



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

DELINEATION/REMEDIATION WORKPLAN

OXY – Red Tank 34 Federal #3 (Leak Date: 5/24/20)

Incident ID: NRM2015542482

This delineation workplan and remediation proposal addresses the releases associated with Incident ID #NRM2015542482.

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, and SP2 (BLUE shade on diagram) will be excavated to a depth of 1 foot. The leak area near SP3 (PURPLE shade on diagram) will be excavated to a depth of 2 feet.

Bottom confirmation samples will be collected every 75 feet. The estimated amount of soil to be excavated is 49 cubic yards. Remediation activities will commence within 90 days of all approvals.

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

State of New Mexico
Oil Conservation Division

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Incident ID	NRM2015542482
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	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

State of New Mexico
Oil Conservation Division

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Incident ID	NRM2015542482
District RP	
Facility ID	
Application ID	

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

Printed Name: Wade Dittrich Title: Environmental Coordinator
 Signature:  Date: 7-17-20
 email: wade_dittrich@oxy.com Telephone: (575) 390-2828

OCD Only

Received by: _____ Date: _____

Form C-141

State of New Mexico
Oil Conservation Division

Page 5

Incident ID	NRM2015542482
District RP	
Facility ID	
Application ID	

Remediation Plan

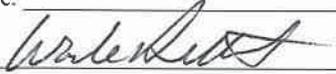
Remediation Plan Checklist: *Each of the following items must be included in the plan.*

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

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

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

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

Printed Name: Wade Dittrich Title: Environmental Coordinator
 Signature:  Date: 7-17-20
 email: wade_dittrich@oxy.com Telephone: (575) 390-2828

OCD Only

Received by: _____ Date: _____

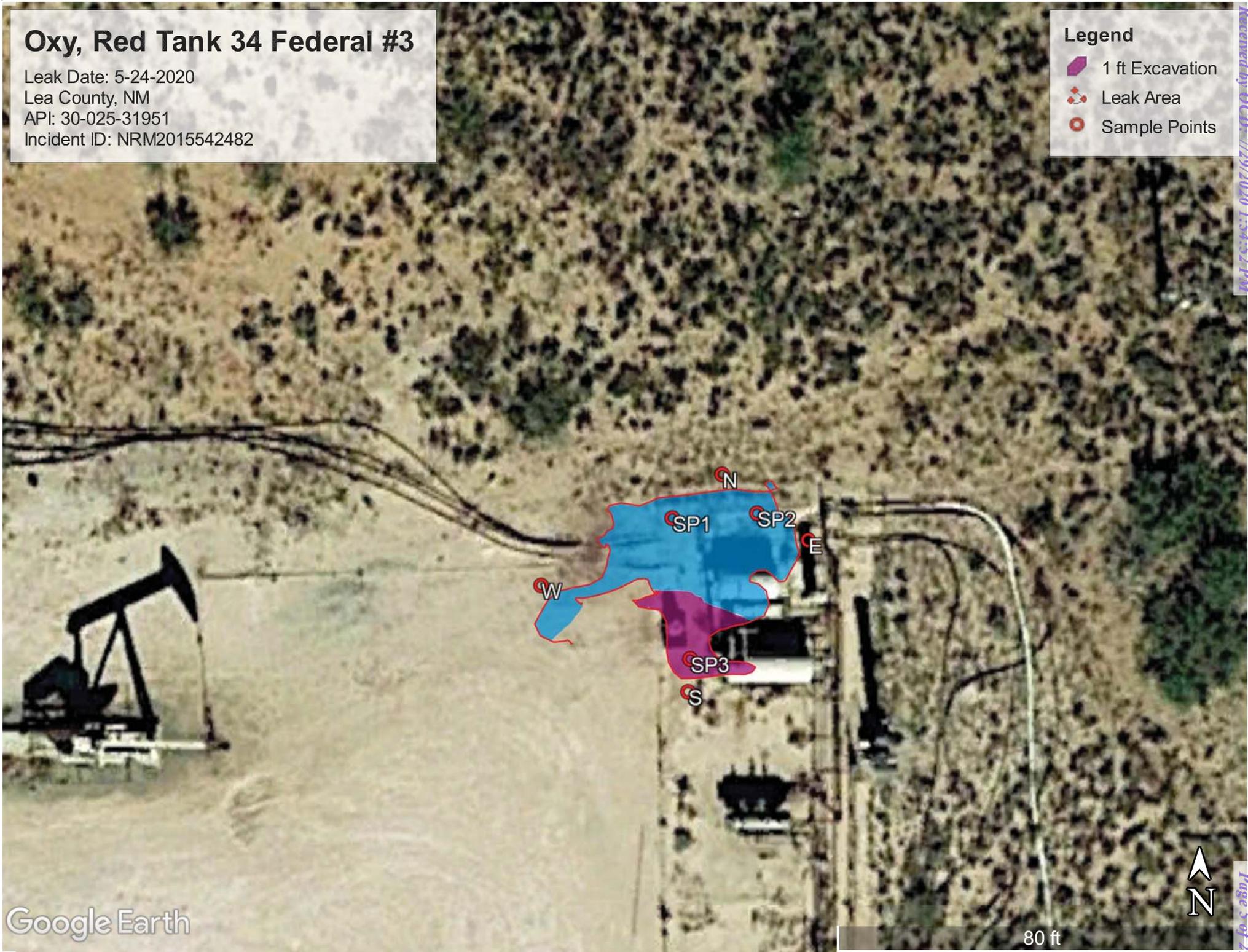
- Approved Approved with Attached Conditions of Approval Denied Deferral Approved

