



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 WORKPLAN

CHEVRON – MIDWAY STATE BATTERY

(Leak Date: 6/12/20)

Incident # - NRM2019524383

This delineation workplan and remediation proposal addresses the releases associated with Incident Reference #: NRM2019524383.

The following information includes:

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

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

Chevron will excavate the spill area as depicted on the following site diagram. The leak area near SP1 (PINK shade on diagram) will be excavated to a depth of 2 feet. The leak area near SP2 (PURPLE shade on diagram) will be excavated to a depth of 3 feet. The leak area near SP3 (GREEN shade on diagram) will be excavated to a depth of 4 feet.

Bottom and sidewall confirmation samples will be collected at no greater than 300 square ft. intervals. Estimated volume of material to be removed is 421 cubic yards. The remediation will be completed within 90 days of approval.

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

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

Incident ID	NRM2019524383
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?	<u>44</u> (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.*

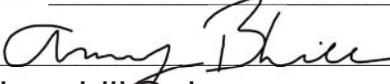
- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- Field data
- Data table of soil contaminant concentration data
- Depth to water determination
- Determination of water sources and significant watercourses within ½-mile of the 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.

Oil Conservation Division

Incident ID	NRM2019524383
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: Amy Barnhill Title: Lead Environmental Specialist Water
 Signature:  Date: 3-16-21
 email: abarnhill@chevron.com Telephone: (432) 687-7108

OCD Only

Received by: Cristina Eads Date: 03/22/2021

Incident ID	NRM2019524383
District RP	
Facility ID	
Application ID	

Remediation Plan

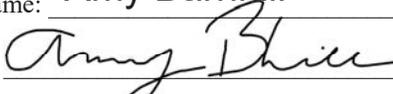
Remediation Plan Checklist: Each of the following items must be included in the plan.

- 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: Amy Barnhill Title: Lead Environmental Specialist Waste & Water
 Signature:  Date: 3-16-21
 email: abarnhill@chevron.com Telephone: (432) 687-7108

OCD Only

Received by: Cristina Eads Date: 03/22/2021

- Approved Approved with Attached Conditions of Approval Denied Deferral Approved

Signature:  Date: 07/19/2021

Chevron Midway State Battery

Leak Date: 6-12-2020
Lea County, NM
Incident ID: NRM2019524383

Legend

-  2' excavation
-  3' excavation
-  4' excavation
-  Leak Area
-  Sample Points
-  Zero Remediation



Google Earth

Chevron Midway State Battery

Leak Date (6-12-20)

Sample points

SP1, N 32.851406 W-103.30707

SP2, N 32.85142 W-103.30724

SP3, N 32.85150 W-103.30738

SP4, N 32.85145 W-103.30752

NORTH, N 32.85154 W-103.30735

EAST, N 32.85141 W-103.30702

WEST, N 32.85146 W-103.30756

SOUTH, N 32.85141 W-103.30731



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National Water Information System: Web Interface

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Data Category: Geographic Area:

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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 =

- 325106103182601

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

USGS 325106103182601 17S.36E.12.121

Lea County, New Mexico
 Latitude 32°51'20", Longitude 103°18'38" NAD27
 Land-surface elevation 3,822 feet above NGVD29

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
1961-03-03		D	34.68				2		U	
1966-03-17		D	38.30				2		U	
1971-02-10		D	41.98				2		U	
1976-02-27		D	44.10				2		U	

Explanation

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

- [Questions about sites/data?](#)
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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: 2020-07-15 16:15:46 EDT

