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DELINEATION WORKPLAN

OXY – RED TANK 26 FEDERAL #007 (Leak Date: 2/2/19)

AASFB-191118-C-1410

RP # 1RP-5401

This delineation workplan and remediation proposal addresses the releases associated with RP # 2RP-5401.

The following information includes:

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

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

OXY will excavate the spill area as depicted on the following site diagram. The leak area near SP1 (BLUE shade on diagram) will be excavated to a depth of 4 feet. The leak area near SP2 – SP3 and SP5 – SP8 (PURPLE shade on diagram) will be excavated to a depth of 1 foot. The area near SP4 (GREEN shade on diagram) will be excavated to a depth of 2 feet.

Bottom confirmation samples will be collected at no greater than 75 ft. intervals. Estimated volume of material to be removed is 693 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.

Form C-141

Page 3

State of New Mexico
Oil Conservation Division

Incident ID	NAB1907856636
District RP	1RP-5401
Facility ID	
Application ID	pAB1907844589

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.

Form C-141

Page 4

State of New Mexico
Oil Conservation Division

Incident ID	NAB1907856636
District RP	1RP-5401
Facility ID	
Application ID	pAB1907844589

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 CoordinatorSignature:  Date: 5-3-19email: wade_dittrich@oxy.com Telephone: (575) 390-2828**OCD Only**

Received by: _____ Date: _____

Form C-141

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State of New Mexico
Oil Conservation Division

Incident ID	NAB1907856636
District RP	1RP-5401
Facility ID	
Application ID	pAB1907844589

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: 5-3-19
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: _____

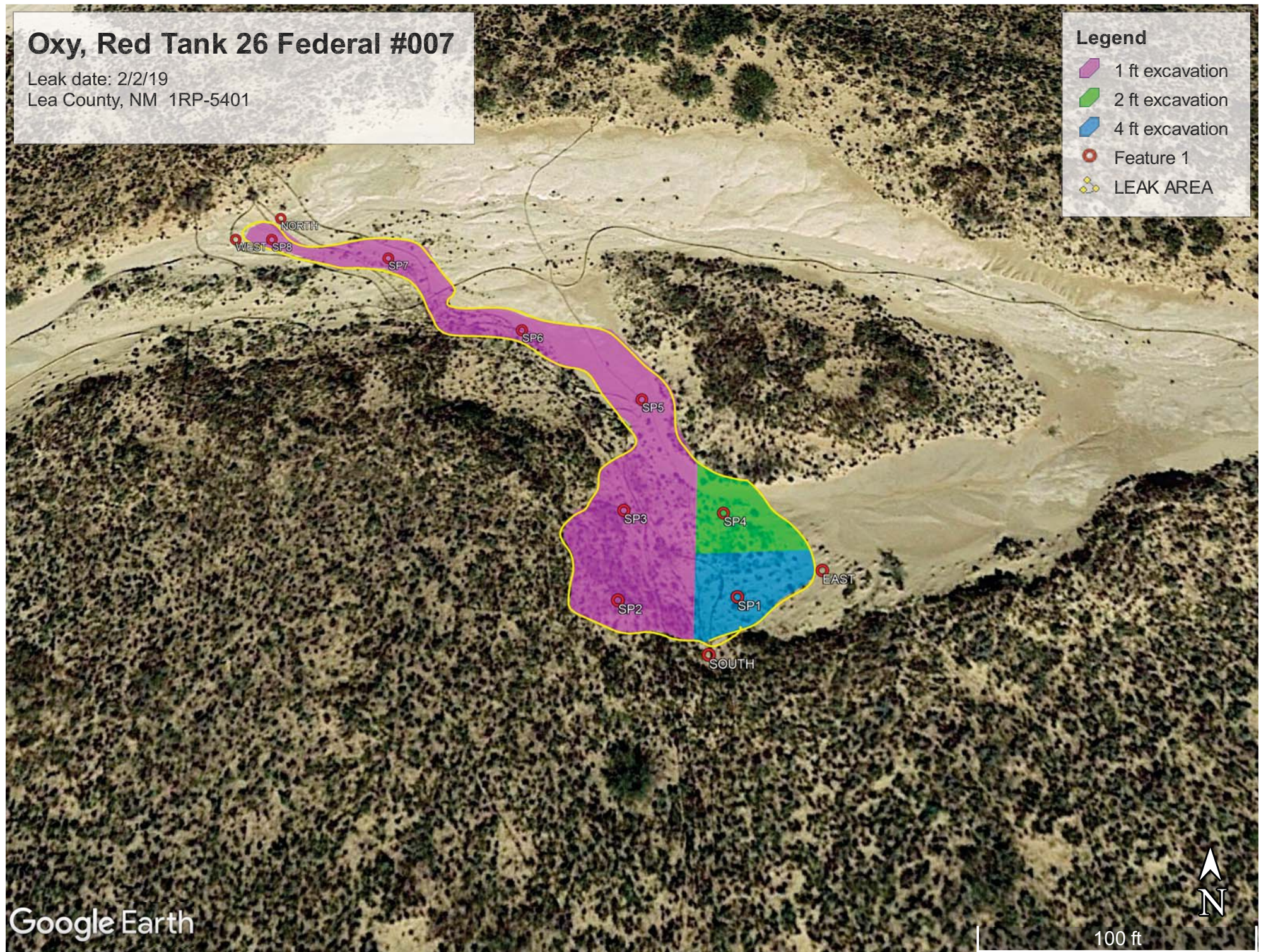
Oxy, Red Tank 26 Federal #007

Leak date: 2/2/19

Lea County, NM 1RP-5401

Legend

- 1 ft excavation
- 2 ft excavation
- 4 ft excavation
- Feature 1
- LEAK AREA



Oxy, Red Tank 26 Federal #007

Sample points

SP1, N 32.36373 W-103.64832

SP2, N 32.36373 W-103.64848

SP3, N 32.36385 W-103.64848

SP4, N 32.36385 W-103.64834

SP5, N 32.36401 W-103.64845

SP6, N 32.36413 W-103.64863

SP7, N 32.36426 W-103.64885

SP8, N 32.36429 W-103.64904

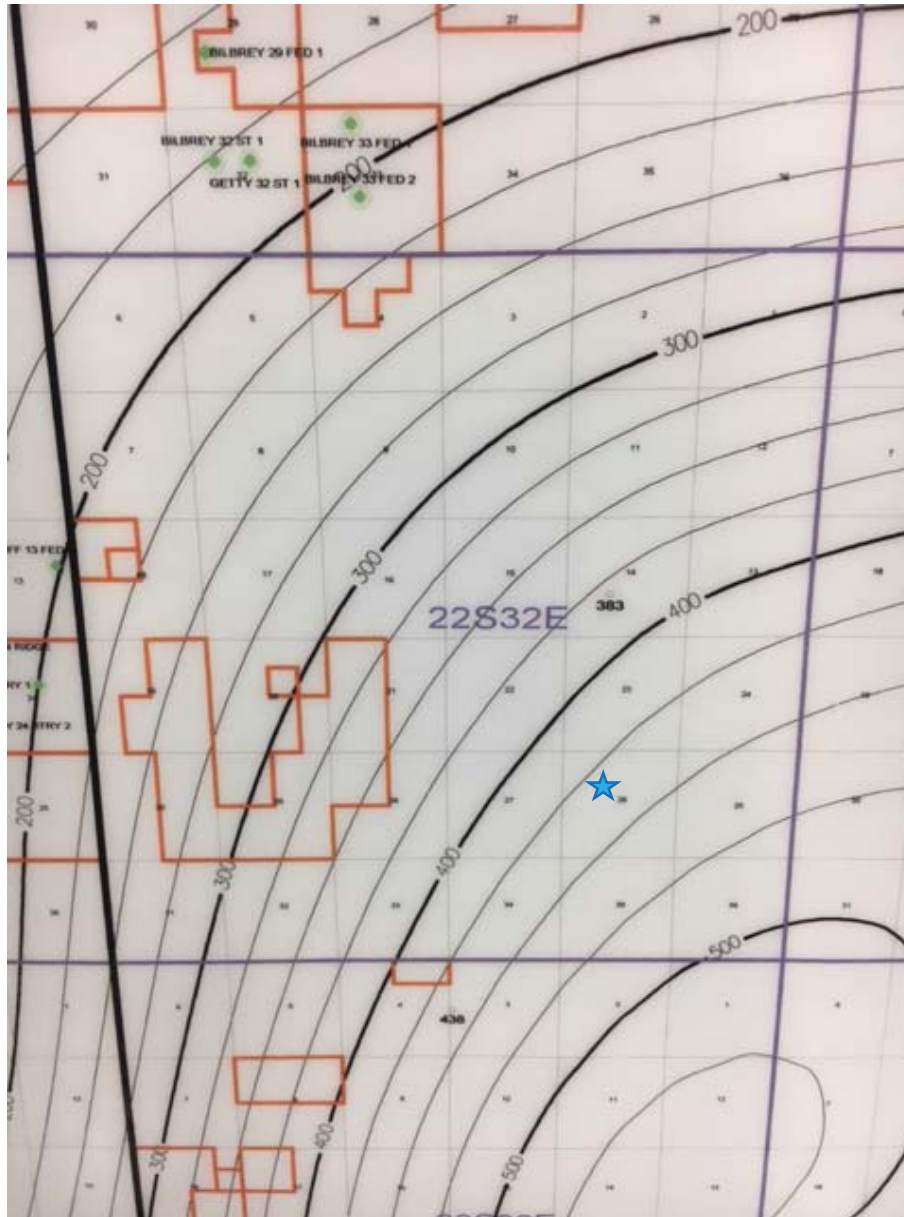
NORTH, N 32.36433 W-103.64903

SOUTH, N 32.36366 W-103.64837

EAST, N 32.36377 W-103.64821

WEST, N 32.36429 W-103.64910

Oxy, Red Tank 26 Federal #007
U/L F, Section 26, T22S, R32E
Groundwater: 425'





