	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:
Delivered By: (Circle One) Sampler - UPS - Bus - Other: <i>5.4c #97</i>		Sample Condition Cool <input type="checkbox"/> Intact <input type="checkbox"/> <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: (Initials) <i>TO-</i>
REMARKS:			

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

2 of 3

Company Name: BBC International, Inc.				<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>																			
Project Manager: Cliff Brunson				P.O. #:				<div style="display: flex; justify-content: space-around;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTEX</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CI</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPH&amp;LT</div> </div>																			
Address: P.O. Box 805				Company: <i>Dry</i>																							
City: Hobbs State: NM Zip: 88241				Attn: <i>Sitrich</i>																							
Phone #: 575-397-6388 Fax #: 575-397-0397				Address:																							
Project #: Project Owner: Oxy				City:																							
Project Name: Corral Fly 35 26 Fed Com #23H (8/21/18)				State: Zip:																							
Project Location: Eddy County, NM				Phone #:																							
Sampler Name: Jeff Ornelas				Fax #:																							
FOR LAB USE ONLY																											
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX				PRESERV.	SAMPLING																		
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME													
<i>H900531</i>																											
<i>11</i>	SP2 @ 4'	<i>G</i>	<i>1</i>			<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>		2/7/19	2:29 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										
<i>12</i>	SP2 @ 5'												2/8/19	9:41 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										
<i>13</i>	SP3 @ SURFACE												2/8/19	9:45 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										
<i>14</i>	SP3 @ 1'												2/8/19	9:58 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										
<i>15</i>	SP3 @ 2'												2/8/19	10:20 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										
<i>16</i>	SP3 @ 3'												2/8/19	10:35 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										
<i>17</i>	SP3 @ 4'												2/8/19	10:47 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										
<i>18</i>	SP3 @ 5'												2/8/19	11:11 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										
<i>19</i>	NORTH @ SURFACE												2/8/19	11:15 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										
<i>20</i>	EAST @ SURFACE												2/8/19	11:33 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										

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Relinquished By: <i>Jeff Ornelas</i>	Date: <i>2-18-19</i> Time: <i>5:00pm</i>	Received By: <i>[Signature]</i>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By: <i>[Signature]</i>	Date: <i>2-11-19</i> Time: <i>15:55</i>	Received By: <i>Jamara Oldenby</i>	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One) Sampler - UPS - Bus - Other: <i>5.4c #17</i>			REMARKS:	
Sample Condition Cool <input type="checkbox"/> Yes <input type="checkbox"/> No    Intact <input type="checkbox"/> Yes <input type="checkbox"/> No			CHECKED BY: (Initials) <i>TO</i>	

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## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

3083

[illegible]

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Relinquished By: <i>Jeff Orndorff</i> Date: <i>2-18-19</i> Time: <i>5:00pm</i>		Received By: <i>[Signature]</i> Date: <i>2-18-19</i> Time: <i>5:55</i>		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: Add'l Fax #: REMARKS:	
Relinquished By: <i>[Signature]</i> Date: <i>2-11-19</i> Time: <i>15:55</i>		Received By: <i>[Signature]</i> Date: <i>2-11-19</i> Time: <i>15:55</i>		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: Add'l Fax #: REMARKS:	
Delivered By: (Circle One) Sampler - UPS - Bus - Other: <i>5.4c #97</i>		Sample Condition Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>		CHECKED BY: (Initials) <i>TO</i>	

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