0.28 0.26 nadww02

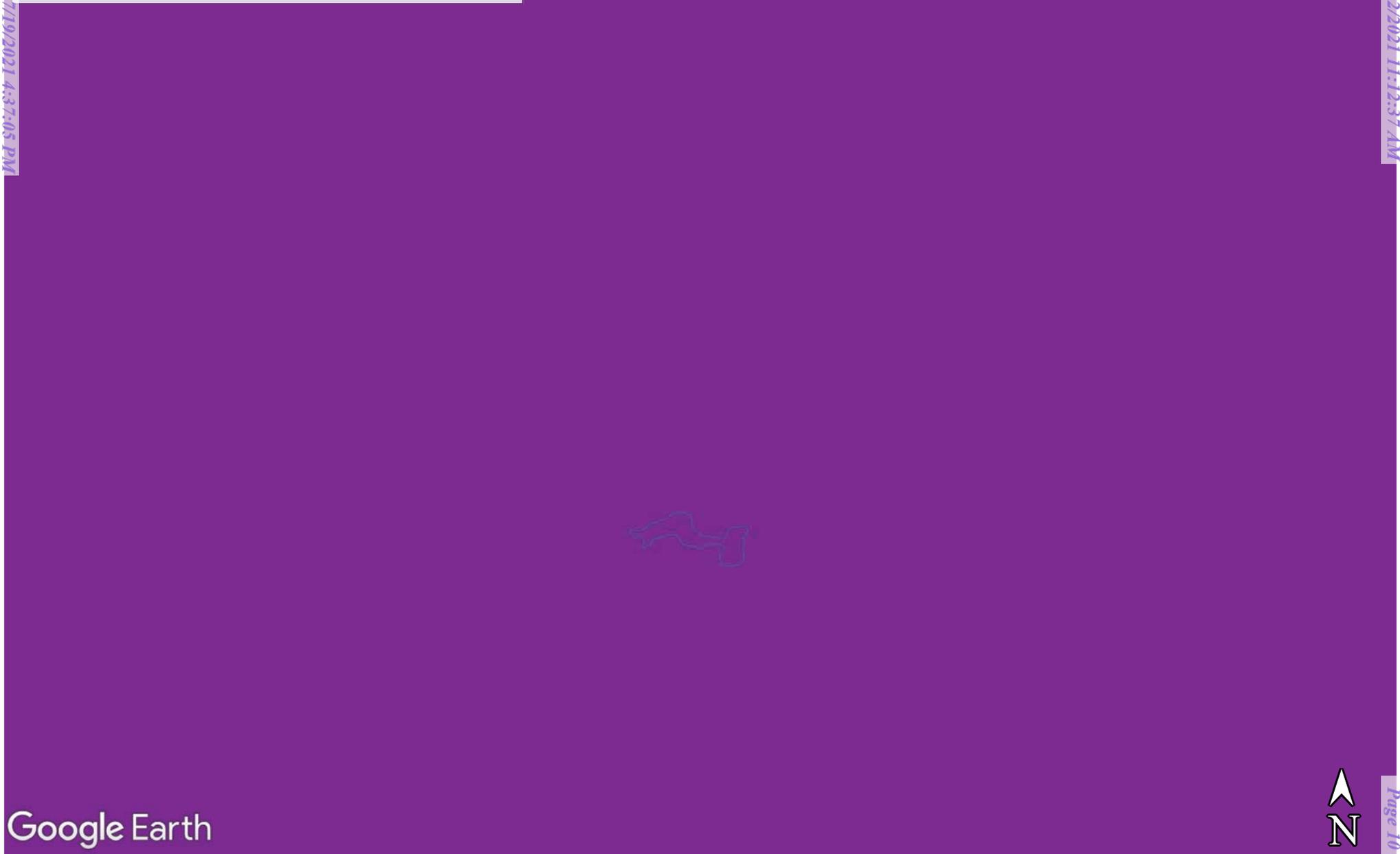
Chevron Midway State Battery

Leak Date: 2020
Lea County, NM
API: 30-025-22794

BLM CAVE KARST MAP

Legend

-  Leak Area
-  Low Potential



National Flood Hazard Layer FIRMette



103°18'51"W 32°51'17"N



Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) <i>Zone A, V, A99</i>
		With BFE or Depth <i>Zone AE, AO, AH, VE, AR</i>
		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 <i>Zone Z</i>
		Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i>
		Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone X</i>
		Area with Flood Risk due to Levee <i>Zone X</i>
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard <i>Zone X</i>
		Effective LOMRs
GENERAL STRUCTURES		Area of Undetermined Flood Hazard <i>Zone D</i>
		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		Cross Sections with 1% Annual Chance Water Surface Elevation
		Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
MAP PANELS		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature
		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 **7/15/2020 at 5:15 PM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

Released to Imaging: 7/19/2021 4:37:05 PM

Received by OCD: 3/23/2021 11:12:37 AM

Page 11 of 41

Laboratory Analytical Results Summary
Chevron Midway State Battery 6-12-20

		Sample ID	North @ Surface	East @ Surface	West @ Surface	South @ Surface
Analyte	Method	Date	2/11/21	2/11/21	2/11/21	2/11/21
			mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		<16.0	<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'	SP1 @ 4'
Analyte	Method	Date	2/11/21	2/11/21	2/11/21	2/11/21	2/11/21
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		1540	752	400	560	288
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0

		Sample ID	SP2 @ Surface	SP2 @ 1'	SP2 @ 2'	SP2 @ 3'	SP2 @ 4'
Analyte	Method	Date	2/11/21	2/11/21	2/11/21	2/11/21	2/11/21
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		2360	2920	2120	416	272
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0

		Sample ID	SP3 @ Surface	SP3 @ 1'	SP3 @ 2'	SP3 @ 3'	SP3 @ 4'
Analyte	Method	Date	2/11/21	2/11/21	2/11/21	2/11/21	2/11/21
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		1250	1560	736	1260	320
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0

Laboratory Analytical Results Summary
 Chevron Midway State Battery 6-12-20

Analyte	Method	Sample ID Date	SP4 @ Surface	SP4 @ 1'	SP4 @ 2'
			mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		32.0	336	80.0
GRO	TPH 8015M		<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	17.6	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0



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

February 17, 2021

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: MIDWAY STATE BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 02/12/21 14:00.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