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

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

Groundwater levels for New Mexico

Click to hide state-specific text

Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 322314103383601

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

USGS 322314103383601 22S.32E.14.32422

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 Santa Rosa Sandstone (231SNRS) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period

Date	Time	? Water-level date-time accuracy	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Water-level accuracy	? Status	? Method of measurement	? Measuring agency	? Source of measurement
1972-09-13		D	370.40			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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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: 2019-03-12 11:05:25 EDT



0.54 0.5 nadww01

Oxy, Red Tank 26 Federal #007

Leak date: 2/2/19
Lea County, NM
API# 30-025-32681

BLM CAVE KARST MAP

Legend

-  LEAK AREA
-  Low potential



Google Earth

© 2018 Google



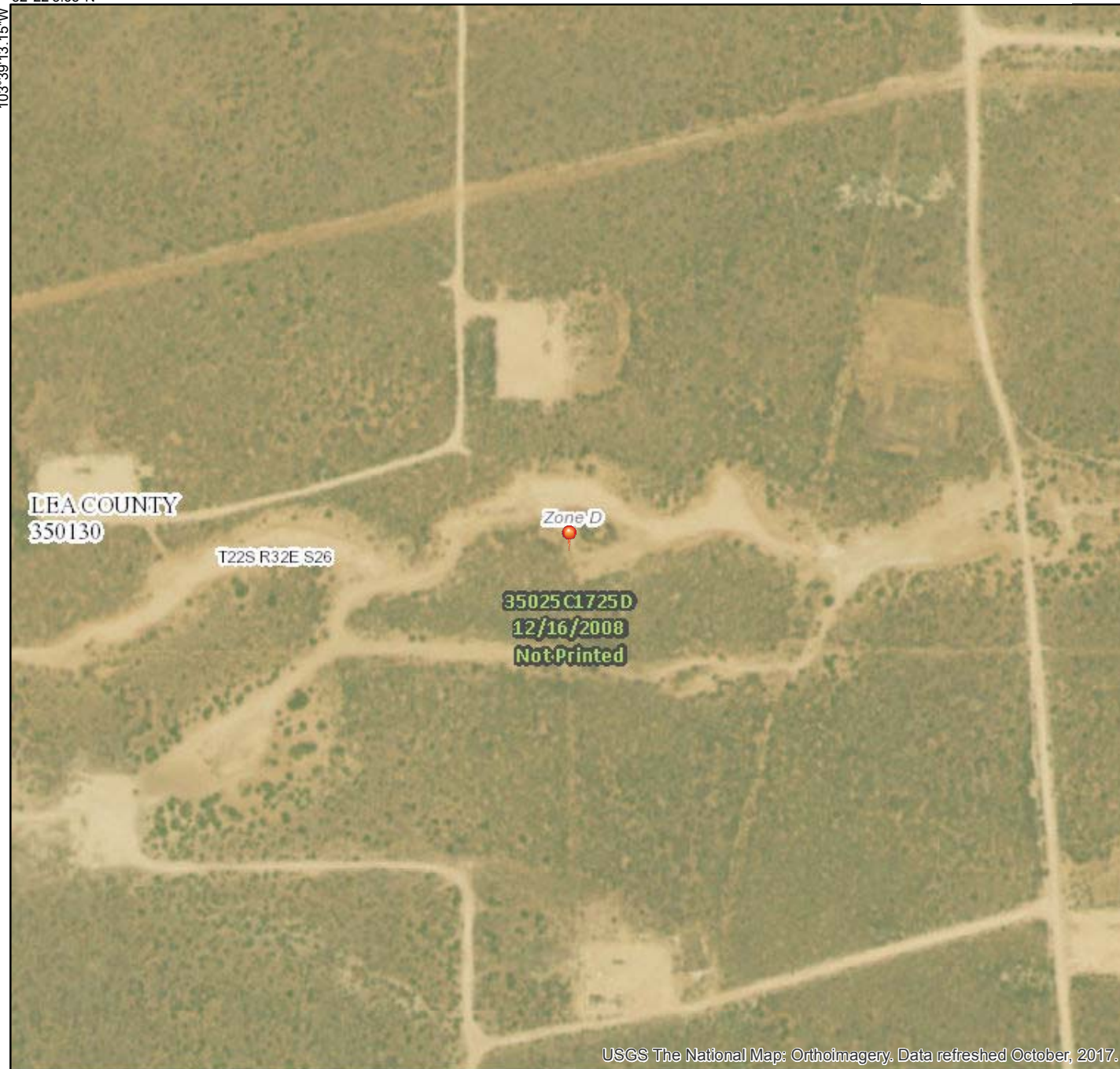
1000 ft

National Flood Hazard Layer FIRMette



32°22'5.63"N

103°39'13.15"W



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

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

1:6,000

32°21'35.24"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		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		Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **3/12/2019 at 11:29:41 AM** 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.



Laboratory Analytical Results Summary
Red Tank 26 Federal #007 (2/2/19)

Analyte	Method	Sample ID Date	SP1 @ SURFACE	SP1 @ 1'	SP1 @ 2'	SP1 @ 3'	SP1 @ 4'	SP1 @ 5'	SP1 @ 6'	SP1 @ 7'	SP1 @ 8'	SP1 @ 9'
			3/7/19	3/7/19	3/7/19	3/7/19	3/7/19	3/7/19	3/7/19	3/7/19	3/7/19	3/7/19
			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	n/a	n/a	n/a	n/a	n/a	n/a
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	n/a	n/a	n/a	n/a	n/a	n/a
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	n/a	n/a	n/a	n/a	n/a	n/a
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	n/a	n/a	n/a	n/a	n/a	n/a
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	n/a	n/a	n/a	n/a	n/a	n/a
Chloride	SM4500Cl-B		6720	4560	3840	3320	1340	208	256	416	208	144
GRO	TPH 8015M		135	<10.0	<10.0	<10.0	n/a	n/a	n/a	n/a	n/a	n/a
DRO	TPH 8015M		15800	16.2	<10.0	13.7	n/a	n/a	n/a	n/a	n/a	n/a
EXT DRO	TPH 8015M		4200	<10.0	<10.0	<10.0	n/a	n/a	n/a	n/a	n/a	n/a

Analyte	Method	Sample ID Date	SP2 @ SURFACE	SP2 @ 1'	SP2 @ 2'	SP2 @ 3'
			3/7/19	3/7/19	3/7/19	3/7/19
			mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	n/a
Toluene	BTEX 8021B		0.08	<0.050	<0.050	n/a
Ethylbenzene	BTEX 8021B		0.201	<0.050	<0.050	n/a
Total Xylenes	BTEX 8021B		1	<0.150	<0.150	n/a
Total BTEX	BTEX 8021B		1.28	<0.300	<0.300	n/a
Chloride	SM4500Cl-B		7040	240	256	80
GRO	TPH 8015M		158	<10.0	<10.0	n/a
DRO	TPH 8015M		16500	60.4	<10.0	n/a
EXT DRO	TPH 8015M		4030	24.5	<10.0	n/a

Analyte	Method	Sample ID Date	SP3 @ SURFACE	SP3 @ 1'	SP3 @ 2'	SP3 @ 3'
			3/7/19	3/7/19	3/7/19	3/7/19
			mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	n/a
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	n/a
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	n/a
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	n/a
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	n/a
Chloride	SM4500Cl-B		4120	192	128	64
GRO	TPH 8015M		<50.0	<10.0	<10.0	n/a
DRO	TPH 8015M		1880	35.9	<10.0	n/a
EXT DRO	TPH 8015M		424	<10.0	<10.0	n/a