Signature: _____ Date: _____

Oxy, Red Tank 34 Federal #3

Leak Date: 5-24-2020
Lea County, NM
API: 30-025-31951
Incident ID: NRM2015542482

- Legend**
- 1 ft Excavation
 - Leak Area
 - Sample Points



Oxy, Red Tank 34 Federal #3 (5-24-20)

Sample points

SP1, N 32.35013 W-103.65584

SP2, N 32.35013 W-103.65579

SP3, N 32.35006 W-103.65583

NORTH, N 32.35016 W-103.65581

EAST, N 32.35012 W-103.65575

WEST, N 32.35010 W-103.65592

SOUTH, N 32.35004 W-103.65583



USGS Home
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National Water Information System: Web Interface

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Data Category: Geographic Area:

Click to hide News Bulletins

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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?>

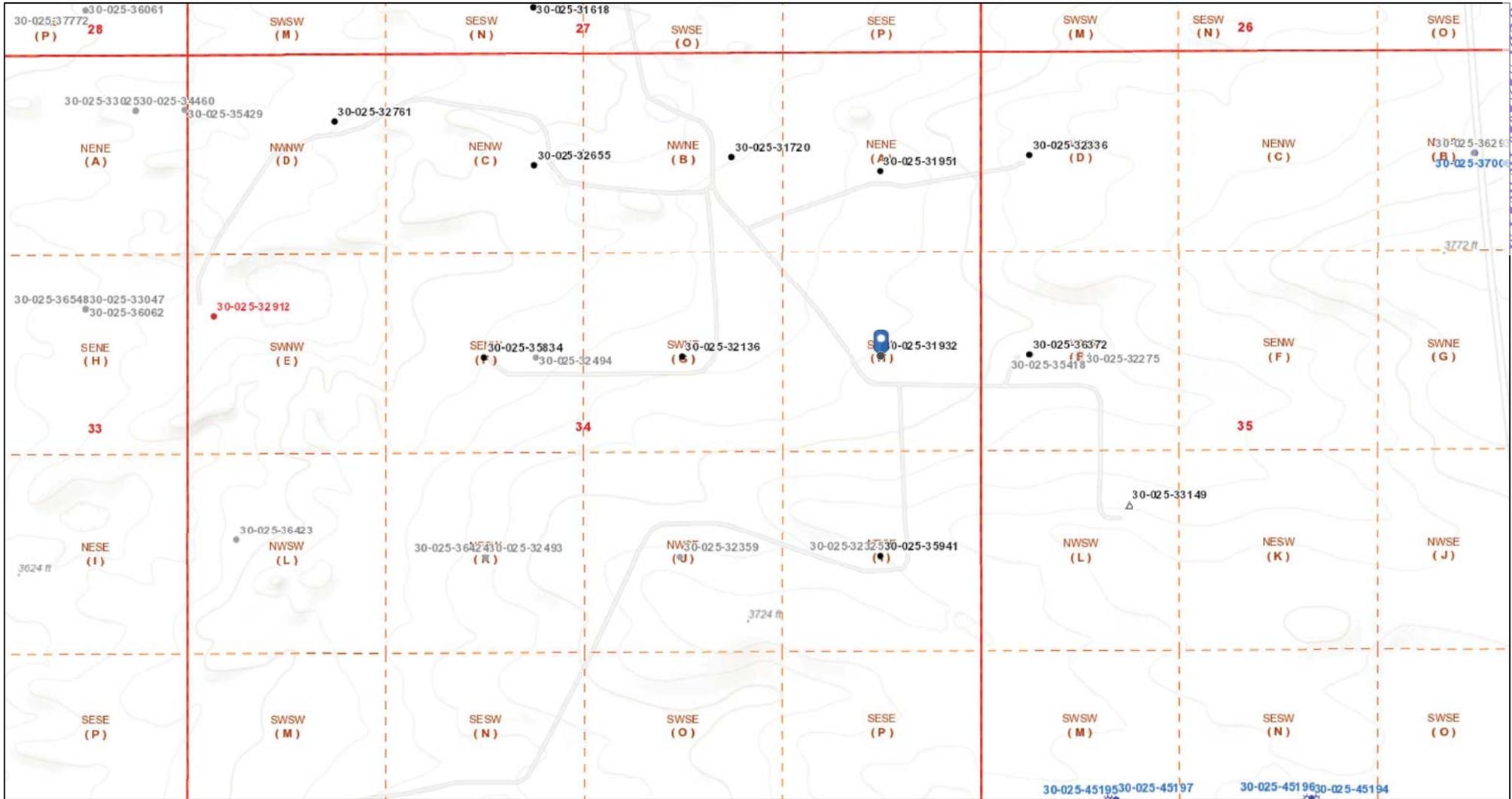


Page Contact Information: [New Mexico Water Data Maintainer](#)

Page Last Modified: 2020-05-28 10:49:15 EDT

0.72 0.28 nadww02

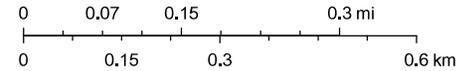
Oxy Red Tank 34 Federal #3 (5-24-20) 3,000+ to h2o



5/28/2020 8:38:45 AM

- | | | | | |
|---------------------|----------------------------|----------------------------------|---------------------------------|---|
| Wells - Large Scale | CO2, Temporarily Abandoned | Injection, Active | Oil, Cancelled | Salt Water Injection, New |
| undefined | Gas, Active | Injection, Cancelled | Oil, New | Salt Water Injection, Plugged |
| Miscellaneous | Gas, Cancelled | Injection, New | Oil, Plugged | Salt Water Injection, Temporarily Abandoned |
| CO2, Active | Gas, New | Injection, Plugged | Oil, Temporarily Abandoned | Water, Active |
| CO2, Cancelled | Gas, Plugged | Injection, Temporarily Abandoned | Salt Water Injection, Active | Water, Cancelled |
| CO2, New | Gas, Temporarily Abandoned | Oil, Active | Salt Water Injection, Cancelled | Water, New |
| CO2, Plugged | | | | |