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:	02/12/2021	Sampling Date:	02/11/2021
Reported:	02/17/2021	Sampling Type:	Soil
Project Name:	MIDWAY STATE BATTERY	Sampling Condition:	Cool & Intact
Project Number:	(6-12-20)	Sample Received By:	Tamara Oldaker
Project Location:	CHEVRON - LEA CO NM		

Sample ID: N @ SURFACE (H210373-01)

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	02/12/2021	ND	2.10	105	2.00	2.13	
Toluene*	<0.050	0.050	02/12/2021	ND	2.07	104	2.00	2.39	
Ethylbenzene*	<0.050	0.050	02/12/2021	ND	2.02	101	2.00	2.71	
Total Xylenes*	<0.150	0.150	02/12/2021	ND	5.91	98.4	6.00	2.56	
Total BTEX	<0.300	0.300	02/12/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 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	02/15/2021	ND	400	100	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	02/12/2021	ND	211	105	200	2.14	
DRO >C10-C28*	<10.0	10.0	02/12/2021	ND	225	113	200	0.305	
EXT DRO >C28-C36	<10.0	10.0	02/12/2021	ND					

Surrogate: 1-Chlorooctane 98.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 102 % 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:	02/12/2021	Sampling Date:	02/11/2021
Reported:	02/17/2021	Sampling Type:	Soil
Project Name:	MIDWAY STATE BATTERY	Sampling Condition:	Cool & Intact
Project Number:	(6-12-20)	Sample Received By:	Tamara Oldaker
Project Location:	CHEVRON - LEA CO NM		

Sample ID: E @ SURFACE (H210373-02)

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	02/12/2021	ND	2.10	105	2.00	2.13	
Toluene*	<0.050	0.050	02/12/2021	ND	2.07	104	2.00	2.39	
Ethylbenzene*	<0.050	0.050	02/12/2021	ND	2.02	101	2.00	2.71	
Total Xylenes*	<0.150	0.150	02/12/2021	ND	5.91	98.4	6.00	2.56	
Total BTEX	<0.300	0.300	02/12/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 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	02/15/2021	ND	400	100	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	02/12/2021	ND	211	105	200	2.14	
DRO >C10-C28*	<10.0	10.0	02/12/2021	ND	225	113	200	0.305	
EXT DRO >C28-C36	<10.0	10.0	02/12/2021	ND					

Surrogate: 1-Chlorooctane 96.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 101 % 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:	02/12/2021	Sampling Date:	02/11/2021
Reported:	02/17/2021	Sampling Type:	Soil
Project Name:	MIDWAY STATE BATTERY	Sampling Condition:	Cool & Intact
Project Number:	(6-12-20)	Sample Received By:	Tamara Oldaker
Project Location:	CHEVRON - LEA CO NM		

Sample ID: W @ SURFACE (H210373-03)

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	02/12/2021	ND	2.10	105	2.00	2.13	
Toluene*	<0.050	0.050	02/12/2021	ND	2.07	104	2.00	2.39	
Ethylbenzene*	<0.050	0.050	02/12/2021	ND	2.02	101	2.00	2.71	
Total Xylenes*	<0.150	0.150	02/12/2021	ND	5.91	98.4	6.00	2.56	
Total BTEX	<0.300	0.300	02/12/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	02/15/2021	ND	400	100	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	02/12/2021	ND	211	105	200	2.14	
DRO >C10-C28*	<10.0	10.0	02/12/2021	ND	225	113	200	0.305	
EXT DRO >C28-C36	<10.0	10.0	02/12/2021	ND					

Surrogate: 1-Chlorooctane 92.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 97.0 % 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:	02/12/2021	Sampling Date:	02/11/2021
Reported:	02/17/2021	Sampling Type:	Soil
Project Name:	MIDWAY STATE BATTERY	Sampling Condition:	Cool & Intact
Project Number:	(6-12-20)	Sample Received By:	Tamara Oldaker
Project Location:	CHEVRON - LEA CO NM		

Sample ID: S @ SURFACE (H210373-04)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/12/2021	ND	2.10	105	2.00	2.13		
Toluene*	<0.050	0.050	02/12/2021	ND	2.07	104	2.00	2.39		
Ethylbenzene*	<0.050	0.050	02/12/2021	ND	2.02	101	2.00	2.71		
Total Xylenes*	<0.150	0.150	02/12/2021	ND	5.91	98.4	6.00	2.56		
Total BTEX	<0.300	0.300	02/12/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/15/2021	ND	400	100	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	02/12/2021	ND	211	105	200	2.14		
DRO >C10-C28*	<10.0	10.0	02/12/2021	ND	225	113	200	0.305		
EXT DRO >C28-C36	<10.0	10.0	02/12/2021	ND						

Surrogate: 1-Chlorooctane 100 % 44.3-144

Surrogate: 1-Chlorooctadecane 103 % 42.2-156

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Analytical Results For:

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Fax To: (575) 397-0397

Received:	02/12/2021	Sampling Date:	02/11/2021
Reported:	02/17/2021	Sampling Type:	Soil
Project Name:	MIDWAY STATE BATTERY	Sampling Condition:	Cool & Intact
Project Number:	(6-12-20)	Sample Received By:	Tamara Oldaker
Project Location:	CHEVRON - LEA CO NM		

Sample ID: SP 1 @ SURFACE (H210373-05)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/12/2021	ND	2.10	105	2.00	2.13		
Toluene*	<0.050	0.050	02/12/2021	ND	2.07	104	2.00	2.39		
Ethylbenzene*	<0.050	0.050	02/12/2021	ND	2.02	101	2.00	2.71		
Total Xylenes*	<0.150	0.150	02/12/2021	ND	5.91	98.4	6.00	2.56		
Total BTEX	<0.300	0.300	02/12/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	1540	16.0	02/15/2021	ND	400	100	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	02/12/2021	ND	211	105	200	2.14		
DRO >C10-C28*	<10.0	10.0	02/12/2021	ND	225	113	200	0.305		
EXT DRO >C28-C36	<10.0	10.0	02/12/2021	ND						

Surrogate: 1-Chlorooctane 102 % 44.3-144

Surrogate: 1-Chlorooctadecane 103 % 42.2-156

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Analytical Results For:

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Fax To: (575) 397-0397

Received:	02/12/2021	Sampling Date:	02/11/2021
Reported:	02/17/2021	Sampling Type:	Soil
Project Name:	MIDWAY STATE BATTERY	Sampling Condition:	Cool & Intact
Project Number:	(6-12-20)	Sample Received By:	Tamara Oldaker
Project Location:	CHEVRON - LEA CO NM		

Sample ID: SP 1 @ 1' (H210373-06)

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	02/12/2021	ND	2.10	105	2.00	2.13	
Toluene*	<0.050	0.050	02/12/2021	ND	2.07	104	2.00	2.39	
Ethylbenzene*	<0.050	0.050	02/12/2021	ND	2.02	101	2.00	2.71	
Total Xylenes*	<0.150	0.150	02/12/2021	ND	5.91	98.4	6.00	2.56	
Total BTEX	<0.300	0.300	02/12/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 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	752	16.0	02/15/2021	ND	400	100	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	02/12/2021	ND	211	105	200	2.14	
DRO >C10-C28*	<10.0	10.0	02/12/2021	ND	225	113	200	0.305	
EXT DRO >C28-C36	<10.0	10.0	02/12/2021	ND					

Surrogate: 1-Chlorooctane 107 % 44.3-144

Surrogate: 1-Chlorooctadecane 110 % 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
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 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received:	02/12/2021	Sampling Date:	02/11/2021
Reported:	02/17/2021	Sampling Type:	Soil
Project Name:	MIDWAY STATE BATTERY	Sampling Condition:	Cool & Intact
Project Number:	(6-12-20)	Sample Received By:	Tamara Oldaker
Project Location:	CHEVRON - LEA CO NM		

Sample ID: SP 1 @ 2' (H210373-07)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/12/2021	ND	2.10	105	2.00	2.13	
Toluene*	<0.050	0.050	02/12/2021	ND	2.07	104	2.00	2.39	
Ethylbenzene*	<0.050	0.050	02/12/2021	ND	2.02	101	2.00	2.71	
Total Xylenes*	<0.150	0.150	02/12/2021	ND	5.91	98.4	6.00	2.56	
Total BTEX	<0.300	0.300	02/12/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	02/15/2021	ND	400	100	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	02/12/2021	ND	211	105	200	2.14	
DRO >C10-C28*	<10.0	10.0	02/12/2021	ND	225	113	200	0.305	
EXT DRO >C28-C36	<10.0	10.0	02/12/2021	ND					

Surrogate: 1-Chlorooctane 106 % 44.3-144

Surrogate: 1-Chlorooctadecane 109 % 42.2-156

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Analytical Results For:

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

Received:	02/12/2021	Sampling Date:	02/11/2021
Reported:	02/17/2021	Sampling Type:	Soil
Project Name:	MIDWAY STATE BATTERY	Sampling Condition:	Cool & Intact
Project Number:	(6-12-20)	Sample Received By:	Tamara Oldaker
Project Location:	CHEVRON - LEA CO NM		

Sample ID: SP 1 @ 3' (H210373-08)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/12/2021	ND	2.10	105	2.00	2.13	
Toluene*	<0.050	0.050	02/12/2021	ND	2.07	104	2.00	2.39	
Ethylbenzene*	<0.050	0.050	02/12/2021	ND	2.02	101	2.00	2.71	
Total Xylenes*	<0.150	0.150	02/12/2021	ND	5.91	98.4	6.00	2.56	
Total BTEX	<0.300	0.300	02/12/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	560	16.0	02/15/2021	ND	400	100	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	02/12/2021	ND	211	105	200	2.14	
DRO >C10-C28*	<10.0	10.0	02/12/2021	ND	225	113	200	0.305	
EXT DRO >C28-C36	<10.0	10.0	02/12/2021	ND					