Analyte	Method	Sample ID Date	SP4 @ SURFACE	SP4 @ 1'	SP4 @ 2'	SP4 @ 3'	SP4 @ 4'	SP4 @ 5'
			3/7/19	3/7/19	3/7/19	3/7/19	3/7/19	3/7/19
			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	n/a
Toluene	BTEX 8021B		0.066	<0.050	<0.050	<0.050	<0.050	n/a
Ethylbenzene	BTEX 8021B		0.203	<0.050	<0.050	<0.050	<0.050	n/a
Total Xylenes	BTEX 8021B		0.866	<0.150	<0.150	<0.150	<0.150	n/a
Total BTEX	BTEX 8021B		1.13	<0.300	<0.300	<0.300	<0.300	n/a
Chloride	SM4500Cl-B		4720	1440	320	320	64	240
GRO	TPH 8015M		127	12.7	<10.0	<10.0	<10.0	n/a
DRO	TPH 8015M		13500	526	<10.0	83	16	n/a
EXT DRO	TPH 8015M		3270	125	<10.0	15.4	<10.0	n/a

Laboratory Analytical Results Summary
Red Tank 26 Federal #007 (2/2/19)

		Sample ID	SP5 @ SURFACE	SP5 @ 1'	SP5 @ 2'
Analyte	Method	Date	3/7/19	3/11/19	3/11/19
			mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		0.065	<0.050	n/a
Toluene	BTEX 8021B		1.43	<0.050	n/a
Ethylbenzene	BTEX 8021B		2.64	<0.050	n/a
Total Xylenes	BTEX 8021B		9.56	<0.150	n/a
Total BTEX	BTEX 8021B		13.7	<0.300	n/a
Chloride	SM4500Cl-B		5600	112	112
GRO	TPH 8015M		969	<10.0	n/a
DRO	TPH 8015M		24200	22.9	n/a
EXT DRO	TPH 8015M		5960	19.1	n/a

		Sample ID	SP6 @ SURFACE	SP6 @ 1'	SP6 @ 2'
Analyte	Method	Date	3/11/19	3/11/19	3/11/19
			mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	n/a
Toluene	BTEX 8021B		<0.050	<0.050	n/a
Ethylbenzene	BTEX 8021B		0.201	<0.050	n/a
Total Xylenes	BTEX 8021B		0.806	<0.150	n/a
Total BTEX	BTEX 8021B		1.01	<0.300	n/a
Chloride	SM4500Cl-B		8930	48	96
GRO	TPH 8015M		173	<10.0	n/a
DRO	TPH 8015M		9290	<10.0	n/a
EXT DRO	TPH 8015M		1990	11.6	n/a

		Sample ID	SP7 @ SURFACE	SP7 @ 1'	SP7 @ 2'	SP7 @ 3'
Analyte	Method	Date	3/11/19	3/11/19	3/11/19	3/11/19
			mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	n/a
Toluene	BTEX 8021B		1.11	<0.050	<0.050	n/a
Ethylbenzene	BTEX 8021B		2.61	<0.050	<0.050	n/a
Total Xylenes	BTEX 8021B		9.02	<0.150	<0.150	n/a
Total BTEX	BTEX 8021B		12.7	<0.300	<0.300	n/a
Chloride	SM4500Cl-B		11100	192	112	64
GRO	TPH 8015M		920	<10.0	<10.0	n/a
DRO	TPH 8015M		38100	37.8	13.8	n/a
EXT DRO	TPH 8015M		9540	53	<10.0	n/a

		Sample ID	SP8 @ SURFACE	SP8 @ 1'	SP8 @ 2'	SP8 @ 3'
Analyte	Method	Date	3/11/19	3/11/19	3/11/19	3/11/19
			mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		0.108	<0.050	<0.050	n/a
Toluene	BTEX 8021B		2.57	<0.050	<0.050	n/a
Ethylbenzene	BTEX 8021B		5.33	<0.050	<0.050	n/a
Total Xylenes	BTEX 8021B		19.1	0.184	<0.150	n/a
Total BTEX	BTEX 8021B		27.1	<0.300	<0.300	n/a
Chloride	SM4500Cl-B		8930	400	224	208
GRO	TPH 8015M		1620	<10.0	<10.0	n/a
DRO	TPH 8015M		45000	165	34.3	n/a
EXT DRO	TPH 8015M		11000	52.9	<10.0	n/a

Laboratory Analytical Results Summary
Red Tank 26 Federal #007 (2/2/19)

		Sample ID	NORTH @ SURFACE	EAST @ SURFACE	WEST @ SURFACE	SOUTH @ SURFACE
Analyte	Method	Date	3/11/19	3/11/19	3/11/19	3/11/19
			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		112	80	112	64
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		20.4	16.1	22.6	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0



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

March 20, 2019

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: RED TANK 26 FEDERAL #007

Enclosed are the results of analyses for samples received by the laboratory on 03/15/19 8:30.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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:	03/15/2019	Sampling Date:	03/07/2019
Reported:	03/20/2019	Sampling Type:	Soil
Project Name:	RED TANK 26 FEDERAL #007	Sampling Condition:	Cool & Intact
Project Number:	(2/2/19)	Sample Received By:	Jodi Henson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SP 1 @ SURFACE (H901016-01)

BTEX 8021B		mg/kg	Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	03/15/2019	ND	2.00	100	2.00	5.23	
Toluene*	<0.500	0.500	03/15/2019	ND	2.13	107	2.00	0.349	
Ethylbenzene*	<0.500	0.500	03/15/2019	ND	2.27	113	2.00	1.03	
Total Xylenes*	<1.50	1.50	03/15/2019	ND	6.68	111	6.00	1.96	
Total BTEX	<3.00	3.00	03/15/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 140 % 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	6720	16.0	03/18/2019	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*	135	100	03/15/2019	ND	204	102	200	9.97	
DRO >C10-C28*	15800	100	03/15/2019	ND	183	91.4	200	21.9	
EXT DRO >C28-C36	4200	100	03/15/2019	ND					

Surrogate: 1-Chlorooctane 165 % 41-142

Surrogate: 1-Chlorooctadecane 621 % 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:	03/15/2019	Sampling Date:	03/07/2019
Reported:	03/20/2019	Sampling Type:	Soil
Project Name:	RED TANK 26 FEDERAL #007	Sampling Condition:	Cool & Intact
Project Number:	(2/2/19)	Sample Received By:	Jodi Henson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SP 1 @ 1' (H901016-02)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/15/2019	ND	2.00	100	2.00	5.23		
Toluene*	<0.050	0.050	03/15/2019	ND	2.13	107	2.00	0.349		
Ethylbenzene*	<0.050	0.050	03/15/2019	ND	2.27	113	2.00	1.03		
Total Xylenes*	<0.150	0.150	03/15/2019	ND	6.68	111	6.00	1.96		
Total BTEX	<0.300	0.300	03/15/2019	ND						

Surrogate: 4-Bromofluorobenzene (PID) 124 % 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	4560	16.0	03/18/2019	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	03/15/2019	ND	204	102	200	9.97	
DRO >C10-C28*	16.2	10.0	03/15/2019	ND	183	91.4	200	21.9	
EXT DRO >C28-C36	<10.0	10.0	03/15/2019	ND					

Surrogate: 1-Chlorooctane 94.1 % 41-142

Surrogate: 1-Chlorooctadecane 89.1 % 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:	03/15/2019	Sampling Date:	03/07/2019
Reported:	03/20/2019	Sampling Type:	Soil
Project Name:	RED TANK 26 FEDERAL #007	Sampling Condition:	Cool & Intact
Project Number:	(2/2/19)	Sample Received By:	Jodi Henson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SP 1 @ 2' (H901016-03)

BTEX 8021B			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2019	ND	2.00	100	2.00	5.23	
Toluene*	<0.050	0.050	03/15/2019	ND	2.13	107	2.00	0.349	
Ethylbenzene*	<0.050	0.050	03/15/2019	ND	2.27	113	2.00	1.03	
Total Xylenes*	<0.150	0.150	03/15/2019	ND	6.68	111	6.00	1.96	
Total BTEX	<0.300	0.300	03/15/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 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	3840	16.0	03/18/2019	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	03/15/2019	ND	204	102	200	9.97	
DRO >C10-C28*	<10.0	10.0	03/15/2019	ND	183	91.4	200	21.9	
EXT DRO >C28-C36	<10.0	10.0	03/15/2019	ND					

Surrogate: 1-Chlorooctane 91.1 % 41-142

Surrogate: 1-Chlorooctadecane 89.8 % 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:	03/15/2019	Sampling Date:	03/07/2019
Reported:	03/20/2019	Sampling Type:	Soil
Project Name:	RED TANK 26 FEDERAL #007	Sampling Condition:	Cool & Intact
Project Number:	(2/2/19)	Sample Received By:	Jodi Henson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SP 1 @ 3' (H901016-04)