1:9,028



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

Oxy Red Tank 34 Federal #3

BLM CAVE KARST MAP

Legend

-  Leak Area
-  Low Potential

Received by OCD: 7/29/2020 1:54:52 PM

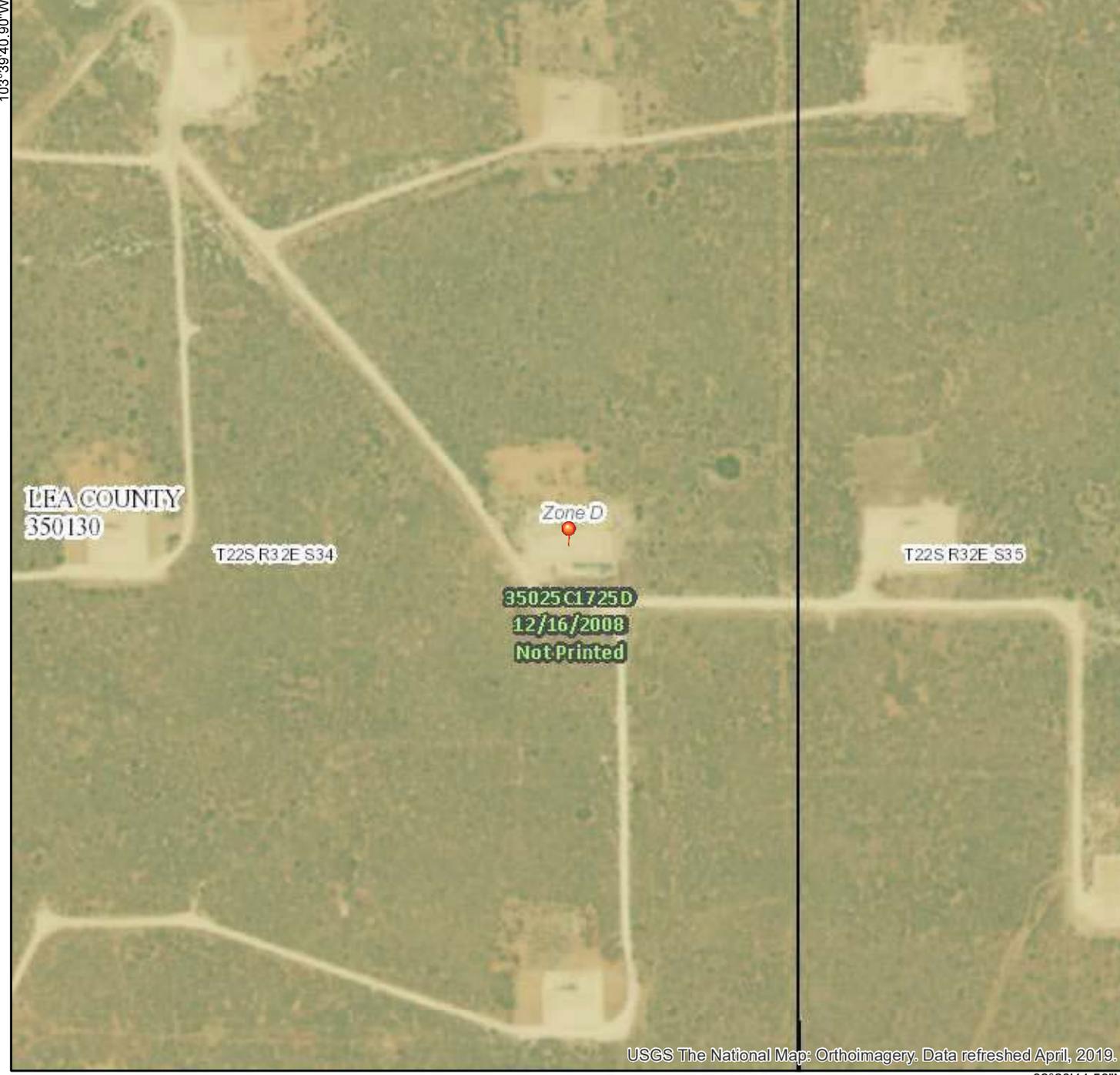
Leak Date: 5-24-20 API:
30-025-31951
Incident ID: NRM2015542482



National Flood Hazard Layer FIRMette



32°21'14.98"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 X |
| 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 Water Surface Elevation |
| | | Coastal Transect |
| | | Base Flood Elevation Line (BFE) |
| | | Limit of Study |
| | | Jurisdiction Boundary |
| | | Coastal Transect Baseline |
| | | Profile Baseline |
| | | Hydrographic Feature |
| 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 5/28/2020 at 10:52:19 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.

Received by OCD: 7/29/2020 1:54:52 PM

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Laboratory Analytical Results Summary
Oxy, Red Tank 34 Fed #3 (5-24-20)

		Sample ID	North @ Surface	East @ Surface	West @ Surface	South @ Surface