Surrogate: 1-Chlorooctane 106 % 44.3-144

Surrogate: 1-Chlorooctadecane 110 % 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:	02/12/2021	Sampling Date:	02/11/2021
Reported:	02/17/2021	Sampling Type:	Soil
Project Name:	MIDWAY STATE BATTERY	Sampling Condition:	Cool & Intact
Project Number:	(6-12-20)	Sample Received By:	Tamara Oldaker
Project Location:	CHEVRON - LEA CO NM		

Sample ID: SP 1 @ 4' (H210373-09)

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	02/12/2021	ND	2.10	105	2.00	2.13	
Toluene*	<0.050	0.050	02/12/2021	ND	2.07	104	2.00	2.39	
Ethylbenzene*	<0.050	0.050	02/12/2021	ND	2.02	101	2.00	2.71	
Total Xylenes*	<0.150	0.150	02/12/2021	ND	5.91	98.4	6.00	2.56	
Total BTEX	<0.300	0.300	02/12/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	02/15/2021	ND	400	100	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	02/12/2021	ND	211	105	200	2.14	
DRO >C10-C28*	<10.0	10.0	02/12/2021	ND	225	113	200	0.305	
EXT DRO >C28-C36	<10.0	10.0	02/12/2021	ND					

Surrogate: 1-Chlorooctane 94.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 98.2 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	02/12/2021	Sampling Date:	02/11/2021
Reported:	02/17/2021	Sampling Type:	Soil
Project Name:	MIDWAY STATE BATTERY	Sampling Condition:	Cool & Intact
Project Number:	(6-12-20)	Sample Received By:	Tamara Oldaker
Project Location:	CHEVRON - LEA CO NM		

Sample ID: SP 2 @ SURFACE (H210373-10)

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	02/12/2021	ND	2.09	104	2.00	3.82		
Toluene*	<0.050	0.050	02/12/2021	ND	2.05	102	2.00	4.15		
Ethylbenzene*	<0.050	0.050	02/12/2021	ND	2.00	100	2.00	3.46		
Total Xylenes*	<0.150	0.150	02/12/2021	ND	5.86	97.7	6.00	3.16		
Total BTEX	<0.300	0.300	02/12/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	2360	16.0	02/15/2021	ND	400	100	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	02/15/2021	ND	209	105	200	3.56	QR-03	
DRO >C10-C28*	<10.0	10.0	02/15/2021	ND	219	109	200	4.22		
EXT DRO >C28-C36	<10.0	10.0	02/15/2021	ND						

Surrogate: 1-Chlorooctane 70.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 70.0 % 42.2-156

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Analytical Results For:

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Fax To: (575) 397-0397

Received:	02/12/2021	Sampling Date:	02/11/2021
Reported:	02/17/2021	Sampling Type:	Soil
Project Name:	MIDWAY STATE BATTERY	Sampling Condition:	Cool & Intact
Project Number:	(6-12-20)	Sample Received By:	Tamara Oldaker
Project Location:	CHEVRON - LEA CO NM		

Sample ID: SP 2 @ 1' (H210373-11)

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	02/12/2021	ND	2.09	104	2.00	3.82		
Toluene*	<0.050	0.050	02/12/2021	ND	2.05	102	2.00	4.15		
Ethylbenzene*	<0.050	0.050	02/12/2021	ND	2.00	100	2.00	3.46		
Total Xylenes*	<0.150	0.150	02/12/2021	ND	5.86	97.7	6.00	3.16		
Total BTEX	<0.300	0.300	02/12/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	2920	16.0	02/15/2021	ND	400	100	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	02/15/2021	ND	209	105	200	3.56		
DRO >C10-C28*	<10.0	10.0	02/15/2021	ND	219	109	200	4.22		
EXT DRO >C28-C36	<10.0	10.0	02/15/2021	ND						

Surrogate: 1-Chlorooctane 74.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 71.7 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	02/12/2021	Sampling Date:	02/11/2021
Reported:	02/17/2021	Sampling Type:	Soil
Project Name:	MIDWAY STATE BATTERY	Sampling Condition:	Cool & Intact
Project Number:	(6-12-20)	Sample Received By:	Tamara Oldaker
Project Location:	CHEVRON - LEA CO NM		

Sample ID: SP 2 @ 2' (H210373-12)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/12/2021	ND	2.09	104	2.00	3.82		
Toluene*	<0.050	0.050	02/12/2021	ND	2.05	102	2.00	4.15		
Ethylbenzene*	<0.050	0.050	02/12/2021	ND	2.00	100	2.00	3.46		
Total Xylenes*	<0.150	0.150	02/12/2021	ND	5.86	97.7	6.00	3.16		
Total BTEX	<0.300	0.300	02/12/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	2120	16.0	02/15/2021	ND	400	100	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	02/15/2021	ND	209	105	200	3.56		
DRO >C10-C28*	<10.0	10.0	02/15/2021	ND	219	109	200	4.22		
EXT DRO >C28-C36	<10.0	10.0	02/15/2021	ND						