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	03/16/2019	ND	2.08	104	2.00	1.40		
Toluene*	<0.050	0.050	03/16/2019	ND	1.94	97.1	2.00	1.77		
Ethylbenzene*	<0.050	0.050	03/16/2019	ND	2.04	102	2.00	0.929		
Total Xylenes*	<0.150	0.150	03/16/2019	ND	6.16	103	6.00	1.74		
Total BTEX	<0.300	0.300	03/16/2019	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 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	3320	16.0	03/18/2019	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	03/15/2019	ND	204	102	200	9.97	
DRO >C10-C28*	13.7	10.0	03/15/2019	ND	183	91.4	200	21.9	
EXT DRO >C28-C36	<10.0	10.0	03/15/2019	ND					

Surrogate: 1-Chlorooctane 92.8 % 41-142

Surrogate: 1-Chlorooctadecane 94.3 % 37.6-147

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Analytical Results For:

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

Received:	03/15/2019	Sampling Date:	03/07/2019
Reported:	03/20/2019	Sampling Type:	Soil
Project Name:	RED TANK 26 FEDERAL #007	Sampling Condition:	Cool & Intact
Project Number:	(2/2/19)	Sample Received By:	Jodi Henson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SP 1 @ 4' (H901016-05)

Chloride, SM4500Cl-B	mg/kg	Analyzed By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1340	16.0	03/18/2019	ND	432	108	400	0.00	

Sample ID: SP 1 @ 5' (H901016-06)

Chloride, SM4500Cl-B	mg/kg	Analyzed By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	03/18/2019	ND	432	108	400	0.00	

Sample ID: SP 1 @ 6' (H901016-07)

Chloride, SM4500Cl-B	mg/kg	Analyzed By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	03/18/2019	ND	432	108	400	0.00	

Sample ID: SP 1 @ 7' (H901016-08)

Chloride, SM4500Cl-B	mg/kg	Analyzed By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	03/18/2019	ND	432	108	400	0.00	

Sample ID: SP 1 @ 8' (H901016-09)

Chloride, SM4500Cl-B	mg/kg	Analyzed By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	03/18/2019	ND	432	108	400	0.00	

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Analytical Results For:

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Received:	03/15/2019	Sampling Date:	03/07/2019
Reported:	03/20/2019	Sampling Type:	Soil
Project Name:	RED TANK 26 FEDERAL #007	Sampling Condition:	Cool & Intact
Project Number:	(2/2/19)	Sample Received By:	Jodi Henson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SP 1 @ 9' (H901016-10)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	03/18/2019	ND	416	104	400	3.77		

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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:	03/15/2019	Sampling Date:	03/07/2019
Reported:	03/20/2019	Sampling Type:	Soil
Project Name:	RED TANK 26 FEDERAL #007	Sampling Condition:	Cool & Intact
Project Number:	(2/2/19)	Sample Received By:	Jodi Henson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SP 2 @ SURFACE (H901016-11)

BTEX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2019	ND	2.08	104	2.00	1.40	
Toluene*	0.080	0.050	03/16/2019	ND	1.94	97.1	2.00	1.77	
Ethylbenzene*	0.201	0.050	03/16/2019	ND	2.04	102	2.00	0.929	
Total Xylenes*	1.00	0.150	03/16/2019	ND	6.16	103	6.00	1.74	
Total BTEX	1.28	0.300	03/16/2019	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	7040	16.0	03/18/2019	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*	158	100	03/15/2019	ND	204	102	200	9.97	
DRO >C10-C28*	16500	100	03/15/2019	ND	183	91.4	200	21.9	
EXT DRO >C28-C36	4030	100	03/15/2019	ND					

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	158	100	03/15/2019	ND	204	102	200	9.97	
DRO >C10-C28*	16500	100	03/15/2019	ND	183	91.4	200	21.9	
EXT DRO >C28-C36	4030	100	03/15/2019	ND					

Surrogate: 1-Chlorooctane 181 % 41-142

Surrogate: 1-Chlorooctadecane 624 % 37.6-147

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Analytical Results For:

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

Received:	03/15/2019	Sampling Date:	03/07/2019
Reported:	03/20/2019	Sampling Type:	Soil
Project Name:	RED TANK 26 FEDERAL #007	Sampling Condition:	Cool & Intact
Project Number:	(2/2/19)	Sample Received By:	Jodi Henson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SP 2 @ 1' (H901016-12)

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	03/16/2019	ND	2.08	104	2.00	1.40		
Toluene*	<0.050	0.050	03/16/2019	ND	1.94	97.1	2.00	1.77		
Ethylbenzene*	<0.050	0.050	03/16/2019	ND	2.04	102	2.00	0.929		
Total Xylenes*	<0.150	0.150	03/16/2019	ND	6.16	103	6.00	1.74		
Total BTEX	<0.300	0.300	03/16/2019	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.5 % 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	240	16.0	03/18/2019	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	03/15/2019	ND	204	102	200	9.97	
DRO >C10-C28*	60.4	10.0	03/15/2019	ND	183	91.4	200	21.9	
EXT DRO >C28-C36	24.5	10.0	03/15/2019	ND					

Surrogate: 1-Chlorooctane 91.4 % 41-142

Surrogate: 1-Chlorooctadecane 94.8 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/15/2019	Sampling Date:	03/07/2019
Reported:	03/20/2019	Sampling Type:	Soil
Project Name:	RED TANK 26 FEDERAL #007	Sampling Condition:	Cool & Intact
Project Number:	(2/2/19)	Sample Received By:	Jodi Henson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SP 2 @ 2' (H901016-13)

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	03/16/2019	ND	2.08	104	2.00	1.40		
Toluene*	<0.050	0.050	03/16/2019	ND	1.94	97.1	2.00	1.77		
Ethylbenzene*	<0.050	0.050	03/16/2019	ND	2.04	102	2.00	0.929		
Total Xylenes*	<0.150	0.150	03/16/2019	ND	6.16	103	6.00	1.74		
Total BTEX	<0.300	0.300	03/16/2019	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 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	256	16.0	03/18/2019	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	03/15/2019	ND	204	102	200	9.97	
DRO >C10-C28*	<10.0	10.0	03/15/2019	ND	183	91.4	200	21.9	
EXT DRO >C28-C36	<10.0	10.0	03/15/2019	ND					

Surrogate: 1-Chlorooctane 94.5 % 41-142

Surrogate: 1-Chlorooctadecane 90.5 % 37.6-147

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Analytical Results For:

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Received:	03/15/2019	Sampling Date:	03/07/2019
Reported:	03/20/2019	Sampling Type:	Soil
Project Name:	RED TANK 26 FEDERAL #007	Sampling Condition:	Cool & Intact
Project Number:	(2/2/19)	Sample Received By:	Jodi Henson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SP 2 @ 3' (H901016-14)

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	03/18/2019	ND	416	104	400	3.77	

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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:	03/15/2019	Sampling Date:	03/07/2019
Reported:	03/20/2019	Sampling Type:	Soil
Project Name:	RED TANK 26 FEDERAL #007	Sampling Condition:	Cool & Intact
Project Number:	(2/2/19)	Sample Received By:	Jodi Henson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SP 3 @ SURFACE (H901016-15)

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	03/16/2019	ND	2.08	104	2.00	1.40		
Toluene*	<0.050	0.050	03/16/2019	ND	1.94	97.1	2.00	1.77		
Ethylbenzene*	<0.050	0.050	03/16/2019	ND	2.04	102	2.00	0.929		
Total Xylenes*	<0.150	0.150	03/16/2019	ND	6.16	103	6.00	1.74		
Total BTEX	<0.300	0.300	03/16/2019	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.1 % 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	4120	16.0	03/18/2019	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
GRO C6-C10*	<50.0	50.0	03/15/2019	ND	204	102	200	9.97	
DRO >C10-C28*	1880	50.0	03/15/2019	ND	183	91.4	200	21.9	
EXT DRO >C28-C36	424	50.0	03/15/2019	ND					

Surrogate: 1-Chlorooctane 98.6 % 41-142

Surrogate: 1-Chlorooctadecane 155 % 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:	03/15/2019	Sampling Date:	03/07/2019
Reported:	03/20/2019	Sampling Type:	Soil
Project Name:	RED TANK 26 FEDERAL #007	Sampling Condition:	Cool & Intact
Project Number:	(2/2/19)	Sample Received By:	Jodi Henson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SP 3 @ 1' (H901016-16)

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	03/16/2019	ND	2.08	104	2.00	1.40		
Toluene*	<0.050	0.050	03/16/2019	ND	1.94	97.1	2.00	1.77		
Ethylbenzene*	<0.050	0.050	03/16/2019	ND	2.04	102	2.00	0.929		
Total Xylenes*	<0.150	0.150	03/16/2019	ND	6.16	103	6.00	1.74		
Total BTEX	<0.300	0.300	03/16/2019	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.8 % 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	192	16.0	03/18/2019	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	03/16/2019	ND	209	104	200	4.65	
DRO >C10-C28*	35.9	10.0	03/16/2019	ND	207	103	200	4.85	
EXT DRO >C28-C36	<10.0	10.0	03/16/2019	ND					