Analyte	Method	Date	7/6/20	7/6/20	7/6/20	7/6/20
			mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		16.0	16.0	16.0	<16.0
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0

		Sample ID	SP1 @ Surface	SP1 @ 1'	SP1 @ 2'	SP1 @ 3'
Analyte	Method	Date	7/6/20	7/6/20	7/6/20	7/6/20
			mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	n/a	n/a
Toluene	BTEX 8021B		<0.050	<0.050	n/a	n/a
Ethylbenzene	BTEX 8021B		<0.050	<0.050	n/a	n/a
Total Xylenes	BTEX 8021B		<0.150	<0.150	n/a	n/a
Total BTEX	BTEX 8021B		<0.300	<0.300	n/a	n/a
Chloride	SM4500Cl-B		12300	256	320	<16.0
GRO	TPH 8015M		<10.0	<10.0	n/a	n/a
DRO	TPH 8015M		1180	<10.0	<10.0	<10.0
EXT DRO	TPH 8015M		483	<10.0	<10.0	<10.0

		Sample ID	SP2 @ Surface	SP2 @ 1'	SP2 @ 2'
Analyte	Method	Date	7/6/20	7/6/20	7/6/20
			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		<0.050	<0.050	n/a
Total Xylenes	BTEX 8021B		<0.150	<0.150	n/a
Total BTEX	BTEX 8021B		<0.300	<0.300	n/a
Chloride	SM4500Cl-B		752	96.0	64.0
GRO	TPH 8015M		<10.0	<10.0	n/a
DRO	TPH 8015M		78.9	464	n/a
EXT DRO	TPH 8015M		30.0	144	n/a