Surrogate: 1-Chlorooctane 74.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 73.5 % 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: 02/12/2021
Reported: 02/17/2021
Project Name: MIDWAY STATE BATTERY
Project Number: (6-12-20)
Project Location: CHEVRON - LEA CO NM

Sampling Date: 02/11/2021
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SP 2 @ 3' (H210373-13)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/12/2021	ND	2.09	104	2.00	3.82	
Toluene*	<0.050	0.050	02/12/2021	ND	2.05	102	2.00	4.15	
Ethylbenzene*	<0.050	0.050	02/12/2021	ND	2.00	100	2.00	3.46	
Total Xylenes*	<0.150	0.150	02/12/2021	ND	5.86	97.7	6.00	3.16	
Total BTEX	<0.300	0.300	02/12/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	416	16.0	02/15/2021	ND	400	100	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	02/15/2021	ND	209	105	200	3.56	
DRO >C10-C28*	<10.0	10.0	02/15/2021	ND	219	109	200	4.22	
EXT DRO >C28-C36	<10.0	10.0	02/15/2021	ND					

Surrogate: 1-Chlorooctane 77.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 75.3 % 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:	02/12/2021	Sampling Date:	02/11/2021
Reported:	02/17/2021	Sampling Type:	Soil
Project Name:	MIDWAY STATE BATTERY	Sampling Condition:	Cool & Intact
Project Number:	(6-12-20)	Sample Received By:	Tamara Oldaker
Project Location:	CHEVRON - LEA CO NM		

Sample ID: SP 2 @ 4' (H210373-14)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/12/2021	ND	2.09	104	2.00	3.82		
Toluene*	<0.050	0.050	02/12/2021	ND	2.05	102	2.00	4.15		
Ethylbenzene*	<0.050	0.050	02/12/2021	ND	2.00	100	2.00	3.46		
Total Xylenes*	<0.150	0.150	02/12/2021	ND	5.86	97.7	6.00	3.16		
Total BTEX	<0.300	0.300	02/12/2021	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	02/15/2021	ND	400	100	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	02/15/2021	ND	209	105	200	3.56		
DRO >C10-C28*	<10.0	10.0	02/15/2021	ND	219	109	200	4.22		
EXT DRO >C28-C36	<10.0	10.0	02/15/2021	ND						

Surrogate: 1-Chlorooctane 71.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 70.0 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	02/12/2021	Sampling Date:	02/11/2021
Reported:	02/17/2021	Sampling Type:	Soil
Project Name:	MIDWAY STATE BATTERY	Sampling Condition:	Cool & Intact
Project Number:	(6-12-20)	Sample Received By:	Tamara Oldaker
Project Location:	CHEVRON - LEA CO NM		

Sample ID: SP 3 @ SURFACE (H210373-15)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/12/2021	ND	2.09	104	2.00	3.82	
Toluene*	<0.050	0.050	02/12/2021	ND	2.05	102	2.00	4.15	
Ethylbenzene*	<0.050	0.050	02/12/2021	ND	2.00	100	2.00	3.46	
Total Xylenes*	<0.150	0.150	02/12/2021	ND	5.86	97.7	6.00	3.16	
Total BTEX	<0.300	0.300	02/12/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	1250	16.0	02/15/2021	ND	400	100	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	02/15/2021	ND	209	105	200	3.56	
DRO >C10-C28*	<10.0	10.0	02/15/2021	ND	219	109	200	4.22	
EXT DRO >C28-C36	<10.0	10.0	02/15/2021	ND					

Surrogate: 1-Chlorooctane 73.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 72.4 % 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:	02/12/2021	Sampling Date:	02/11/2021
Reported:	02/17/2021	Sampling Type:	Soil
Project Name:	MIDWAY STATE BATTERY	Sampling Condition:	Cool & Intact
Project Number:	(6-12-20)	Sample Received By:	Tamara Oldaker
Project Location:	CHEVRON - LEA CO NM		

Sample ID: SP 3 @ 1' (H210373-16)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/12/2021	ND	2.09	104	2.00	3.82	
Toluene*	<0.050	0.050	02/12/2021	ND	2.05	102	2.00	4.15	
Ethylbenzene*	<0.050	0.050	02/12/2021	ND	2.00	100	2.00	3.46	
Total Xylenes*	<0.150	0.150	02/12/2021	ND	5.86	97.7	6.00	3.16	
Total BTEX	<0.300	0.300	02/12/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	1560	16.0	02/15/2021	ND	400	100	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	02/15/2021	ND	209	105	200	3.56	
DRO >C10-C28*	<10.0	10.0	02/15/2021	ND	219	109	200	4.22	
EXT DRO >C28-C36	<10.0	10.0	02/15/2021	ND					