Surrogate: 1-Chlorooctane 94.8 % 41-142

Surrogate: 1-Chlorooctadecane 94.2 % 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:	03/15/2019	Sampling Date:	03/07/2019
Reported:	03/20/2019	Sampling Type:	Soil
Project Name:	RED TANK 26 FEDERAL #007	Sampling Condition:	Cool & Intact
Project Number:	(2/2/19)	Sample Received By:	Jodi Henson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SP 3 @ 2' (H901016-17)

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	03/16/2019	ND	2.08	104	2.00	1.40		
Toluene*	<0.050	0.050	03/16/2019	ND	1.94	97.1	2.00	1.77		
Ethylbenzene*	<0.050	0.050	03/16/2019	ND	2.04	102	2.00	0.929		
Total Xylenes*	<0.150	0.150	03/16/2019	ND	6.16	103	6.00	1.74		
Total BTEX	<0.300	0.300	03/16/2019	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.0 % 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	128	16.0	03/18/2019	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	03/16/2019	ND	209	104	200	4.65	
DRO >C10-C28*	<10.0	10.0	03/16/2019	ND	207	103	200	4.85	
EXT DRO >C28-C36	<10.0	10.0	03/16/2019	ND					

Surrogate: 1-Chlorooctane 91.2 % 41-142

Surrogate: 1-Chlorooctadecane 89.2 % 37.6-147

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Analytical Results For:

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 Cliff Brunson
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 Fax To: (575) 397-0397

Received:	03/15/2019	Sampling Date:	03/07/2019
Reported:	03/20/2019	Sampling Type:	Soil
Project Name:	RED TANK 26 FEDERAL #007	Sampling Condition:	Cool & Intact
Project Number:	(2/2/19)	Sample Received By:	Jodi Henson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SP 3 @ 3' (H901016-18)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	03/18/2019	ND	416	104	400	3.77		

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Received:	03/15/2019	Sampling Date:	03/07/2019
Reported:	03/20/2019	Sampling Type:	Soil
Project Name:	RED TANK 26 FEDERAL #007	Sampling Condition:	Cool & Intact
Project Number:	(2/2/19)	Sample Received By:	Jodi Henson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SP 4 @ SURFACE (H901016-19)

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	03/16/2019	ND	2.08	104	2.00	1.40	
Toluene*	0.066	0.050	03/16/2019	ND	1.94	97.1	2.00	1.77	
Ethylbenzene*	0.203	0.050	03/16/2019	ND	2.04	102	2.00	0.929	
Total Xylenes*	0.866	0.150	03/16/2019	ND	6.16	103	6.00	1.74	
Total BTEX	1.13	0.300	03/16/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	4720	16.0	03/18/2019	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*	127	100	03/16/2019	ND	209	104	200	4.65	
DRO >C10-C28*	13500	100	03/16/2019	ND	207	103	200	4.85	
EXT DRO >C28-C36	3270	100	03/16/2019	ND					

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	127	100	03/16/2019	ND	209	104	200	4.65	
DRO >C10-C28*	13500	100	03/16/2019	ND	207	103	200	4.85	
EXT DRO >C28-C36	3270	100	03/16/2019	ND					

Surrogate: 1-Chlorooctane 162 % 41-142

Surrogate: 1-Chlorooctadecane 562 % 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:	03/15/2019	Sampling Date:	03/07/2019
Reported:	03/20/2019	Sampling Type:	Soil
Project Name:	RED TANK 26 FEDERAL #007	Sampling Condition:	Cool & Intact
Project Number:	(2/2/19)	Sample Received By:	Jodi Henson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SP 4 @ 1' (H901016-20)

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	03/16/2019	ND	2.08	104	2.00	1.40	
Toluene*	<0.050	0.050	03/16/2019	ND	1.94	97.1	2.00	1.77	
Ethylbenzene*	<0.050	0.050	03/16/2019	ND	2.04	102	2.00	0.929	
Total Xylenes*	<0.150	0.150	03/16/2019	ND	6.16	103	6.00	1.74	
Total BTEX	<0.300	0.300	03/16/2019	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	1440	16.0	03/18/2019	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*	12.7	10.0	03/16/2019	ND	209	104	200	4.65	
DRO >C10-C28*	526	10.0	03/16/2019	ND	207	103	200	4.85	
EXT DRO >C28-C36	125	10.0	03/16/2019	ND					

Surrogate: 1-Chlorooctane 101 % 41-142

Surrogate: 1-Chlorooctadecane 102 % 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:	03/15/2019	Sampling Date:	03/07/2019
Reported:	03/20/2019	Sampling Type:	Soil
Project Name:	RED TANK 26 FEDERAL #007	Sampling Condition:	Cool & Intact
Project Number:	(2/2/19)	Sample Received By:	Jodi Henson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SP 4 @ 2' (H901016-21)

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	03/16/2019	ND	2.08	104	2.00	1.40		
Toluene*	<0.050	0.050	03/16/2019	ND	1.94	97.1	2.00	1.77		
Ethylbenzene*	<0.050	0.050	03/16/2019	ND	2.04	102	2.00	0.929		
Total Xylenes*	<0.150	0.150	03/16/2019	ND	6.16	103	6.00	1.74		
Total BTEX	<0.300	0.300	03/16/2019	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 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	320	16.0	03/18/2019	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	03/16/2019	ND	209	104	200	4.65	
DRO >C10-C28*	<10.0	10.0	03/16/2019	ND	207	103	200	4.85	
EXT DRO >C28-C36	<10.0	10.0	03/16/2019	ND					

Surrogate: 1-Chlorooctane 95.8 % 41-142

Surrogate: 1-Chlorooctadecane 94.9 % 37.6-147

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Analytical Results For:

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

Received:	03/15/2019	Sampling Date:	03/07/2019
Reported:	03/20/2019	Sampling Type:	Soil
Project Name:	RED TANK 26 FEDERAL #007	Sampling Condition:	Cool & Intact
Project Number:	(2/2/19)	Sample Received By:	Jodi Henson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SP 4 @ 3' (H901016-22)

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	03/16/2019	ND	2.08	104	2.00	1.40	
Toluene*	<0.050	0.050	03/16/2019	ND	1.94	97.1	2.00	1.77	
Ethylbenzene*	<0.050	0.050	03/16/2019	ND	2.04	102	2.00	0.929	
Total Xylenes*	<0.150	0.150	03/16/2019	ND	6.16	103	6.00	1.74	
Total BTEX	<0.300	0.300	03/16/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 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	320	16.0	03/18/2019	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	03/16/2019	ND	209	104	200	4.65	
DRO >C10-C28*	83.0	10.0	03/16/2019	ND	207	103	200	4.85	
EXT DRO >C28-C36	15.4	10.0	03/16/2019	ND					

Surrogate: 1-Chlorooctane 86.9 % 41-142

Surrogate: 1-Chlorooctadecane 95.0 % 37.6-147

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	03/15/2019	Sampling Date:	03/07/2019
Reported:	03/20/2019	Sampling Type:	Soil
Project Name:	RED TANK 26 FEDERAL #007	Sampling Condition:	Cool & Intact
Project Number:	(2/2/19)	Sample Received By:	Jodi Henson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SP 4 @ 4' (H901016-23)

BTEX 8021B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/16/2019	ND	2.08	104	2.00	1.40		
Toluene*	<0.050	0.050	03/16/2019	ND	1.94	97.1	2.00	1.77		
Ethylbenzene*	<0.050	0.050	03/16/2019	ND	2.04	102	2.00	0.929		
Total Xylenes*	<0.150	0.150	03/16/2019	ND	6.16	103	6.00	1.74		
Total BTEX	<0.300	0.300	03/16/2019	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.8 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/18/2019	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	03/16/2019	ND	209	104	200	4.65	
DRO >C10-C28*	16.0	10.0	03/16/2019	ND	207	103	200	4.85	
EXT DRO >C28-C36	<10.0	10.0	03/16/2019	ND					

Surrogate: 1-Chlorooctane 92.5 % 41-142

Surrogate: 1-Chlorooctadecane 94.9 % 37.6-147

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

Analytical Results For:

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

Received:	03/15/2019	Sampling Date:	03/07/2019
Reported:	03/20/2019	Sampling Type:	Soil
Project Name:	RED TANK 26 FEDERAL #007	Sampling Condition:	Cool & Intact
Project Number:	(2/2/19)	Sample Received By:	Jodi Henson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SP 4 @ 5' (H901016-24)

Chloride, SM4500Cl-B	mg/kg	Analyzed By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	03/18/2019	ND	416	104	400	3.77	

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Analytical Results For:

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Received:	03/15/2019	Sampling Date:	03/07/2019
Reported:	03/20/2019	Sampling Type:	Soil
Project Name:	RED TANK 26 FEDERAL #007	Sampling Condition:	Cool & Intact
Project Number:	(2/2/19)	Sample Received By:	Jodi Henson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SP 5 @ SURFACE (H901016-25)

BTEX 8021B		mg/kg		Analyzed By: ms				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.065	0.050	03/16/2019	ND	2.08	104	2.00	1.40	
Toluene*	1.43	0.050	03/16/2019	ND	1.94	97.1	2.00	1.77	
Ethylbenzene*	2.64	0.050	03/16/2019	ND	2.04	102	2.00	0.929	
Total Xylenes*	9.56	0.150	03/16/2019	ND	6.16	103	6.00	1.74	
Total BTEX	13.7	0.300	03/16/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 169 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5600	16.0	03/18/2019	ND	416	104	400	3.77	
TPH 8015M									

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*	969	100	03/16/2019	ND	209	104	200	4.65	
DRO >C10-C28*	24200	100	03/16/2019	ND	207	103	200	4.85	
EXT DRO >C28-C36	5960	100	03/16/2019	ND					

Surrogate: 1-Chlorooctane 178 % 41-142

Surrogate: 1-Chlorooctadecane 876 % 37.6-147

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Analytical Results For:

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Received:	03/15/2019	Sampling Date:	03/11/2019
Reported:	03/20/2019	Sampling Type:	Soil
Project Name:	RED TANK 26 FEDERAL #007	Sampling Condition:	Cool & Intact
Project Number:	(2/2/19)	Sample Received By:	Jodi Henson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SP 5 @ 1' (H901016-26)

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	03/16/2019	ND	2.08	104	2.00	1.40		
Toluene*	<0.050	0.050	03/16/2019	ND	1.94	97.1	2.00	1.77		
Ethylbenzene*	<0.050	0.050	03/16/2019	ND	2.04	102	2.00	0.929		
Total Xylenes*	<0.150	0.150	03/16/2019	ND	6.16	103	6.00	1.74		
Total BTEX	<0.300	0.300	03/16/2019	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	03/18/2019	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	03/16/2019	ND	209	104	200	4.65	
DRO >C10-C28*	22.9	10.0	03/16/2019	ND	207	103	200	4.85	
EXT DRO >C28-C36	19.1	10.0	03/16/2019	ND					

Surrogate: 1-Chlorooctane 88.2 % 41-142

Surrogate: 1-Chlorooctadecane 91.7 % 37.6-147

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	03/15/2019	Sampling Date:	03/11/2019
Reported:	03/20/2019	Sampling Type:	Soil
Project Name:	RED TANK 26 FEDERAL #007	Sampling Condition:	Cool & Intact
Project Number:	(2/2/19)	Sample Received By:	Jodi Henson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SP 5 @ 2' (H901016-27)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	03/18/2019	ND	416	104	400	3.77		

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Received:	03/15/2019	Sampling Date:	03/11/2019
Reported:	03/20/2019	Sampling Type:	Soil
Project Name:	RED TANK 26 FEDERAL #007	Sampling Condition:	Cool & Intact
Project Number:	(2/2/19)	Sample Received By:	Jodi Henson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SP 6 @ SURFACE (H901016-28)

BTEX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2019	ND	2.08	104	2.00	1.40	
Toluene*	<0.050	0.050	03/16/2019	ND	1.94	97.1	2.00	1.77	
Ethylbenzene*	0.201	0.050	03/16/2019	ND	2.04	102	2.00	0.929	
Total Xylenes*	0.806	0.150	03/16/2019	ND	6.16	103	6.00	1.74	
Total BTEX	1.01	0.300	03/16/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 121 % 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	8930	16.0	03/18/2019	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*	173	50.0	03/16/2019	ND	209	104	200	4.65	
DRO >C10-C28*	9290	50.0	03/16/2019	ND	207	103	200	4.85	
EXT DRO >C28-C36	1990	50.0	03/16/2019	ND					

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	173	50.0	03/16/2019	ND	209	104	200	4.65	
DRO >C10-C28*	9290	50.0	03/16/2019	ND	207	103	200	4.85	
EXT DRO >C28-C36	1990	50.0	03/16/2019	ND					

Surrogate: 1-Chlorooctane 189 % 41-142

Surrogate: 1-Chlorooctadecane 367 % 37.6-147

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

Received:	03/15/2019	Sampling Date:	03/11/2019
Reported:	03/20/2019	Sampling Type:	Soil
Project Name:	RED TANK 26 FEDERAL #007	Sampling Condition:	Cool & Intact
Project Number:	(2/2/19)	Sample Received By:	Jodi Henson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SP 6 @ 1' (H901016-29)

BTEX 8021B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/18/2019	ND	2.06	103	2.00	1.38		
Toluene*	<0.050	0.050	03/18/2019	ND	1.87	93.7	2.00	0.598		
Ethylbenzene*	<0.050	0.050	03/18/2019	ND	1.93	96.7	2.00	0.318		
Total Xylenes*	<0.150	0.150	03/18/2019	ND	6.08	101	6.00	0.282		
Total BTEX	<0.300	0.300	03/18/2019	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.6 % 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	48.0	16.0	03/18/2019	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	03/16/2019	ND	209	104	200	4.65	
DRO >C10-C28*	<10.0	10.0	03/16/2019	ND	207	103	200	4.85	
EXT DRO >C28-C36	11.6	10.0	03/16/2019	ND					

Surrogate: 1-Chlorooctane 90.3 % 41-142

Surrogate: 1-Chlorooctadecane 92.5 % 37.6-147

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

Received:	03/15/2019	Sampling Date:	03/11/2019
Reported:	03/20/2019	Sampling Type:	Soil
Project Name:	RED TANK 26 FEDERAL #007	Sampling Condition:	Cool & Intact
Project Number:	(2/2/19)	Sample Received By:	Jodi Henson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SP 6 @ 2' (H901016-30)

Chloride, SM4500Cl-B	mg/kg	Analyzed By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/18/2019	ND	416	104	400	0.00	

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 Fax To: (575) 397-0397

Received:	03/15/2019	Sampling Date:	03/11/2019
Reported:	03/20/2019	Sampling Type:	Soil
Project Name:	RED TANK 26 FEDERAL #007	Sampling Condition:	Cool & Intact
Project Number:	(2/2/19)	Sample Received By:	Jodi Henson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SP 7 @ SURFACE (H901016-31)

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	03/18/2019	ND	2.06	103	2.00	1.38	
Toluene*	1.11	0.050	03/18/2019	ND	1.87	93.7	2.00	0.598	
Ethylbenzene*	2.61	0.050	03/18/2019	ND	1.93	96.7	2.00	0.318	
Total Xylenes*	9.02	0.150	03/18/2019	ND	6.08	101	6.00	0.282	
Total BTEX	12.7	0.300	03/18/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 205 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11100	16.0	03/18/2019	ND	416	104	400	0.00	
TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	920	100	03/16/2019	ND	209	104	200	4.65	
DRO >C10-C28*	38100	100	03/16/2019	ND	207	103	200	4.85	
EXT DRO >C28-C36	9540	100	03/16/2019	ND					

Surrogate: 1-Chlorooctane 198 % 41-142

Surrogate: 1-Chlorooctadecane 1410 % 37.6-147

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Analytical Results For:

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Received:	03/15/2019	Sampling Date:	03/11/2019
Reported:	03/20/2019	Sampling Type:	Soil
Project Name:	RED TANK 26 FEDERAL #007	Sampling Condition:	Cool & Intact
Project Number:	(2/2/19)	Sample Received By:	Jodi Henson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SP 7 @ 1' (H901016-32)

BTEX 8021B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/18/2019	ND	2.06	103	2.00	1.38		
Toluene*	<0.050	0.050	03/18/2019	ND	1.87	93.7	2.00	0.598		
Ethylbenzene*	<0.050	0.050	03/18/2019	ND	1.93	96.7	2.00	0.318		
Total Xylenes*	<0.150	0.150	03/18/2019	ND	6.08	101	6.00	0.282		
Total BTEX	<0.300	0.300	03/18/2019	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 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	192	16.0	03/18/2019	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2019	ND	209	104	200	4.65	
DRO >C10-C28*	37.8	10.0	03/16/2019	ND	207	103	200	4.85	
EXT DRO >C28-C36	53.0	10.0	03/16/2019	ND					

Surrogate: 1-Chlorooctane 74.8 % 41-142

Surrogate: 1-Chlorooctadecane 78.4 % 37.6-147

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

Received:	03/15/2019	Sampling Date:	03/11/2019
Reported:	03/20/2019	Sampling Type:	Soil
Project Name:	RED TANK 26 FEDERAL #007	Sampling Condition:	Cool & Intact
Project Number:	(2/2/19)	Sample Received By:	Jodi Henson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SP 7 @ 2' (H901016-33)