		Sample ID	SP3 @ Surface	SP3 @ 1'	SP3 @ 2'	SP3 @ 3'
Analyte	Method	Date	7/6/20	7/6/20	7/7/20	7/7/20
			mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	n/a	n/a
Toluene	BTEX 8021B		<0.050	<0.050	n/a	n/a
Ethylbenzene	BTEX 8021B		<0.050	<0.050	n/a	n/a
Total Xylenes	BTEX 8021B		<0.150	<0.150	n/a	n/a
Total BTEX	BTEX 8021B		<0.300	<0.300	n/a	n/a
Chloride	SM4500Cl-B		12900	4000	288	32.0
GRO	TPH 8015M		<10.0	<10.0	n/a	n/a
DRO	TPH 8015M		655	23.3	n/a	n/a
EXT DRO	TPH 8015M		164	17.2	n/a	n/a



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

July 10, 2020

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: RED TANK 34 FEDERAL #3

Enclosed are the results of analyses for samples received by the laboratory on 07/08/20 14:30.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

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:	07/08/2020	Sampling Date:	07/06/2020
Reported:	07/10/2020	Sampling Type:	Soil
Project Name:	RED TANK 34 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	(5-24-20)	Sample Received By:	Jodi Henson
Project Location:	OXY - LEA CO NM		

Sample ID: N @ SURFACE (H001795-01)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/08/2020	ND	1.86	93.1	2.00	4.12		
Toluene*	<0.050	0.050	07/08/2020	ND	1.88	94.1	2.00	4.33		
Ethylbenzene*	<0.050	0.050	07/08/2020	ND	1.91	95.5	2.00	4.49		
Total Xylenes*	<0.150	0.150	07/08/2020	ND	5.53	92.2	6.00	4.41		
Total BTEX	<0.300	0.300	07/08/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	07/09/2020	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	07/08/2020	ND	171	85.6	200	0.335		
DRO >C10-C28*	<10.0	10.0	07/08/2020	ND	165	82.6	200	1.16		
EXT DRO >C28-C36	<10.0	10.0	07/08/2020	ND						

Surrogate: 1-Chlorooctane 77.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 79.9 % 42.2-156

Cardinal Laboratories

* = Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/08/2020	Sampling Date:	07/06/2020
Reported:	07/10/2020	Sampling Type:	Soil
Project Name:	RED TANK 34 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	(5-24-20)	Sample Received By:	Jodi Henson
Project Location:	OXY - LEA CO NM		

Sample ID: E @ SURFACE (H001795-02)

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	07/08/2020	ND	1.86	93.1	2.00	4.12		
Toluene*	<0.050	0.050	07/08/2020	ND	1.88	94.1	2.00	4.33		
Ethylbenzene*	<0.050	0.050	07/08/2020	ND	1.91	95.5	2.00	4.49		
Total Xylenes*	<0.150	0.150	07/08/2020	ND	5.53	92.2	6.00	4.41		
Total BTEX	<0.300	0.300	07/08/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	07/09/2020	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	07/08/2020	ND	171	85.6	200	0.335		
DRO >C10-C28*	<10.0	10.0	07/08/2020	ND	165	82.6	200	1.16		
EXT DRO >C28-C36	<10.0	10.0	07/08/2020	ND						

Surrogate: 1-Chlorooctane 78.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 82.7 % 42.2-156

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/08/2020	Sampling Date:	07/06/2020
Reported:	07/10/2020	Sampling Type:	Soil
Project Name:	RED TANK 34 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	(5-24-20)	Sample Received By:	Jodi Henson
Project Location:	OXY - LEA CO NM		

Sample ID: W @ SURFACE (H001795-03)

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	07/08/2020	ND	1.86	93.1	2.00	4.12		
Toluene*	<0.050	0.050	07/08/2020	ND	1.88	94.1	2.00	4.33		
Ethylbenzene*	<0.050	0.050	07/08/2020	ND	1.91	95.5	2.00	4.49		
Total Xylenes*	<0.150	0.150	07/08/2020	ND	5.53	92.2	6.00	4.41		
Total BTEX	<0.300	0.300	07/08/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	07/09/2020	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	07/08/2020	ND	171	85.6	200	0.335		
DRO >C10-C28*	<10.0	10.0	07/08/2020	ND	165	82.6	200	1.16		
EXT DRO >C28-C36	<10.0	10.0	07/08/2020	ND						