Surrogate: 1-Chlorooctane 76.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 74.6 % 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:	02/12/2021	Sampling Date:	02/11/2021
Reported:	02/17/2021	Sampling Type:	Soil
Project Name:	MIDWAY STATE BATTERY	Sampling Condition:	Cool & Intact
Project Number:	(6-12-20)	Sample Received By:	Tamara Oldaker
Project Location:	CHEVRON - LEA CO NM		

Sample ID: SP 3 @ 2' (H210373-17)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/12/2021	ND	2.09	104	2.00	3.82	
Toluene*	<0.050	0.050	02/12/2021	ND	2.05	102	2.00	4.15	
Ethylbenzene*	<0.050	0.050	02/12/2021	ND	2.00	100	2.00	3.46	
Total Xylenes*	<0.150	0.150	02/12/2021	ND	5.86	97.7	6.00	3.16	
Total BTEX	<0.300	0.300	02/12/2021	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	736	16.0	02/15/2021	ND	400	100	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	02/15/2021	ND	209	105	200	3.56	
DRO >C10-C28*	<10.0	10.0	02/15/2021	ND	219	109	200	4.22	
EXT DRO >C28-C36	<10.0	10.0	02/15/2021	ND					

Surrogate: 1-Chlorooctane 79.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 78.6 % 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:	02/12/2021	Sampling Date:	02/11/2021
Reported:	02/17/2021	Sampling Type:	Soil
Project Name:	MIDWAY STATE BATTERY	Sampling Condition:	Cool & Intact
Project Number:	(6-12-20)	Sample Received By:	Tamara Oldaker
Project Location:	CHEVRON - LEA CO NM		

Sample ID: SP 3 @ 3' (H210373-18)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/12/2021	ND	2.09	104	2.00	3.82	
Toluene*	<0.050	0.050	02/12/2021	ND	2.05	102	2.00	4.15	
Ethylbenzene*	<0.050	0.050	02/12/2021	ND	2.00	100	2.00	3.46	
Total Xylenes*	<0.150	0.150	02/12/2021	ND	5.86	97.7	6.00	3.16	
Total BTEX	<0.300	0.300	02/12/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	1260	16.0	02/15/2021	ND	400	100	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	02/15/2021	ND	209	105	200	3.56	
DRO >C10-C28*	<10.0	10.0	02/15/2021	ND	219	109	200	4.22	
EXT DRO >C28-C36	<10.0	10.0	02/15/2021	ND					

Surrogate: 1-Chlorooctane 74.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 72.6 % 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:	02/12/2021	Sampling Date:	02/11/2021
Reported:	02/17/2021	Sampling Type:	Soil
Project Name:	MIDWAY STATE BATTERY	Sampling Condition:	Cool & Intact
Project Number:	(6-12-20)	Sample Received By:	Tamara Oldaker
Project Location:	CHEVRON - LEA CO NM		

Sample ID: SP 3 @ 4' (H210373-19)

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	02/12/2021	ND	2.09	104	2.00	3.82	
Toluene*	<0.050	0.050	02/12/2021	ND	2.05	102	2.00	4.15	
Ethylbenzene*	<0.050	0.050	02/12/2021	ND	2.00	100	2.00	3.46	
Total Xylenes*	<0.150	0.150	02/12/2021	ND	5.86	97.7	6.00	3.16	
Total BTEX	<0.300	0.300	02/12/2021	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	02/15/2021	ND	400	100	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	02/15/2021	ND	209	105	200	3.56	
DRO >C10-C28*	<10.0	10.0	02/15/2021	ND	219	109	200	4.22	
EXT DRO >C28-C36	<10.0	10.0	02/15/2021	ND					

Surrogate: 1-Chlorooctane 65.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 65.2 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	02/12/2021	Sampling Date:	02/11/2021
Reported:	02/17/2021	Sampling Type:	Soil
Project Name:	MIDWAY STATE BATTERY	Sampling Condition:	Cool & Intact
Project Number:	(6-12-20)	Sample Received By:	Tamara Oldaker
Project Location:	CHEVRON - LEA CO NM		

Sample ID: SP 4 @ SURFACE (H210373-20)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/12/2021	ND	2.09	104	2.00	3.82	
Toluene*	<0.050	0.050	02/12/2021	ND	2.05	102	2.00	4.15	
Ethylbenzene*	<0.050	0.050	02/12/2021	ND	2.00	100	2.00	3.46	
Total Xylenes*	<0.150	0.150	02/12/2021	ND	5.86	97.7	6.00	3.16	
Total BTEX	<0.300	0.300	02/12/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/15/2021	ND	400	100	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	02/15/2021	ND	209	105	200	3.56	
DRO >C10-C28*	<10.0	10.0	02/15/2021	ND	219	109	200	4.22	
EXT DRO >C28-C36	<10.0	10.0	02/15/2021	ND					