BTEX 8021B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/18/2019	ND	2.06	103	2.00	1.38		
Toluene*	<0.050	0.050	03/18/2019	ND	1.87	93.7	2.00	0.598		
Ethylbenzene*	<0.050	0.050	03/18/2019	ND	1.93	96.7	2.00	0.318		
Total Xylenes*	<0.150	0.150	03/18/2019	ND	6.08	101	6.00	0.282		
Total BTEX	<0.300	0.300	03/18/2019	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 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	112	16.0	03/18/2019	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2019	ND	209	104	200	4.65	
DRO >C10-C28*	13.8	10.0	03/16/2019	ND	207	103	200	4.85	
EXT DRO >C28-C36	<10.0	10.0	03/16/2019	ND					

Surrogate: 1-Chlorooctane 90.6 % 41-142

Surrogate: 1-Chlorooctadecane 96.0 % 37.6-147

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Analytical Results For:

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

Received:	03/15/2019	Sampling Date:	03/11/2019
Reported:	03/20/2019	Sampling Type:	Soil
Project Name:	RED TANK 26 FEDERAL #007	Sampling Condition:	Cool & Intact
Project Number:	(2/2/19)	Sample Received By:	Jodi Henson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SP 7 @ 3' (H901016-34)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/18/2019	ND	416	104	400	0.00	

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	03/15/2019	Sampling Date:	03/11/2019
Reported:	03/20/2019	Sampling Type:	Soil
Project Name:	RED TANK 26 FEDERAL #007	Sampling Condition:	Cool & Intact
Project Number:	(2/2/19)	Sample Received By:	Jodi Henson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SP 8 @ SURFACE (H901016-35)

BTEX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.108	0.050	03/18/2019	ND	2.06	103	2.00	1.38	
Toluene*	2.57	0.050	03/18/2019	ND	1.87	93.7	2.00	0.598	
Ethylbenzene*	5.33	0.050	03/18/2019	ND	1.93	96.7	2.00	0.318	
Total Xylenes*	19.1	0.150	03/18/2019	ND	6.08	101	6.00	0.282	
Total BTEX	27.1	0.300	03/18/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 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	8930	16.0	03/18/2019	ND	416	104	400	0.00	
TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1620	200	03/16/2019	ND	209	104	200	4.65	
DRO >C10-C28*	45000	200	03/16/2019	ND	207	103	200	4.85	
EXT DRO >C28-C36	11000	200	03/16/2019	ND					

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1620	200	03/16/2019	ND	209	104	200	4.65	
DRO >C10-C28*	45000	200	03/16/2019	ND	207	103	200	4.85	
EXT DRO >C28-C36	11000	200	03/16/2019	ND					

Surrogate: 1-Chlorooctane 302 % 41-142

Surrogate: 1-Chlorooctadecane 1540 % 37.6-147

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Analytical Results For:

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

Received:	03/15/2019	Sampling Date:	03/11/2019
Reported:	03/20/2019	Sampling Type:	Soil
Project Name:	RED TANK 26 FEDERAL #007	Sampling Condition:	Cool & Intact
Project Number:	(2/2/19)	Sample Received By:	Jodi Henson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SP 8 @ 1' (H901016-36)

BTEX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2019	ND	2.06	103	2.00	1.38	
Toluene*	<0.050	0.050	03/18/2019	ND	1.87	93.7	2.00	0.598	
Ethylbenzene*	<0.050	0.050	03/18/2019	ND	1.93	96.7	2.00	0.318	
Total Xylenes*	0.184	0.150	03/18/2019	ND	6.08	101	6.00	0.282	
Total BTEX	<0.300	0.300	03/18/2019	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	400	16.0	03/18/2019	ND	416	104	400	0.00	
TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2019	ND	209	104	200	4.65	
DRO >C10-C28*	165	10.0	03/16/2019	ND	207	103	200	4.85	
EXT DRO >C28-C36	52.9	10.0	03/16/2019	ND					

Surrogate: 1-Chlorooctane 90.1 % 41-142

Surrogate: 1-Chlorooctadecane 108 % 37.6-147

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	03/15/2019	Sampling Date:	03/11/2019
Reported:	03/20/2019	Sampling Type:	Soil
Project Name:	RED TANK 26 FEDERAL #007	Sampling Condition:	Cool & Intact
Project Number:	(2/2/19)	Sample Received By:	Jodi Henson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SP 8 @ 2' (H901016-37)

BTEX 8021B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/18/2019	ND	2.06	103	2.00	1.38		
Toluene*	<0.050	0.050	03/18/2019	ND	1.87	93.7	2.00	0.598		
Ethylbenzene*	<0.050	0.050	03/18/2019	ND	1.93	96.7	2.00	0.318		
Total Xylenes*	<0.150	0.150	03/18/2019	ND	6.08	101	6.00	0.282		
Total BTEX	<0.300	0.300	03/18/2019	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 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	224	16.0	03/18/2019	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2019	ND	209	104	200	4.65	
DRO >C10-C28*	34.3	10.0	03/16/2019	ND	207	103	200	4.85	
EXT DRO >C28-C36	<10.0	10.0	03/16/2019	ND					

Surrogate: 1-Chlorooctane 89.4 % 41-142

Surrogate: 1-Chlorooctadecane 96.8 % 37.6-147

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	03/15/2019	Sampling Date:	03/11/2019
Reported:	03/20/2019	Sampling Type:	Soil
Project Name:	RED TANK 26 FEDERAL #007	Sampling Condition:	Cool & Intact
Project Number:	(2/2/19)	Sample Received By:	Jodi Henson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SP 8 @ 3' (H901016-38)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	03/18/2019	ND	416	104	400	0.00	

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Received:	03/15/2019	Sampling Date:	03/11/2019
Reported:	03/20/2019	Sampling Type:	Soil
Project Name:	RED TANK 26 FEDERAL #007	Sampling Condition:	Cool & Intact
Project Number:	(2/2/19)	Sample Received By:	Jodi Henson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: NORTH @ SURFACE (H901016-39)

BTEX 8021B			mg/kg		Analyzed By: ms				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2019	ND	2.06	103	2.00	1.38	
Toluene*	<0.050	0.050	03/18/2019	ND	1.87	93.7	2.00	0.598	
Ethylbenzene*	<0.050	0.050	03/18/2019	ND	1.93	96.7	2.00	0.318	
Total Xylenes*	<0.150	0.150	03/18/2019	ND	6.08	101	6.00	0.282	
Total BTEX	<0.300	0.300	03/18/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 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	112	16.0	03/18/2019	ND	416	104	400	0.00	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2019	ND	209	104	200	4.65	
DRO >C10-C28*	20.4	10.0	03/16/2019	ND	207	103	200	4.85	
EXT DRO >C28-C36	<10.0	10.0	03/16/2019	ND					

Surrogate: 1-Chlorooctane 87.4 % 41-142

Surrogate: 1-Chlorooctadecane 94.7 % 37.6-147

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 Fax To: (575) 397-0397

Received:	03/15/2019	Sampling Date:	03/11/2019
Reported:	03/20/2019	Sampling Type:	Soil
Project Name:	RED TANK 26 FEDERAL #007	Sampling Condition:	Cool & Intact
Project Number:	(2/2/19)	Sample Received By:	Jodi Henson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: EAST @ SURFACE (H901016-40)

BTEX 8021B			mg/kg		Analyzed By: ms				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2019	ND	2.06	103	2.00	1.38	
Toluene*	<0.050	0.050	03/18/2019	ND	1.87	93.7	2.00	0.598	
Ethylbenzene*	<0.050	0.050	03/18/2019	ND	1.93	96.7	2.00	0.318	
Total Xylenes*	<0.150	0.150	03/18/2019	ND	6.08	101	6.00	0.282	
Total BTEX	<0.300	0.300	03/18/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 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	03/18/2019	ND	416	104	400	0.00	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2019	ND	209	104	200	4.65	
DRO >C10-C28*	16.1	10.0	03/16/2019	ND	207	103	200	4.85	
EXT DRO >C28-C36	<10.0	10.0	03/16/2019	ND					

Surrogate: 1-Chlorooctane 84.9 % 41-142

Surrogate: 1-Chlorooctadecane 91.0 % 37.6-147

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	03/15/2019	Sampling Date:	03/11/2019
Reported:	03/20/2019	Sampling Type:	Soil
Project Name:	RED TANK 26 FEDERAL #007	Sampling Condition:	Cool & Intact
Project Number:	(2/2/19)	Sample Received By:	Jodi Henson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: WEST @ SURFACE (H901016-41)

BTEX 8021B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/18/2019	ND	2.06	103	2.00	1.38		
Toluene*	<0.050	0.050	03/18/2019	ND	1.87	93.7	2.00	0.598		
Ethylbenzene*	<0.050	0.050	03/18/2019	ND	1.93	96.7	2.00	0.318		
Total Xylenes*	<0.150	0.150	03/18/2019	ND	6.08	101	6.00	0.282		
Total BTEX	<0.300	0.300	03/18/2019	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	03/18/2019	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2019	ND	209	104	200	4.65	
DRO >C10-C28*	22.6	10.0	03/16/2019	ND	207	103	200	4.85	
EXT DRO >C28-C36	<10.0	10.0	03/16/2019	ND					