Surrogate: 1-Chlorooctane 76.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 81.6 % 42.2-156

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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:	07/08/2020	Sampling Date:	07/06/2020
Reported:	07/10/2020	Sampling Type:	Soil
Project Name:	RED TANK 34 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	(5-24-20)	Sample Received By:	Jodi Henson
Project Location:	OXY - LEA CO NM		

Sample ID: S @ SURFACE (H001795-04)

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	07/08/2020	ND	1.86	93.1	2.00	4.12		
Toluene*	<0.050	0.050	07/08/2020	ND	1.88	94.1	2.00	4.33		
Ethylbenzene*	<0.050	0.050	07/08/2020	ND	1.91	95.5	2.00	4.49		
Total Xylenes*	<0.150	0.150	07/08/2020	ND	5.53	92.2	6.00	4.41		
Total BTEX	<0.300	0.300	07/08/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/09/2020	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	07/08/2020	ND	171	85.6	200	0.335		
DRO >C10-C28*	<10.0	10.0	07/08/2020	ND	165	82.6	200	1.16		
EXT DRO >C28-C36	<10.0	10.0	07/08/2020	ND						

Surrogate: 1-Chlorooctane 64.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 70.8 % 42.2-156

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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:	07/08/2020	Sampling Date:	07/06/2020
Reported:	07/10/2020	Sampling Type:	Soil
Project Name:	RED TANK 34 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	(5-24-20)	Sample Received By:	Jodi Henson
Project Location:	OXY - LEA CO NM		

Sample ID: SP 1 @ SURFACE (H001795-05)

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	07/08/2020	ND	1.86	93.1	2.00	4.12	
Toluene*	<0.050	0.050	07/08/2020	ND	1.88	94.1	2.00	4.33	
Ethylbenzene*	<0.050	0.050	07/08/2020	ND	1.91	95.5	2.00	4.49	
Total Xylenes*	<0.150	0.150	07/08/2020	ND	5.53	92.2	6.00	4.41	
Total BTEX	<0.300	0.300	07/08/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12300	16.0	07/09/2020	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	07/08/2020	ND	171	85.6	200	0.335	
DRO >C10-C28*	1180	10.0	07/08/2020	ND	165	82.6	200	1.16	
EXT DRO >C28-C36	483	10.0	07/08/2020	ND					

Surrogate: 1-Chlorooctane 76.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 128 % 42.2-156

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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:	07/08/2020	Sampling Date:	07/06/2020
Reported:	07/10/2020	Sampling Type:	Soil
Project Name:	RED TANK 34 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	(5-24-20)	Sample Received By:	Jodi Henson
Project Location:	OXY - LEA CO NM		

Sample ID: SP 1 @ 1' (H001795-06)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/09/2020	ND	1.82	90.8	2.00	8.69	
Toluene*	<0.050	0.050	07/09/2020	ND	1.83	91.4	2.00	8.81	
Ethylbenzene*	<0.050	0.050	07/09/2020	ND	1.83	91.3	2.00	9.43	
Total Xylenes*	<0.150	0.150	07/09/2020	ND	5.26	87.6	6.00	9.48	
Total BTEX	<0.300	0.300	07/09/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	07/09/2020	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	07/08/2020	ND	171	85.6	200	0.335	
DRO >C10-C28*	<10.0	10.0	07/08/2020	ND	165	82.6	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	07/08/2020	ND					

Surrogate: 1-Chlorooctane 77.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 83.5 % 42.2-156

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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:	07/08/2020	Sampling Date:	07/06/2020
Reported:	07/10/2020	Sampling Type:	Soil
Project Name:	RED TANK 34 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	(5-24-20)	Sample Received By:	Jodi Henson
Project Location:	OXY - LEA CO NM		

Sample ID: SP 1 @ 2' (H001795-07)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	07/09/2020	ND	432	108	400	3.77	

Sample ID: SP 1 @ 3' (H001795-08)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/09/2020	ND	432	108	400	3.77	

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Analytical Results For:

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

Received:	07/08/2020	Sampling Date:	07/06/2020
Reported:	07/10/2020	Sampling Type:	Soil
Project Name:	RED TANK 34 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	(5-24-20)	Sample Received By:	Jodi Henson
Project Location:	OXY - LEA CO NM		