Surrogate: 1-Chlorooctane 66.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 65.5 % 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:	02/12/2021	Sampling Date:	02/11/2021
Reported:	02/17/2021	Sampling Type:	Soil
Project Name:	MIDWAY STATE BATTERY	Sampling Condition:	Cool & Intact
Project Number:	(6-12-20)	Sample Received By:	Tamara Oldaker
Project Location:	CHEVRON - LEA CO NM		

Sample ID: SP 4 @ 1' (H210373-21)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/12/2021	ND	2.09	104	2.00	3.82	
Toluene*	<0.050	0.050	02/12/2021	ND	2.05	102	2.00	4.15	
Ethylbenzene*	<0.050	0.050	02/12/2021	ND	2.00	100	2.00	3.46	
Total Xylenes*	<0.150	0.150	02/12/2021	ND	5.86	97.7	6.00	3.16	
Total BTEX	<0.300	0.300	02/12/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 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	336	16.0	02/15/2021	ND	400	100	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	02/15/2021	ND	209	105	200	3.56	
DRO >C10-C28*	17.6	10.0	02/15/2021	ND	219	109	200	4.22	
EXT DRO >C28-C36	<10.0	10.0	02/15/2021	ND					

Surrogate: 1-Chlorooctane 67.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 64.8 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	02/12/2021	Sampling Date:	02/11/2021
Reported:	02/17/2021	Sampling Type:	Soil
Project Name:	MIDWAY STATE BATTERY	Sampling Condition:	Cool & Intact
Project Number:	(6-12-20)	Sample Received By:	Tamara Oldaker
Project Location:	CHEVRON - LEA CO NM		

Sample ID: SP 4 @ 2' (H210373-22)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/12/2021	ND	2.09	104	2.00	3.82	
Toluene*	<0.050	0.050	02/12/2021	ND	2.05	102	2.00	4.15	
Ethylbenzene*	<0.050	0.050	02/12/2021	ND	2.00	100	2.00	3.46	
Total Xylenes*	<0.150	0.150	02/12/2021	ND	5.86	97.7	6.00	3.16	
Total BTEX	<0.300	0.300	02/12/2021	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/15/2021	ND	400	100	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	02/15/2021	ND	209	105	200	3.56	
DRO >C10-C28*	<10.0	10.0	02/15/2021	ND	219	109	200	4.22	
EXT DRO >C28-C36	<10.0	10.0	02/15/2021	ND					

Surrogate: 1-Chlorooctane 69.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 67.1 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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Celey D. Keene

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 1 of 3

Company Name: BBC International, Inc.				BILL TO				ANALYSIS REQUEST																																					
Project Manager: Cliff Brunson				P.O. #:																																									
Address: P.O. Box 805				Company: CHEVRON																																									
City: Hobbs		State: NM		Zip: 88241		Attn:																																							
Phone #: 575-397-6388		Fax #: 575-397-0397		Address:																																									
Project #:		Project Owner:		City:																																									
Project Name: Midway State Battery (6-12-20)				State:				Zip:																																					
Project Location: Lea County, NM				Phone #:																																									
Sampler Name: Simon Rendon				Fax #:																																									
FOR LAB USE ONLY																																													
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX				PRESERV.		SAMPLING																															
				GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER:		ACID/BASE:		ICE / COOL		OTHER:		DATE		TIME		CL		BTEX		TPH		EXT													
H210373				6		1																2-11-21		9:20 AM		✓		✓		✓															
1		N @ Surface																				2-11-21		9:33 AM		✓		✓		✓															
2		E @ Surface																				2-11-21		9:47 AM		✓		✓		✓															
3		W @ Surface																				2-11-21		9:55 AM		✓		✓		✓															
4		S @ Surface																				2-11-21		10:24 AM		✓		✓		✓															
5		SP1 @ Surface																				2-11-21		10:36 AM		✓		✓		✓															
6		SP1 @ 1'																				2-11-21		10:53 AM		✓		✓		✓															
7		SP1 @ 2'																				2-11-21		11:08 AM		✓		✓		✓															
8		SP1 @ 3'																				2-11-21		11:22 AM		✓		✓		✓															
9		SP1 @ 4'																				2-11-21		11:34 AM		✓		✓		✓															
10		SP2 @ Surface																																											

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Relinquished By: <i>Simon Rendon</i>	Date: 2-12-21 Time: 8:00 AM	Received By: <i>Israel Pena</i>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By: <i>Israel Pena</i>	Date: 2-12-21 Time: 2:00 PM	Received By: <i>Amara Oldabe</i>	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One) Sampler - UPS - Bus - Other: 4.8c #113	Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: (Initials) T.O.	REMARKS:	

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

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720

District II
 811 S. First St., Artesia, NM 88210
 Phone:(575) 748-1283 Fax:(575) 748-9720

District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS
 Action 21552

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 21552
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
ceads	None	7/19/2021