Surrogate: 1-Chlorooctane 84.8 % 41-142

Surrogate: 1-Chlorooctadecane 91.8 % 37.6-147

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 Fax To: (575) 397-0397

Received:	03/15/2019	Sampling Date:	03/11/2019
Reported:	03/20/2019	Sampling Type:	Soil
Project Name:	RED TANK 26 FEDERAL #007	Sampling Condition:	Cool & Intact
Project Number:	(2/2/19)	Sample Received By:	Jodi Henson
Project Location:	OXY - LEA COUNTY, NM		

Sample ID: SOUTH @ SURFACE (H901016-42)

BTEX 8021B			mg/kg		Analyzed By: ms				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/18/2019	ND	2.06	103	2.00	1.38	
Toluene*	<0.050	0.050	03/18/2019	ND	1.87	93.7	2.00	0.598	
Ethylbenzene*	<0.050	0.050	03/18/2019	ND	1.93	96.7	2.00	0.318	
Total Xylenes*	<0.150	0.150	03/18/2019	ND	6.08	101	6.00	0.282	
Total BTEX	<0.300	0.300	03/18/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 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	64.0	16.0	03/18/2019	ND	416	104	400	0.00	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2019	ND	186	92.8	200	20.3	
DRO >C10-C28*	<10.0	10.0	03/15/2019	ND	212	106	200	18.0	
EXT DRO >C28-C36	<10.0	10.0	03/15/2019	ND					

Surrogate: 1-Chlorooctane 82.0 % 41-142

Surrogate: 1-Chlorooctadecane 87.7 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager



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

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.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
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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 Caley D. Keene, Lab Director/Quality Manager

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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Relinquished By: <i>Jeff Dimas</i>		Date: <i>3-11-19</i>	Received By: <i>Israel Pena</i>		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
		Time: <i>5:00p</i>			Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By: <i>Israel Pena</i>		Date: <i>3-15-19</i>	Received By: <i>Jodi Benson</i>		REMARKS:	
		Time: <i>8:30am</i>				
Delivered By: (Circle One)			Sample Condition	CHECKED BY:		
Sampler - UPS - Bus - Other: <i>3.80 / #97</i>			Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>	(Initials)		
			<input type="checkbox"/> Yes <input type="checkbox"/> Yes	<i>[Signature]</i>		
			<input type="checkbox"/> No <input type="checkbox"/> No			

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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Company Name: BBC International, Inc.				BILL TO				ANALYSIS REQUEST																	
Project Manager: Cliff Brunson				P.O. #:																					
Address: P.O. Box 805				Company: <i>Oxy</i>																					
City: Hobbs		State: NM		Zip: 88241		Attn: <i>W. Starch</i>																			
Phone #: 575-397-6388		Fax #: 575-397-0397		Address:																					
Project #:		Project Owner: <i>Oxy</i>		City:																					
Project Name: Red Tank 26 Federal #007 (2/2/19)				State:																Zip:					
Project Location: Lea County, NM				Phone #:																					
Sampler Name: Jeff Ornelas				Fax #:																					
FOR LAB USE ONLY																									
Lab I.D.		Sample I.D.		GRAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV.		SAMPLING		C/I		BTEX		TPH/EXT							
				GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE												OTHER:	
<i>H901016</i>				<i>G</i>		<i>1</i>		<i>✓</i>		<i>✓</i>				<i>✓</i>		<i>✓</i>		<i>✓</i>							
<i>21</i>		SP4 @ 2'		<i>G</i>		<i>1</i>		<i>✓</i>		<i>✓</i>				<i>✓</i>		<i>✓</i>		<i>✓</i>							
<i>22</i>		SP4 @ 3'		<i>G</i>		<i>1</i>		<i>✓</i>		<i>✓</i>				<i>✓</i>		<i>✓</i>		<i>✓</i>							
<i>23</i>		SP4 @ 4'		<i>G</i>		<i>1</i>		<i>✓</i>		<i>✓</i>				<i>✓</i>		<i>✓</i>		<i>✓</i>							
<i>24</i>		SP4 @ 5'		<i>G</i>		<i>1</i>		<i>✓</i>		<i>✓</i>				<i>✓</i>		<i>✓</i>		<i>✓</i>							
<i>25</i>		SP5 @ SURFACE		<i>G</i>		<i>1</i>		<i>✓</i>		<i>✓</i>				<i>✓</i>		<i>✓</i>		<i>✓</i>							
<i>26</i>		SP5 @ 1'		<i>G</i>		<i>1</i>		<i>✓</i>		<i>✓</i>				<i>✓</i>		<i>✓</i>		<i>✓</i>							
<i>27</i>		SP5 @ 2'		<i>G</i>		<i>1</i>		<i>✓</i>		<i>✓</i>				<i>✓</i>		<i>✓</i>		<i>✓</i>							
<i>28</i>		SP6 @ SURFACE		<i>G</i>		<i>1</i>		<i>✓</i>		<i>✓</i>				<i>✓</i>		<i>✓</i>		<i>✓</i>							
<i>29</i>		SP6 @ 1'		<i>G</i>		<i>1</i>		<i>✓</i>		<i>✓</i>				<i>✓</i>		<i>✓</i>		<i>✓</i>							
<i>30</i>		SP6 @ 2'		<i>G</i>		<i>1</i>		<i>✓</i>		<i>✓</i>				<i>✓</i>		<i>✓</i>		<i>✓</i>							

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Relinquished By: <i>[Signature]</i>		Date: <i>3/11/19</i> Time: <i>5:00p</i>		Received By: <i>Israel Pena</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>Israel Pena</i>		Date: <i>3-12-19</i> Time: <i>2:00 PM</i>		Received By: <i>Jodi Henson</i>			
Delivered By: (Circle One) Sampler - UPS - Bus - Other: <i>3.80c / #97</i>				Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No		CHECKED BY: (Initials) <i>[Signature]</i>	

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

4 of 5

BILL TO						ANALYSIS REQUEST												
Company Name: BBC International, Inc.						P.O. #:												
Project Manager: Cliff Brunson						Company:												
Address: P.O. Box 805						Attn:												
City: Hobbs		State: NM		Zip: 88241		Address:												
Phone #: 575-397-6388		Fax #: 575-397-0397		City:														
Project #:		Project Owner: Oxy		State: Zip:														
Project Name: Red Tank 26 Federal #007 (2/2/19)						Phone #:												
Project Location: Lea County, NM						Fax #:												
Sampler Name: Jeff Ornelas																		
FOR LAB USE ONLY	Lab I.D.	Sample I.D.	G/RAB OR (C)OMP. # CONTAINERS	MATRIX GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER :	PRESERV. ACID/BASE: ICE / COOL OTHER :	SAMPLING DATE TIME	C1	BEX	TPH EXJ									
H901016	SP7 @ SURFACE					3/11/19 10:55 AM	✓	✓	✓									
31	SP7 @ 1'					3/11/19 11:11 AM	✓	✓	✓									
32	SP7 @ 2'					3/11/19 11:29 AM	✓	✓	✓									
33	SP7 @ 3'					3/11/19 11:41 AM	✓											
34	SP8 @ SURFACE					3/11/19 11:52 AM	✓	✓	✓									
35	SP8 @ 1'					3/11/19 12:12 PM	✓	✓	✓									
36	SP8 @ 2'					3/11/19 12:52 PM	✓	✓	✓									
37	SP8 @ 3'					3/11/19 1:11 PM	✓											
38	NORTH @ SURFACE					3/11/19 1:22 PM	✓	✓	✓									
39	EAST @ SURFACE					3/11/19 1:33 PM	✓	✓	✓									
40																		

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Relinquished By: <i>[Signature]</i> Date: <i>3/1/19</i> Time: <i>5:00pm</i>				Received By: <i>[Signature]</i> Date: <i>3/1/19</i> Time: <i>6:30pm</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>3-15-19</i> Time: <i>6:30pm</i>				Received By: <i>[Signature]</i> Date: <i>3-15-19</i> Time: <i>6:30pm</i>							
Delivered By: (Circle One) Sampler - UPS - Bus - Other: <i>3.8°C / #97</i>				Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No				CHECKED BY: (Initials) <i>[Signature]</i>			

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Relinquished By: <i>[Signature]</i>		Date: <i>3/11/19</i> Time: <i>5:00p</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>3-15-19</i> Time: <i>6:30pm</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>3.8°C / #97</i>			Sample Condition Cool <input type="checkbox"/> Intact <input checked="" type="checkbox"/> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No	CHECKED BY: <i>[Signature]</i> (Initials)		
REMARKS: _____						

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