Sample ID: SP 2 @ SURFACE (H001795-09)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/09/2020	ND	1.82	90.8	2.00	8.69	
Toluene*	<0.050	0.050	07/09/2020	ND	1.83	91.4	2.00	8.81	
Ethylbenzene*	<0.050	0.050	07/09/2020	ND	1.83	91.3	2.00	9.43	
Total Xylenes*	<0.150	0.150	07/09/2020	ND	5.26	87.6	6.00	9.48	
Total BTEX	<0.300	0.300	07/09/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	752	16.0	07/09/2020	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	07/08/2020	ND	171	85.6	200	0.335	
DRO >C10-C28*	78.9	10.0	07/08/2020	ND	165	82.6	200	1.16	
EXT DRO >C28-C36	30.0	10.0	07/08/2020	ND					

Surrogate: 1-Chlorooctane 71.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 81.1 % 42.2-156

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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:	07/08/2020	Sampling Date:	07/06/2020
Reported:	07/10/2020	Sampling Type:	Soil
Project Name:	RED TANK 34 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	(5-24-20)	Sample Received By:	Jodi Henson
Project Location:	OXY - LEA CO NM		

Sample ID: SP 2 @ 1' (H001795-10)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/09/2020	ND	1.82	90.8	2.00	8.69	
Toluene*	<0.050	0.050	07/09/2020	ND	1.83	91.4	2.00	8.81	
Ethylbenzene*	<0.050	0.050	07/09/2020	ND	1.83	91.3	2.00	9.43	
Total Xylenes*	<0.150	0.150	07/09/2020	ND	5.26	87.6	6.00	9.48	
Total BTEX	<0.300	0.300	07/09/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	07/09/2020	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	07/08/2020	ND	171	85.6	200	0.335	
DRO >C10-C28*	464	10.0	07/08/2020	ND	165	82.6	200	1.16	
EXT DRO >C28-C36	144	10.0	07/08/2020	ND					

Surrogate: 1-Chlorooctane 80.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 103 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	07/08/2020	Sampling Date:	07/06/2020
Reported:	07/10/2020	Sampling Type:	Soil
Project Name:	RED TANK 34 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	(5-24-20)	Sample Received By:	Jodi Henson
Project Location:	OXY - LEA CO NM		

Sample ID: SP 2 @ 2' (H001795-11)

Chloride, SM4500Cl-B	mg/kg	Analyzed By: GM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/09/2020	ND	432	108	400	3.77	

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Received:	07/08/2020	Sampling Date:	07/06/2020
Reported:	07/10/2020	Sampling Type:	Soil
Project Name:	RED TANK 34 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	(5-24-20)	Sample Received By:	Jodi Henson
Project Location:	OXY - LEA CO NM		

Sample ID: SP 3 @ SURFACE (H001795-12)

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	07/09/2020	ND	1.82	90.8	2.00	8.69	
Toluene*	<0.050	0.050	07/09/2020	ND	1.83	91.4	2.00	8.81	
Ethylbenzene*	<0.050	0.050	07/09/2020	ND	1.83	91.3	2.00	9.43	
Total Xylenes*	<0.150	0.150	07/09/2020	ND	5.26	87.6	6.00	9.48	
Total BTEX	<0.300	0.300	07/09/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12900	16.0	07/09/2020	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	07/09/2020	ND	202	101	200	0.556	
DRO >C10-C28*	655	10.0	07/09/2020	ND	194	97.0	200	1.95	
EXT DRO >C28-C36	164	10.0	07/09/2020	ND					

Surrogate: 1-Chlorooctane 92.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 118 % 42.2-156

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Analytical Results For:

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

Received:	07/08/2020	Sampling Date:	07/06/2020
Reported:	07/10/2020	Sampling Type:	Soil
Project Name:	RED TANK 34 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	(5-24-20)	Sample Received By:	Jodi Henson
Project Location:	OXY - LEA CO NM		

Sample ID: SP 3 @ 1' (H001795-13)

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	07/09/2020	ND	1.82	90.8	2.00	8.69	
Toluene*	<0.050	0.050	07/09/2020	ND	1.83	91.4	2.00	8.81	
Ethylbenzene*	<0.050	0.050	07/09/2020	ND	1.83	91.3	2.00	9.43	
Total Xylenes*	<0.150	0.150	07/09/2020	ND	5.26	87.6	6.00	9.48	
Total BTEX	<0.300	0.300	07/09/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4000	16.0	07/09/2020	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	07/09/2020	ND	202	101	200	0.556	
DRO >C10-C28*	23.3	10.0	07/09/2020	ND	194	97.0	200	1.95	
EXT DRO >C28-C36	17.2	10.0	07/09/2020	ND					

Surrogate: 1-Chlorooctane 101 % 44.3-144

Surrogate: 1-Chlorooctadecane 98.3 % 42.2-156

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* = Accredited Analyte

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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:	07/08/2020	Sampling Date:	07/07/2020
Reported:	07/10/2020	Sampling Type:	Soil
Project Name:	RED TANK 34 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	(5-24-20)	Sample Received By:	Jodi Henson
Project Location:	OXY - LEA CO NM		

Sample ID: SP 3 @ 2' (H001795-14)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	07/09/2020	ND	432	108	400	3.77	

Sample ID: SP 3 @ 3' (H001795-15)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/09/2020	ND	432	108	400	3.77	

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- 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



CARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(1082)

Company Name: BBC International, Inc.				BILL TO			ANALYSIS REQUEST																						
Project Manager: Cliff Brunson				P.O. #:																									
Address: P.O. Box 805				Company: OXY																									
City: Hobbs		State: NM		Zip: 88241		Attn: WADE																							
Phone #: 575-397-6388		Fax #: 575-397-0397		Address:																									
Project #:		Project Owner: Oxy		City:																									
Project Name: RED TANK 34 FED #3 (5-24-20)				State:			Zip:																						
Project Location: LEA COUNTY, NM				Phone #:																									
Sampler Name: Simon Rendon				Fax #:																									
FOR LAB USE ONLY																													
Lab I.D.		Sample I.D.		(GRAB OR (C)OMP. # CONTAINERS	MATRIX				PRESERV.		SAMPLING																		
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	CL	BTEX	TPH	EXT										
HDD1795				6																									
1	N @ Surface													7-6-20	10:05 AM	✓	✓	✓											
2	E @ Surface													7-6-20	10:19 AM	✓	✓	✓											
3	W @ Surface													7-6-20	10:34 AM	✓	✓	✓											
4	S @ Surface													7-6-20	10:48 AM	✓	✓	✓											
5	SP1 @ Surface													7-6-20	1:15 PM	✓	✓	✓											
6	SP1 @ 1'													7-6-20	1:28 PM	✓	✓	✓											
7	SP1 @ 2'													7-6-20	1:44 PM	✓													
8	SP1 @ 3'													7-6-20	1:58 PM	✓													
9	SP2 @ Surface													7-6-20	2:12 PM	✓	✓	✓											
10	SP2 @ 1'													7-6-20	2:23 PM	✓	✓	✓											

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Relinquished By:		Date: 7/8/20		Received By:		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:	
		Time: 14:30				Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:	
Relinquished By:		Date:		Received By:		REMARKS:			
		Time:							
Delivered By: (Circle One) Sampler - UPS - Bus - Other: -9.8°C / #113				Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No		CHECKED BY: (Initials) 			

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(2082)

Company Name: BBC International, Inc.				BILL TO				ANALYSIS REQUEST																							
Project Manager: Cliff Brunson				P.O. #:																											
Address: P.O. Box 805				Company: OXY																											
City: Hobbs		State: NM		Zip: 88241		Attn: WADE																									
Phone #: 575-397-6388		Fax #: 575-397-0397		Address:																											
Project #:		Project Owner: Oxy		City:																											
Project Name: RED TANK 34 FED #3 (5-24-20)				State:				Zip:																							
Project Location: LEA COUNTY, NM				Phone #:																											
Sampler Name: Simon Rendon				Fax #:																											
FOR LAB USE ONLY																															
Lab I.D.		Sample I.D.		# CONTAINERS	MATRIX				PRESERV.			SAMPLING																			
				(G)RAB OR (C)OMP.	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	CL	BTEX	TPH	EXT												
ADD1795																															
11		SP2 @ 2'		5										7-6-20	2:40 PM	✓															
12		SP3 @ Surface												7-6-20	2:52 PM	✓	✓	✓													
13		SP3 @ 1'												7-6-20	3:09 PM	✓	✓	✓													
14		SP3 @ 2'												7-7-20	9:05 AM	✓															
15		SP3 @ 3'												7-7-20	9:17 AM	✓															

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Relinquished By:		Date: 7/8/20		Received By:		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:	
Time: 14:30		Date: 7/8/20		Received By:		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:	
Relinquished By:		Date:		Received By:		REMARKS:			
Time:									
Delivered By: (Circle One)				Sample Condition		CHECKED BY:			
Sampler - UPS - Bus - Other: 9.80c/#113				Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>					
				Yes <input type="checkbox"/> No <input type="checkbox"/>					
				Yes <input type="checkbox"/> No <input type="checkbox"/>					

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